

Appendix A

Comparing Metropolitan Area Definitions from 1990 to 1999

The United States Office of Management and Budget (OMB) defines metropolitan areas (MAs) according to published standards that are applied to Census Bureau data. MAs in this report are based on application of [1990 standards](#) (which appeared in the Federal Register on March 30, 1990) to 1990 decennial census data and to subsequent Census Bureau population estimates and special census data. This report uses the June 30, 1999 definition of MAs (new definitions were published by OMB on June 3, 2003, but are not used in this report).

The general concept of an MA is that of a core area containing a large population nucleus, together with adjacent communities having a high degree of economic and social integration with that core. The basic building block used in the 1999 definition is a county (except for the New England States where cities and towns are used as the building blocks). The core is usually a county/counties containing a city of population greater than 50,000 people OR a Census defined urbanized area. Outlying counties are added to the MA based on population density and commute behavior. For more information on the June 30, 1999 definition for MSA geography, please refer to the Census Bureau website at: <http://www.census.gov/population/www/estimates/metroarea.html>

The tables in this section provide a list of counties for each of the 49 largest MSAs for both the 1990, and June 1999 definitions

Atlanta, GA MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
13013	Barrow County	*	*	
13015	Bartow County	*		
13035	Butts County		*	
13045	Carroll County	*		
13057	Cherokee County	*	*	
13063	Clayton County	*	*	
13067	Cobb County	*	*	
13077	Coweta County	*	*	
13089	DeKalb County	*	*	
13097	Douglas County	*	*	
13113	Fayette County	*	*	
13117	Forsyth County	*	*	
13121	Fulton County	*	*	
13135	Gwinnett County	*	*	
13151	Henry County	*	*	
13217	Newton County	*	*	
13223	Paulding County	*	*	
13227	Pickens County	*		
13247	Rockdale County	*	*	
13255	Spalding County	*	*	
13297	Walton County	*	*	
Austin-San Marcos, TX MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
48021	Bastrop County	*		
48055	Caldwell County	*		
48209	Hays County	*	*	
48453	Travis County	*	*	
48491	Williamson County	*	*	
Buffalo-Niagara Falls, NY MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
			Bu	
36029	Erie County	*	*	Buffalo and Niagara were two different MSAs in 1990
			Ni	
36063	Niagara County	*	*	

Charlotte-Gastonia-Rock Hill, NC-SC MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
37025	Cabarrus County, NC	*	*	
37071	Gaston County, NC	*	*	
37109	Lincoln County, NC	*	*	
37119	Mecklenburg County, NC	*	*	
37159	Rowan County, NC	*	*	
37179	Union County, NC	*	*	
45091	York County, SC	*	*	
Chicago-Gary-Kenosha, IL-IN-WI CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
17089	Kane County		*	
17093	Kendall County		*	
17031	Cook County	*	*	
17037	DeKalb County	*		
17043	DuPage County	*	*	
17063	Grundy County	*	*	
17089	Kane County	*		
17093	Kendall County	*		
17097	Lake County	*	*	
17111	McHenry County	*	*	
17197	Will County	*	*	
18089	Lake County	*	*	
18127	Porter County	*	*	
17091	Kankakee County	*		
55059	Kenosha County	*	*	
Cincinnati-Hamilton, OH-KY-IN CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Cincinnati, OH-KY-IN PMSA			
18029	Dearborn County, IN	*	*	
18115	Ohio County, IN	*		
21015	Boone County, KY	*	*	
21037	Campbell County, KY	*	*	
21077	Gallatin County, KY	*		
21081	Grant County, KY	*		
21117	Kenton County, KY	*	*	
21191	Pendleton County, KY	*		
39015	Brown County, OH	*		
39025	Clermont County, OH	*	*	
39061	Hamilton County, OH	*	*	
39165	Warren County, OH	*	*	
	Hamilton-Middletown, OH PMSA			
39017	Butler County	*	*	

Cleveland-Akron, OH CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Akron, OH PMSA			
39133	Portage County	*	*	
39153	Summit County	*	*	
	Cleveland-Lorain-Elyria, OH PMSA			
39007	Ashtabula County	*		
39035	Cuyahoga County	*	*	
39055	Geauga County	*	*	
39085	Lake County	*	*	
39103	Medina County	*	*	
			LO	Lorain was its own PMSA in 1990
39093	Lorain County	*	*	
Columbus, OH MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
39041	Delaware County	*	*	
39045	Fairfield County	*	*	
39049	Franklin County	*	*	
39089	Licking County	*	*	
39097	Madison County	*	*	
39129	Pickaway County	*	*	
39159	Union County		*	
Dallas-Fort Worth, TX CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Dallas, TX PMSA			
48085	Collin County	*	*	
48113	Dallas County	*	*	
48121	Denton County	*	*	
48139	Ellis County	*	*	
48213	Henderson County	*		
48231	Hunt County	*		
48257	Kaufman County	*	*	
48397	Rockwall County	*	*	
	Fort Worth-Arlington, TX PMSA			
48221	Hood County	*		
48251	Johnson County	*	*	
48367	Parker County	*	*	
48439	Tarrant County	*	*	

Denver-Boulder-Greeley, CO CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Boulder-Longmont, CO PMSA			
8013	Boulder County	*	*	
	Denver, CO PMSA			
8001	Adams County	*	*	
8005	Arapahoe County	*	*	
8031	Denver County	*	*	
8035	Douglas County	*	*	
8059	Jefferson County	*	*	
	Greeley, CO PMSA		GR	Greeley was not part of Denver CMSA in the 1990 definition
8123	Weld County	*	*	
Detroit-Ann Arbor-Flint, MI CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Ann Arbor, MI PMSA			
26091	Lenawee County	*		
26093	Livingston County	*		
26161	Washtenaw County	*	*	
	Detroit, MI PMSA			
26087	Lapeer County	*	*	
26093	Livingston County		*	
26099	Macomb County	*	*	
26115	Monroe County	*	*	
26125	Oakland County	*	*	
26147	St. Clair County	*	*	
26163	Wayne County	*	*	
	Flint, MI PMSA			
26049	Genesee County	*	*	
Grand Rapids-Muskegon-Holland, MI MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
26005	Allegan County	*	GR	
26081	Kent County	*	*	Grand Rapids and Muskegon were different MSAs in 1990
26139	Ottawa County	*	*	
			MU	
26121	Muskegon County	*	*	

Greensboro--Winston-Salem--High Point, NC MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
37001	Alamance County	*		
37057	Davidson County	*	*	
37059	Davie County	*	*	
37067	Forsyth County	*	*	
37081	Guilford County	*	*	
37151	Randolph County	*	*	
37169	Stokes County	*	*	
37197	Yadkin County	*	*	
Houston-Galveston-Brazoria, TX CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Brazoria, TX PMSA			
48039	Brazoria County	*	*	
	Galveston-Texas City, TX PMSA			
48167	Galveston County	*	*	
	Houston, TX PMSA			
48071	Chambers County	*		
48157	Fort Bend County	*	*	
48201	Harris County	*	*	
48291	Liberty County	*	*	
48339	Montgomery County	*	*	
48473	Waller County	*	*	
Indianapolis, IN MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
18011	Boone County	*	*	
18057	Hamilton County	*	*	
18059	Hancock County	*	*	
18063	Hendricks County	*	*	
18081	Johnson County	*	*	
18095	Madison County	*		
18097	Marion County	*	*	
18109	Morgan County	*	*	
18145	Shelby County	*	*	
Jacksonville, FL MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
12019	Clay County	*	*	
12031	Duval County	*	*	
12089	Nassau County	*	*	
12109	St. Johns County	*	*	

Kansas City, MO-KS MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
			KA	
20091	Johnson County, KS	*	*	Kansas City was divided into Kansas, KS, and Kansas MO MSAs in 1990
20103	Leavenworth County, KS	*	*	
20121	Miami County, KS	*	*	
20209	Wyandotte County, KS	*	*	
			MO	
29037	Cass County, MO	*	*	
29047	Clay County, MO	*	*	
29049	Clinton County, MO	*		
29095	Jackson County, MO	*	*	
29107	Lafayette County, MO	*	*	
29165	Platte County, MO	*	*	
29177	Ray County, MO	*	*	
Las Vegas, NV-AZ MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
4015	Mohave County, AZ	*		
32003	Clark County, NV	*	*	
32023	Nye County, NV	*		
Los Angeles-Riverside-Orange County, CA CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Los Angeles-Long Beach, CA PMSA			
6037	Los Angeles County	*	*	
	Orange County, CA PMSA			
6059	Orange County	*	*	
	Riverside-San Bernardino, CA PMSA			
6065	Riverside County	*	*	
6071	San Bernardino County	*	*	
	Ventura, CA PMSA			
6111	Ventura County	*	*	
Louisville, KY-IN MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
18019	Clark County, IN	*	*	
18043	Floyd County, IN	*	*	
18061	Harrison County, IN	*	*	
18143	Scott County, IN	*		
21029	Bullitt County, KY	*	*	
21111	Jefferson County, KY	*	*	
21185	Oldham County, KY	*	*	
21211	Shelby County, KY		*	

Memphis, TN-AR-MS MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
5035	Crittenden County, AR	*	*	
28033	DeSoto County, MS	*	*	
47047	Fayette County, TN	*		
47157	Shelby County, TN	*	*	
47167	Tipton County, TN	*	*	
Miami-Fort Lauderdale, FL CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Fort Lauderdale, FL PMSA			
12011	Broward County	*	*	
	Miami, FL PMSA			
12025	Dade County		*	
12086	Miami-Dade County	*		
Milwaukee-Racine, WI CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Milwaukee-Waukesha, WI PMSA			
55079	Milwaukee County	*	*	
55089	Ozaukee County	*	*	
55131	Washington County	*	*	
55133	Waukesha County	*	*	
	Racine, WI PMSA			
55101	Racine County	*	*	
Minneapolis-St. Paul, MN-WI MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
27003	Anoka County, MN	*	*	
27019	Carver County, MN	*	*	
27025	Chisago County, MN	*	*	
27037	Dakota County, MN	*	*	
27053	Hennepin County, MN	*	*	
27059	Isanti County, MN	*	*	
27123	Ramsey County, MN	*	*	
27139	Scott County, MN	*	*	
27141	Sherburne County, MN	*		
27163	Washington County, MN	*	*	
27171	Wright County, MN	*	*	
55093	Pierce County, WI	*		
55109	St. Croix County, WI	*	*	

Nashville, TN MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
47021	Cheatham County	*	*	
47037	Davidson County	*	*	
47043	Dickson County	*	*	
47147	Robertson County	*	*	
47149	Rutherford County	*	*	
47165	Sumner County	*	*	
47187	Williamson County	*	*	
47189	Wilson County	*	*	
New Orleans, LA MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
22051	Jefferson Parish	*	*	
22071	Orleans Parish	*	*	
22075	Plaquemines Parish	*		
22087	St. Bernard Parish	*	*	
22089	St. Charles Parish	*	*	
22093	St. James Parish	*		
22095	St. John the Baptist Parish	*	*	
22103	St. Tammany Parish	*	*	
Norfolk-Virginia Beach-Newport News, VA-NC MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
37053	Currituck County, NC	*		
51073	Gloucester County, VA	*	*	
51093	Isle of Wight County, VA	*		
51095	James City County, VA	*	*	
51115	Mathews County, VA	*		
51199	York County, VA	*	*	
51550	Chesapeake city, VA	*	*	
51650	Hampton city, VA	*	*	
51700	Newport News city, VA	*	*	
51710	Norfolk city, VA	*	*	
51735	Poquoson city, VA	*	*	
51740	Portsmouth city, VA	*	*	
51800	Suffolk city, VA	*	*	
51810	Virginia Beach city, VA	*	*	
51830	Williamsburg city, VA	*	*	

Oklahoma City, OK MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
40017	Canadian County	*	*	
40027	Cleveland County	*	*	
40083	Logan County	*	*	
40087	McClain County	*	*	
40109	Oklahoma County	*	*	
40125	Pottawatomie County	*	*	
Orlando, FL MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
12069	Lake County	*		
12095	Orange County	*	*	
12097	Osceola County	*	*	
12117	Seminole County	*	*	
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Atlantic-Cape May, NJ PMSA			
34001	Atlantic County	*		
34009	Cape May County	*		
	Philadelphia, PA-NJ PMSA			
34005	Burlington County, NJ	*	*	
34007	Camden County, NJ	*	*	
34015	Gloucester County, NJ	*	*	
34033	Salem County, NJ	*	*	
42017	Bucks County, PA	*	*	
42029	Chester County, PA	*	*	
42045	Delaware County, PA	*	*	
42091	Montgomery County, PA	*	*	
42101	Philadelphia County, PA	*	*	
	Vineland-Millville-Bridgeton, NJ PMSA			
34011	Cumberland County	*	*	
	Wilmington-Newark, DE-MD PMSA			
10003	New Castle County, DE	*	*	
24015	Cecil County, MD	*	*	
34021	Mercer County		*	

Phoenix-Mesa, AZ MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
4013	Maricopa County	*	*	
4021	Pinal County	*		
Pittsburgh, PA MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
42019	Butler County	*	PI	Pittsburgh, PA was divided into two MSAs in 1990
42007	Beaver County	*	*	
			BE	Beaver County, PA PMSA
42003	Allegheny County	*	*	Pittsburgh, PA PMSA
42051	Fayette County	*	*	
42125	Washington County	*	*	
42129	Westmoreland County	*	*	
Portland-Salem, OR-WA CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Portland-Vancouver, OR-WA PMSA			
41005	Clackamas County, OR	*	*	
41009	Columbia County, OR	*		
41051	Multnomah County, OR	*	*	
41067	Washington County, OR	*	*	
41071	Yamhill County, OR	*	*	
53011	Clark County, WA	*	*	
	Salem, OR PMSA			Salem was not part of the CMSA in 1990.
41047	Marion County	*		
41053	Polk County	*		
Raleigh-Durham-Chapel Hill, NC MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
37037	Chatham County	*		
37063	Durham County	*	*	
37069	Franklin County	*	*	
37101	Johnston County	*		
37135	Orange County	*	*	
37183	Wake County	*	*	
Rochester, NY MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
36037	Genesee County	*		
36051	Livingston County	*	*	
36055	Monroe County	*	*	
36069	Ontario County	*	*	
36073	Orleans County	*	*	
36117	Wayne County	*	*	

Sacramento-Yolo, CA CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Sacramento, CA PMSA			
6017	El Dorado County	*	*	
6061	Placer County	*	*	
6067	Sacramento County	*	*	
	Yolo, CA PMSA			
6113	Yolo County	*	*	
Salt Lake City-Ogden, UT MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
49011	Davis County	*	*	
49035	Salt Lake County	*	*	
49057	Weber County	*	*	
San Antonio, TX MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
48029	Bexar County	*	*	
48091	Comal County	*	*	
48187	Guadalupe County	*	*	
48493	Wilson County	*		
San Diego, CA MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
6073	San Diego County	*	*	
San Francisco-Oakland-San Jose, CA CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Oakland, CA PMSA			
6001	Alameda County	*	*	
6013	Contra Costa County	*	*	
	San Francisco, CA PMSA			
6041	Marin County	*	*	
6075	San Francisco County	*	*	
6081	San Mateo County	*	*	
	San Jose, CA PMSA			
6085	Santa Clara County	*	*	
	Santa Cruz-Watsonville, CA PMSA			
6087	Santa Cruz County	*	*	
	Santa Rosa, CA PMSA			
6097	Sonoma County	*	*	
	Vallejo-Fairfield-Napa, CA PMSA			
6055	Napa County	*	*	
6095	Solano County	*	*	

Seattle-Tacoma-Bremerton, WA CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Bremerton, WA PMSA			
53035	Kitsap County	*		
	Olympia, WA PMSA			
53067	Thurston County	*		
	Seattle-Bellevue-Everett, WA PMSA			
53029	Island County	*		
53033	King County	*	*	
53061	Snohomish County	*	*	
	Tacoma, WA PMSA			
53053	Pierce County	*	*	
St. Louis, MO-IL MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
			AL	
17083	Jersey County, IL	*	*	St. Louis was divided into 3 PMSAs in
17119	Madison County, IL	*	*	Alton-Granite City, IL PMSA
29055	Crawford County, MO (pt.)**	*		East St. Louis-Belleville, IL PMSA
			EAST	St. Louis, MO-IL PMSA
17027	Clinton County, IL	*	*	** The portion of St. Louis in Crawford county is not used by Census Bureau for reporting data
17163	St. Clair County, IL	*	*	
			St.Lo	
17133	Monroe County, IL	*	*	
29071	Franklin County, MO	*	*	
29099	Jefferson County, MO	*	*	
29113	Lincoln County, MO	*		
29183	St. Charles County, MO	*	*	
29189	St. Louis County, MO	*	*	
29219	Warren County, MO	*		
29510	St. Louis city, MO	*	*	
Tampa-St. Petersburg-Clearwater, FL MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
12053	Hernando County	*	*	
12057	Hillsborough County	*	*	
12101	Pasco County	*	*	
12103	Pinellas County	*	*	

Washington-Baltimore, DC-MD-VA-WV CMSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
	Baltimore, MD PMSA		BA	Baltimore and Washington, D.C. were separate MSAs in 1983
24003	Anne Arundel County	*	*	
24005	Baltimore County	*	*	
24013	Carroll County	*	*	
24025	Harford County	*	*	
24027	Howard County	*	*	
24035	Queen Anne's County	*	*	
24510	Baltimore city	*	*	
	Hagerstown, MD PMSA		HA	Hagerstown was not included in a "large" MSA in 1990
24043	Washington County	*	*	
	Washington, DC-MD-VA-WV PMSA		WA	
11001	District of Columbia	*	*	
24009	Calvert County, MD	*	*	
24017	Charles County, MD	*	*	
24021	Frederick County, MD	*	*	
24031	Montgomery County, MD	*	*	
24033	Prince George's County, MD	*	*	
51013	Arlington County, VA	*	*	
51043	Clarke County, VA	*		
51047	Culpeper County, VA	*		
51059	Fairfax County, VA	*	*	
51061	Fauquier County, VA	*		
51099	King George County, VA	*		
51107	Loudoun County, VA	*	*	
51153	Prince William County, VA	*	*	
51177	Spotsylvania County, VA	*		
51179	Stafford County, VA	*	*	
51187	Warren County, VA	*		
51510	Alexandria city, VA	*	*	
51600	Fairfax city, VA	*	*	
51610	Falls Church city, VA	*	*	
51630	Fredericksburg city, VA	*		
51683	Manassas city, VA	*	*	
51685	Manassas Park city, VA	*	*	
54003	Berkeley County, WV	*		
54037	Jefferson County, WV	*		
West Palm Beach-Boca Raton, FL MSA				
FIPS	Metropolitan Area and Component	1999	1990	Remarks
12099	Palm Beach County	*	*	