



American Housing Survey Metropolitan Area Samples Histories: 1973 – 2013

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U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
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Contents

1	Albany.....	18
1.1	National Longitudinal Sample (1985 – 2013)	18
1.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 1980). 18	
1.3	Metropolitan Area Definition (1974, 1977, 1980).....	18
2	Allentown	19
2.1	National Longitudinal Sample (1985 – 2013)	19
2.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 1980). 19	
2.3	Metropolitan Area Definition (1976, 1980)	19
3	Anaheim	20
3.1	National Longitudinal Sample (1985 – 2013)	20
3.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011). 20	
3.3	Metropolitan Area Definition (1974, 1977, 1981, 1986, 1990, 1994, 2002, 2011).....	20
4	Atlanta.....	21
4.1	National Longitudinal Sample (1985 – 2013)	21
4.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011). 21	
4.3	Metropolitan Area Definition (1975, 1978, 1982).....	21
4.4	Metropolitan Area Definition (1987, 1991)	21
4.5	Metropolitan Area Definition (1996, 2004)	22
4.6	Metropolitan Area Definition (2011)	22
5	Austin.....	24
5.1	National Longitudinal Sample (1985-2013)	24
5.2	Independent Metropolitan Area Oversample Longitudinal History (2013).....	24
5.3	Metropolitan Area Definition (2013)	24
6	Baltimore	25
6.1	National Longitudinal Sample (1985 – 2013)	25
6.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2013). 25	
6.3	Metropolitan Area Definition (1976, 1979, 1983).....	25
6.4	Metropolitan Area Definition (1987, 1991, 1998, 2007, 2013)	25



7	Birmingham	27
7.1	National Longitudinal Sample (1985 – 2013)	27
7.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011). ..	27
7.3	Metropolitan Area Definition (1976, 1980)	27
7.4	Metropolitan Area Definition (1984, 1988, 1992).....	28
7.5	Metropolitan Area Definition (1998)	28
7.6	Metropolitan Area Definition (2011)	28
8	Boston	29
8.1	National Longitudinal Sample (1985 – 2013)	29
8.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013). ..	29
8.3	Metropolitan Area Definition (1974, 1977, 1981).....	29
8.4	Metropolitan Area Definition (1985, 1989, 1993).....	29
8.5	Metropolitan Area Definition (1998)	30
8.6	Metropolitan Area Definition (2007, 2013).....	33
9	Buffalo	37
9.1	National Longitudinal Sample (1985 – 2013)	37
9.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011). ..	37
9.3	Metropolitan Area Definition (1976, 1979)	37
9.4	Metropolitan Area Definition (1984, 1988, 1994, 2002).....	37
9.5	Metropolitan Area Definition (2011)	37
10	Charlotte	38
10.1	National Longitudinal Sample (1985 – 2013)	38
10.2	Independent Metropolitan Area Oversample Longitudinal History (1995 – 2011). ..	38
10.3	Metropolitan Area Definition (1995, 2002)	38
10.4	Metropolitan Area Definition (2011)	38
11	Chicago	39
11.1	National Longitudinal Sample (1985 – 2013)	39
11.2	Metropolitan/National Longitudinal Sample Longitudinal History (1975 – 2013) ...	39
11.3	Metropolitan Area Definition (1975, 1979, 1983).....	40



11.4	Metropolitan Area Definition (1987, 1991)	40
11.5	Metropolitan Area Definition (1995, 1999, 2003).....	40
11.6	Metropolitan Area Definition (2009, 2013)	41
12	Cincinnati	42
12.1	National Longitudinal Sample (1985 – 2013)	42
12.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011). 42	
12.3	Metropolitan Area Definition (1975, 1978, 1982).....	42
12.4	Metropolitan Area Definition (1986, 1990, 1998).....	43
12.5	Metropolitan Area Definition (2011)	43
13	Cleveland	44
13.1	National Longitudinal Sample (1985 – 2013)	44
13.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011). 44	
13.3	Metropolitan Area Definition (1976, 1979)	44
13.4	Metropolitan Area Definition (1984, 1988, 1992).....	44
13.5	Metropolitan Area Definition (1996, 2004)	45
13.6	Metropolitan Area Definition (2011)	45
14	Colorado Springs	46
14.1	National Longitudinal Sample (1985 – 2013)	46
14.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 1978). 46	
14.3	Metropolitan Area Definition (1975, 1978)	46
15	Columbus	47
15.1	National Longitudinal Sample (1985 – 2013)	47
15.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011). 47	
15.3	Metropolitan Area Definition (1975, 1978, 1982).....	47
15.4	Metropolitan Area Definition (1987, 1991)	47
15.5	Metropolitan Area Definition (1995, 2002)	48
15.6	Metropolitan Area Definition (2011)	48
16	Dallas	49
16.1	National Longitudinal Sample (1985 – 2013)	49



16.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011).	49
16.3	Metropolitan Area Definition (1974, 1977, 1981).....	49
16.4	Metropolitan Area Definition (1985, 1989, 1994, 2002).....	49
16.5	Metropolitan Area Definition (2011)	50
17	Denver	51
17.1	National Longitudinal Sample (1985 – 2013)	51
17.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011).	51
17.3	Metropolitan Area Definition (1976, 1979, 1983).....	51
17.4	Metropolitan Area Definition (1986, 1990)	52
17.5	Metropolitan Area Definition (1995)	52
17.6	Metropolitan Area Definition (2004, 2011)	52
18	Detroit.....	53
18.1	National Longitudinal Sample (1985 – 2013)	53
18.2	Metropolitan/National Longitudinal Sample Longitudinal History (1974 – 2013) ...	53
18.3	Metropolitan Area Definition (1974, 1977, 1981).....	53
18.4	Metropolitan Area Definition (1985, 1989, 1993).....	54
18.5	Metropolitan Area Definition (1995, 1999, 2003).....	54
18.6	Metropolitan Area Definition (2009, 2013)	55
19	Fort Worth	56
19.1	National Longitudinal Sample (1985 – 2013)	56
19.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011).	56
19.3	Metropolitan Area Definition (1974, 1977, 1981).....	56
19.4	Metropolitan Area Definition (1985, 1989, 1994).....	56
19.5	Metropolitan Area Definition (2002)	57
19.6	Metropolitan Area Definition (2011)	57
20	Grand Rapids	58
20.1	National Longitudinal Sample (1985 – 2013)	58
20.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 1980).	58
20.3	Grand Rapids Metropolitan Area Definition.....	58



21	Hartford.....	59
21.1	National Longitudinal Sample (1985 – 2013)	59
21.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013). ..	59
21.3	Metropolitan Area Definition (1975, 1979, 1983).....	59
21.4	Metropolitan Area Definition (1987, 1991)	59
21.5	Metropolitan Area Definition (1996, 2004)	59
21.6	Metropolitan Area Definition (2013)	60
22	Honolulu	62
22.1	National Longitudinal Sample (1985 – 2013)	62
22.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 1983). ..	62
22.3	Metropolitan Area Definition (1976, 1979, 1983).....	62
23	Houston	63
23.1	National Longitudinal Sample (1985–2013).....	63
23.2	Independent Metropolitan Area Oversample Longitudinal History (1976–2013)... ..	63
23.3	Metropolitan Area Definition (1976, 1979, 1983).....	63
23.4	Metropolitan Area Definition (1987, 1991)	64
23.5	Metropolitan Area Definition (1998)	64
23.6	Metropolitan Area Definition (2007, 2013)	64
24	Indianapolis	65
24.1	National Longitudinal Sample (1985 – 2013)	65
24.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011). ..	65
24.3	Metropolitan Area Definition (1976, 1980)	65
24.4	Metropolitan Area Definition (1984, 1988, 1992).....	66
24.5	Metropolitan Area Definition (1996, 2004)	66
24.6	Metropolitan Area Definition (2011)	67
25	Jacksonville	68
25.1	National Longitudinal Sample (1985 – 2013)	68
25.2	Independent Metropolitan Area Oversample Longitudinal History (2013).....	68
25.3	Metropolitan Area Definition (2013)	68



26	Kansas City	69
26.1	National Longitudinal Sample (1985 – 2013)	69
26.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011). ..	69
26.3	Metropolitan Area Definition (1975, 1978, 1982).....	69
26.4	Metropolitan Area Definition (1986, 1990)	70
26.5	Metropolitan Area Definition (1995, 2002)	70
26.6	Metropolitan Area Definition (2011)	71
27	Las Vegas	72
27.1	National Longitudinal Sample (1985 – 2013)	72
27.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2013). ..	72
27.3	Metropolitan Area Definition (1976, 1979)	72
27.4	Metropolitan Area Definition (2013)	72
28	Louisville	73
28.1	National Longitudinal Sample (1985 – 2013)	73
28.2	Independent Metropolitan Area Oversample Longitudinal History (1976-2013) ...	73
28.3	Metropolitan Area Definition (1976, 1980, 1983).....	73
28.4	Metropolitan Area Definition (2013)	74
29	Los Angeles	75
29.1	National Longitudinal Sample (1985 – 2013)	75
29.2	Metropolitan/National Longitudinal Sample Longitudinal History (1974 – 2011) ...	75
29.3	Metropolitan Area Definition (1974, 1977, 1980).....	76
29.4	Metropolitan Area Definition (1985, 1989)	76
29.5	Metropolitan Area Definition (1995, 1999, 2003).....	76
29.6	Metropolitan Area Definition (2011)	76
30	Madison.....	77
30.1	National Longitudinal Sample (1985 – 2013)	77
30.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 1981). ..	77
30.3	Metropolitan Area Definition (1975, 1977, 1981).....	77
31	Memphis.....	78
31.1	National Longitudinal Sample (1985 – 2013)	78



31.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011).	78
31.3	Metropolitan Area Definition (1974)	78
31.4	Metropolitan Area Definition (1977, 1980)	79
31.5	Metropolitan Area Definition (1984, 1988, 1992).....	79
31.6	Metropolitan Area Definition (1996)	79
31.7	Metropolitan Area Definition (2004)	79
31.8	Metropolitan Area Definition (2011)	80
32	Miami	81
32.1	National Longitudinal Sample (1985 – 2013)	81
32.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013).	81
32.3	Metropolitan Area Definition (1975, 1979, 1983).....	81
32.4	Metropolitan Area Definition (1986, 1990, 1995, 2002).....	82
32.5	Metropolitan Area Definition (2007, 2013).....	82
33	Milwaukee	83
33.1	National Longitudinal Sample (1985 – 2013)	83
33.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011).	83
33.3	Metropolitan Area Definition (1975, 1979)	83
33.4	Metropolitan Area Definition (1984, 1988, 1994, 2002, 2011)	83
34	Minneapolis-St. Paul.....	84
34.1	National Longitudinal Sample (1985 – 2013)	84
34.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013).	84
34.3	Metropolitan Area Definition (1974, 1977, 1981).....	84
34.4	Metropolitan Area Definition (1985, 1989, 1993).....	85
34.5	Metropolitan Area Definition (1998, 2007, 2013).....	85
35	Nashville	86
35.1	National Longitudinal Sample (1985 – 2013)	86
35.2	Independent Metropolitan Area Oversample Longitudinal History (2013).....	86
35.3	Metropolitan Area Definition (2013)	86
36	New Orleans	87



36.1	National Longitudinal Sample (1985 – 2013)	87
36.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011). ..	87
36.3	Metropolitan Area Definition (1975, 1978, 1982)	87
36.4	Metropolitan Area Definition (1986, 1990)	88
36.5	Metropolitan Area Definition (1995, 2004)	88
36.6	Metropolitan Area Definition (2009, 2011)	88
37	New York	89
37.1	National Longitudinal Sample (1985 – 2013)	89
37.2	Metropolitan/National Longitudinal Sample Longitudinal History (1976 – 2013) ...	89
37.3	Metropolitan Area Definition (1976, 1980, 1983)	90
37.4	Metropolitan Area Definition (1987, 1991)	90
37.5	Metropolitan Area Definition (1995, 1999, 2003)	90
37.6	Metropolitan Area Definition (2009, 2013)	91
38	Norfolk-Virginia Beach-Newport News	92
38.1	National Longitudinal Sample (1985 – 2013)	92
38.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011). ..	92
38.3	Metropolitan Area Definition (1975, 1978)	93
38.4	Metropolitan Area Definition (1984, 1988, 1992)	93
38.5	Metropolitan Area Definition (1998)	94
38.6	Metropolitan Area Definition (2011)	94
39	Northern New Jersey	95
39.1	National Longitudinal Sample (1985 – 2013)	95
39.2	Metropolitan/National Longitudinal Sample Longitudinal History (1974 – 2013) ...	95
39.3	Metropolitan Area Definition (1983)	96
39.4	Metropolitan Area Definition (1995, 1999, 2003)	97
39.5	Metropolitan Area Definition (2009, 2013)	98
40	Oakland	99
40.1	National Longitudinal Sample (1985 – 2013)	99
40.2	Independent Metropolitan Area Oversample Longitudinal History (1998 – 2011). ..	99



40.3	Metropolitan Area Definition (1998, 2011)	99
41	Oklahoma City	100
41.1	National Longitudinal Sample (1985 – 2013)	100
41.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2013)	100
41.3	Metropolitan Area Definition (1976, 1980)	100
41.4	Metropolitan Area Definition (1984, 1988, 1992, 1996, 2004)	101
41.5	Metropolitan Area Definition (2013)	101
42	Omaha	102
42.1	National Longitudinal Sample (1985 – 2013)	102
42.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 1979)	102
42.3	Metropolitan Area Definition (1976, 1979)	102
43	Orlando	103
43.1	National Longitudinal Sample (1985 – 2013)	103
43.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013)	103
43.3	Metropolitan Area Definition (1974, 1977, 1981)	103
43.4	Metropolitan Area Definition (2013)	103
44	Philadelphia	104
44.1	National Longitudinal Sample (1985 – 2013)	104
44.2	Metropolitan/National Longitudinal Sample Longitudinal History (1975 – 2013)	104
44.3	Metropolitan Area Definition (1975, 1978, 1982)	105
44.4	Metropolitan Area Definition (1985, 1989)	105
44.5	Philadelphia Metropolitan Area Definition (1995, 1999, 2003)	105
44.6	Metropolitan Area Definition (2009, 2013)	106
45	Phoenix	107
45.1	National Longitudinal Sample (1985 – 2013)	107
45.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011)	107
45.3	Metropolitan Area Definition (1974, 1977, 1981)	107
45.4	Metropolitan Area Definition (1985, 1989, 1994, 2002)	107
45.5	Metropolitan Area Definition (2011)	107



46	Pittsburgh.....	108
46.1	National Longitudinal Sample (1985 – 2013)	108
46.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011).....	108
46.3	Metropolitan Area Definition (1974, 1977, 1981).....	108
46.4	Metropolitan Area Definition (1986, 1990)	109
46.5	Metropolitan Area Definition (1995, 2004).....	109
46.6	Metropolitan Area Definition (2011)	109
47	Portland.....	110
47.1	National Longitudinal Sample.....	110
47.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011).....	110
47.3	Metropolitan Area Definition (1975, 1979, 1983).....	110
47.4	Metropolitan Area Definition (1986, 1990, 1995).....	111
47.5	Metropolitan Area Definitions (2002).....	111
47.6	Metropolitan Area Definitions (2011).....	111
48	Providence	112
48.1	National Longitudinal Sample (1985 – 2013)	112
48.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011).....	112
48.3	Metropolitan Area Definition (1976, 1980).....	112
48.4	Metropolitan Area Definition (1984, 1988, 1992).....	112
48.5	Metropolitan Area Definition (1998)	113
48.6	Metropolitan Area Definition (2011)	113
49	Raleigh	116
49.1	National Longitudinal Sample (1985 – 2013)	116
49.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 1979).....	116
49.3	Metropolitan Area Definition (1976, 1979)	116
50	Richmond	117
50.1	National Longitudinal Sample (1985 – 2013)	117
50.2	Independent Metropolitan Area Oversample Longitudinal History (2013).....	117
50.3	Metropolitan Area Definition (2013)	117



51	Riverside	118
51.1	National Longitudinal Sample (1985 – 2013)	118
51.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)	118
51.3	Metropolitan Area Definition (1975, 1978, 1982)	118
51.4	Metropolitan Area Definition (1986, 1990, 1994, 2002, 2011)	118
52	Rochester	119
52.1	National Longitudinal Sample (1985 – 2013)	119
52.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013)	119
52.3	Metropolitan Area Definition (1975, 1978, 1982)	119
52.4	Metropolitan Area Definition (1986, 1990)	120
52.5	Metropolitan Area Definition (1998)	120
52.6	Metropolitan Area Definition (2013)	120
53	Sacramento	121
53.1	National Longitudinal Sample (1985 – 2013)	121
53.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)	121
53.3	Metropolitan Area Definition (1976, 1980, 1983)	121
53.4	Metropolitan Area Definition (1996, 2004)	122
53.5	Metropolitan Area Definition (2011)	122
54	Saginaw	123
54.1	National Longitudinal Sample (1985 – 2013)	123
54.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 1980)	123
54.3	Metropolitan Area Definition (1974, 1977, 1980)	123
55	Salt Lake City	124
55.1	National Longitudinal Sample (1985 – 2013)	124
55.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 1998)	124
55.3	Metropolitan Area Definition (1974, 1977, 1980)	124
55.4	Metropolitan Area Definition (1984, 1988, 1992, 1998)	124
56	San Diego	125
56.1	National Longitudinal Sample (1985 – 2013)	125
56.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)	125



56.3	Metropolitan Area Definition (1975, 1978, 1982).....	125
56.4	Metropolitan Area Definition (1987, 1991, 1994, 2002, 2011)	125
57	San Francisco.....	126
57.1	National Longitudinal Sample (1985 – 2013)	126
57.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011).....	126
57.3	Metropolitan Area Definition (1975, 1978, and 1982)	126
57.4	Metropolitan Area Definition (1985, 1989, 1993).....	127
57.5	Metropolitan Area Definition (1998, 2011).....	127
58	San Antonio.....	128
58.1	National Longitudinal Sample (1985 – 2013)	128
58.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013).....	128
58.3	Metropolitan Area Definition (1975, 1978, 1982).....	128
58.4	Metropolitan Area Definition (1986, 1990)	128
58.5	Metropolitan Area Definition (1995)	129
58.6	Metropolitan Area Definition (2004)	129
58.7	59.7 Metropolitan Area Definition (2013).....	129
59	San Jose	130
59.1	National Longitudinal Sample (1985 – 2013)	130
59.2	Independent Metropolitan Area Oversample Longitudinal History (1984 – 2011).....	130
59.3	Metropolitan Area Definition (1984, 1988, 1993, 1998).....	130
59.4	Metropolitan Area Definition (2011)	130
60	Seattle	131
60.1	National Longitudinal Sample (1985 – 2013)	131
60.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013).....	131
60.3	Metropolitan Area Definition (1974, 1977, 1981).....	131
60.4	Metropolitan Area Definition (1976, 1979, 1983).....	132
60.5	Metropolitan Area Definition (1987, 1991).....	132
60.6	Metropolitan Area Definition (1996)	132
60.7	Metropolitan Area Definition (2004)	132



60.8	Metropolitan Area Definition (2009)	133
60.9	Metropolitan Area Definition (2013)	133
61	Spokane	134
61.1	National Longitudinal Sample (1985 – 2013)	134
61.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 1981)	134
61.3	Metropolitan Area Definition (1974, 1977, 1981)	134
62	Springfield	135
62.1	National Longitudinal Sample (1985 – 2013)	135
62.2	Independent Metropolitan Area Oversample Longitudinal History (1975 – 1978)	135
62.3	Metropolitan Area Definition (1975, 1978)	135
63	St. Louis	136
63.1	National Longitudinal Sample (1985 – 2013)	136
63.2	Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)	136
63.3	Metropolitan Area Definition (1976, 1980, 1983)	136
63.4	Metropolitan Area Definition (1987, 1991)	137
63.5	Metropolitan Area Definition (1996, 2004)	137
63.6	Metropolitan Area Definition (2011)	138
64	Tampa	139
64.1	National Longitudinal Sample (1985 – 2013)	139
64.2	Independent Metropolitan Area Oversample Longitudinal History (1985 – 2013)	139
64.3	Metropolitan Area Definition (1985, 1989 1993, 1998, 2007, 2013)	139
65	Tucson	140
65.1	National Longitudinal Sample (1985 – 2013)	140
65.2	Independent Metropolitan Area Oversample Longitudinal History (2013)	140
65.3	Metropolitan Area Definition (2013)	140
66	Washington	141
66.1	National Longitudinal Sample (1985 – 2013)	141
66.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013)	141
66.3	Metropolitan Area Definition (1974, 1977, 1981)	141
66.4	Metropolitan Area Definition (1985, 1989, 1993)	142



66.5	Metropolitan Area Definition (1998)	142
66.6	Metropolitan Area Definition (2007, 2013)	143
67	Wichita	144
67.1	National Longitudinal Sample (1985 – 2013)	144
67.2	Independent Metropolitan Area Oversample Longitudinal History (1974 – 1981)	144
67.3	Metropolitan Area Definition (1974, 1977, 1981)	144



Overview

The purpose of this document is to explain how the Department of Housing and Urban Development (HUD) and the U.S. Census Bureau (Census Bureau) implemented independent metropolitan area longitudinal oversamples from 1973 - 2013.

The American Housing Survey (AHS) is a longitudinal survey in which the same housing units are surveyed repeatedly. Since it began in 1973, the AHS has been composed of a national longitudinal sample and independent metropolitan area longitudinal oversamples. From 1973 to 2013, there were two national longitudinal samples (1973–1983 and 1985–2013). During this time, the Census Bureau also surveyed independent longitudinal oversamples for more than 60 metropolitan areas, each spanning various time periods.

The national longitudinal sample microdata records and the AHS independent metropolitan area longitudinal oversamples microdata records are published as separate public use files (PUFs)¹. There were three exceptions to this practice and these exceptions were put in place to improve the precision of national estimates while still maintaining the ability to produce metropolitan area estimates with an acceptable level of precision. The three exceptions were:

- The AHS metropolitan area sample microdata records from the Big 5 (Chicago, Detroit, New York City, Northern New Jersey, and Philadelphia) metropolitan areas were integrated into the national longitudinal sample PUF for 2009 and 2013.
- The AHS metropolitan area sample microdata records from Los Angeles was integrated into the national longitudinal sample PUF for 2011.
- The AHS metropolitan area sample microdata records from the Big 6 areas (the Big 5 plus Los Angeles) was integrated into the national longitudinal sample PUF for 1995, 1999, and 2003.

Specific metropolitan areas are identified in the national longitudinal sample PUF. However, other than the exceptions above, the national longitudinal sample does not include enough records in specific metropolitan areas to produce reliable estimates. That is why the AHS includes independent metropolitan area longitudinal oversamples.

This history of the independent metropolitan area longitudinal oversamples can be complicated for users to understand for at least two reasons. First, considering the whole time period from 1973 and 2013, there is no long-term pattern to when specific metropolitan area longitudinal oversamples were surveyed. In the early years, an attempt was made to survey metropolitan area longitudinal oversamples in a regular pattern, but this pattern was abandoned for administrative and budget reasons.

¹ When the 2011 estimates were initially released, the national longitudinal sample and metropolitan area samples records were merged into one "combined national sample PUF." The combined file was only created for 2011, and in following years the separate national and metropolitan PUFs were again created. In April 2019, to make 2011 more comparable to other years, the 2011 PUF was re-released as separate national longitudinal sample and metropolitan area sample PUFs (with revised weights).



The second reason the history of the independent metropolitan area longitudinal oversamples is complicated is that many samples were re-drawn, thereby breaking the longitudinally of the oversample. However, there was no discernable pattern to which metropolitan areas were chosen to have their oversample “re-set.”

The third reason the history of the independent metropolitan area longitudinal oversamples is complicated is that the geographic definition (i.e., counties) used to define a metropolitan area for the AHS changed over time. It is well-known that the Office of Management and Budget (OMB) redefines metropolitan areas every ten years. In some instance, the AHS program followed suit, while in other instance, it did not. In a few instances, the AHS program simply developed their own definition for metropolitan areas.

We developed this document to help AHS users navigate the complexity. Within this document, metropolitan areas are presented in alphabetical order. For each metropolitan area, the following information is presented:

- The national longitudinal sample metropolitan area definition.
- The longitudinal history of the independent metropolitan area longitudinal oversample(s).
- The geographic definition of the independent metropolitan area longitudinal oversample(s), by survey year.



1 Albany

1.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Albany metropolitan area (SMSA = 0160). The Albany metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Albany-Schenectady-Troy, NY MSA.

1.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 1980)

The first and only independent metropolitan area longitudinal oversample for the Albany metropolitan area was drawn in 1974 and was in place for the 1974, 1977, and 1980 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,741	(X)
1977	5,182	83.96
1980	5,736	87.99

1.3 Metropolitan Area Definition (1974, 1977, 1980)

The definition of the Albany metropolitan area used in the 1974, 1977, and 1980 AHS followed the 1971 OMB definition for the Albany-Schenectady-Troy, NY SMSA.

FIPS	County Name	AHS COUNTY
36001	Albany	999
36083	Rensselaer	
36091	Saratoga	
36093	Schenectady	



2 Allentown

2.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Allentown metropolitan area (SMSA = 0240). The Allentown metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Allentown-Bethlehem, PA-NJ MSA.

2.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 1980)

The first and only independent metropolitan area longitudinal oversample for the Allentown metropolitan area was drawn in 1976 and was in place for the 1976 and 1980 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,022	(X)
1980	5,208	93.68

2.3 Metropolitan Area Definition (1976, 1980)

The definition of the Allentown metropolitan area used in the 1976 and 1980 AHS followed the 1971 OMB definition for the Allentown-Bethlehem-Easton, PA-NJ SMSA.

FIPS	County Name	AHS COUNTY
42077	Lehigh, PA	077
42095	Northampton, PA	999
34041	Warren Co, NJ	



3 Anaheim

3.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Anaheim metropolitan area (PMSA = 0360). The Anaheim metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Anaheim-Santa Ana, CA PMSA.

3.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011)

The first and only independent metropolitan area longitudinal oversample for the Anaheim metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1986, 1990, 1994, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,775	(X)
1977	5,531	79.06
1981	4,939	91.23
1986	3,334	90.82
1990	5,087	65.54
1994	4,410	96.80
2002	4,911	89.80
2011	4,011	92.67

3.3 Metropolitan Area Definition (1974, 1977, 1981, 1986, 1990, 1994, 2002, 2011)

The definition of the Anaheim metropolitan area used in the AHS followed the 1971 OMB definition for the Anaheim-Santa Ana-Garden Grove, CA SMSA.

FIPS	County Name	AHS COUNTY
06059	Orange	059



4 Atlanta

4.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Atlanta metropolitan area (SMSA = 0520). The Atlanta metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Atlanta, GA MSA.

4.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the Atlanta metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	12,939	(X)
1978	15,537	83.14
1982	4,250	90.00
1987	3,514	61.18
1991	4,551	65.77

The second independent metropolitan area longitudinal oversample for the Atlanta metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,872	(X)
2004	5,132	75.97
2011	3,578	74.82

4.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the Atlanta metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the Atlanta, GA SMSA. This included the following counties:

FIPS	County Name	AHS COUNTY
13063	Clayton	999
13067	Cobb	
13135	Gwinnet	
13089	De Kalb	888
13121	Fulton	

4.4 Metropolitan Area Definition (1987, 1991)

The definition of the Atlanta metropolitan area used in the 1987 and 1991 AHS followed the 1983 OMB definition for the Atlanta, GA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
13063	Clayton	063	110
13067	Cobb	067	102-103
13135	Gwinnett	135	105



FIPS	County Name	AHS COUNTY	AHS ZONE
13089	De Kalb	966	001-004, 104, 106, 107-109, 111
13121	Fulton		
13057	Cherokee	967	101
13097	Douglas		
13117	Forsyth		
13223	Paulding		
13077	Coweta	968	112
13113	Fayette		
13151	Henry		
13255	Spalding		
13035	Butts	969	113
13013	Barrow		
13217	Newton		
13247	Rockdale		
13297	Walton		

4.5 Metropolitan Area Definition (1996, 2004)

The definition of the Atlanta metropolitan area used in the 1996 and 2004 AHS followed the 1993 OMB definition for the Atlanta, GA MSA, with the exception that the AHS definition excludes Carroll and Pickens counties.

FIPS	County Name	AHS COUNTY	AHS ZONE
13063	Clayton	063	110
13067	Cobb	067	102-103
13135	Gwinnett	135	105
13089	De Kalb	966	001-004, 104, 106, 107-109, 111
13121	Fulton		
13015	Bartow	967	101
13057	Cherokee		
13097	Douglas		
13117	Forsyth		
13223	Paulding	968	112
13077	Coweta		
13113	Fayette		
13151	Henry		
13255	Spalding	969	113
13013	Barrow		
13217	Newton		
13247	Rockdale		
13297	Walton		

4.6 Metropolitan Area Definition (2011)

The definition of the Atlanta metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Atlanta-Sandy Springs-Marietta, GA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
13063	Clayton	063	110
13067	Cobb	067	102-103
13135	Gwinnett	135	105
13143	Haralson	939	115
13149	Heard		
13159	Jasper		
13171	Lamar		
13199	Meriwether		
13231	Pike		
13035	Butts	940	114
13045	Carroll		
13089	De Kalb	966	001-004, 104, 106, 107-109, 111
13121	Fulton		
13015	Bartow	967	101
13057	Cherokee		
13085	Dawson		
13097	Douglas		
13117	Forsyth		
13223	Paulding		
13227	Pickens		
13077	Coweta	968	112
13113	Fayette		
13151	Henry		
13255	Spalding		
13013	Barrow	969	113
13217	Newton		
13247	Rockdale		
13297	Walton		



5 Austin

5.1 National Longitudinal Sample (1985-2013)

There are records in the national longitudinal sample from 1985-2013 that are identified as belonging to the Austin metropolitan area (SMSA = 0640). The Austin metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Austin, TX MSA.

5.2 Independent Metropolitan Area Oversample Longitudinal History (2013)

The first and only independent metropolitan area longitudinal oversample for the Austin metropolitan area was drawn in 2013. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,185	(X)

5.3 Metropolitan Area Definition (2013)

The definition of the Austin metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Austin-Round Rock, TX MSA.

FIPS	County Name
48021	Bastrop
48055	Caldwell
48209	Hays
48453	Travis
48491	Williamson

* In 2013, the variables COUNTY or ZONE were excluded from the PUF due to disclosure concerns.



6 Baltimore

6.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Baltimore metropolitan area (SMSA = 0720). The Baltimore metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for Baltimore, MD MSA.

6.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2013)

The first independent metropolitan area longitudinal oversample for the Baltimore metropolitan area was drawn in 1976 and was in place for the 1976, 1979, 1983, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,270	(X)
1979	5,436	92.79
1983	4,287	95.52
1987	3,317	89.63
1991	4,413	64.67

The second independent metropolitan area longitudinal oversample for the Baltimore metropolitan area was drawn in 1998 and was in place for the 1998, 2007, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,714	(X)
2007	2,733	82.47
2013	4,065	61.92

6.3 Metropolitan Area Definition (1976, 1979, 1983)

The definition of the Baltimore metropolitan area used in the 1976, 1979, and 1983 AHS followed the 1971 OMB definition for the Baltimore, MD SMSA.

FIPS	County Name	AHS COUNTY
24510	Baltimore City	510
24005	Baltimore	005
24003	Anne Arundel	999
24013	Carroll	
24025	Harford	
24027	Howard	

6.4 Metropolitan Area Definition (1987, 1991, 1998, 2007, 2013)

The definition of the Baltimore metropolitan area used in the 1987, 1991, 1998, 2007, and 2013 AHS followed the 1983 OMB definition for the Baltimore, MD MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
24510	Baltimore City	510	001-006
24005	Baltimore	005	102-106



FIPS	County Name	AHS COUNTY	AHS ZONE
24025	Harford	025	107
24013	Carroll	964	101,108
24027	Howard		
24003	Anne Arundel	965	109-111
24035	Queen Anne's		

* In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



7 Birmingham

7.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Birmingham metropolitan area (SMSA = 1000). The Birmingham metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Birmingham, AL MSA.

7.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first independent metropolitan area longitudinal oversample for the Birmingham metropolitan area was drawn in 1976 and was in place for the 1976, 1980, 1984, 1988, and 1992 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,235	(X)
1980	5,408	90.26
1984	4,184	87.57
1988	3,774	93.80
1992	5,229	72.16

The second independent metropolitan area longitudinal oversample for the Birmingham metropolitan area was drawn in 1998 and was in place for the 1998 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	5,066	(X)
2011	4,387	58.19

7.3 Metropolitan Area Definition (1976, 1980)

The definition of the Birmingham metropolitan area used in the 1976 and 1980 AHS followed the 1971 OMB definition for the Birmingham, AL SMSA.

FIPS	County Name	AHS COUNTY
01073	Jefferson	999
01117	Shelby	
01127	Walker	



7.4 Metropolitan Area Definition (1984, 1988, 1992)

The definition of the Birmingham metropolitan area used in the 1984, 1988, and 1992 AHS followed the 1983 OMB definition for the Birmingham, AL MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
01073	Jefferson	073	001-002, 101-103
01117	Shelby	993	104
01127	Walker		
01115	St. Clair		
01009	Blount		

7.5 Metropolitan Area Definition (1998)

The definition of the Birmingham metropolitan area used in the 1998 AHS followed the 1993 OMB definition for the Birmingham, AL MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
01073	Jefferson	073	001-002, 101-103
01117	Shelby	993	104
01115	St. Clair		
01009	Blount		

7.6 Metropolitan Area Definition (2011)

The definition of the Birmingham metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Birmingham-Hoover, AL MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
01073	Jefferson	073	001-002, 101-103
01117	Shelby	993	104
01115	St. Clair		
01009	Blount		
01007	Bibb	943	105
01021	Chilton		
01127	Walker		



8 Boston

8.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Boston metropolitan area (SMSA = 1120 or CMSA = 41). The Boston metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Boston, MA PMSA and the Boston-Lawrence-Salem, MA-NH CMSA, respectively.

8.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013)

The first independent metropolitan area longitudinal oversample for the Boston metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1985, 1989, and 1993 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	13,661	(X)
1977	15,245	81.91
1981	5,701	97.02
1985	4,017	64.95
1989	3,996	87.94
1993	5,258	76.00

The second independent metropolitan area longitudinal oversample for the Boston metropolitan area was drawn in 1998 and was in place for the 1998, 2007, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,528	(X)
2007	2,771	57.70
2013	4,025	64.03

8.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Boston metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Boston, MA SMSA.

8.4 Metropolitan Area Definition (1985, 1989, 1993)

The definition of the Boston metropolitan area used in the 1985, 1989, and 1993 AHS followed the 1983 OMB definition for the Boston-Lawrence-Salem, MA-NH CMSA.

8.5 Metropolitan Area Definition (1998)

The definition of the Boston metropolitan area used in the 1998 AHS does not follow the OMB definition from any particular vintage, but is closest to the 1993 OMB definition of the Boston, MA-NH PMSA.

State/County FIPS	County Name	Town FIPS	Town Name
25005	Bristol, MA	05280	Berkley town
		16950	Dighton town
		38225	Mansfield town
		49970	Norton town
		69170	Taunton town
25009	Essex, MA	01185	Amesbury town
		01465	Andover town
		05595	Beverly city
		07420	Boxford town
		16250	Danvers town
		21850	Essex town
		25625	Georgetown town
		26150	Gloucester city
		27620	Groveland town
		27900	Hamilton town
		29405	Haverhill city
		32310	Ipswich town
		34550	Lawrence city
		37490	Lynn city
		37560	Lynnfield town
		37995	Manchester town
		38400	Marblehead town
		40430	Merrimac town
		40710	Methuen town
		41095	Middleton town
		43580	Nahant town
		45175	Newbury town
		45245	Newburyport city
		46365	North Andover town
		52490	Peabody city
		57880	Rockport town
		58405	Rowley town
		59105	Salem city
		59245	Salisbury town
		60015	Saugus town
		68645	Swampscott town
		70150	Topsfield town
		74595	Wenham town
		77150	West Newbury town

State/County FIPS	County Name	Town FIPS	Town Name
25017	Middlesex, MA	00380	Acton town
		01605	Arlington town
		02130	Ashland town
		03005	Ayer town
		04615	Bedford town
		05070	Belmont town
		07350	Boxborough town
		09840	Burlington town
		11000	Cambridge city
		11525	Carlisle town
		15060	Concord town
		21990	Everett city
		24925	Framingham town
		30700	Holliston town
		31085	Hopkinton town
		31540	Hudson town
		35215	Lexington town
		35425	Lincoln town
		35950	Littleton town
		37875	Malden city
		38715	Marlborough city
		39625	Maynard town
		39835	Medford city
		40115	Melrose city
		43895	Natick town
		45560	Newton city
		48955	North Reading town
		56130	Reading town
		61380	Sherborn town
		61590	Shirley town
		62535	Somerville city
		67665	Stoneham town
		68050	Stow town
		68260	Sudbury town
		70360	Townsend town
		72215	Wakefield town
		72600	Waltham city
		73405	Watertown town
		73790	Wayland town
		77255	Weston town
		80230	Wilmington town
		80510	Winchester town
		81035	Woburn city

State/County FIPS	County Name	Town FIPS	Town Name
25021	Norfolk, MA	04930	Bellingham town
		07665	Braintree town
		09175	Brookline town
		11315	Canton town
		14640	Cohasset town
		16495	Dedham town
		17405	Dover town
		24820	Foxborough town
		25065	Franklin town
		30455	Holbrook town
		39765	Medfield town
		39975	Medway town
		41515	Millis town
		41690	Milton town
		44105	Needham town
		46050	Norfolk town
		50250	Norwood town
		54100	Plainville town
		55745	Quincy city
		55955	Randolph town
		60785	Sharon town
		67945	Stoughton town
		72495	Walpole town
		74175	Wellesley town
		78690	Westwood town
		78865	Weymouth town
		82315	Wrentham town
25023	Plymouth. MA	09000	Brockton city
		11665	Carver town
		17895	Duxbury town
		28285	Hanover town
		30210	Hingham town
		31645	Hull town
		33220	Kingston town
		38855	Marshfield town
		50145	Norwell town
		52630	Pembroke town
		54310	Plymouth town
		57775	Rockland town
		60330	Scituate town
		72985	Wareham town

State/County FIPS	County Name	Town FIPS	Town Name
25025	Suffolk, MA	07000	Boston city
		13205	Chelsea city
		56585	Revere city
		80930	Winthrop town
25027	Worcester, MA	05490	Berlin town
		06015	Blackstone town
		06365	Bolton town
		28950	Harvard town
		30945	Hopedale town
		34165	Lancaster town
		40255	Mendon town
		41165	Milford town
		41585	Millville town
33015	Rockingham, NH	63165	Southborough town
		71480	Upton town
		02340	Atkinson town
		07220	Brentwood town
		17140	Danville town
		17940	Derry town
		21380	East Kingston town
		32900	Hampstead town
		40100	Kingston town
		52900	Newton town
		62500	Plaistow town
		66660	Salem town
		67620	Sandown town
		68260	Seabrook town
		71140	South Hampton town
		86780	Windham town

8.6 Metropolitan Area Definition (2007, 2013)

The definition of the Boston metropolitan area used in the 2007 and 2013 AHS is the 2003 OMB definition for the Boston-Cambridge-Quincy, MA New England City and Town Area Division (NECTAD).

State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
25005	Bristol, MA	38225	Mansfield town	123
25009	Essex, MA	01465	Andover town	115
		05595	Beverly city	128
		07420	Boxford town	128
		21850	Essex town	128
		26150	Gloucester city	128
		27900	Hamilton town	128
		32310	Ipswich town	128
		37560	Lynnfield town	115
		37995	Manchester-by-the-Sea town	128

State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
		41095	Middleton town	128
		45175	Newbury town	128
		45245	Newburyport city	128
		57880	Rockport town	128
		58405	Rowley town	128
		60015	Saugus town	115
		70150	Topsfield town	128
		74595	Wenham town	128
25017	Middlesex, MA	00380	Acton town	129
		01605	Arlington town	111
		03005	Ayer town	129
		04615	Bedford town	129
		05070	Belmont town	111
		07350	Boxborough town	129
		09840	Burlington town	108
		11000	Cambridge city	112
		11525	Carlisle town	129
		15060	Concord town	129
		21990	Everett city	114
		27480	Groton town	129
		35215	Lexington town	108
		35425	Lincoln town	129
		35950	Littleton town	129
		37875	Malden city	113
		39625	Maynard town	129
		39835	Medford city	113
		40115	Melrose city	109
		45560	Newton city	110
		48955	North Reading town	115
		56130	Reading town	115
		61380	Sherborn town	130
		61590	Shirley town	129
		62535	Somerville city	112
		67665	Stoneham town	109
		68050	Stow town	129
		68260	Sudbury town	129
		72215	Wakefield town	115
		72600	Waltham city	108
		73405	Watertown town	111
		73790	Wayland town	129
		77255	Weston town	129
		80230	Wilmington town	115
		80510	Winchester town	109
		81035	Woburn city	109

State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
25021	Norfolk, MA	07665	Braintree town	119
		09175	Brookline town	110
		11315	Canton town	130
		14640	Cohasset town	127
		16495	Dedham town	130
		17405	Dover town	130
		24820	Foxborough town	123
		25065	Franklin town	123
		30455	Holbrook town	119
		39765	Medfield town	130
		39975	Medway town	123
		41515	Millis town	130
		41690	Milton town	118
		44105	Needham town	130
		46050	Norfolk town	130
		50250	Norwood town	130
		55745	Quincy city	118
		55955	Randolph town	119
		60785	Sharon town	130
		67945	Stoughton town	123
		72495	Walpole town	130
		74175	Wellesley town	129
		78690	Westwood town	130
		78865	Weymouth town	119
		82315	Wrentham town	123

State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
25023	Plymouth, MA	11665	Carver town	127
		17895	Duxbury town	127
		28285	Hanover town	127
		30210	Hingham town	127
		31645	Hull town	127
		33220	Kingston town	127
		38855	Marshfield town	127
		50145	Norwell town	127
		52630	Pembroke town	127
		54310	Plymouth town	127
		57775	Rockland town	127
		60330	Scituate town	127
25025	Suffolk, MA	07000	Boston city	001,002,003, 004, 005
		13205	Chelsea city	114
		56585	Revere city	114
		80930	Winthrop town	114
25027	Worcester, MA	06365	Bolton town	129
		28950	Harvard town	129

* In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



9 Buffalo

9.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Buffalo metropolitan area (CMSA = 10 or PMSA = 1280). The 1983 OMB definition for the Buffalo metropolitan area is too small to show along with other geography variables found on the national file, but it is a component of the Buffalo-Niagara Falls CMSA along with the Buffalo, NY PMSA.

9.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first and only independent metropolitan area longitudinal oversample for the Buffalo metropolitan area was drawn in 1976 and was in place for the 1976, 1979, 1984, 1988, 1994, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,287	(X)
1979	5,240	97.14
1984	4,267	97.73
1988	3,800	96.89
1994	4,369	76.38
2002	4,555	95.92
2011	4,149	53.36

9.3 Metropolitan Area Definition (1976, 1979)

The definition of the Buffalo metropolitan area used in 1976 and 1979 AHS followed the 1971 OMB definition for the Buffalo, NY SMSA.

FIPS	County Name	AHS COUNTY
36029	Erie	999
36063	Niagara	

9.4 Metropolitan Area Definition (1984, 1988, 1994, 2002)

The definition of the Buffalo metropolitan area used in the 1984, 1988, 1994, and 2002 AHS followed the 1971 OMB definition for the Buffalo, NY SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
36029	Erie	029	001-003, 103-107
36063	Niagara	063	101, 102

9.5 Metropolitan Area Definition (2011)

The definition of the Buffalo metropolitan area used in 2011 AHS continued to follow the 1971 OMB definition for the Buffalo, NY SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
36029	Erie	029	001, 004, 103, 105, 107, 108, 990
36063	Niagara	063	101, 102, 990



10 Charlotte

10.1 National Longitudinal Sample (1985 – 2013)

For disclosure purposes, there are no records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Charlotte metropolitan area. The Charlotte metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Charlotte- Gastonia-Rock Hill, NC-SC MSA.

10.2 Independent Metropolitan Area Oversample Longitudinal History (1995 – 2011)

The first and only independent metropolitan area longitudinal oversample for the Charlotte metropolitan area was drawn in 1995 and was in place for the 1995, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,097	(X)
2002	5,119	80.04
2011	4,101	73.57

10.3 Metropolitan Area Definition (1995, 2002)

The definition of the Charlotte metropolitan area used in the 1995 and 2002 AHS followed the 1993 OMB definition for the Charlotte-Gastonia-Rock Hill, NC-SC MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
37025	Gaston, NC	950	103
37109	Lincoln, NC		
37025	Cabarrus, NC	951	104, 105
37159	Rowan, NC		
37119	Mecklenberg, NC	952	101, 201-204*
37179	Union, NC		
45091	York, SC	091	102

*There are no zones in the Charlotte metropolitan area that could be classified as wholly central city (zones with a value of less than 100). Any zone with a value above 200 represents an area that is mixed between central city and suburbs.

10.4 Metropolitan Area Definition (2011)

The definition of the Charlotte metropolitan area used in 2011 AHS followed the 2003 OMB definition for the Charlotte-Gastonia-Concord, NC-SC MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
37025	Cabarrus, NC	025	104*
37071	Gaston, NC	071	103
37119	Mecklenberg, NC	952	101, 201-204**
37007	Anson, NC		
37179	Union, NC		
45091	York, SC	091	102

*One record in 2011 is shown as being in ZONE 104 and COUNTY 951.

**There are no zones in the Charlotte metropolitan area that could be classified as wholly central city (zones with a value of less than 100). Any zone with a value above 200 represents an area that is mixed between central city and suburbs.



11 Chicago

11.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Chicago metropolitan area (SMSA = 0620, 1600, 3690, 3965, or 9991). The Chicago metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Aurora-Elgin, IL PMSA, Chicago, IL PMSA, Joliet, IL PMSA, and Lake County, IL PMSA, respectively (SMSA = 9991 includes the four PMSAs that make up the AHS definition of the Chicago metropolitan area).

11.2 Metropolitan/National Longitudinal Sample Longitudinal History (1975 – 2013)

The first independent metropolitan area longitudinal oversample for the Chicago metropolitan area was drawn in 1975 and was in place for the 1975, 1979, 1983, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	13,680	(X)
1979	16,270	84.02
1983	8,584	97.60
1987	3,402	92.15
1991	4,356	67.15

The second independent metropolitan area longitudinal oversample for the Chicago metropolitan area was drawn in 1995 and was in place for the 1995, 1999, and 2003 surveys. However, Chicago is one of the Big 6 metropolitan areas. As a result, for 1995, 1999, and 2003, the independent metropolitan area longitudinal oversample records were integrated into the national longitudinal sample PUFs. The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Chicago and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	3,215	(X)
1999	3,160	97.25
2003	3,179	99.40

The third independent metropolitan area longitudinal oversample for the Chicago metropolitan area was drawn in 2009 and was in place for the 2009 and 2013 surveys. Like the 1995-2003 Chicago oversample, the 2009-2013 oversample for Chicago records were integrated into the national longitudinal sample PUFs. However, the 2013 oversample includes additional housing units. As such, the amount of 2013 sample that is longitudinal with 2009 is limited (53 percent). The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Chicago and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
2009	2,708	(X)
2013	4,596	52.85



11.3 Metropolitan Area Definition (1975, 1979, 1983)

The definition of the Chicago metropolitan area used in 1975, 1979, and 1983 AHS followed the 1973 OMB definition for the Chicago, IL SMSA.

FIPS	County Name	AHS COUNTY
17031	Cook	031
17043	DuPage	043
17089	Kane	089
17097	Lake	097
17111	McHenry	999
17197	Will	999

11.4 Metropolitan Area Definition (1987, 1991)

The definition of the Chicago metropolitan area used in the 1987 and 1991 AHS followed the 1983 OMB definition for the following areas: Aurora-Elgin, IL PMSA, Chicago, IL PMSA, Joliet, IL PMSA, and Lake County, IL PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
17031	Cook	031	001-022, 106-108, 110-114, 121-125, 128-132
17043	DuPage	043	115-116, 118-120, 126
17089	Kane	089	109, 117
17097	Lake	097	102-105
17111	McHenry	111	101
17197	Will	963	127
17063	Grundy	963	127
17093	Kendall	963	127

11.5 Metropolitan Area Definition (1995, 1999, 2003)

In 1995, 1999, and 2003 the national AHS included oversample in the Chicago metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Chicago oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 1995, 1999, and 2003 Chicago area definition is listed in the table below, and continues to match the 1983 OMB definitions for the following PMSAs: Aurora-Elgin, IL PMSA (0620), Chicago, IL PMSA (1600), Joliet, IL PMSA (3690), and Lake County, IL PMSA (3965).

FIPS	County Name	AHS COUNTY	AHS ZONE
17031	Cook	(X)	(X)
17043	DuPage	(X)	(X)
17089	Kane	(X)	(X)
17097	Lake	(X)	(X)
17111	McHenry	(X)	(X)
17197	Will	(X)	(X)
17063	Grundy	(X)	(X)
17093	Kendall	(X)	(X)



11.6 Metropolitan Area Definition (2009, 2013)

In 2009 and 2013 the national AHS included oversample in the Chicago metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Chicago oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 2009 and 2013 Chicago area definition is listed in the table below, and continues to match the 1983 OMB definitions for the following PMSAs: Aurora-Elgin, IL PMSA (0620), Chicago, IL PMSA (1600), Joliet, IL PMSA (3690), and Lake County, IL PMSA (3965).

FIPS	County Name	AHS COUNTY	AHS ZONE
17031	Cook	(X)	(X)
17043	DuPage	(X)	(X)
17089	Kane	(X)	(X)
17097	Lake	(X)	(X)
17111	McHenry	(X)	(X)
17197	Will	(X)	(X)
17063	Grundy	(X)	(X)
17093	Kendall	(X)	(X)



12 Cincinnati

12.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Cincinnati metropolitan area (PMSA = 1640). The Cincinnati metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Cincinnati, OH-KY-IN PMSA.

12.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the Cincinnati metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,541	(X)
1978	5,423	83.70
1982	4,228	95.44
1986	3,303	84.95
1990	5,077	65.06

The second independent metropolitan area longitudinal oversample for the Cincinnati metropolitan area was drawn in 1998 and was in place for the 1998 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	5,041	(X)
2011	4,132	40.56

12.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the Cincinnati metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the Cincinnati, OH-KY-IN SMSA.

FIPS	County Name	AHS COUNTY
39061	Hamilton, OH	999
39025	Clermont, OH	
39165	Warren, OH	
21015	Boone, KY	
21037	Campbell, KY	
21117	Kenton, KY	



12.4 Metropolitan Area Definition (1986, 1990, 1998)

The definition of the Cincinnati metropolitan area used in the 1986, 1990, and 1998 AHS followed the 1983 OMB definition for the Cincinnati, OH-KY-IN PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
39061	Hamilton, OH	061	001-004, 101, 102, 103, 104
21015	Boone, KY	978	107, 108
21037	Campbell, KY		
21117	Kenton, KY		
18029	Dearborn, IN		
39025	Clermont, OH	979	105, 106
39165	Warren, OH		

12.5 Metropolitan Area Definition (2011)

The definition of the Cincinnati metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Cincinnati-Middletown, OH-KY-IN MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
39017	Butler, OH	017	112- 114
39061	Hamilton, OH	061	001, 003, 004, 101-104
21015	Boone, KY	978	107, 108
21037	Campbell, KY		
21117	Kenton, KY		
18029	Dearborn, IN		
39025	Clermont, OH	979	105, 106
39165	Warren, OH		
18047	Franklin, IN	945	115
18115	Ohio, IN		
21023	Bracken, KY		
21077	Gallatin, KY		
21081	Grant, KY		
21191	Pendleton, KY		
39015	Brown, OH		



13 Cleveland

13.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Cleveland metropolitan area (SMSA = 1680). The Cleveland metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Cleveland, OH PMSA.

13.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first independent metropolitan area longitudinal oversample for the Cleveland metropolitan area was drawn in 1976 and was in place for the 1976, 1979, 1984, 1988, and 1992 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,229	(X)
1979	5,215	95.92
1984	4,203	97.57
1988	3,744	97.09
1992	4,767	78.54

The second independent metropolitan area longitudinal oversample for the Cleveland metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,742	(X)
2004	4,722	94.90
2011	4,129	54.88

13.3 Metropolitan Area Definition (1976, 1979)

The definition of the Cleveland metropolitan area used in the 1976 and 1979 AHS followed the 1971 OMB definition for the Cleveland, OH SMSA.

FIPS	County Name	AHS COUNTY
39035	Cuyahoga	035
39055	Geauga	999
39085	Lake	999
39103	Medina	999

13.4 Metropolitan Area Definition (1984, 1988, 1992)

The definition of the Cleveland metropolitan area used in the 1984, 1988, and 1992 AHS followed the 1983 OMB definition for the Cleveland, OH PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
39035	Cuyahoga	035	001-005, 101-108
39055	Geauga	992	109
39085	Lake	992	110



FIPS	County Name	AHS COUNTY	AHS ZONE
39103	Medina	992	111

13.5 Metropolitan Area Definition (1996, 2004)

The definition of the Cleveland metropolitan area used in 1996 and 2004 AHS followed the 1993 OMB definition for the Cleveland-Lorain-Elyria, OH PMSA, with the exception that the AHS definition excludes Lorain county.

FIPS	County Name	AHS COUNTY	AHS ZONE
39035	Cuyahoga	035	001-005, 101-108
39055	Geauga	992	109-112
39085	Lake	992	109-112
39103	Medina	992	109-112
39007	Ashtabula	992*	109-112

*In 2004, most records in ZONE 112 showed a county value of 007.

13.6 Metropolitan Area Definition (2011)

The definition of the Cleveland metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Cleveland-Elyria-Mentor MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
39035	Cuyahoga	035	001-005, 101-108
39055	Geauga	992	109-111
39085	Lake	992	109-111
39093	Lorain	093	113-114
39103	Medina	992	109-111



14 Colorado Springs

14.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Colorado Springs metropolitan area (SMSA = 1720). The Colorado Springs metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Colorado Springs, CO MSA.

14.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 1978)

The first and only independent metropolitan area longitudinal oversample for the Colorado Springs metropolitan area was drawn in 1975 and was in place for the 1975 and 1978 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,623	(X)
1978	5,477	84.15

14.3 Metropolitan Area Definition (1975, 1978)

The definition of the Colorado Springs metropolitan area used in the 1975 and 1978 AHS followed the 1971 OMB definition for the Colorado Springs, CO SMSA.

FIPS	County Name	AHS COUNTY
18720	El Paso	999



15 Columbus

15.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Columbus metropolitan area (SMSA = 1840). The Columbus metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Columbus, OH MSA.

15.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the Columbus metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,541	(X)
1978	5,476	82.85
1982	4,250	95.06
1987	3,285	73.94
1991	4,286	66.12

The second independent metropolitan area longitudinal oversample for the Columbus metropolitan area was drawn in 1995 and was in place for the 1995, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,193	(X)
2002	4,936	84.95
2011	4,157	69.88

15.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the Columbus metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the Columbus, OH SMSA.

FIPS	County Name	AHS COUNTY
39049	Franklin	999
39041	Delaware	
39129	Pickaway	

15.4 Metropolitan Area Definition (1987, 1991)

The definition of the Columbus metropolitan area used in the 1987 and 1991 AHS followed the 1983 OMB definition for the Columbus, OH MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
39049	Franklin	962	001-004, 101, 103, 104
39041	Delaware		
39129	Pickaway		
39089	Licking	960	102



FIPS	County Name	AHS COUNTY	AHS ZONE
39159	Union		
39045	Fairfield	961	105
39097	Madison		

15.5 Metropolitan Area Definition (1995, 2002)

The definition of the Columbus metropolitan area used in the 1995 and 2002 AHS followed the 1993 OMB definition for the Columbus, OH MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
39049	Franklin	962	001-004, 101, 103, 104
39041	Delaware		
39129	Pickaway		
39089	Licking	089	102
39045	Fairfield	961	105
39097	Madison		

15.6 Metropolitan Area Definition (2011)

The definition of the Columbus metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Columbus, OH MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
39049	Franklin	962	001-004, 101, 103, 104
39041	Delaware		
39129	Pickaway		
39089	Licking	942	102
39117	Morrow		
39045	Fairfield	961	105
39097	Madison		

16 Dallas

16.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Dallas metropolitan area (SMSA = 1920). The Dallas metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for both the Dallas, TX PMSA.

16.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011)

The first and only independent metropolitan area longitudinal oversample for the Dallas metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1985, 1989, 1994, 2002 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,652	(X)
1977	5,166	82.38
1981	4,802	85.63
1985	3,276	79.15
1989	3,838	85.28
1994	4,712	81.45
2002	5,743	82.05
2011	3,827	75.96

16.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Dallas metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Dallas, TX SMSA.

FIPS	County Name	AHS COUNTY
48113	Dallas	999
48085	Collin	
48121	Denton	
48139	Ellis	
48257	Kaufman	
48397	Rockwell	

16.4 Metropolitan Area Definition (1985, 1989, 1994, 2002)

The definition of the Dallas metropolitan area used in the 1985, 1989, 1994, and 2002 AHS followed the 1983 OMB definition for the Dallas, TX PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48113	Dallas	113	001- 008, 103-106
48085	Collin	085	003*, 102
48121	Denton	121	101
48139	Ellis	987	107
48257	Kaufman	987	
48397	Rockwall	987	

*In 2002, 4 records in Collin county were incorrectly assigned to ZONE 003.



16.5 Metropolitan Area Definition (2011)

The definition of the Dallas metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Dallas-Plano-Irving, TX Metropolitan Division.

FIPS	County Name	AHS COUNTY	AHS ZONE
48113	Dallas	113	001- 008, 103-106
48085	Collin	085	102
48121	Denton	121	101
48139	Ellis	987	107
48257	Kaufman	987	107
48397	Rockwell	987	107
48231	Hunt	987	107
48119	Delta	987	107



17 Denver

17.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Denver metropolitan area (SMSA = 2080). The Denver metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Denver, CO PMSA.

17.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first independent metropolitan area longitudinal oversample for the Denver metropolitan area was drawn in 1976 and was in place for the 1976, 1979, 1983, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,326	(X)
1979	5,899	87.10
1983	4,312	90.10
1986	3,241	88.00
1990	4,942	65.58

The second independent metropolitan area longitudinal oversample for the Denver metropolitan area was drawn in 1995 and was in place for the 1995, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,326	(X)
2004	4,834	80.62
2011	3,777	86.63

17.3 Metropolitan Area Definition (1976, 1979, 1983)

The definition of the Denver metropolitan area used in the 1976, 1979, and 1983 AHS followed the 1971 OMB definition for the Denver, CO SMSA.

FIPS	County Name	AHS COUNTY
08031	Denver	031
08001	Adams	777
08005	Arapahoe	777
08013	Boulder	888
08059	Jefferson	888



17.4 Metropolitan Area Definition (1986, 1990)

The definition of the Denver metropolitan area used in the 1986 and 1990 AHS followed the 1983 OMB definition for the Denver, CO PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
08001	Adams	001	103
08005	Arapahoe	005*	104
08013	Boulder	013	105
08031	Denver	031	001-004
08035	Douglas	977	101, 102
08059	Jefferson		

*One record in AHS COUNTY 005 was incorrectly assigned to ZONE 103.

17.5 Metropolitan Area Definition (1995)

The definition of the Denver metropolitan area used in the 1995 AHS followed the 1993 OMB definition for the Denver, CO PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
08001	Adams	001	103
08005	Arapahoe	005	104
08031	Denver	031	001-004
08035	Douglas	977	101, 102
08059	Jefferson		

17.6 Metropolitan Area Definition (2004, 2011)

The definition of the Denver metropolitan area used in the 2004 and 2011 AHS followed the 2003 OMB definition for the Denver-Aurora, CO MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
08001	Adams	001	103
08005	Arapahoe	005	104
08031	Denver	031	001-004
08035	Douglas	977	101, 102
08039	Elbert		
08047	Gilpin		
08019	Clear Creek		
08059	Jefferson		
08093	Park		
08014	Broomfield *		

*The AHS differs from the 2009 OMB definition in that the AHS does not have the new county of Broomfield as part of the metropolitan area. The AHS continues to use the old county borders from before Broomfield's creation to make up its version of the Denver MSA.

18 Detroit

18.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Detroit metropolitan area (SMSA = 2160). The Detroit metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Detroit, MI PMSA.

18.2 Metropolitan/National Longitudinal Sample Longitudinal History (1974 – 2013)

The first independent metropolitan area longitudinal oversample for the Detroit metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1985, 1989, and 1993 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	13,804	(X)
1977	14,286	88.26
1981	5,299	96.68
1985	6,516	57.15
1989	3,839	85.36
1993	5,233	73.36

The second independent metropolitan area longitudinal oversample for the Detroit metropolitan area was drawn in 1995 and was in place for the 1995, 1999, and 2003 surveys. However, Detroit is one of the Big 6 metropolitan areas. As a result, for 1995, 1999, and 2003, the independent metropolitan area longitudinal oversample records were integrated into the national longitudinal sample PUFs. The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Detroit and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	2,029	(X)
1999	2,132	95.17
2003	2,186	97.53

The third independent metropolitan area longitudinal oversample for the Detroit metropolitan area was drawn in 2009 and was in place for the 2009 and 2013 surveys. Like the 1995-2003 Detroit oversample, the 2009-2013 oversample for Detroit records were integrated into the national longitudinal sample PUFs. However, the 2013 oversample includes additional housing units. As such, the amount of 2013 sample that is longitudinal with 2009 is limited (53 percent). The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Detroit and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
2009	2,712	(X)
2013	4,629	53.42

18.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Detroit metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1973 OMB definition for the Detroit, MI SMSA.



FIPS	County Name	AHS COUNTY
26163	Wayne	163
26099	Macomb	099
26125	Oakland	125

18.4 Metropolitan Area Definition (1985, 1989, 1993)

The definition of the Detroit metropolitan area used in the 1985, 1989, and 1993 AHS followed the 1983 OMB definition for the Detroit, MI PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
26163	Wayne	163	001-007, 112-119
26099	Macomb	099	109-111
26125	Oakland	125	103-108
26093	Livingston	093	102
26115	Monroe	115	120
26087	Lapeer	986	101
26147	St. Clair	986	101

18.5 Metropolitan Area Definition (1995, 1999, 2003)

In 1995, 1999, and 2003 the national AHS included oversample in the Detroit metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Detroit oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 1995, 1999, and 2003 Detroit area definition is listed in the table below, and continues to match the 1983 OMB definitions for the Detroit, MI PMSA (2160).

FIPS	County Name	AHS COUNTY	AHS ZONE
26163	Wayne	(X)	(X)
26099	Macomb	(X)	(X)
26125	Oakland	(X)	(X)
26093	Livingston	(X)	(X)
26115	Monroe	(X)	(X)
26087	Lapeer	(X)	(X)
26147	St. Clair	(X)	(X)



18.6 Metropolitan Area Definition (2009, 2013)

In 2009 and 2013 the national AHS included oversample in the Detroit metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Detroit oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 2009 and 2013 Detroit area definition is listed in the table below, and continues to match the 1983 OMB definitions for the Detroit, MI PMSA (2160).

FIPS	County Name	AHS COUNTY	AHS ZONE
26163	Wayne	(X)	(X)
26099	Macomb	(X)	(X)
26125	Oakland	(X)	(X)
26093	Livingston	(X)	(X)
26115	Monroe	(X)	(X)
26087	Lapeer	(X)	(X)
26147	St. Clair	(X)	(X)



19 Fort Worth

19.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Fort Worth metropolitan area (SMSA = 2800). The Fort Worth metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Fort Worth Metropolitan Statistical Area.

19.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011)

The first and only independent metropolitan area longitudinal oversample for the Fort Worth metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1985, 1989, 1994, 2002 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,739	(X)
1977	5,443	79.63
1981	5,137	84.35
1985	3,218	75.39
1989	3,767	85.27
1994	4,341	83.07
2002	5,053	85.83
2011	4,184	74.43

19.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Fort Worth metropolitan area used in 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Fort Worth, TX SMSA.

FIPS	County Name	AHS COUNTY
48439	Tarrant	999
48251	Johnson	999

19.4 Metropolitan Area Definition (1985, 1989, 1994)

The definition of the Fort Worth metropolitan area used in the 1985, 1989, and 1994 AHS followed the 1983 OMB definition for the Fort Worth-Arlington, TX PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48439	Tarrant	985	001-004,099, 101-102
48251	Johnson	985	101-102
48367	Parker	985	101-102



19.5 Metropolitan Area Definition (2002)

The definition of the Fort Worth metropolitan area used in the 2002 AHS followed the 1983 OMB definition for the Fort Worth-Arlington, TX PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48439	Tarrant	985	001-004, 101-102
48251	Johnson	985	101-102
48367	Parker	985	101-102

19.6 Metropolitan Area Definition (2011)

The definition of the Fort Worth metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Fort Worth-Arlington, TX Metropolitan Division.

FIPS	County Name	AHS COUNTY	AHS ZONE
48439	Tarrant	985	001-004, 101-102
48251	Johnson	985	101-102
48367	Parker	933	103
48497	Wise	933	103



20 Grand Rapids

20.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Grand Rapids metropolitan area (SMSA = 3000). The Grand Rapids metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Grand Rapids, MI MSA.

20.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 1980)

The first and only independent metropolitan area longitudinal oversample for the Grand Rapids metropolitan area was drawn in 1976 and was in place for the 1976 and 1980 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,145	(X)
1980	5,441	90.46

20.3 Grand Rapids Metropolitan Area Definition

The definition of the Grand Rapids metropolitan area used in the 1976 and 1980 AHS followed the 1971 OMB definition for the Grand Rapids, MI SMSA.

FIPS	County Name	AHS COUNTY
26081	Kent	999
26139	Ottawa	999



21 Hartford

21.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Hartford, CT metropolitan area (PMSA = 3280 or CMSA = 41). The Hartford metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Hartford, CT PMSA and Hartford-New Britain-Middletown, CT CMSA, respectively.

21.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013)

The first independent metropolitan area longitudinal oversample for the Hartford metropolitan area was drawn in 1975 and was in place for the 1975, 1979, 1983, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,706	(X)
1979	5,494	85.62
1983	4,287	95.82
1987	3,381	55.58
1991	4,266	68.50

The second independent metropolitan area longitudinal oversample for the Hartford metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,662	(X)
2004	4,728	92.98
2013	4,440	78.04

21.3 Metropolitan Area Definition (1975, 1979, 1983)

The definition of the Hartford metropolitan area used in the 1975, 1979, and 1983 AHS followed the 1971 OMB definition for the Hartford, CT SMSA.

21.4 Metropolitan Area Definition (1987, 1991)

The definition of the Hartford metropolitan area used in the 1987 and 1991 AHS followed the 1983 OMB definition for the Hartford-New Britain-Middletown, CT CMSA.

21.5 Metropolitan Area Definition (1996, 2004)

The definition of the Hartford metropolitan area used in the 1996 and 2004 AHS matches the 1993 OMB definition for the Hartford, CT MSA.

21.6 Metropolitan Area Definition (2013)

The definition of the Hartford metropolitan area used in the 2013 AHS is the 2003 OMB definition for the Hartford-West Hartford-East Hartford, CT New England City and Town Area (NECTA).

State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
09003	Hartford, CT	02060	Avon town	101
		04300	Berlin town	105
		05910	Bloomfield town	101
		08490	Bristol city and town	106
		10100	Burlington town	106
		12270	Canton town	101
		22070	East Granby town	101
		22630	East Hartford town	103
		27600	Farmington town	101
		31240	Glastonbury town	102
		32640	Granby town	101
		37070	Hartford city and town	001
		37140	Hartland town	101
		44700	Manchester town	103
		45820	Marlborough town	105
		50440	New Britain city and town	105
		52140	Newington town	104
		60120	Plainville town	105
		65370	Rocky Hill town	104
		68940	Simsbury town	101
		70550	Southington town	106
		71390	South Windsor town	102
		82590	West Hartford town	104
		84900	Wethersfield town	104
		87000	Windsor town	101
09005	Litchfield, CT	02760	Barkhamsted town	101
		37280	Harwinton town	106
		51350	New Hartford town	101
		60750	Plymouth town	106
		75730	Thomaston town	106
09007	Middlesex, CT	18080	Cromwell town	104
		22280	East Haddam town	105
		22490	East Hampton town	105
		35230	Haddam town	105
		47080	Middlefield town	105
		47360	Middletown city and town	105
		61800	Portland town	105
09011	New London, CT	15910	Colchester town	105
		42390	Lebanon town	105

State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
09013	Tolland, CT	01080	Andover town	102
		06260	Bolton town	102
		16400	Columbia town	105
		17800	Coventry town	102
		25360	Ellington town	102
		37910	Hebron town	105
		44910	Mansfield town	102
		72090	Stafford town	102
		76290	Tolland town	102
		77830	Union town	102
		78250	Vernon town	102
		85950	Willington town	102
09015	Windham, CT	01430	Ashford town	102

* In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



22 Honolulu

22.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Honolulu metropolitan area (SMSA = 3320). The Honolulu metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Honolulu, HI MSA.

22.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 1983)

The first and only independent metropolitan area longitudinal oversample for the Honolulu metropolitan area was drawn in 1976 and was in place for the 1976, 1979, and 1983 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,048	(X)
1979	5,155	91.64
1983	4,274	92.89

22.3 Metropolitan Area Definition (1976, 1979, 1983)

The definition of the Honolulu metropolitan area used in the 1976, 1979, and 1983 AHS followed the 1971 OMB definition for the Honolulu, HI SMSA.

FIPS	County Name	AHS COUNTY
15003	Honolulu	999



23 Houston

23.1 National Longitudinal Sample (1985–2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Houston metropolitan area (SMSA = 3360). The Houston metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Houston, TX PMSA.

23.2 Independent Metropolitan Area Oversample Longitudinal History (1976–2013)

The first independent metropolitan area longitudinal oversample for the Houston metropolitan area was drawn in 1976 and was in place for the 1976, 1979, and 1983 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	17,386	(X)
1979	19,360	86.00
1983	4,165	92.56

The second independent metropolitan area longitudinal oversample for the Houston metropolitan area was drawn in 1987 and was in place for the 1987 and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1987	3,085	(X)
1991	3,637	72.34

The third longitudinal oversample for the Houston metropolitan area was drawn in 1998 and was in place for the 1998, 2007, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,819	(X)
2007	2,861	63.30
2013	3,613	69.08

23.3 Metropolitan Area Definition (1976, 1979, 1983)

The definition of the Houston metropolitan area used in the 1976, 1979, and 1983 AHS followed the 1973 OMB definition for the Houston, TX SMSA.

FIPS	County Name	AHS COUNTY
78039	Brazoria	999
48157	Fort Bend	
48201	Harris	
48291	Liberty	
48339	Montgomery	
48473	Waller	



23.4 Metropolitan Area Definition (1987, 1991)

The definition of the Houston metropolitan area used in the 1987 and 1991 AHS continued to follow the 1973 OMB SMSA definition for the Houston, TX SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48039	Brazoria	039	106
48157	Fort Bend	958	001-010, 101-105
48201	Harris		
48291	Liberty		
48339	Montgomery		
48473	Waller		

23.5 Metropolitan Area Definition (1998)

The definition of the Houston metropolitan area used in the 1998 AHS followed the 1993 OMB definition for the Houston, TX PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48157	Fort Bend	958	001-010, 101-105
48201	Harris		
48291	Liberty		
48339	Montgomery		
48473	Waller		
48071	Chambers	071	101

23.6 Metropolitan Area Definition (2007, 2013)

The definition of the Houston metropolitan area used in the 2007 and 2013 AHS followed the 2003 OMB definition for the Houston-Baytown-Sugar Land, TX MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48039	Brazoria	946	101, 107-110
48071	Chambers		
48167	Galveston		
48157	Fort Bend	958	001-010, 101-105
48201	Harris		
48291	Liberty		
48339	Montgomery		
48473	Waller		
48015	Austin		
48407	San Jacinto		

In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



24 Indianapolis

24.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Indianapolis metropolitan area (SMSA = 3480). The Indianapolis metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Indianapolis, IN MSA.

24.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first independent metropolitan area longitudinal oversample for the Indianapolis metropolitan area was drawn in 1976 and was in place for the 1976, 1980, 1984, 1988 and 1992 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,224	(X)
1980	5,363	92.56
1984	4,128	95.95
1988	3,901	91.87
1992	5,143	75.85

The second independent metropolitan area longitudinal oversample for the Indianapolis metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,797	(X)
2004	4,814	83.09
2011	4,144*	85.64

24.3 Metropolitan Area Definition (1976, 1980)

The definition of the Indianapolis metropolitan area used in the 1976 and 1980 AHS followed the 1971 OMB definition for the Indianapolis, IN SMSA.

FIPS	County Name	AHS COUNTY
18011	Boone	999
18057	Hamilton	999
18059	Hancock	999
18063	Hendricks	999
18081	Johnson	999
18097	Marion	999
18109	Morgan	999
18145	Shelby	999



24.4 Metropolitan Area Definition (1984, 1988, 1992)

The definition of the Indianapolis metropolitan area used in the 1984, 1988, and 1992 AHS followed the 1983 OMB definition for the Indianapolis, IN MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
18011	Boone	996	101
18057	Hamilton	995	102
18059	Hancock	995	102
18063	Hendricks	996	101
18081	Johnson	994	103
18097	Marion	997	005
18109	Morgan	994	103
18145	Shelby	994	103

24.5 Metropolitan Area Definition (1996, 2004)

The definition of the Indianapolis metropolitan area used in the 1996 and 2004 AHS followed the 1993 OMB definition for the Indianapolis, IN MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
18011	Boone	996	101
18057	Hamilton	995	102
18059	Hancock	995	102
18063	Hendricks	996	101
18081	Johnson	994	103
18095	Madison	095	104
18097	Marion	997	001-005
18109	Morgan	994	103
18145	Shelby	994	103



24.6 Metropolitan Area Definition (2011)

The definition of the Indianapolis metropolitan area used in the 2011 followed the 2003 OMB definition for the Indianapolis, IN MSA. Each pseudo code in this metropolitan area contains a part of Marion county.

This differs from other metropolitan areas where counties are not divided amongst pseudocounties. The breakdown of Marion county is as follows:

The central city part of Marion county (ZONES 001-005) was pseudo coded to 997.

Pseudo code 996 contains Boone county and Hendricks county and part of Marion county.

Pseudo code 995 contains Hamilton county and Hancock county and part of Marion county.

Pseudo code 994 contains Brown county, Putnam county, Johnson county, Morgan county, Shelby county, and part of Marion county.

FIPS	County Name	AHS COUNTY	AHS ZONE
18011	Boone	996	101
18013	Brown	994	103
18057	Hamilton	995	102
18059	Hancock	995	102
18063	Hendricks	996	101
18081	Johnson	994	103
18097	Marion	994, 995, 996, 997	001-005
18109	Morgan	994	103
18133	Putnam	994	103
18145	Shelby	994	103



25 Jacksonville

25.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Jacksonville metropolitan area (SMSA = 3600). The Jacksonville metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Jacksonville, FL MSA.

25.2 Independent Metropolitan Area Oversample Longitudinal History (2013)

The first and only independent metropolitan area longitudinal oversample for the Jacksonville metropolitan area was drawn in 2013. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,223	(X)

25.3 Metropolitan Area Definition (2013)

The definition of the Jacksonville metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Jacksonville, FL MSA.

FIPS	County Name
12003	Backer
12019	Clay
12031	Duval
12089	Nassau
12109	St. Johns

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



26 Kansas City

26.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Kansas City metropolitan area (SMSA = 3760). The Kansas City metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Kansas City, MO PMSA.

26.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the Kansas City metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,467	(X)
1978	5,374	83.05
1982	4,085	96.11
1986	3,411	72.97
1990	5,402	63.14

The second independent metropolitan area longitudinal oversample for the Kansas City metropolitan area was drawn in 1995 and was in place for the 1995, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,232	(X)
2002	4,830	87.62
2011	3,978	71.92

26.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the Kansas City metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the Kansas City, MO-KS SMSA.

FIPS	County Name	AHS COUNTY
29047	Clay, MO	999
29095	Jackson, MO	
29165	Platte, MO	
29037	Cass, MO	
20091	Johnson, KS	
20209	Wyandotte, KS	



26.4 Metropolitan Area Definition (1986, 1990)

The definition of the Kansas City metropolitan area used in the 1986 and 1990 AHS followed the 1983 OMB definition for the Kansas City, MO PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
29095	Jackson, MO	095	001-003, 102, 103
29047	Clay, MO	976	003, 101
29165	Platte, MO		
29037	Cass, MO		
29107	Lafayette, MO		
29177	Ray, MO		
20091	Johnson, KS	975	104-106
20103	Leavenworth, KS		
20121	Miami, KS		
20209	Wyandotte, KS		

26.5 Metropolitan Area Definition (1995, 2002)

The definition of the Kansas City metropolitan area used in the 1995 and 2002 AHS followed the 1993 OMB definition for the Kansas City, MO-KS MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
29095	Jackson, MO	095	001- 003, 102, 103
29047	Clay, MO	976	003, 107, 108
29165	Platte, MO		
29037	Cass, MO		
29049	Clinton, MO		
29107	Lafayette, MO		
29177	Ray, MO		
20091	Johnson, KS	975	104-106
20103	Leavenworth, KS		
20121	Miami, KS		
20209	Wyandotte, KS		



26.6 Metropolitan Area Definition (2011)

The definition of the Kansas City metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Kansas City, MO-KS MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
29047	Clay, MO	976	003, 004, 102, 103, 107, 108
29165	Platte, MO		
29013	Bates, MO		
29025	Caldwell, MO		
29037	Cass, MO		
29049	Clinton, MO		
29095	Jackson, MO		
29107	Lafayette, MO		
29177	Ray, MO		
20059	Franklin, KS	975	104-106
20091	Johnson, KS		
20103	Leavenworth, KS		
20107	Linn, KS		
20121	Miami, KS		
20209	Wyandotte, KS		



27 Las Vegas

27.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Las Vegas metropolitan area (SMSA = 4120). The Las Vegas metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Las Vegas, NV MSA.

27.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2013)

The first independent metropolitan area longitudinal oversample for the Las Vegas metropolitan area was drawn in 1976 and was in place for the 1976 and 1979 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,401	(X)
1979	6,983	74.68

The second independent metropolitan area longitudinal oversample for the Las Vegas metropolitan area was drawn for the 2013 survey. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,121	(X)

27.3 Metropolitan Area Definition (1976, 1979)

The definition of the Las Vegas metropolitan area used in the 1976 and 1979 AHS followed the 1973 OMB definition for the Las Vegas, NV SMSA.

FIPS	County Name	AHS COUNTY
32003	Clark	999

27.4 Metropolitan Area Definition (2013)

The definition of the Las Vegas metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Las Vegas-Paradise, NV MSA.

FIPS	County Name
32003	Clark

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



28 Louisville

28.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Louisville metropolitan area (SMSA = 4520). The Louisville metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Louisville, KY-IN MSA.

28.2 Independent Metropolitan Area Oversample Longitudinal History (1976-2013)

The first independent metropolitan area longitudinal oversample for the Louisville metropolitan area was drawn in 1976 and was in place for the 1976, 1980, and 1983 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,258	(X)
1980	5,352	94.11
1983	4,276	97.85

The second independent metropolitan area longitudinal oversample for the Louisville metropolitan area was drawn in 2013. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,197	(X)

28.3 Metropolitan Area Definition (1976, 1980, 1983)

The definition of the Las Vegas metropolitan area used in the 1976, 1980, and 1983 AHS followed the 1971 OMB definition for the Louisville, KY-IN SMSA.

FIPS	County Name	AHS COUNTY
18019	Clark, IN	999
18043	Floyd, IN	
21111	Jefferson, KY	



28.4 Metropolitan Area Definition (2013)

The definition of the Louisville metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Louisville, KY-IN.

FIPS	County Name
18019	Clark, IN
21111	Jefferson, KY
21029	Bullitt, KY
21163	Meade, KY
21179	Nelson, KY
21215	Spencer, KY
21223	Trimble, KY
21103	Henry, KY
21185	Oldham, KY
21211	Shelby, KY
18043	Floyd, IN
18175	Washington, IN
18061	Harrison, IN

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



29 Los Angeles

29.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Los Angeles metropolitan area (SMSA = 4480). The Los Angeles metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Los Angeles-Long Beach, CA PMSA.

29.2 Metropolitan/National Longitudinal Sample Longitudinal History (1974 – 2011)

The first independent metropolitan area longitudinal oversample for the Los Angeles metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1980, 1985, and 1989 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	13,916	(X)
1977	14,538	87.43
1980	14,918	95.23
1985	6,572	95.57
1989	3,798	88.47

The second independent metropolitan area longitudinal oversample for the Los Angeles metropolitan area was drawn in 1995 and was in place for the 1995, 1999, and 2003 surveys. However, Los Angeles is one of the Big 6 metropolitan areas. As a result, for 1995, 1999, and 2003, the independent metropolitan area longitudinal oversample records were integrated into the national longitudinal sample PUFs. The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Los Angeles and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	3,612	(X)
1999	3,705	97.38
2003	3,717	99.68

The third independent metropolitan area longitudinal oversample for the Los Angeles metropolitan area was drawn in 2011. Like the 1995-2003 Los Angeles oversample, the 2011 oversample for Los Angeles records were integrated into the national longitudinal sample PUFs. Only the Los Angeles sample that was part of the base national sample is longitudinal between the 2003 and 2011 waves.

Year	Sample Size	Percent of Sample in Common with Prior Year
2011	4,463	(X)



29.3 Metropolitan Area Definition (1974, 1977, 1980)

The definition of the Los Angeles metropolitan area used in the 1974, 1977, and 1980 AHS followed the 1971 OMB definition for the Los Angeles-Long Beach, CA SMSA.

FIPS	County Name	AHS COUNTY
06037	Los Angeles	999

29.4 Metropolitan Area Definition (1985, 1989)

The definition of the Los Angeles metropolitan area used in the 1985 and 1989 AHS continued to follow the 1971 OMB definition for the Los Angeles-Long Beach, CA SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06037	Los Angeles	037	001-023, 101-121

29.5 Metropolitan Area Definition (1995, 1999, 2003)

In 1995, 1999, and 2003 the national AHS included oversample in the Los Angeles metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Los Angeles oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 1995, 1999, and 2003 Los Angeles area definition is listed in the table below, and continues to match the 1971 OMB definitions for the Los Angeles-Long Beach, CA SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06037	Los Angeles	(X)	(X)

29.6 Metropolitan Area Definition (2011)

In 2011 the national AHS included oversample in the Los Angeles metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Los Angeles oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 2011 Los Angeles area definition is listed in the table below, and continues to match the 2003 OMB definitions for Los Angeles-Long Beach-Glendale Metropolitan Division.

FIPS	County Name	AHS COUNTY	AHS ZONE
06037	Los Angeles	(X)	(X)



30 Madison

30.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Madison metropolitan area (SMSA = 4720). The Madison metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Madison, WI MSA.

30.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 1981)

The first and only independent metropolitan area longitudinal oversample for the Madison metropolitan area was drawn in 1975 and was in place for the 1975, 1977, and 1981 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,766	(X)
1977	5,258	82.83
1981	4,604	92.09

30.3 Metropolitan Area Definition (1975, 1977, 1981)

The definition of the Madison metropolitan area used in the 1975, 1977, and 1981 AHS followed the 1971 OMB definition for the Madison, WI SMSA.

FIPS	County Name	AHS COUNTY
55025	Dane	999



31 Memphis

31.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Memphis metropolitan area (SMSA = 4920). The Memphis metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Memphis, TN-AR-MS MSA.

31.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011)

The first independent metropolitan area longitudinal oversample for the Memphis metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1980, 1984, 1988, and 1992 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,462	(X)
1977	4,936	82.29
1980	5,452	87.09
1984	4,311	88.26
1988	4,123	90.90
1992	5,438	75.82

The second independent metropolitan area longitudinal oversample for the Memphis metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,768	(X)
2004	4,644	85.53
2011	4,233	71.04

31.3 Metropolitan Area Definition (1974)

The definition of the Memphis metropolitan area used in the 1974 AHS followed the 1971 OMB definition for the Memphis, TN-AR SMSA.

FIPS	County Name	AHS COUNTY
47157	Shelby, TN	999
05035	Crittenden, AR	



31.4 Metropolitan Area Definition (1977, 1980)

The definition of the Memphis metropolitan area used in the 1977 and 1980 AHS followed the 1973 OMB definition for the Memphis, TN-AR-MS SMSA.

FIPS	County Name	AHS COUNTY
47157	Shelby, TN	999
47167	Tipton, TN	
05035	Crittenden, AR	
28033	DeSoto, MS	

31.5 Metropolitan Area Definition (1984, 1988, 1992)

The definition of the Memphis metropolitan area used in the 1984, 1988, and 1992 AHS continued to follow the 1973 OMB definition for the Memphis, TN-AR-MS SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
47157	Shelby, TN	999	001-005, 101
47167	Tipton, TN		
05035	Crittenden, AR		
28033	DeSoto, MS		

31.6 Metropolitan Area Definition (1996)

The definition of the Memphis metropolitan area used in the 1996 AHS followed the 1993 OMB definition for the Memphis, TN-AR-MS MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
47157	Shelby, TN	948	001-005, 102
47167	Tipton, TN		
47047	Fayette, TN		
05035	Crittenden, AR	035	103
28033	DeSoto, MS	033	103

31.7 Metropolitan Area Definition (2004)

The definition of the Memphis metropolitan area used in the 2004 AHS followed the 1993 OMB definition for the Memphis, TN-AR-MS MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
47157	Shelby, TN	999	001-005, 102-103
47167	Tipton, TN		
47047	Fayette, TN		
05035	Crittenden, AR		
28033	DeSoto, MS		
28093	Marshall, MS		
28137	Tate, MS		
28143	Tunica, MS		



31.8 Metropolitan Area Definition (2011)

The definition of the Memphis metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Memphis, TN-MS-AR MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
47157	Shelby, TN	948	002, 003, 005, 006, 102
47167	Tipton, TN		
47047	Fayette, TN		
05035	Crittenden, AR	934	103
28033	DeSoto, MS		
28093	Marshall, MS		
28137	Tate, MS		
28143	Tunica, MS		



32 Miami

32.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Miami metropolitan area (SMSA = 5000 or CMSA = 56). The Miami metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Miami-Hialeah, FL PMSA and the Miami-Fort Lauderdale, FL CMSA, respectively.

32.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013)

The first independent metropolitan area longitudinal oversample for the Miami metropolitan area was drawn in 1975 and was in place for 1975, 1979, 1983, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,305	(X)
1979	5,575	77.15
1983	4,258	91.78
1986	3,222	57.08
1990	5,508	58.50

The second independent metropolitan area longitudinal oversample for the Miami metropolitan area was drawn in 1995 and was in place for the 1995, 2002, 2007, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,287	(X)
2002	4,770	89.87
2007	2,647	67.17
2013	3,558	95.54

32.3 Metropolitan Area Definition (1975, 1979, 1983)

The definition of the Miami metropolitan area used in the 1975, 1979, and 1983 AHS followed the 1971 OMB definition for the Miami, FL SMSA.

FIPS	County Name	AHS COUNTY
12025	Dade	025



32.4 Metropolitan Area Definition (1986, 1990, 1995, 2002)

The definition of the Miami metropolitan area used in 1986, 1990, 1995, and 2002 AHS followed the 1983 OMB definition for the Miami-Fort Lauderdale, FL CMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
12025	Dade	025	001-003, 101-108
12011	Broward	011	004-005, 109

32.5 Metropolitan Area Definition (2007, 2013)

The definition of the Miami metropolitan area used in 2007 and 2013 AHS followed the 2003 OMB definition for the Miami-Fort Lauderdale-Miami Beach, FL MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
12086	Miami-Dade**	086	101-108
12011	Broward	011	004-005, 109
12099	Palm Beach	099	110-120

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.

**In 1997, Dade county was renamed to Miami-Dade county and the county codes reflect this change starting on the 2007 file.



33 Milwaukee

33.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Milwaukee metropolitan area (SMSA = 5080). The Milwaukee metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Milwaukee, WI PMSA.

33.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first and only independent metropolitan area longitudinal oversample for the Milwaukee metropolitan area was drawn in 1975 and was in place for the 1975, 1979, 1984, 1988, 1994, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,720	(X)
1979	5,541	85.13
1984	4,222	96.54
1988	3,839	95.99
1994	4,419	76.08
2002	4,823	91.62
2011	4,202	54.19

33.3 Metropolitan Area Definition (1975, 1979)

The definition of the Milwaukee metropolitan area used in the 1975 and 1979 AHS followed the 1971 OMB definition for the Milwaukee, WI SMSA.

FIPS	County Name	AHS COUNTY
55079	Milwaukee	079
55089	Ozaukee	999
55131	Washington	
55133	Waukesha	

33.4 Metropolitan Area Definition (1984, 1988, 1994, 2002, 2011)

The definition of the Milwaukee metropolitan area used in the 1984, 1988, 1994, 2002, and 2011 AHS followed the 1983 OMB definition for the Milwaukee, WI PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
55079	Milwaukee	079	001-006, 101-102
55133	Waukesha	133	104
55131	Washington	991	103
55089	Ozaukee	991	



34 Minneapolis-St. Paul

34.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Minneapolis-St. Paul metropolitan area (SMSA = 5120). The Minneapolis-St. Paul metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB Minneapolis-St. Paul, MN-WI MSA.

34.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013)

The first independent metropolitan area longitudinal oversample for the Minneapolis-St. Paul metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1985, 1989, and 1993 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,594	(X)
1977	4,827	87.01
1981	4,330	89.65
1985	3,762	75.54
1989	3,892	84.22
1993	5,308	73.31

The second independent metropolitan area longitudinal oversample for the Minneapolis-St. Paul metropolitan area was drawn in 1998 and was in place for the 2007 and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,796	(X)
2007	2,847	83.14
2013	3,990	65.74

34.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Minneapolis-St. Paul metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Minneapolis-St. Paul, MN SMSA.

FIPS	County Name	AHS COUNTY
27053	Hennepin, MN	053
27123	Ramsey, MN	999
27003	Anoka, MN	
27037	Dakota, MN	
27163	Washington, MN	



34.4 Metropolitan Area Definition (1985, 1989, 1993)

The definition of the Minneapolis-St. Paul metropolitan area used in the 1985, 1989, and 1993 AHS followed the 1983 OMB definition for the Minneapolis-St. Paul, MN-WI MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
27053	Hennepin, MN	053	001-003, 101-104
27123	Ramsey, MN	123	004-005, 105
27003	Anoka, MN*	003	106
27037	Dakota, MN	037	107
27163	Washington, MN	163	108
27019	Carver, MN	984	109
27025	Chisago, MN		
27059	Isanti, MN		
27139	Scott, MN		
27171	Wright, MN		
55109	St. Croix, WI		

*Note: One record in Anoka county was assigned ZONE 001 in 1993.

34.5 Metropolitan Area Definition (1998, 2007, 2013)

The definition of the Minneapolis-St. Paul metropolitan area used in the 1998, 2007, and 2013 AHS followed the 1993 OMB definition for the Minneapolis-St. Paul, MN-WI MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
27053	Hennepin, MN	053	001-003, 101-104
27123	Ramsey, MN	123	004-005, 105
27003	Anoka, MN	003	106
27037	Dakota, MN	037	107
27163	Washington, MN	163	108
27019	Carver, MN	984	109
27025	Chisago, MN		
27059	Isanti, MN		
27139	Scott, MN		
27141	Sherburne, MN		
27171	Wright, MN		
55093	Pierce, WI		
55109	St. Croix, WI		

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



35 Nashville

35.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Nashville metropolitan area (SMSA = 5360). The Nashville metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Nashville, TN MSA.

35.2 Independent Metropolitan Area Oversample Longitudinal History (2013)

The first and only independent metropolitan area longitudinal oversample for the Nashville metropolitan area was drawn in 2013. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,166	(X)

35.3 Metropolitan Area Definition (2013)

The definition of the Nashville metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Nashville-Davidson--Murfreesboro, TN Metropolitan Statistical Area.

FIPS	County Name
47015	Cannon
47021	Cheatham
47037	Davidson
47043	Dickson
47081	Hickman
47111	Macon
47147	Robertson
47149	Rutherford
47159	Smith
47165	Sumner
47169	Trousdale
47187	Williamson
47189	Wilson

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



36 New Orleans

36.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the New Orleans metropolitan area (SMSA = 5560). The New Orleans metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the New Orleans, LA MSA.

36.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the New Orleans metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,508	(X)
1978	5,550	81.12
1982	4,281	93.13
1986	3,319	88.04
1990	4,831	68.70

The second independent metropolitan area longitudinal oversample for the New Orleans metropolitan area was drawn in 1995 and was in place for the 1995, 2004, 2009, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,246	(X)
2004	4,516	94.02
2009	4,888	55.34
2011	4,545	97.40

36.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the New Orleans metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1973 OMB definition for the New Orleans, LA SMSA.

FIPS	Parish Name	AHS COUNTY
22051	Jefferson	999
22071	Orleans	071
22087	St. Bernard	999
22103	St. Tammany	999



36.4 Metropolitan Area Definition (1986, 1990)

The definition of the New Orleans metropolitan area used in the 1986 and 1990 AHS followed the 1983 OMB definition for the New Orleans, LA MSA.

FIPS	Parish Name	AHS COUNTY	AHS ZONE
22071	Orleans	071	001-005
22051	Jefferson	974	102-104
22087	St. Bernard		
22089	St. Charles		
22095	St. John the Baptist		
22103	St. Tammany	103	101

36.5 Metropolitan Area Definition (1995, 2004)

The definition of the New Orleans metropolitan area used in the 1995 and 2004 AHS followed the 1993 OMB definition for the New Orleans-Metairie-Kenner, LA MSA.

FIPS	Parish Name	AHS COUNTY	AHS ZONE
22071	Orleans	071	001- 005
22051	Jefferson	974	102- 104
22087	St. Bernard		
22089	St. Charles		
22095	St. John the Baptist		
22075	Plaquemines		
22093	St. James		
22103	St. Tammany	103	101

36.6 Metropolitan Area Definition (2009, 2011)

The definition of the New Orleans metropolitan area used in 2009 and 2011 AHS followed the 2003 OMB definition for the New Orleans-Metairie-Kenner, LA MSA. Zones 001, 002, and 003 were masked as zone 006 and zones 004 and 005 were masked into zone 007 in order to protect disclosure due to the decreased population in the New Orleans metropolitan area after Hurricane Katrina.

FIPS	Parish Name	AHS COUNTY	AHS ZONE
22071	Orleans	071	006, 007
22051	Jefferson	974	102-104
22087	St. Bernard		
22089	St. Charles		
22095	St. John the Baptist		
22075	Plaquemines		
22103	St. Tammany	103	101

37 New York

37.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the New York metropolitan area (SMSA =5380, 5600, or 9992). The New York metropolitan area definition used in the national longitudinal sample is the same as the New York portion of the 1983 OMB New York- Northern New Jersey-Long Island, NY-NJ-CT CMSA. This includes the following three PMSAs: the Nassau- Suffolk, NY PMSA; the New York, NY PMSA; and the Orange county, NY PMSA.

37.2 Metropolitan/National Longitudinal Sample Longitudinal History (1976 – 2013)

The first independent metropolitan area longitudinal oversample for the New York metropolitan area was drawn in 1976 and was in place for the 1976, 1980, 1983, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	16,121	(X)
1980	14,823	96.50
1983	8,573	98.25
1987	3,380	92.01
1991	4,698	70.73

The second independent metropolitan area longitudinal oversample for the New York metropolitan area was drawn in 1995 and was in place for the 1995, 1999, and 2003 surveys. However, New York is one of the Big 6 metropolitan areas. As a result, for 1995, 1999, and 2003, the independent metropolitan area longitudinal oversample records were integrated into the national longitudinal sample PUFs. The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in New York and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	2,602	(X)
1999	2,744	94.83
2003	2,801	97.97

The third independent metropolitan area longitudinal oversample for the New York metropolitan area was drawn in 2009 and was in place for the 2009 and 2013 surveys. Like the 1995-2003 New York oversample, the 2009-2013 oversample for Chicago records were integrated into the national longitudinal sample PUFs. However, the 2013 oversample includes additional housing units. As such, the amount of 2013 sample that is longitudinal with 2009 is limited (51 percent). The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in New York and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
2009	2,969	(X)
2013	4,814	50.81



37.3 Metropolitan Area Definition (1976, 1980, 1983)

The definition of the New York metropolitan area used in the 1976, 1980, and 1983 AHS followed the 1971 OMB definition for the New York, NY SMSA.

FIPS	County Name	AHS COUNTY
36005	Bronx	005
36047	Kings	047
36059	Nassau	059
36061	New York	061
36081	Queens	081
36085	Richmond	085
36087	Rockland	999
36103	Suffolk	103
36119	Westchester	999

37.4 Metropolitan Area Definition (1987, 1991)

The definition used in the AHS for New York in 1987 and 1991 matches the New York portion of the 1983 OMB New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA. This includes the following three PMSAs: the Nassau-Suffolk, NY PMSA; the New York, NY PMSA; and the Orange county, NY PMSA.

Beginning in 1987, the AHS definition for the New York metropolitan area used in the metro sample matches the definition used on the national file. This definition will remain the same through the remaining sample years (1987 to 2013).

FIPS	County Name	AHS COUNTY	AHS ZONE
36005	Bronx	(X)	(X)
36047	Kings	(X)	(X)
36059	Nassau	(X)	(X)
36061	New York	(X)	(X)
36071	Orange	(X)	(X)
36079	Putnam	(X)	(X)
36081	Queens	(X)	(X)
36085	Richmond	(X)	(X)
36087	Rockland	(X)	(X)
36103	Suffolk	(X)	(X)
36119	Westchester	(X)	(X)

37.5 Metropolitan Area Definition (1995, 1999, 2003)

In 1995, 1999, and 2003 the national AHS included oversample in the New York metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the New York oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 1995, 1999, and 2003 New York area definition is listed in the table below, and matches the New York portion of the 1983 OMB New York- Northern New Jersey-Long Island, NY-NJ-CT CMSA. This includes the following three PMSAs: the Nassau- Suffolk, NY PMSA (5380); the New York, NY PMSA (5600); and the Orange county, NY PMSA (5950).



FIPS	County Name	AHS COUNTY	AHS ZONE
36005	Bronx	(X)	(X)
36047	Kings	(X)	(X)
36059	Nassau	(X)	(X)
36061	New York	(X)	(X)
36071	Orange	(X)	(X)
36079	Putnam	(X)	(X)
36081	Queens	(X)	(X)
36085	Richmond	(X)	(X)
36087	Rockland	(X)	(X)
36103	Suffolk	(X)	(X)
36119	Westchester	(X)	(X)

37.6 Metropolitan Area Definition (2009, 2013)

In 2009 and 2013 the national AHS included oversample in the New York metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the New York oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 2009 and 2013 New York area definition is listed in the table below, and matches the New York portion of the 1983 OMB New York- Northern New Jersey-Long Island, NY-NJ-CT CMSA. This includes the following three PMSAs: the Nassau- Suffolk, NY PMSA (5380); the New York, NY PMSA (5600); and the Orange county, NY PMSA (5950).

FIPS	County Name	AHS COUNTY	AHS ZONE
36005	Bronx	(X)	(X)
36047	Kings	(X)	(X)
36059	Nassau	(X)	(X)
36061	New York	(X)	(X)
36071	Orange	(X)	(X)
36079	Putnam	(X)	(X)
36081	Queens	(X)	(X)
36085	Richmond	(X)	(X)
36087	Rockland	(X)	(X)
36103	Suffolk	(X)	(X)
36119	Westchester	(X)	(X)



38 Norfolk-Virginia Beach-Newport News

Note that although Norfolk, Newport News, and Virginia Beach were all part of the AHS metro sample beginning in 1975, OMB renamed and re-defined this area many times since 1971. This document will note any changes in definitions as they arrive and the names used throughout this document will reflect the names used in the AHS at that time.

In the first two years this metro sample was interviewed, 1975 and 1978, Newport News and Hampton were part of a separate SMSA and had a different 4-digit designation than the SMSA containing Norfolk and Virginia Beach. For the sake of continuity, in subsequent metro samples the old SMSA code (SMSA = 5680) continued to be used even after the definition had been updated to match OMB in 1984, that is until 2011 where the code was updated to 5720.

38.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Norfolk-Virginia Beach-Newport News metropolitan area (SMSA = 5720). The Norfolk-Virginia Beach-Newport News metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Norfolk-Virginia Beach-Newport News, VA MSA.

38.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the Newport News-Hampton/Norfolk-Virginia Beach metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1984, 1988, and 1992 surveys. The area was expanded and renamed in later years, but the sample remained longitudinal for counties that remained in common from 1975 through 1992. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	3,976	(X)
1978	4,615	86.13
1984	4,323	22.28
1988	4,321	86.35
1992	5,490	78.71

The second independent metropolitan area longitudinal oversample for the Norfolk-Virginia Beach metropolitan area was drawn in 1998 and was in place for the 1998 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,861	(X)
2011	4,249	81.9



38.3 Metropolitan Area Definition (1975, 1978)

The definition of the Newport News-Hampton metropolitan area used in the 1975 and 1978 AHS followed the 1971 OMB definition for the Newport News-Hampton, VA SMSA (SMSA = 5680).

FIPS	County Name	AHS COUNTY
51650	Hampton city, VA	999
51700	Newport News city, VA	999
51199	York, VA	999

38.4 Metropolitan Area Definition (1984, 1988, 1992)

The definition of the Norfolk-Virginia Beach-Newport News metropolitan area used in the 1984, 1988, and 1992 AHS followed the 1983 OMB definition for the Norfolk-Virginia Beach-Newport News, VA MSA (SMSA = 5720 and 5680).

FIPS	County Name	AHS COUNTY	AHS ZONE
51550	Chesapeake city, VA	989	101
51073	Gloucester, VA	990	102
51650	Hampton city, VA	990	102
51095	James City, VA	990	102
51700	Newport News city, VA	700	003
51710	Norfolk city, VA	710	001
51735	Poquoson city, VA	990	102
51740	Portsmouth city, VA	740	004
51800	Suffolk city, VA	989	101
51810	Virginia Beach city, VA	810	002
51830	Williamsburg city, VA	990	102
51199	York, VA	990	102



38.5 Metropolitan Area Definition (1998)

The definition of the Norfolk-Virginia Beach-Newport News metropolitan area used in the 1998 AHS followed the 1993 OMB definition for the Norfolk-Virginia Beach-Newport News, VA-NC MSA (SMSA = 5720 and 5680).

FIPS	County Name	AHS COUNTY	AHS ZONE
37053	Currituck, NC	989	101
51073	Gloucester, VA	990	102
51093	Isle of Wight, VA	989	101
51095	James City, VA	990	102
51115	Mathews, VA	990	102
51199	York, VA	990	102
51550	Chesapeake city, VA	989	101
51650	Hampton city, VA	990	102
51700	Newport News city, VA	700	003
51710	Norfolk city, VA	710	001
51735	Poquoson city, VA	990	102
51740	Portsmouth city, VA	740	004
51800	Suffolk city, VA	989	101
51810	Virginia Beach city, VA	810	002
51830	Williamsburg city, VA	990	102

38.6 Metropolitan Area Definition (2011)

The definition of the Virginia Beach-Norfolk-Newport News metropolitan area used in the 1998 AHS followed the 2003 OMB definition for the Virginia Beach-Norfolk-Newport News, VA-NC MSA (SMSA = 5720).

FIPS	County Name	AHS COUNTY	AHS ZONE
37053	Currituck, NC	989	101
51073	Gloucester, VA	990	102
51093	Isle of Wight, VA	989	101
51095	James City, VA	990	102
51115	Mathews, VA	990	102
51181	Surry, VA	990	102
51199	York, VA	990	102
51550	Chesapeake city, VA	989	101
51650	Hampton city, VA	990	102
51700	Newport News city, VA	700	003
51710	Norfolk city, VA	710	001
51735	Poquoson city, VA	990	102
51740	Portsmouth city, VA	740	004
51800	Suffolk city, VA	989	101
51810	Virginia Beach city, VA	810	002
51830	Williamsburg city, VA	990	102



39 Northern New Jersey

39.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Northern New Jersey metropolitan area (SMSA =5640, 0875, 5015, 3640, 5190, or 9993). The Northern New Jersey metropolitan area definition used in the national longitudinal sample is the same as the New Jersey portion of the 1983 OMB New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA. This includes the following PMSAs: the Newark, NJ PMSA; the Bergen-Passaic, NJ PMSA; the Middlesex- Somerset-Hunterdon, NJ PMSA; the Jersey City, NJ PMSA; and the Monmouth-Ocean, NJ PMSA.

39.2 Metropolitan/National Longitudinal Sample Longitudinal History (1974 – 2013)

Two metropolitan areas, Newark, NJ and Paterson-Clifton-Passaic, NJ, which eventually the Northern New Jersey metropolitan area, had their own samples drawn before becoming part of the “Big 6.”

The longitudinal oversample for the Newark, NJ metropolitan area was drawn in 1974 and was in place for the 1974, 1977, and 1981 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,598	(X)
1977	4,819	87.20
1981	3,946	97.29

The longitudinal oversample for the Paterson-Clifton-Passaic, NJ metropolitan area was drawn in 1975 and was in place for the 1975, 1978, and 1982 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,728	(X)
1978	5,280	89.45
1982	4,265	98.43

The first independent metropolitan area longitudinal oversample for the Northern New Jersey metropolitan area was drawn in 1987 and was in place for the 1987 and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1987	3,368	(X)
1991	4,658	72.31



The second independent metropolitan area longitudinal oversample for the Northern New Jersey metropolitan area was drawn in 1995 and was in place for the 1995, 1999, and 2003 surveys. However, Northern New Jersey is one of the Big 6 metropolitan areas. As a result, for 1995, 1999, and 2003, the independent metropolitan area longitudinal oversample records were integrated into the national longitudinal sample PUFs. The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Northern New Jersey and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	1,336	(X)
1999	1,453	91.95
2003	1,496	97.13

The third independent metropolitan area longitudinal oversample for the Northern New Jersey metropolitan area was drawn in 2009 and was in place for the 2009 and 2013 surveys. Like the 1995-2003 Northern New Jersey oversample, the 2009-2013 oversample for Northern New Jersey records were integrated into the national longitudinal sample PUFs. However, the 2013 oversample includes additional housing units. As such, the amount of 2013 sample that is longitudinal with 2009 is limited (51 percent). The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Chicago and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
2009	2,680	(X)
2013	4,741	50.71

39.3 Metropolitan Area Definition (1983)

The Northern New Jersey metropolitan area is made up of several SMSAs. Because Northern New Jersey is part of the “Big 6,” and as such is only made up of national records, COUNTY and ZONE information is not available for this area. The SMSAs of Northern New Jersey are made up of the following PMSAs: Newark, NJ PMSA (5640), Bergen-Passaic, NJ PMSA 0875), Middlesex-Somerset-Hunterdon, NJ PMSA (5015), Jersey City, NJ PMSA (3640), and Monmouth-Ocean, NJ PMSA (5190).

FIPS	County Name	AHS COUNTY	AHS ZONE
34003	Bergen, NJ	(X)	(X)
34013	Essex, NJ	(X)	(X)
34017	Hudson, NJ	(X)	(X)
34019	Hunterdon, NJ	(X)	(X)
34023	Middlesex, NJ	(X)	(X)
34025	Monmouth, NJ	(X)	(X)
34027	Morris, NJ	(X)	(X)
34029	Ocean, NJ	(X)	(X)
34031	Passaic, NJ	(X)	(X)
34035	Somerset, NJ	(X)	(X)
34037	Sussex, NJ	(X)	(X)
34039	Union, NJ	(X)	(X)



39.4 Metropolitan Area Definition (1995, 1999, 2003)

In 1995, 1999, and 2003 the national AHS included oversample in the Northern New Jersey metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Northern New Jersey oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 1995, 1999, and 2003 Northern New Jersey area definition is listed in the table below, and matches the New Jersey portion of the 1983 OMB New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA (as defined above), with the exception that the AHS definition excludes Warren county, NJ. This includes the following PMSAs: Newark, NJ PMSA (5640), Bergen-Passaic, NJ PMSA (0875), Middlesex-Somerset-Hunterdon, NY PMSA (5015), Jersey City, NJ PMSA (3640), Monmouth-Ocean, NJ PMSA (5190), and Trenton, NJ PMSA (8480).

FIPS	County Name	AHS COUNTY	AHS ZONE
34003	Bergen, NJ	(X)	(X)
34013	Essex, NJ	(X)	(X)
34017	Hudson, NJ	(X)	(X)
34019	Hunterdon, NJ	(X)	(X)
34021	Mercer, NJ	(X)	(X)
34023	Middlesex, NJ	(X)	(X)
34025	Monmouth, NJ	(X)	(X)
34027	Morris, NJ	(X)	(X)
34029	Ocean, NJ	(X)	(X)
34031	Passaic, NJ	(X)	(X)
34035	Somerset, NJ	(X)	(X)
34037	Sussex, NJ	(X)	(X)
34039	Union, NJ	(X)	(X)



39.5 Metropolitan Area Definition (2009, 2013)

In 2009 and 2013 the national AHS included oversample in the Northern New Jersey metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Northern New Jersey oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 2009 and 2013 Northern New Jersey area definition is listed in the table below, and matches the New Jersey portion of the 1983 OMB New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA (as defined above), with the exception that the AHS definition excludes Warren county, NJ. This includes the following PMSAs: Newark, NJ PMSA (5640), Bergen-Passaic, NJ PMSA (0875), Middlesex-Somerset-Hunterdon, NY PMSA (5015), Jersey City, NJ PMSA (3640), Monmouth-Ocean, NJ PMSA (5190), and Trenton, NJ PMSA (8480).

FIPS	County Name	AHS COUNTY	AHS ZONE
34003	Bergen, NJ	(X)	(X)
34013	Essex, NJ	(X)	(X)
34017	Hudson, NJ	(X)	(X)
34019	Hunterdon, NJ	(X)	(X)
34021	Mercer, NJ	(X)	(X)
34023	Middlesex, NJ	(X)	(X)
34025	Monmouth, NJ	(X)	(X)
34027	Morris, NJ	(X)	(X)
34029	Ocean, NJ	(X)	(X)
34031	Passaic, NJ	(X)	(X)
34035	Somerset, NJ	(X)	(X)
34037	Sussex, NJ	(X)	(X)
34039	Union, NJ	(X)	(X)



40 Oakland

40.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Oakland metropolitan area (SMSA = 5775). The Oakland metropolitan area definition used in the national longitudinal sample is based on the 1983 OMB definition for the Oakland, CA PMSA.

40.2 Independent Metropolitan Area Oversample Longitudinal History (1998 – 2011)

Between 1974 and 1993, the Oakland metropolitan area was included in the AHS definition of San Francisco. More information regarding those years can be found in the San Francisco section of this document.

Beginning in 1998, a new sample of the Oakland metropolitan area was drawn that was separate from the San Francisco sample. This sample was part of a panel that was interviewed in 1998 and 2011. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,753	(X)
2011*	3,994	88.18

*Does not include the records in the National sample that were part of the Oakland metropolitan area.

40.3 Metropolitan Area Definition (1998, 2011)

Beginning in 1998, the San Francisco and Oakland metropolitan areas were split into two separate surveys. These correspond to the 1983, 1993, and 2003 OMB definitions for the Oakland and San Francisco areas. The San Francisco section of this document has more information about the area in particular beginning with 1998. The AHS definition matches the 2003 OMB definition for the Oakland-Fremont-Hayward, CA Metropolitan Division.

FIPS	County Name	AHS COUNTY	AHS ZONE
06001	Alameda	001	007, 108-111
06013	Contra Costa	013	103-107

The 2011 AHS PUF included both national and metropolitan records for Oakland area. The definitions for each included the same counties because OMB did not change the MSA defined counties between 1983 and 2003.



41 Oklahoma City

41.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Oklahoma City metropolitan area (SMSA = 5880). The Oklahoma metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Oklahoma City, OK MSA

41.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2013)

The first independent metropolitan area longitudinal oversample for the Oklahoma metropolitan area was drawn in 1976 and was in place for the 1976, 1980, 1984, 1988, and 1992 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,328	(X)
1980	5,698	89.14
1984	4,407	76.36
1988	4,011	94.66
1992	5,201	77.08

The second independent metropolitan area longitudinal oversample for the Oklahoma metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,747	(X)
2004	4,829	87.49
2013	5,061	73.58

41.3 Metropolitan Area Definition (1976, 1980)

The definition of the Oklahoma metropolitan area used in the 1976 and 1980 AHS followed the 1971 OMB definition for the Oklahoma City, OK SMSA.

FIPS	County Name	AHS COUNTY
40109	Oklahoma	999
40017	Canadian	
40027	Cleveland	



41.4 Metropolitan Area Definition (1984, 1988, 1992, 1996, 2004)

The definition of the Oklahoma City metropolitan area used in the 1984, 1988, 1992, 1996, and 2004 AHS followed the 1983 OMB definition for the Oklahoma City, OK MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
40017	Canadian	988	001-003, 101-103
40027	Cleveland		
40083	Logan		
40087	McClain		
40109	Oklahoma		
40125	Pottawatomie		

41.5 Metropolitan Area Definition (2013)

The definition of the Oklahoma metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Oklahoma City, OK MSA.

FIPS	County Name
40017	Canadian
40027	Cleveland
40083	Logan
40087	McClain
40109	Oklahoma
40051	Grady
40081	Lincoln

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



42 Omaha

42.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Omaha metropolitan area (SMSA = 5920). The Omaha metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Omaha, NE-IA MSA.

42.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 1979)

The first and only independent metropolitan area longitudinal oversample for the Omaha metropolitan area was drawn in 1976 and was in place for the 1976 and 1979 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,219	(X)
1979	5,323	93.05

42.3 Metropolitan Area Definition (1976, 1979)

The definition of the Omaha metropolitan area used in the 1976 and 1979 AHS followed the 1973 OMB definition for the Omaha, NE-IA SMSA.

FIPS	County Name	AHS COUNTY
19155	Pottawattamie, IA	999
31153	Sarpy, NE	999
31055	Douglas, NE	999



43 Orlando

43.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Orlando metropolitan area (SMSA = 5960). The Orlando metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Orlando, FL MSA.

43.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013)

The first independent metropolitan area longitudinal oversample for the Orlando metropolitan area was drawn in 1974 and was in place for the 1974, 1977, and 1981 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	5,136	(X)
1977	5,118	80.53%
1981	4,659	86.76%

The second independent metropolitan area longitudinal oversample for the Orlando metropolitan area was drawn in 2013. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,129	(X)

43.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Orlando metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Orlando, FL SMSA.

FIPS	County Name	AHS COUNTY
12095	Orange	999
12117	Seminole	999

43.4 Metropolitan Area Definition (2013)

The definition of the Orlando metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Orlando, FL MSA.

FIPS	County Name
12069	Lake
12095	Orange
12097	Osceola
12117	Seminole

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



44 Philadelphia

44.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Philadelphia metropolitan area (SMSA = 6160). The Philadelphia metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Philadelphia, PA-NJ PMSA.

44.2 Metropolitan/National Longitudinal Sample Longitudinal History (1975 – 2013)

The first independent metropolitan area longitudinal oversample for the Philadelphia metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1985, and 1989 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	13,608	(X)
1978	16,327	83.27
1982	4,246	97.08
1985	6,774	48.44
1989	3,915	87.43

The second independent metropolitan area longitudinal oversample for the Philadelphia metropolitan area was drawn in 1995 and was in place for the 1995, 1999, and 2003 surveys. However, Philadelphia is one of the Big 6 metropolitan areas. As a result, for 1995, 1999, and 2003, the independent metropolitan area longitudinal oversample records were integrated into the national longitudinal sample PUFs. The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Philadelphia and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	2,060	(X)
1999	2,295	89.76
2003	2,353	97.54

The third independent metropolitan area longitudinal oversample for the Philadelphia metropolitan area was drawn in 2009 and was in place for the 2009 and 2013 surveys. Like the 1995-2003 Philadelphia oversample, the 2009-2013 oversample for Philadelphia records were integrated into the national longitudinal sample PUFs. However, the 2013 oversample includes additional housing units. As such, the amount of 2013 sample that is longitudinal with 2009 is limited (50 percent). The following table shows the sample sizes and percent of sample in common. These numbers include both the national longitudinal sample in Philadelphia and the longitudinal oversample that are used to make estimates.

Year	Sample Size	Percent of Sample in Common with Prior Year
2009	2,353	(X)
2013	4,628	49.85



44.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the Philadelphia metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1973 OMB SMSA definition for the area. This included the following counties:

FIPS	County Name	AHS COUNTY
42101	Philadelphia	101
42017	Bucks	017
42029	Chester	029
42045	Delaware	045
42091	Montgomery	091
34007	Camden	007
34015	Gloucester	999
34005	Burlington	999

44.4 Metropolitan Area Definition (1985, 1989)

The definition of the Philadelphia metropolitan area used in 1985 and 1989 AHS followed the 1983 OMB definition for the Philadelphia, PA-NJ PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
42101	Philadelphia	101	001-013, 099
42017	Bucks	017	105-107
42029	Chester	029	108-110
42045	Delaware	045	111-114
42091	Montgomery	091	101-104
34007	Camden	007	118-121
34015	Gloucester	999	122
34005	Burlington	999	115-117

44.5 Philadelphia Metropolitan Area Definition (1995, 1999, 2003)

In 1995, 1999, and 2003 the national AHS included oversample in the Philadelphia metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Philadelphia oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 1995, 1999, and 2003 Philadelphia area definition is listed in the table below, and matches the 1983 OMB definition for Philadelphia, PA-NJ PMSA (6160).

FIPS	County Name	AHS COUNTY	AHS ZONE
42101	Philadelphia	(X)	(X)
42017	Bucks	(X)	(X)
42029	Chester	(X)	(X)
42045	Delaware	(X)	(X)
42091	Montgomery	(X)	(X)
34007	Camden	(X)	(X)
34015	Gloucester	(X)	(X)
34005	Burlington	(X)	(X)



44.6 Metropolitan Area Definition (2009, 2013)

In 2009 and 2013 the national AHS included oversample in the Philadelphia metropolitan area that allowed the AHS to provide metro level statistics from the national level dataset. AHS County and ZONE variables are excluded from the files with the Philadelphia oversample because they would have violated Census disclosure rules when combined with other national only geography variables such as urban/rural status. The 2009 and 2013 Philadelphia area definition is listed in the table below, and matches the 1983 OMB definition for Philadelphia, PA-NJ PMSA (6160).

FIPS	County Name	AHS COUNTY	AHS ZONE
42101	Philadelphia	(X)	(X)
42017	Bucks	(X)	(X)
42029	Chester	(X)	(X)
42045	Delaware	(X)	(X)
42091	Montgomery	(X)	(X)
34007	Camden	(X)	(X)
34015	Gloucester	(X)	(X)
34005	Burlington	(X)	(X)



45 Phoenix

45.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Phoenix metropolitan area (SMSA = 6200). The Phoenix metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Phoenix, AZ MSA.

45.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011)

The first and only independent metropolitan area longitudinal oversample for the Phoenix metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1985, 1989, 1994, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,672	(X)
1977	5,565	76.86
1981	5,612	80.06
1985	3,645	78.77
1989	4,001	80.53
1994	4,977	80.39
2002	5,056	74.51
2011	3,731	74.30

45.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Phoenix metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Phoenix, AZ SMSA.

FIPS	County Name	AHS COUNTY
04013	Maricopa	999

45.4 Metropolitan Area Definition (1985, 1989, 1994, 2002)

The definition of the Phoenix metropolitan area used in the 1985, 1989, 1994, and 2002 AHS followed the 1983 OMB definition for the Phoenix, AZ MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
04013	Maricopa	013	001-008, 101-103, 99*, 199*

*ZONE codes of 99 and 199 indicate there was insufficient data to assign a ZONE.

45.5 Metropolitan Area Definition (2011)

The definition of the Phoenix metropolitan area used in the 2011 AHS followed the 2003 OMB SMSA definition for the Phoenix, AZ MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
04013	Maricopa	013	001-008, 101-103
04021	Pinal	021	104



46 Pittsburgh

46.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Pittsburgh metropolitan area (SMSA = 6280 or SMSA = 0845). The Pittsburgh metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for both the Beaver County, PA PMSA and the Pittsburgh, PA PMSA.

46.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2011)

The first independent metropolitan area longitudinal oversample for the Pittsburgh metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,762	(X)
1977	4,902	89.07
1981	4,150	94.41
1986	3,185	80.75
1990	4,688	67.94

The second independent metropolitan area longitudinal oversample for the Pittsburgh metropolitan area was drawn in 1995 and was in place for the 1995, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,435	(X)
2004	4,723	93.90
2011	3,955	69.00

46.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Pittsburgh metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Pittsburgh, PA SMSA.

FIPS	County Name	AHS COUNTY
42003	Allegheny	003
42007	Beaver	999
42125	Washington	125
42129	Westmoreland	129



46.4 Metropolitan Area Definition (1986, 1990)

The definition of the Pittsburgh metropolitan area used in the 1986 and 1990 AHS followed the 1983 OMB definition for the Pittsburgh, PA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
42007	Beaver	007	101
42003	Allegheny	003	001-004, 102-107
42051	Fayette	051	110
42125	Washington	125	108
42129	Westmoreland	129	109

46.5 Metropolitan Area Definition (1995, 2004)

The definition of the Pittsburgh metropolitan area used in the 1995 and 2004 AHS followed the 1993 OMB definition for the Pittsburgh, PA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
42007	Beaver	007	101
42003	Allegheny	003	001-004, 102-107
42051	Fayette	051	110
42125	Washington	125	108
42129	Westmoreland	129	109
42019	Butler	019	111

46.6 Metropolitan Area Definition (2011)

The definition of the Pittsburgh metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Pittsburgh, PA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
42007	Beaver	007	101
42003	Allegheny	003	002-004, 102-107
42051	Fayette	051	110
42129	Westmoreland	129	109
42019	Butler	019	111
42005	Armstrong	938	108
42125	Washington		



47 Portland

47.1 National Longitudinal Sample

There are no records in the national longitudinal sample that are identified as belonging to the Portland metropolitan area.

47.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the Portland metropolitan area (SMSA = 6440) was drawn in 1975 and was in place for the 1975, 1979, 1983, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,709	(X)
1979	6,097	77.17
1983	4,214	94.87
1986	3,248	91.10
1990	5,055	64.25

The second independent metropolitan area longitudinal oversample for the Portland metropolitan area was drawn in 1995 and was in place for the 1995, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,186	(X)
2002	4,917	85.13
2011	4,019	84.42

47.3 Metropolitan Area Definition (1975, 1979, 1983)

The definition of the Portland metropolitan area used in the 1975, 1979, and 1983 AHS followed the 1971 OMB definition for the Portland, OR-WA SMSA, with the exception that the AHS excludes Clark county, WA.

FIPS	County Name	AHS COUNTY
41051	Multnomah	999
41009	Clackamas	999
41067	Washington	999



47.4 Metropolitan Area Definition (1986, 1990, 1995)

The definition of the Portland metropolitan area used in the 1986, 1990, and 1995 AHS followed the 1983 OMB definition for the Portland-Vancouver, OR-WA CMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
53011	Clark, WA	011	101
41051	Multnomah, OR	973	103-104
41009	Clackamas, OR	973	103-104
41067	Washington, OR	972	102
41071	Yamhill, OR	972	102

47.5 Metropolitan Area Definitions (2002)

The definition of the Portland metropolitan area used in the 2002 AHS followed the 1993 OMB definition for the Portland-Vancouver, OR-WA PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
53011	Clark, WA	011	101
41051	Multnomah, OR	973	001- 003, 103-104
41009	Clackamas, OR	973	001- 003, 103-104
41067	Washington, OR	067	001, 105
53013	Columbia, WA	972	106
41071	Yamhill, OR	972	106

47.6 Metropolitan Area Definitions (2011)

The definition of the Portland metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Portland-Vancouver-Beaverton, OR-WA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
53011	Clark, WA	944	101
41051	Multnomah, OR	973	001-003, 103-104
41009	Clackamas, OR	973	001-003, 103-104
41067	Washington, OR	067	105
53013	Columbia, WA	972	106
41071	Yamhill, OR	972	106
53059	Skamania, WA	944	101



48 Providence

48.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Providence metropolitan area (PMSA = 6480 or CMSA = 80). The Providence metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for both the Providence, RI PMSA and the Providence-Pawtucket-Fall River, RI-MA CMSA.

48.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first independent metropolitan area longitudinal oversample for the Providence metropolitan area was drawn in 1976 and was in place for the 1976, 1980, 1984, 1988, and 1992 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,345	(X)
1980	5,408	94.38
1984	4,456	88.62
1988	4,163	92.94
1992	5,303	78.43

The second independent metropolitan area longitudinal oversample for the Providence metropolitan area was drawn in 1998 and was in place for the 1998 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,724	(X)
2011	4,368	55.79

48.3 Metropolitan Area Definition (1976, 1980)

The definition of the Providence metropolitan area used in the 1976 and 1980 AHS followed the 1971 OMB Providence-Pawtucket-Warwick, RI-MA Standard Metropolitan Statistical Area definition.

48.4 Metropolitan Area Definition (1984, 1988, 1992)

The definition of the Providence metropolitan area used in the 1984, 1988, and 1992 AHS followed the combination of two 1983 OMB PMSAs – the Pawtucket-Woonsocket-Attleboro, RI-MA PMSA and the Providence, RI PMSA.



48.5 Metropolitan Area Definition (1998)

The definition of the Providence metropolitan area used in the 1998 AHS does not follow the OMB definition from any particular vintage, but is closest to the 1993 OMB definition for the Providence-Fall River-Warwick, RI-MA MSA.

State/County FIPS	County Name	Town FIPS	Town Name
25005	Bristol, MA	02690	Attleboro city
		46575	North Attleborough town
		56375	Rehoboth town
		60645	Seekonk town
44001	Bristol, RI	05140	Barrington town
		09280	Bristol town
		73760	Warren town
44003	Kent, RI	18640	Coventry town
		22240	East Greenwich town
		74300	Warwick city
		77720	West Greenwich town
		78440	West Warwick town
44005	Newport, RI	36820	Jamestown town
44007	Providence, RI	11800	Burrillville town
		14140	Central Falls city
		19180	Cranston city
		20080	Cumberland town
		22960	East Providence city
		27460	Foster town
		30340	Gloucester town
		37720	Johnston town
		41500	Lincoln town
		51760	North Providence town
		52480	North Smithfield town
		54640	Pawtucket city
		59000	Providence city
		64220	Scituate town
		66200	Smithfield town
		80780	Woonsocket city
44009	Washington, RI	14500	Charlestown town
		25300	Exeter town
		48340	Narragansett town
		51580	North Kingstown town
		61160	Richmond town
		67460	South Kingstown town

48.6 Metropolitan Area Definition (2011)

The definition of the Providence metropolitan area used in the 2011 AHS is the 2003 OMB Providence-Fall River-Warwick, RI-MA New England City and Town Area (NECTA).

State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
25005	Bristol, MA	02690	Attleboro city	101
		23000	Fall River city	106
		46575	North Attleborough town	101
		56375	Rehoboth town	101
		60645	Seekonk town	104
		62430	Somerset town	107
		68750	Swansea town	107
		77570	Westport town	107
25021	Norfolk, MA	04930	Bellingham town	102
		54100	Plainville town	101
25027	Worcester, MA	06015	Blackstone town	102
		41585	Millville town	102
44001	Bristol, RI	05140	Barrington town	104
		09280	Bristol town	104
		73760	Warren town	104
44003	Kent, RI	18640	Coventry town	105
		22240	East Greenwich town	105
		74300	Warwick city	003
		77720	West Greenwich town	105
		78440	West Warwick town	105
44005	Newport, RI	36820	Jamestown town	105
		42400	Little Compton town	107
		45460	Middletown town	107
		49960	Newport city	106
		57880	Portsmouth town	107
		70880	Tiverton town	107
44007	Providence, RI	11800	Burrillville town	102
		14140	Central Falls city	102
		19180	Cranston city	103
		20080	Cumberland town	101
		22960	East Providence city	104
		27460	Foster town	105
		30340	Gloucester town	105
		37720	Johnston town	103
		41500	Lincoln town	102
		51760	North Providence town	103
		52480	North Smithfield town	102
		54640	Pawtucket city	002
		59000	Providence city	001, 002, 003
		64220	Scituate town	105
		66200	Smithfield town	102
		80780	Woonsocket city	102



State/County FIPS	County Name	Town FIPS	Town Name	AHS ZONE
44009	Washington, RI	14500	Charlestown town	105
		25300	Exeter town	105
		35380	Hopkinton town	105
		48340	Narragansett town	105
		51580	North Kingstown town	105
		61160	Richmond town	105
		67460	South Kingstown town	105



49 Raleigh

49.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Raleigh metropolitan area (SMSA = 6640). The Raleigh metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Raleigh-Durham, NC MSA.

49.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 1979)

The first and only independent metropolitan area longitudinal oversample for the Raleigh metropolitan area was drawn in 1976 and was in place for the 1976 and 1979 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,763	(X)
1979	6,239	87.82

49.3 Metropolitan Area Definition (1976, 1979)

The definition of the Raleigh Metropolitan Area used in the 1976 and 1979 AHS followed the 1971 OMB definition for the Raleigh, NC SMSA.

FIPS	County Name	AHS COUNTY
37183	Wake	999



50 Richmond

50.1 National Longitudinal Sample (1985 – 2013)

There are no records in the national longitudinal sample that are identified as belonging to the Richmond metropolitan area.

50.2 Independent Metropolitan Area Oversample Longitudinal History (2013)

The first and only independent metropolitan area longitudinal oversample for the Richmond metropolitan area (SMSA = 6760) was drawn in 2013. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,242	(X)

50.3 Metropolitan Area Definition (2013)

The 2013 Richmond area interviewed in the AHS matches the 2003 OMB definition for the Richmond, VA MSA.

FIPS	County Name
51007	Amelia
51033	Caroline
51036	Charles City
51041	Chesterfield
51049	Cumberland
51053	Dinwiddie
51075	Goochland
51085	Hanover
51087	Henrico
51097	King and Queen
51101	King William
51109	Louisa
51127	New Kent
51145	Powhatan
51149	Prince George
51183	Sussex
51570	Colonial Heights city
51670	Hopewell city
51730	Petersburg city
51760	Richmond city

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



51 Riverside

51.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Riverside metropolitan area (SMSA = 6780 or 7280). The Riverside metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Riverside-San Bernardino, CA PMSA.

51.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the Riverside metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1986, 1990, 1994, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,679	(X)
1978	6,398	73.12
1982	4,131	91.16
1986	3,320	81.93
1990	5,873	79.62
1994	5,218	93.81
2002	5,932	88.01
2011	3,902	79.01

51.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the Riverside metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the San Bernardino-Riverside-Ontario, CA SMSA.

FIPS	County Name	AHS COUNTY
06071	San Bernardino	999
06065	Riverside	999

51.4 Metropolitan Area Definition (1986, 1990, 1994, 2002, 2011)

The definition of the Riverside metropolitan area used in the 1986, 1990, 1994, 2002 (SMSA = 7280), and 2011 (SMSA = 6780) AHS followed the 1973 OMB definition for the Riverside-San Bernardino- Ontario, CA SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06071	San Bernardino	071	002, 101-104
06065	Riverside	065	001, 105-107



52 Rochester

52.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Rochester metropolitan area (SMSA = 6840). The Rochester metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Rochester, NY MSA.

52.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013)

The first independent metropolitan area longitudinal oversample for the Rochester metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1986, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,626	(X)
1978	5,550	83.30
1982	4,213	97.10
1986	3,284	75.03
1990	5,080	64.59

The second independent metropolitan area longitudinal oversample for the Rochester metropolitan area was drawn in 1998 and was in place for the 1998 and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,763	(X)
2013	4,726	86.23

52.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the Rochester metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the Rochester, NY MSA, with the exception that the AHS definition excludes Wayne county.

FIPS	County Name	AHS COUNTY
36051	Livingston	999
36055	Monroe	999
36073	Orleans	999



52.4 Metropolitan Area Definition (1986, 1990)

The definition of the Rochester metropolitan area used in the 1986 and 1990 AHS followed the 1983 OMB definition for the Rochester, NY MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
36051	Livingston	971	105
36055	Monroe	055	001, 101-104
36069	Ontario	971	105
36073	Orleans	971	105
36117	Wayne	971	105

52.5 Metropolitan Area Definition (1998)

The definition of the Rochester metropolitan area used in the 1998 AHS followed the 1993 OMB definition for the Rochester, NY MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
36037	Genesee	971	105
36051	Livingston	971	105
36055	Monroe	055	001,101-104
36069	Ontario	971	105
36073	Orleans	971	105
36117	Wayne	971	105

52.6 Metropolitan Area Definition (2013)

The definition of the Rochester metropolitan area used in the 2013 AHS followed the 2003 OMB Metropolitan Statistical Area definition for the area. Genesee county was removed.

FIPS	County Name
36051	Livingston
36055	Monroe
36069	Ontario
36073	Orleans
36117	Wayne

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



53 Sacramento

53.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Sacramento metropolitan area (SMSA = 6920). The Sacramento metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Sacramento, CA MSA.

53.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first independent metropolitan area longitudinal oversample for the Sacramento metropolitan area was drawn in 1976 and was in place for the 1976, 1980, and 1983 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	5,278	(X)
1980	6,112	82.92
1983	4,308	95.36

The second independent metropolitan area longitudinal oversample for the Sacramento metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,158	(X)
2004	4,728	83.02
2011	4,118	81.76

53.3 Metropolitan Area Definition (1976, 1980, 1983)

The definition of the Sacramento metropolitan area used in the 1976, 1980, and 1983 AHS followed the 1971 OMB definition for the Sacramento, CA SMSA.

FIPS	County Name	AHS COUNTY
06067	Sacramento	999
06061	Placer	
06113	Yolo	



53.4 Metropolitan Area Definition (1996, 2004)

The definition of the Sacramento metropolitan area used in the 1996 and 2004 AHS followed the 1993 OMB definition for the Sacramento, CA PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06067	Sacramento	067	001-003, 101-105
06017	El Dorado	017	106
06061	Placer	061	107

53.5 Metropolitan Area Definition (2011)

The definition of the Sacramento metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the Sacramento--Arden-Arcade--Roseville, CA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06067	Sacramento	067	001-003, 101-105
06017	El Dorado	017	106
06061	Placer	061	107
06113	Yolo	113	001, 108



54 Saginaw

54.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Saginaw metropolitan area (SMSA = 6960). The Saginaw metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Saginaw-Bay City-Midland, MI MSA.

54.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 1980)

The first independent metropolitan area longitudinal oversample for the Saginaw metropolitan area was drawn in 1974 and was in place for the 1974, 1977, and 1980 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	(X)*	(X)
1977	4,951	(X)
1980	5,481	86.64

*Saginaw was in survey in 1974, but Saginaw records are not located on the 1974 PUF.

54.3 Metropolitan Area Definition (1974, 1977, 1980)

The definition of the Saginaw metropolitan area used in the 1974, 1977, and 1980 AHS followed the 1971 OMB definition for the Saginaw, MI SMSA.

FIPS	County Name	AHS COUNTY
26145	Saginaw	999



55 Salt Lake City

55.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Salt Lake City metropolitan area (SMSA = 7160). The Salt Lake City metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Salt Lake City-Ogden, UT MSA.

55.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 1998)

The first independent metropolitan area longitudinal oversample for the Salt Lake City metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1980, 1984, 1988, and 1992 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,773	(X)
1977	5,491	79.38
1980	6,705	80.58
1984	4,202	77.03
1988	4,105	89.55
1992	5,089	80.64

The second independent metropolitan area longitudinal oversample for the Salt Lake City metropolitan area was only in sample for the 1998 survey. The following table shows the sample size for this year.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,878	(X)

55.3 Metropolitan Area Definition (1974, 1977, 1980)

The definition of the Salt Lake City metropolitan area used in the 1974, 1977, and 1980 AHS followed the 1971 OMB definition for the Salt Lake City, UT SMSA.

FIPS	County Name	AHS COUNTY
49035	Salt Lake	999
49011	Davis	999

55.4 Metropolitan Area Definition (1984, 1988, 1992, 1998)

The definition of the Salt Lake City metropolitan area used in the 1984, 1988, 1992, and 1998 AHS followed the 1983 OMB definition for the Salt Lake City-Ogden, UT MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
49011	Davis	011	103
49035	Salt Lake	035	001, 101-102
49057	Weber	057	104



56 San Diego

56.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the San Diego metropolitan area (SMSA = 7320). The San Diego metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the San Diego, CA MSA.

56.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first and only independent metropolitan area longitudinal oversample for the San Diego metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1987, 1991, 1994, 2002, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	6,111	X
1978	8,279	73.74
1982	6,861	92.51
1987	6,464	81.87
1991	7,106	78.58
1994	7,186	98.89
2002	7,684	93.52
2011	3,962	93.59

56.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the San Diego metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1973 OMB definition for the San Diego, CA SMSA.

FIPS	County Name	AHS COUNTY
06073	San Diego	999

56.4 Metropolitan Area Definition (1987, 1991, 1994, 2002, 2011)

The definition of the San Diego metropolitan area used in the 1987, 1991, 1994, 2002, and 2011 AHS continued to follow the 1973 OMB definition for the San Diego, CA SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06073	San Diego	073	001-005, 101-105



57 San Francisco

57.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the San Francisco metropolitan area (SMSA = 7360). The definition used in the national longitudinal sample is based on the 1983 OMB San Francisco, CA PMSA definition, meaning that Alameda and Contra Costa counties were part of the Oakland metropolitan area (see the Oakland section of this document for additional information). For San Francisco, this definition remained the same in 1993 and 2003.

57.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2011)

The first independent metropolitan area longitudinal oversample for the San Francisco-Oakland metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1985, 1989, and 1993 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	13,646	(X)
1978	16,169	84.37
1982	4,251	95.84
1985	6,656	49.38
1989	3,965	85.93
1993	5,265	75.31

The second independent metropolitan area longitudinal oversample for the San Francisco metropolitan area was drawn in 1998 and was in place for the 1998 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,813	(X)
2011	4,085	92.53

57.3 Metropolitan Area Definition (1975, 1978, and 1982)

The definition of the San Francisco metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the San Francisco-Oakland, CA SMSA.

FIPS	County Name	AHS COUNTY
06001	Alameda	001
06013	Contra Costa	999
06041	Marin	999
06075	San Francisco	075
06081	San Mateo	081



57.4 Metropolitan Area Definition (1985, 1989, 1993)

The 1985, 1989, and 1993 AHS definitions for San Francisco-Oakland continued to use the 1971 OMB definition of the San Francisco-Oakland, CA SMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06001	Alameda	001	007, 108-111, 199*
06013	Contra Costa	013	103-107
06041	Marin	041	101-102
06075	San Francisco	075	001-006
06081	San Mateo	081	112-115

*ZONE values of 199 were for areas with missing ZONE information

57.5 Metropolitan Area Definition (1998, 2011)

The definition of the San Francisco metropolitan area used in the 1998 and 2011 AHS followed the 1983 OMB definition for the San Francisco, CA PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06041	Marin	041	101-102
06075	San Francisco	075	001-006
06081	San Mateo	081	112-115



58 San Antonio

58.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the San Antonio metropolitan area (SMSA = 7240). The San Antonio metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the San Antonio, TX MSA.

58.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 2013)

The first independent metropolitan area longitudinal oversample for the San Antonio metropolitan area was drawn in 1975 and was in place for the 1975, 1978, 1982, 1987, and 1990 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	4,691	(X)
1978	5,579	83.98
1982	4,296	88.48
1986	3,346	78.42
1990	5,092	65.71

The second independent metropolitan area longitudinal oversample for the San Antonio metropolitan area was drawn in 1995 and was in place for the 1995, 2004, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1995	4,358	(X)
2004	4,863	83.94
2013	5,056	62.40

58.3 Metropolitan Area Definition (1975, 1978, 1982)

The definition of the San Antonio metropolitan area used in the 1975, 1978, and 1982 AHS followed the 1971 OMB definition for the San Antonio, TX SMSA.

FIPS	County Name	AHS COUNTY
48029	Bexar	999
48187	Guadalupe	

58.4 Metropolitan Area Definition (1986, 1990)

The definition of the San Antonio metropolitan area used in the 1986 and 1990 AHS followed the 1983 OMB definition for the San Antonio, TX MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48029	Bexar	970	001-007, 101, 102
48091	Comal		
48187	Guadalupe		



58.5 Metropolitan Area Definition (1995)

The definition of the San Antonio metropolitan area used in the 1995 AHS followed the 1993 OMB definition for the San Antonio, TX MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48029	Bexar	029	001-007, 101, 103
48493	Wilson	970	104
48091	Comal		
48187	Guadalupe		

58.6 Metropolitan Area Definition (2004)

The definition of the San Antonio metropolitan area used in the 2004 AHS followed the 1993 OMB definition for the San Antonio, TX MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
48029	Bexar, TX	029	001-007, 101-103
48493	Wilson, TX	970	104
48091	Comal, TX		
48187	Guadalupe, TX		

58.7 59.7 Metropolitan Area Definition (2013)

The definition of the San Antonio metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the San Antonio, TX MSA.

FIPS	County Name
48029	Bexar, TX
48493	Wilson, TX
48091	Comal, TX
48187	Guadalupe, TX
48013	Atascosa, TX
48019	Bandera, TX
48259	Kendall, TX
48325	Medina, TX

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



59 San Jose

59.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the San Jose metropolitan area (SMSA = 7400). The San Jose metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the San Jose, CA PMSA.

59.2 Independent Metropolitan Area Oversample Longitudinal History (1984 – 2011)

The first independent metropolitan area longitudinal oversample for the San Jose metropolitan area was drawn in 1984 and was in place for the 1984, 1988, and 1993 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1984	4,333	(X)
1988	4,095	93.55
1993	4,836	84.68

The second independent metropolitan area longitudinal oversample for the San Jose area was in 1998 and was in place for the 1998 and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,804	(X)
2011	4,153	93.55

59.3 Metropolitan Area Definition (1984, 1988, 1993, 1998)

The definition of the San Jose metropolitan area used in the 1984, 1988, 1993, and 1998 AHS followed the 1983 OMB definition for the San Jose, CA PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06085	Santa Clara	085	001-005, 101-105

59.4 Metropolitan Area Definition (2011)

The definition of the San Jose metropolitan area in the 2011 AHS is the same as the 2003 OMB definition for the San Jose-Sunnyvale-Santa Clara, CA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
06069	Santa Benito	941	001-005, 101-105
06085	Santa Clara	941	



60 Seattle

60.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Seattle metropolitan area (SMSA = 7600). The Seattle metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Seattle, WA PMSA.

60.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013)

Before 1986, Seattle and Tacoma were interviewed as separate metropolitan areas. The last year that Tacoma was interviewed separately was 1981.

The longitudinal oversample for the Tacoma metropolitan area was drawn in 1974 (PMSA = 8200) and was in place for the 1974, 1977, and 1981 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,733	(X)
1977	5,389	80.39
1981	4,863	89.00

The longitudinal oversample for the Seattle-Everett metropolitan area was drawn in 1976 and was in place for the 1976, 1979, 1983, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	15,909	(X)
1979	17,656	85.86
1983	4,236	92.40
1987	3,206	71.09
1991	4,422	62.05

The second independent metropolitan area longitudinal oversample for the Seattle metropolitan area was drawn in 1996 and was in place for the 1996, 2004, 2009, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,834	(X)
2004	4,731	86.45
2009	6,201	76.29
2013	3,939	96.11

60.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Tacoma metropolitan area used in 1974, 1977, and 1981 AHS followed the 1973 OMB definition for the Tacoma, WA SMSA.

FIPS	County Name	AHS COUNTY
53053	Pierce	999



60.4 Metropolitan Area Definition (1976, 1979, 1983)

The definition of the Seattle metropolitan area used in 1976, 1979, and 1983 AHS followed the 1973 OMB definition for the Seattle-Everett, WA SMSA.

FIPS	County Name	AHS COUNTY
53033	King	999
53061	Snohomish	999

60.5 Metropolitan Area Definition (1987, 1991)

The definition of the Seattle metropolitan area used in the 1987 and 1991 AHS followed the 1973 OMB definition for the Tacoma, WA SMSA and the Seattle-Everett, WA SMSA. Beginning in 1987, the Seattle and Tacoma areas were combined.

FIPS	County Name	AHS COUNTY	AHS ZONE
53033	King	953	001-005, 101-108
53061	Snohomish	953	001-005, 101-108
53053	Pierce	053	006, 109-110

60.6 Metropolitan Area Definition (1996)

The definition of the Seattle metropolitan area used in the 1996 AHS followed the 1983 OMB definition for the Seattle, WA PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
53033	King	953	001-005, 101-108
53061	Snohomish	953	001-005, 101-108

60.7 Metropolitan Area Definition (2004)

The definition of the Seattle metropolitan area used in the 2004 AHS followed the 1993 OMB definition for the Seattle-Bellevue-Everett, WA PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
53033	King	033	001-005, 103-108
53061	Snohomish	953	003, 101-102
53029	Island	953	003, 101-102



60.8 Metropolitan Area Definition (2009)

The definition of the Seattle metropolitan area used in the 2009 AHS followed the 1993 OMB definition for the Seattle-Bellevue-Everett, WA PMSA

FIPS	County Name	AHS COUNTY	AHS ZONE
53033	King	033	001-002, 004-005 103-108
53061	Snohomish	061	102
53029	Island	953	003, 101
53053	Pierce	053	007, 111-115

60.9 Metropolitan Area Definition (2013)

The definition of the Seattle metropolitan area used in the 2013 AHS followed the 2003 OMB SMSA definition for the area.

FIPS	County Name
53033	King
53061	Snohomish
53053	Pierce

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



61 Spokane

61.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Spokane metropolitan area (SMSA = 7840). The Spokane metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Spokane, WA MSA.

61.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 1981)

The first and only independent metropolitan area longitudinal oversample for the Spokane metropolitan area was drawn in 1974 and was in place for the 1974, 1977, and 1981 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,703	(X)
1977	5,213	82.43
1981	4,746	88.87

61.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Spokane metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Spokane, WA SMSA.

FIPS	County Name	AHS COUNTY
53063	Spokane	999



62 Springfield

62.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Springfield metropolitan area (SMSA = 8000). The Springfield metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Springfield, MA MSA

62.2 Independent Metropolitan Area Oversample Longitudinal History (1975 – 1978)

The first and only independent metropolitan area longitudinal oversample for the Springfield metropolitan area was drawn in 1975 and was in place for the 1975 and 1978 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1975	5,063	(X)
1978	5,811	87.08

62.3 Metropolitan Area Definition (1975, 1978)

The definition of the Springfield metropolitan area used in the 1975 and 1978 AHS followed the 1973 OMB definition for the Springfield-Chicopee-Holyoke, MA-CT SMSA.

FIPS	County Name	AHS COUNTY
25013	Hampden, MA	999
25015	Hampshire, MA	
25027	Worcester, MA	
09013	Tolland, CT	



63 St. Louis

63.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the St. Louis metropolitan area (SMSA = 7040). The St. Louis metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the St. Louis, MO-IL PMSA

63.2 Independent Metropolitan Area Oversample Longitudinal History (1976 – 2011)

The first independent metropolitan area longitudinal oversample for the St. Louis metropolitan area was drawn in 1976 and was in place for the 1976, 1980, 1983, 1987, and 1991 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1976	15,809	(X)
1980	14,139	94.49
1983	4,302	97.26
1987	3,310	88.79
1991	4,543	62.84

The second independent metropolitan area longitudinal oversample for the St. Louis metropolitan area was drawn in 1996 and was in place for the 1996, 2004, and 2011 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1996	4,787	(X)
2004	4,741	90.72
2011	3,917	62.60

63.3 Metropolitan Area Definition (1976, 1980, 1983)

The definition of the St. Louis metropolitan area used in the 1976, 1980, and 1983 AHS followed the 1973 OMB definition for the St. Louis, MO-IL SMSA.

FIPS	County Name	AHS COUNTY
17119	Madison, IL	119
17163	St. Clair, IL	163
29189	St. Louis, MO	189
29510	St. Louis city, MO	510
17027	Clinton, IL	999
17133	Monroe, IL	
29071	Franklin, MO	
29099	Jefferson, MO	
29183	St. Charles, MO	



63.4 Metropolitan Area Definition (1987, 1991)

The definition of the St. Louis metropolitan area used in the 1987 and 1991 AHS followed the 1983 OMB definition for the St. Louis, MO-IL PMSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
17083	Jersey, IL	956	112, 113
17119	Madison, IL		
17027	Clinton, IL	955	110, 111
17163	St. Clair, IL		
17133	Monroe, IL		
29183	St. Charles, MO	954	101
29071	Franklin, MO		
29099	Jefferson, MO	099	109
29189	St. Louis, MO	189	102-108
29510	St. Louis city, MO	510	002-004

63.5 Metropolitan Area Definition (1996, 2004)

The definition of the St. Louis metropolitan area used in the 1996 and 2004 AHS followed the 1993 OMB definition for the St. Louis, MO-IL MSA, with the exception that the AHS excludes part of Crawford county.

FIPS	County Name	AHS COUNTY	AHS ZONE
17083	Jersey, IL	956	112, 113
17119	Madison, IL		
17027	Clinton, IL	955	110, 111
17163	St. Clair, IL		
17133	Monroe, IL		
29183	St. Charles, MO	954	101
29071	Franklin, MO		
29113	Lincoln, MO		
29219	Warren, MO		
29099	Jefferson, MO	099	109
29189	St. Louis, MO	189	102-108
29510	St. Louis city, MO	510	002-004
29055	Crawford, MO*		

*Crawford county, MO is part of the 1993 OMB definition, but is not a part of the AHS metro definition.



63.6 Metropolitan Area Definition (2011)

The definition of the St. Louis metropolitan area used in the 2011 AHS followed the 2003 OMB definition for the St. Louis, MO-IL MSA, with the exception that the AHS excludes Crawford county.

FIPS	County Name	AHS COUNTY	AHS ZONE
17083	Jersey, IL	936	110, 113, 114
17119	Madison, IL		
17027	Clinton, IL		
17163	St. Clair, IL		
17133	Monroe, IL		
17055	Bond, IL		
17013	Calhoun, IL		
17117	Macoupin, IL		
29183	St. Charles, MO	954	101
29071	Franklin, MO		
29113	Lincoln, MO		
29219	Warren, MO		
29099	Jefferson, MO	935	109
29221	Washington, MO		
29189	St. Louis, MO	189	102-108
29510	St. Louis city, MO	510	002-004



64 Tampa

64.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Tampa metropolitan area (SMSA = 8280). The Tampa metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Tampa-St. Petersburg-Clearwater, FL MSA

64.2 Independent Metropolitan Area Oversample Longitudinal History (1985 – 2013)

The first independent metropolitan area longitudinal oversample for the Tampa metropolitan area was drawn in 1985 and was in place for the 1985, 1989, and 1993 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1985	3,755	(X)
1989	3,662	89.79
1993	4,925	74.36

The second independent metropolitan area longitudinal oversample for the Tampa metropolitan area was drawn in 1998 and was in place for the 1998, 2007, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,825	(X)
2007	3,053	80.41
2013	3,814	67.88

64.3 Metropolitan Area Definition (1985, 1989 1993, 1998, 2007, 2013)

The definition of the Tampa metropolitan area used in the 1985, 1989, 1993, 1998, 2007, and 2013 AHS followed the 1983 OMB definition for the Tampa-St. Petersburg-Clearwater, FL MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
12053	Hernando	983	101
12057	Hillsborough	057	001-002, 106-108
12101	Pasco	983	101
12103	Pinellas	103	003-004, 102-105

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



65 Tucson

65.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Tucson metropolitan area (SMSA = 8520). The Tucson metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Tucson, AZ MSA.

65.2 Independent Metropolitan Area Oversample Longitudinal History (2013)

The first and only independent metropolitan area longitudinal oversample for the Tucson metropolitan area was drawn in 2013. The following table shows the sample size.

Year	Sample Size	Percent of Sample in Common with Prior Year
2013	4,313	(X)

65.3 Metropolitan Area Definition (2013)

The definition of the Tucson metropolitan area used in the 2013 AHS followed the 2003 OMB definition for the Tucson, AZ MSA.

FIPS	County Name
04019	Pima

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



66 Washington

66.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Washington metropolitan area (SMSA = 8840). The Washington metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Washington, DC-MD-VA MSA.

66.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 2013)

The first independent metropolitan area longitudinal oversample for the Washington metropolitan area was drawn in 1974 and was in place for the 1974, 1977, 1981, 1985, 1989, and 1993 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	13,294	(X)
1977	14,991	81.08
1981	5,798	93.98
1985	6,684	57.29
1989	3,902	86.85
1993	5,549	70.32

The second independent metropolitan area longitudinal oversample for the Washington metropolitan area was drawn in 1998 and was in place for the 1998, 2007, and 2013 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1998	4,816	(X)
2007	2,781	80.04
2013	3,567	72.75

66.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Washington metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Washington, DC-MD-VA SMSA.

FIPS	County Name	AHS COUNTY
11001	Washington, DC	001
51053	Arlington, VA	
51510	Alexandria city, VA	
51059	Fairfax, VA	002
51107	Loudoun, VA	
51153	Prince William, VA	
51600	Fairfax city, VA	
51610	Falls Church city, VA	031
24031	Montgomery, MD	
24033	Prince George's, MD	033



66.4 Metropolitan Area Definition (1985, 1989, 1993)

The definition of the Washington metropolitan area used in the 1985, 1989, and 1993 AHS followed the 1983 OMB definition for the Washington, DC-MD-VA MSA.

FIPS	County Name	AHS COUNTY	AHS ZONE
11001	Washington, DC	001	001-005
51053	Arlington, VA	013	006
24021	Frederick, MD	021	101
24031	Montgomery, MD	031	102-105
24033	Prince George's, MD	033	106-110
51510	Alexandria city, VA	510	112
51107	Loudoun, VA	980	117
51153	Prince William, VA		
51179	Stafford, VA		
51683	Manassas city, VA		
51685	Manassas Park city, VA		
51059	Fairfax, VA	981	113-116
51600	Fairfax city, VA		
51610	Falls Church city, VA		
24009	Calvert, MD	982	111
24017	Charles, MD		

66.5 Metropolitan Area Definition (1998)

The definition of the Washington metropolitan area used in the 1998 AHS followed the 1993 OMB definition for the Washington, DC-MD-VA-WV PMSA, with the exception that the AHS excludes Clarke county, VA; Warren county, VA; Berkeley county, WV; and Jefferson county, WV.

FIPS	County Name	AHS COUNTY	AHS ZONE
11001	Washington, DC	001	001-005
51053	Arlington, VA	013	006
24021	Frederick, MD	021	101
24031	Montgomery, MD	031	102-105
24033	Prince George's, MD	033	106-110
51510	Alexandria city, VA	510	112
51061	Fauquier, VA	947	118
51177	Spotsylvania, VA		
51630	Fredericksburg city, VA		
51107	Loudoun, VA	980	117
51153	Prince William, VA		
51179	Stafford, VA		
51683	Manassas city, VA		
51685	Manassas Park city, VA		
51059	Fairfax, VA	981	113-116
51600	Fairfax city, VA		
51610	Falls Church city, VA		
24009	Calvert, MD	982	111
24017	Charles, MD		



66.6 Metropolitan Area Definition (2007, 2013)

The definition of the Washington metropolitan area used in the 2007 and 2013 AHS followed the 2003 OMB definition for the Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division.

FIPS	County Name	AHS COUNTY	AHS ZONE
11001	Washington, DC	001	001-005
51053	Arlington, VA	013	006
24021	Frederick, MD	021	101
24031	Montgomery, MD	031	102-105
24033	Prince George's, MD	033	106-110
51510	Alexandria city, VA	510	112
51043	Clarke, VA	947	118
51061	Fauquier, VA		
51177	Spotsylvania, VA		
51187	Warren, VA		
51630	Fredericksburg city, VA		
54037	Jefferson, WV		
51107	Loudoun, VA	980	117
51153	Prince William, VA		
51179	Stafford, VA		
51683	Manassas city, VA		
51685	Manassas Park city, VA	981	113-116
51059	Fairfax, VA		
51600	Fairfax city, VA		
51610	Falls Church city, VA	982	111
24009	Calvert, MD		
24017	Charles, MD		

*In 2013, due to disclosure we no longer show COUNTY or ZONE in metropolitan areas.



67 Wichita

67.1 National Longitudinal Sample (1985 – 2013)

There are records in the national longitudinal sample from 1985 through 2013 that are identified as belonging to the Wichita metropolitan area (SMSA = 9040). The Wichita metropolitan area definition used in the national longitudinal sample is the same as the 1983 OMB definition for the Wichita, KS MSA.

67.2 Independent Metropolitan Area Oversample Longitudinal History (1974 – 1981)

The first and only independent metropolitan area longitudinal oversample for the Wichita, metropolitan area was drawn in 1974 and was in place for the 1974, 1977, and 1981 surveys. The following table shows the sample sizes and percent of sample in common.

Year	Sample Size	Percent of Sample in Common with Prior Year
1974	4,744	(X)
1977	5,343	81.23
1981	4,587	90.69

67.3 Metropolitan Area Definition (1974, 1977, 1981)

The definition of the Wichita metropolitan area used in the 1974, 1977, and 1981 AHS followed the 1971 OMB definition for the Wichita, KS SMSA.

FIPS	County Name	AHS COUNTY
20015	Butler	999
20173	Sedgwick	

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