Metropolitan Areas: Concepts, Components, and Population

Statistics for metropolitan areas (MA's) shown in the *Statistical Abstract* represent areas designated by the U.S. Office of Management and Budget (OMB) as metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and primary metropolitan statistical areas (PMSA's).

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. Currently defined MA's are based on application of 1990 standards (which appeared in the *Federal Register* on March 30, 1990) to 1990 decennial census data. These MA definitions were announced by OMB effective June 30, 1996.

In this appendix, tables A, B, and C present historical summary information for MA's and nonmetropolitan areas as defined on certain dates. Table E presents geographic components and 1996 population estimates for each MSA, CMSA, and PMSA outside of New England. As of the June 1996 OMB announcement, there were 255 MSA's, and 18 CMSA's comprising 73 PMSA's in the United States. (In addition, there were three MSA's, one CMSA, and three PMSA's in Puerto Rico; MA's in Puerto Rico do not appear in these tables.) Table D presents definitions and data for New England county metropolitan areas (NECMA's), the county-based alternative metropolitan areas for the city- and town-based MSA's and CMSA's of the six New England States.

Standard definitions of metropolitan areas were first issued in 1949 by the then Bureau of the Budget (predecessor of OMB), under the designation "standard metropolitan area" (SMA). The term was changed to "standard metropolitan statistical area" (SMSA) in 1959, and to "metropolitan statistical area" (MSA) in 1983. The current collective term "metropolitan area" (MA) became effective in 1990. OMB has been responsible for the official metropolitan areas since they were first defined, except for the period 1977 to 1981, when they were the responsibility of the Office of Federal Statistical Policy and Standards, Department of Commerce.

The standards for defining metropolitan areas were modified in 1958, 1971, 1975, 1980, and 1990.

Defining MSA's, CMSA's, and PMSA's—The current standards provide that each MSA must include at least: (a) One city with 50,000 or more inhabitants, or (b) A Census Bureau-defined urbanized area (of at least 50,000 inhabitants) and a total metropolitan population of at least 100,000 (75,000 in New England).

Under the standards the county (or counties) that contains the largest city becomes the central county (counties), along with any adjacent counties that have at least 50 percent of their population in the urbanized area surrounding the largest city. Additional "outlying counties" are included in the MSA if they meet specified requirements of commuting to the central counties and other selected requirements of metropolitan character (such as population density and percent urban). In New England, the MSA's are defined in terms of cities and towns rather than counties.

An area that meets these requirements for recognition as an MSA and also has a population of one million or more may be recognized as a CMSA if: (1) separaté component areas can be identified within the entire area by meeting statistical criteria specified in the standards, and (2) local opinion indicates there is support for the component areas. If recognized, the component areas are designated PMSA's, and the entire area becomes a CMSA. (PMSA's, like the CMSA's that contain them, are composed of individual or groups of counties outside New England, and cities and towns within New England.) If no PMSA's are recognized, the entire area is designated as an MSA.

The largest city in each MSA/CMSA is designated a "central city," and additional cities qualify if specified requirements are met concerning population size and commuting patterns. The title of each MSA consists of the names of up to three of its central cities and the name of each State into which the MSA extends. However, a central city with less than one-third the population of the area's largest city is not included in an MSA title unless local opinion desires its inclusion. Titles of PMSA's also typically are based on central city names but in certain cases consist of county names. Generally, titles of CMSA's are based on the names of their component PMSA's.

A 1990 census list, CPH-L-145, showing 1990 and 1980 populations for current MA's and their component counties or New England subcounty areas is available through the Statistical Information Office, Population Division, 301-457-2422. A 1990 census Supplementary Report, 1990 CPH-S-1-1, Metropolitan Areas as Defined by the Office of Management and Budget, June 30, 1993, contains extensive population and housing statistics for the then current MA's and is available from the U.S. Government Printing Office (GPO) (stock number 003-024-08738-3). Also available from the GPO is the Census Bureau's wall map for the 1994 MA's (stock number 003-024-08768-5).

Defining NECMA's—The OMB defines NECMA's as a county-based alternative for the city- and town-based New England MSA's and CMSA's. The NECMA for an MSA or CMSA includes: (1) the county containing the first-named city in that MSA/CMSA title (this county may include the first-named cities of other MSA's/CMSA's as well), and (2) each additional county having at least half its population in the MSA's/CMSA's whose firstnamed cities are in the previously identified county. NECMA's are not identified for individual PMSA's. There are twelve NECMA's, including one for the Boston-Worcester-Lawrence CMSA and one for the portion of the New York-Northern New Jersey-Long Island CMSA in Connecticut.

Central cities of a NECMA are those cities in the NECMA that qualify as central cities of an MSA or a CMSA. NECMA titles derive from names of central cities of MSA's/CMSA's.

Changes in MA definitions over time-

Changes in the definitions of MA's since the 1950 census have consisted chiefly of (1) the recognition of new areas as they reached the minimum required city or area population;

and (2) the addition of counties or New England cities and towns to existing areas as new census data showed them to qualify. Also, former separate MA's have been merged with other areas, and occasionally territory has been transferred from one MA to another or from an MA to nonmetropolitan territory. The large majority of changes have taken place on the basis of decennial census data, although the MA standards specify the bases for intercensal updates.

Because of these changes in definition, users must be cautious in comparing MA data from different dates. For some purposes, comparisons of data for MA's as defined at given dates may be appropriate. To facilitate constant-area comparisons, data for earlier dates have been revised in tables where possible to reflect the MA boundaries of the more recent date.

In tables A, B, and C below, data are given for MA's as defined for specific dates, thereby indicating the extent of change in population and land area resulting from revisions in definitions.

Table A. Number, Population, and Land Area of MA's as Defined at Specified Dates From 1960 to 1993

The differences in population shown here for each year within each column of the table result entirely from net expansion of metropolitan territory through changes in the MA definitions. The differences in population over time shown for each MA definition (on the successive lines of the table) result entirely from population changes within that territory, unaffected by changes in MA definitions. The changes in 1990 land area result entirely from net change in MA territory, all data include Alaska and Hawaii and exclude Puetro Rico. Subtraction of any line of the table from the line below will show the net effect of change in population and land area undergone by the MA's as the result of changes in definitions between the specified dates. Such changes may have occurred throughout the period, not on any single date, and may have included reductions in, as well as additions to, MA territory. Census population data through 1980 include corrections made since publication. The area data for the 1960, 1970, and 1980 census definitions of MA's differ from the data published in those censuses because of subsequent remeasurement of land areas and changes in inland water area occurring for the 1990 census]

	Number	POPULATION					Land
MA DEFINITION AS OF—	of MA's	1960 (April 1)	1970 (April 1)	1980 (April 1)	1990 (April 1)	<mark>1992</mark> (July 1)	area, 1990 (sq. mi.)
1960 census (Nov. 1960) 1964 (Aug. 31) 2 1968 (Jan. 31) 3 1970 census (Feb. 28, 1971). 1974 (Apr. 30) 8 1974 (Apr. 30) 8 1974 (Dec. 31) 8 1980 census (June 30, 1981) 9 1983 (June 30). 1984 (June 30) 1985 (June 30) 11 1987 (June 30) 11 1987 (June 30) 12 1988 (June 30) 12 1989 (June 30) 12 1989 (June 30) 12 1999 (Dec. 31) 12	230 243 265 277 318 10275 10277 10280 10281 10281 10283 10283 10284 10268	1112,885,139 115,876,343 118,413,604 4119,593,498 7126,613,710 127,674,818 131,318,714 132,633,988 132,707,748 132,887,134 132,977,580 133,003,445 133,088,400 133,233,777 133,275,412 (NA)	134,700,911 137,976,252 5139,479,806 148,198,993 149,482,664 153,693,767 155,411,328 155,519,340 155,700,823 155,832,688 155,937,275 156,084,580 156,137,337 (NA)	162,753,335 164,383,496 169,430,623 171,776,970 171,955,900 172,169,456 172,334,547 172,454,948 172,601,873 172,679,870 176,662,797	155,088,626 160,500,956 165,707,672 167,896,646 181,125,276 181,125,276 181,639,860 188,759,597 191,033,497 192,314,367 192,345,395 192,476,951 192,618,846 192,725,741	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	308,742 348,400 377,042 386,241 490,551 509,841 565,288 559,752 563,796 569,816 571,745 572,284 573,560 574,622 580,136 669,927
1993 (June 30) ¹² ¹³	¹⁰ 268	(NA)	(NA)	176,892,735	197,724,892	203,172,185	673,057

NA Not available.

Corresponds to total MA population for 1960 published in 1960 census (112,885,178), corrected by subtracting population (39) erroneously included in Franklin County, Ohio (Columbus metropolitan area).

MA's as defined for the 1963 economic censuses.

A Corresponds to total 1960 population for 1970 MA's published in 1970 census (119,594,754), corrected by subtracting 1,256 population from Lawrence-Haverhill metropolitan area; this represented an addition to the 1960 population of Andover town made subsequent to the original census tabulations, and therefore not reflected in State or national totals.
Corresponds to total MA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication.

MA's as defined for the 1972 economic censuses.
A Includes 1960 population (82,833) of Anchorage Census Division, as defined in 1970.

MA's as defined for the 1977 economic censuses.
A MA's as defined for the 1982 economic censuses.
MA's as defined for the 1987 economic censuses.
A MA's as defined for the 1987 economic censuses.
A MA's as defined for the 1982 economic censuses.
MA's as defined for the 1982 economic censuses.
MA's as defined for the 1982 economic censuses.
MA's as defined for the 1982 economic censuses.

Source: U.S. Bureau of the Census, 1960-70, U.S. Census of Population, vol. 1; 1980 Census of Population, vol. 1, chapters A and B and Supplementary Report, Metropolitan Statistical Areas (PC80-S1-18); 1990 Census of Population and Housing Data Paper Listing (CPHL-110 and CPHL-118); 1990 Census of Population and Housing, Supplementary Reports, Metropolitan Areas as Defined by the Office of Management and Budget, June 30, 1993, (1990 CPH-S-1-1); and Population Paper Listing (PPL-2).

Table B. Nonmetropolitan Population and Land Area as Defined at Specified Dates From 1960 to 1993

[See headnote for table A. Nonmetropolitan population and land area are equivalent to that portion of the total national population and land area not included within MA's at the dates specified]

		Land area,				
METROPOLITAN AREA DEFINITION AS OF—	1960 (April 1)	1970 (April 1)	1980 (April 1)	1990 (April 1)	1992 (July 1)	1990 (sq. mi.)
1964 (Aug. 31). 1968 (Jan. 31). 1970 census (Feb. 28, 1971). 1974 (Apr. 30). 1977 (Dec. 31). 1980 census (June 30, 1981). 1983 (June 30). 1984 (June 30). 1985 (June 30). 1985 (June 30). 1986 (June 30). 1987 (June 30). 1988 (June 30). 1988 (June 30). 1989 (June 30).	66,438,036 63,446,832 60,909,571 59,729,677 52,709,465 51,648,357 48,004,461 46,689,187 46,436,041 46,345,595 46,319,730 46,234,775 46,089,398 46,047,763 (NA)	68,601,120 65,325,779 63,822,225 55,103,038 53,819,367 49,608,264 47,890,703 47,782,691 47,601,208 47,496,579 47,469,343 47,364,756	57,115,182 54,768,835 54,589,905 54,376,349 54,241,789 54,211,258 54,090,857 53,943,932	88,208,917 83,002,201 80,813,227 67,584,597 65,720,013 59,50,276 57,075,518 56,806,376 56,395,506 56,395,506 56,364,478 56,232,922 56,091,027 55,984,132	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	3,231,027 3,191,368 3,162,726 3,153,527 3,049,218 3,029,928 2,974,481 2,980,016 2,975,972 2,968,023 2,968,023 2,966,208 2,965,146 2,959,632 2,866,411 2,863,281

NA Not available.

Table C. Percent of Total U.S. Population and Percent of Land Area Inside MA's As Defined at Specified Dates From 1960 to 1993

[See headnote for table A]

		Percent of				
METROPOLITAN AREA DEFINITION AS OF—	1960	1970	1980	1990	1992	land area,
	(April 1)	(April 1)	(April 1)	(April 1)	(July 1)	1990
1960 census (Nov. 1960). 1964 (Aug. 31). 1968 (Jan. 31). 1970 census (Feb. 28, 1971). 1974 (Apr. 30). 1987 (Dec. 31). 1980 census (June 30, 1981). 1983 (June 30). 1984 (June 30). 1985 (June 30). 1986 (June 30). 1987 (June 30). 1988 (June 30). 1988 (June 30). 1989 (June 30).	63.0 64.6 66.0 66.7 70.6 71.2 74.0 74.1 74.2 74.2 74.2 74.2	64.4 66.3 67.9 68.6 72.9 73.5 76.4 76.5 76.6 76.6 76.7 76.8	62.1 64.2 66.1 66.9 71.8 72.6 74.8 75.9 76.0 76.1 76.1 76.1	62.4 64.5 66.6 67.5 72.8 73.6 75.9 77.1 77.2 77.3 77.3 77.3	(XA) (XA) (XA) (XA) (XA) (XA) (XA) (XA)	8.7 9.8 10.7 10.9 13.9 14.4 16.0 15.8 15.9 16.1 16.2 16.2
1990 census (June 30, 1990)	74.3	76.8	76.2	77.5	(NA)	16.4
	(NA)	(NA)	78.0	79.4	79.5	18.9
	(NA)	(NA)	78.1	79.5	79.7	19.0

NA Not available.

Source: U.S. Bureau of the Census, 1960-70, U.S. Census of Population, vol. 1; 1980 Census of Population, vol. 1, chapters A and B and Supplementary Report, Metropolitan Statistical Areas (PC80-S1-18); 1990 Census of Population and Housing Data Paper Listing (CPH-L-10 and CPH-L-118); 1990 Census of Population and Housing, Supplementary Reports, Metropolitan Areas as Defined by the Office of Management and Budget, June 30, 1993, (1990 CPH-S1-1); and Population Paper Listing (PPL-2).

Table D. New England County Metropolitan Areas (NECMA's)

[In thousands. As of July 1]

NECMA	Population,	NECMA	Population,	NECMA	Population,
Bangor, ME	145 145	Chittenden County	141		251
Barnstable-Yarmouth, MA Barnstable County		Franklin County	43 6	Pittsfield, MA	135 135
Boston-Worcester-Lawrence- Lowell-Brockton, MA-NH		Hartford, CT	832	Portland, ME	251 251
Bristol County, MA	687	Tolland County	130	Providence-Warwick- Pawtucket, RI	907
Middlesex County, MA Norfolk County, MA Plymouth County, MA	637	Lewiston-Auburn, ME Androscoggin County	102 102	Bristol County	49 162
Suffolk County, MA Worcester County, MA	645	New Haven-Bridgeport- Stamford-Waterbury-		Providence County	578 118
Hillsborough County, NH Rockingham County, NH Strafford County, NH	354 263	Danbury, CT	834		442

Source: U.S. Bureau of the Census, "County Population Estimates: 1996;" published 9 July 1997; http://www.census.gov/ population/www/estimates/co96.html>.

Table E. Metropolitan Areas Outside of New England and Their Components as of June 30, 1996

[Population estimated as of July 1, 1996. All metropolitan areas are arranged alphabetically. PMSA's are included under their respective CMSA's, see CMSA entry. This table presents data for MAs outside New England only]

Abilene, TX MSA		Population, 1996 (1,000)		Population, 1996 (1,000)		Popu- lation, 1996 (1,000)
Dougherty County 97 Lee County 97 Lee County 97 Lee County 97 Lee County 97 Albarry Schenectady-Troy, 98 Walton County 48 Walton County 49 Walton County 48 Walton County 48 Walton County 48 Columbia County 63 Cameron County 315 Walton County 63 Cameron County 315 Walton County 63 Cameron County 315 Cameron County 316 Cameron County 316 Cameron County 316 Cameron County 316 Cameron County 317 Cameron County 318 Cameron County 319 Cameron County 319 Cameron County 319 Cameron County 312 Cameron County 312 Cameron County 312 Cameron County 312 Cameron County 314 Cameron County 315 Cameron County 316 Cameron County 318 Cameron County 319 Cameron County 318	Taylor County	122	Paulding County	53 64	Ada County	260
Albany-Schenectady-Troy, NY MSA 1979 Albany County 296 Albany County 297 Albany County 298 Albany County 299 Anchorage AK MSA 206 Albany County 298 Anniston, Al MSA 206 Anniston, Al MSA 207 Anniston, Al MSA 207 Asheville, NC MSA 207 Asheville, NC MSA 207 Alany County 207 Alare Co	Dougherty County	97	Rockdale County Spalding County	65 58	MSA	
Saratoga County. 195 Schenectacy County. 148 Schonarie County. 33 Albuquerque, NM MSA 670 Bemaililo County. 527 Sandoval County. 83 Albuquerque, NM MSA 670 Bemaililo County. 83 Albuquerque, NM MSA 670 Bemaililo County. 83 Caldwell County. 83 Caldwell County. 83 Albuquerque, NM MSA 670 Bemaililo County. 83 Caldwell County. 83 Caldwell County. 83 Caldwell County. 83 Caldwell County. 83 Carroll County. 83 Caldwell County. 85 Cald	NY MSA Albany County	296 52	Augusta-Aiken, GA-SC MSA Columbia County, GA McDuffie County, GA	454 86 21	Bryan-College Station, TX MSA	132
Albquerque, NM MSA 670 Bernallilo County 527 Sandoval County 83 Valencia County 60 Valencia Coun	Saratoga County Schenectady County	195 148	Edgefield County, SC	133 19	MSA	954
Alexandria, LA MSA	Bernalillo County Sandoval County	527 83	Bastrop County	47 31 82	Canton-Massillon, OH MSA . Carroll County	403 29
Easton. PA MSA	Rapides Parish		Williamson County Bakersfield, CA MSA	623	Casper, WY MSA Natrona County	64
Northampton County	Easton, PA MSA	59	Ascension Parish	68	Linn County	179
MSA 376 Berkeley County 133 Amarillo, TX MSA 206 Potter County 109 Randall County 109 Randall County 97 Randall County 97 Anchorage, AK MSA 251 Anchorage Borough 251 Anchorage Borough 251 Anniston, AL MSA 114 Calhoun County 114 Appleton-Oshkosh-Neenah, Wi MSA 341 Calumet County 153 Winnebago County 153 Winnebago County 153 Winnebago County 153 Winnebago County 153 Madison County 18 Madison County 18 Athens, GA MSA 137 Clarke County 21 Athens, GA MSA 376 Altanta, GA MSA 377 Clarke County 22 Atlanta, GA MSA 377 Clarke County 26 Carroll County 278 Cobe County 279 Cobe County 270 C	Northampton County	258	Livingston Parish West Baton Rouge Parish .	83	Charleston-North Charleston.	
Anchorage AK MSA 251 Anchorage Borough 251 Anchorage Borough 251 Anniston, AL MSA 114 Calhoun County 114 Calhoun County 114 Calhoun County 114 Appleton-Oshkosh-Neenah, WI MSA 341 Calumet County 153 Outagamie County 153 Winnebago County 150 Buncombe County 18 Asheville, NC MSA 210 Buncombe County 18 Athens, GA MSA 137 Clarke County 91 Madison County 24 Oconee County 22 Atlanta, GA MSA 3,541 Barrow County 37 Bartow County 66 Carroll County 72 Clarkoe County 73 Bartow County 74 Barrow County 75 Barrow County 76 Carboe County 121 Clayton County 76 DeKalb County 76 DeKalb County 76 DeKalb County 76 DeKalb County 88 Fayette County 82 Forsyth County 84 Fayette County 82 Forsyth County 66 Fixenama A MSA 255 Kanawha County 205 Kanawha County 205 Charloster, MSA 1,321 Charlotte-Gastonia-Rock Hill, NC-SC MSA 1,321 Cabarrus County, NC 183 Kanawha County 205 Futnam County 120 Cabaroa County, NC 183 Fixenam County 1150 Random MSA 1,321 Gaston County, NC 183 Gaston County, NC 183 Lincoln County, NC 183 Gaston County, NC 183 Gaston County, NC 183 Lincoln County, NC 183 Gaston County, NC 183 Gaston County, NC 183 Lincoln County, NC 183 Gaston County, NC 192 Gaston County, NC 192 Gaston County, NC 192 Gaston County, NC 192 Gaston County, NC 183 Finama County 192 Gaston County 192 Gaston County 192 Gaston County 192 Gaston County, NC 183 Gaston County, NC 183 Lincoln County, NC 183 Gaston County, NC 183 Gaston County, NC 192 Gaston County, NC 183 Finama County 192 Gaston County 192	Amarillo, TX MSA Potter County	206 109	MSA	48 244	Charleston County	133 278
Berrien County	Anchorage, AK MSA	251	Bellingham, WA MSA	153	Kanawha County	205
Value	Calhoun County	114 114	Berrien County	161	Hill, NC-SC MSA	113
Asheville, N. MSA 210 Burcombe County 192 Madison County 18 Binghamton, NY MSA 254 Albemarle County 74 Fluvanna County 13 Clarke County 91 Madison County 24 Oconee County 22 Birmingham, AL MSA 895 Blount County 43 Barrow County 37 Bartow County 66 Carroll County 66 Carroll County 79 Cherokee County 121 Clayton County 202 Cobb County 539 Coweta County 539 Coweta County 540 Charlottesville, VA MSA 145 Albemarle County 74 Fluvanna County 17 Greene County 13 Charlottesville city 41 Charlottesville county 295 Chattanooga, TN-GA MSA 446 Charlottesville city 41 Charlottesville county 43 Charlottesville county 13 Charlottesville, VA MSA 145 Charlot	WI MSA	38 153	Yellowstone County Biloxi-Gulfport-Pascagoula, MS	126	Lincoln County, NC Mecklenburg County NC	56 598 122
Athens, GA MSA	Asheville, NC MSA Buncombe County	210 192	Hancock County	38 177	Charlottesville, VA MSA	145
Decay County Co	Athens, GA MSA	137 91	Broome County	202	Fluvanna County Greene County	17 13
Bartow County 66 Carroll County 79 Cherokee County 121 Clayton County 539 Coweta County 539 Douglas County 59 Douglas County 84 Fayette County 82 Forsyth County 66 Shelby County 67 Sloomington-Normal, IL Sloomington-Normal, IL Shelby County 130 Dade County, GA 14 Walker County, GA 61 Walker County, GA 61 Walker County, GA 61 Cheyenne, WY MSA 79 Cheyenne, WY MSA 79 Laramic County 79 Chicago-Gary-Kenosha, IL-IN-WI CMSA 8,600 Chicago, IL-PMSA 7,734 Cook County, IL 5,097	Oconee County Atlanta, GA MSA	22 3,541	Blount County Jefferson County	43 662	Hamilton County, TN Marion County, TN	295 27
Coweta County	Bartow County	66 79	Shelby County	130 90	Walker County, GA	14
Douglas County 84 Monroe County 116 IL-IN-WI CMSA 8,600 Fayette County 82 Forsyth County 69 Bloomington-Normal, IL Cook County IL 5.097	DeKalb County	76 590	Morton County	24 116	Laramie County	
Gwinnett County	Fayette County	84 82 69	Bloomington-Normal, IL		Chicago, IL PMSA	7,734 5,097

	Population, 1996 (1,000)		Population, 1996 (1,000)		Population, 1996 (1,000)
Grundy County, IL Kane County, IL Kendall County, IL	36 370 48	Dallas-Fort Worth, TX CMSA Dallas, TX PMSA Collin County	4,575 3,048 372	Dubuque, IA MSA	
Lake County, İL	583 231 428	Dallas County Denton County Ellis County	2,000 348 97	Duluth, MN-WI MSA St. Louis County, MN Douglas County, WI	239 196 43
Gary, IN PMSA Lake County, IN Porter County, IN Kankakee, IL PMSA	622 480 142 102	Henderson County	66 68 62 34	Eau Claire, WI MSA Chippewa County Eau Claire County	143 54 89
Kankakee County, IL Kenosha, WI PMSA Kenosha County, WI	102 142 142	Fort Worth-Arlington, TX PMSA Hood County	1,527 35 110	El Paso, TX MSA	684
Chico-Paradise, CA MSA Butte County	1 <mark>93</mark> 193	Parker County	76 1,305 109	Elkhart-Goshen, IN MSA Elkhart County	169 169
Cincinnati-Hamilton, OH- KY-IN CMSA	1,921 1,597	Pittsylvania County Danville city	56 53	Elmira, NY MSA	93
Brown County, OH Clermont County, OH Hamilton County, OH	39 170 858	Davenport-Moline- Rock Island, IA-IL MSA Scott County, IA	358 157	Enid, OK MSA	57
Boone County, KY Campbell County, KY	135 73 87	Henry County, IL Rock Island County, IL	52 149	Erie, PA MSA	281
Gallatin County, KY	6 19 146 14	Dayton-Springfield, OH MSA Clark County	951 147 140 97	Lane County Evansville-Henderson, IN-KY	307
Dearborn County, IN Ohio County, IN	45 5 324	Montgomery County Daytona Beach, FL MSA	566 456	MSA	289 27 168
Butler County, OH Clarksville-Hopkinsville,	324	Flagler County	42 414	Warrick County, IN Henderson County, KY	50 44
TN-KY MSA	186 121 65	Lawrence County	140 33 107	Fargo-Moorhead, ND-MN MSA Cass County, ND Clay County, MN	165 113 52
Cleveland-Akron, OH CMSA. Akron, OH PMSA Portage County	2,913 680 150	Decatur, IL MSA	115 115	Fayetteville, NC MSA Cumberland County	285
Summit County	531 2,233	Denver-Boulder-Greeley, CO CMSABoulder-Longmont, CO	2,277	Fayetteville-Springdale- Rogers, AR MSA	
Ashtabula County Cuyahoga County	102 1,402 86 223	Boulder County Denver, CO PMSA Adams County	258 258 1,867 310	Washington County Flagstaff, AZ-UT MSA	135
Lorain County	281 139	Arapahoe County	455 498 112	Coconino County, AZ Kane County, UT	6
Colorado Springs, CO MSA. El Paso County	473 473	Jefferson County Greeley, CO PMSA Weld County	493 152 152	Florence, AL MSA Colbert County Lauderdale County	52
Columbia, MO MSA Boone County Columbia, SC MSA	126 126 488	Des Moines, IA MSA Dallas County Polk County	427 34 354	Florence, SC MSA	
Lexington County Richland County	196 293	Warren County	39	Fort Collins-Loveland, CO MSA Larimer County	222 222
Columbus, GA-AL MSA Chattahoochee County, GA. Harris County, GA	272 16 21	Ann Arbor, MI PMSA Lenawee County	5,284 530 97	Fort Myers-Cape Coral, FL MSA	380 380
Muscogee County, GA Russell County, AL	183 51 1,448	Livingston County	138 295 4,318 85	Fort Pierce-Port St. Lucie, FL MSA	287
Delaware County Fairfield County Franklin County	83 119 1,014	Macomb County	735 140 1,162	Martin County St. Lucie County	113 175
Licking County	138 41 53	St. Clair County	156 2,040 436	Fort Smith, AR-OK MSA Crawford County, AR Sebastian County, AR Sequoyah County, OK	49 106
Corpus Christi, TX MSA Nueces County San Patricio County	384 316 68	Dothan, AL MSA Dale County	436 133 49	Fort Walton Beach, FL MSA. Okaloosa County	166
Cumberland, MD-WV MSA Allegany County, MD Mineral County, WV	101 73 28	Houston County	84 122 122	Fort Wayne, IN MSA Adams County Allen County De Kalb County	33

	Population, 1996 (1,000)		Population, 1996 (1,000)		Population, 1996 (1,000)
Huntington County	37 27 30	Houma, LA MSA	190 88 102	Johnstown, PA MSA Cambria County Somerset County	239 159 81
Fresno, CA MSA Fresno County Madera County	862 751 110	Houston-Galveston- Brazoria, TX CMSA Brazoria, TX PMSA	4,253 221	Jonesboro, AR MSA Craighead County	76 76
Gadsden, AL MSA Etowah County	102 102	Brazoria County	221 241 241	Joplin, MO MSA Jasper County Newton County	
Gainesville, FL MSA Alachua County	197 197	Houston, TX PMSA Chambers County	3, 792 23	Kalamazoo-Battle Creek, MI	444
Glens Falls, NY MSA Warren County Washington County	122 61 61	Fort Bend County	307 3,127 63 246 26	Calhoun County	140 229 75 1,690
Goldsboro, NC MSA Wayne County	112 112	Huntington-Ashland,		Cass County, MO	76 170 18
Grand Forks, ND-MN MSA Grand Forks County, ND Polk County, MN	104 71 32	WV-KŸ-OH MSA Cabell County, WV	317 96 42 50	Jackson County, MO Lafayette County, MO Platte County, MO	646 32 67
Grand Junction, CO MSA Mesa County	108 108	Carter County, KY Greenup County, KY Lawrence County, OH	26 37 64	Ray County, MO Johnson County, KS Leavenworth County, KS	23 408 70
Grand Rapids-Muskegon- Holland, MI MSA	1, <mark>015</mark> 99	Huntsville, AL MSA	330 60	Miami County, KS	26 153 297
Kent County	536 165 215	Madison County	1,492	Killeen-Temple, TX MSA Bell County	222 74
Great Falls, MT MSA Cascade County	81 81	Boone County	42 148 52 89	Knoxville, TN MSA Anderson County Blount County	649 72 99
Green Bay, WI MSA Brown County	213 213	Johnson County	104 133 818	Knox County	365 37 61
Greensboro—Winston- Salem—High Point, NC		Morgan County Shelby County	63 43	Union County	16 101
MSA Alamance County	1,141 117 137	Johnson County	102 102	Howard County Tipton County	
Davie County	30 284 379	Jackson, MI MSA Jackson County	155 155	La Crosse, WI-MN MSA La Crosse County, WI Houston County, MN	122 102 19
Randolph County Stokes County Yadkin County	117 42 34	Jackson, MS MSA Hinds County	421 250 68	Lafayette, LA MSA	369 58
Greenville, NC MSA Pitt County	119 119	Rankin County	102 98	Lafayette Parish St. Landry Parish St. Martin Parish	182 83 46
Greenville-Spartanburg- Anderson, SC MSA	897	Chester County Madison County	14 84	Lafayette, IN MSA	171 33
Anderson County	157 48 345	Jacksonville, FL MSA Clay County	1,009 129 721	Tippecanoe County Lake Charles, LA MSA	138 179
Pickens County Spartanburg County	104 243	Nassau County St. Johns County	52 107	Calcasieu ParishLakeland-Winter Haven, FL	179
Harrisburg-Lebanon-Carlisle, PA MSA Cumberland County Dauphin County	615 207	Onslow County	145 145	MSA	441 441
Dauphin County Lebanon County Perry County	247 117 44	Jamestown, NY MSA Chautauqua County	141 141	Lancaster, PA MSA Lancaster County	
Hattiesburg, MS MSA Forrest County	1 <mark>08</mark> 73	Janesville-Beloit, WI MSA Rock County	151 151	Lansing-East Lansing, MI MSA	62
Lamar County Hickory-Morganton, NC	35	Johnson City-Kingsport- Bristol, TN-VA MSA Carter County, TN	458 53	Eaton County	100 286
MSA	315 30 81	Hawkins County, TN Sullivan County, TN Unicoi County, TN	48 150 17	Webb County	177
Caldwell County Catawba County	75 129	Washington Ćounty, TN Scott County, VA Washington County, VA	100 23 48	Las Cruces, NM MSA Dona Ana County	164 164
Honolulu, HI MSA	872 872	Bristol city, VA	18	Las Vegas, NV-AZ MSA Clark County, NV	<mark>1,201</mark> 1,049

	Population, 1996 (1,000)		Population, 1996 (1,000)		Population 1996 (1,000)
Nye County, NV	26 126	McAllen-Edinburg-Mission, TX MSA	496 496	Williamson County Wilson County	106 80
Lawrence, KS MSA Douglas County	90 90	Medford-Ashland, OR MSA . Jackson County	169	New Orleans, LA MSA Jefferson Parish Orleans Parish	1,313 455 477
Lawton, OK MSA	<mark>111</mark> 111	Melbourne-Titusville-Palm Bay, FL MSA		Plaquemines Parish St. Bernard Parish. St. Charles Parish.	26 67
Lexington, KY MSA Bourbon County Clark County	441 19 32	Brevard County Memphis. TN-AR-MS MSA	454 1.078	St. James Parish St. John the Baptist Parish St. Tammany Parish	21 42 178
Fayette County	240 35 64	Fayette County, TN Shelby County, TN Tipton County, TN	28 867 45	New York-Northern New Jersey- Long Island, NY-NJ-CT-PA	
Scott County	29 22	Crittenden County, AR DeSoto County, MS	50 88	CMSA (pt.) 1	1,311
Allen County Auglaize County	155 108 47	Merced, CA MSA		Bergen County, NJ Passaic County, NJ Dutchess County, NY PMSA Dutchess County, NY	263 263
Lincoln, NE MSA Lancaster County	232 232	Miami-Fort Lauderdale, FL CMSAFort Lauderdale, FL PMSA.	3,514 1,438	Jersey City, NJ PMSA Hudson County, NJ Middlesex-Somerset-	551 551
Little Rock-North Little Rock, AR MSA	548 74	Broward County		Hunterdon, NJ PMSA Hunterdon County, NJ Middlesex County, NJ	1,091 119 702
Lonoke County Pulaski County	48 352	Milwaukee-Racine, WI CMSA Milwaukee-Waukesha, WIPMSA		Somerset County, NJ	270 1,065 591
Saline County	75	Milwaukee County Ozaukee County	922	Ocean County, NJ	474 2.660
Longview-Marshall, TX MSA Gregg County	207 112	Washington County Waukesha County	111	Nassau County, NY Suffolk County, NY	1,303 1,357
Harrison County Upshur County	60 35	Racine, WI PMSA	185	New York, NY PMSA Bronx County, NY	8,643 1,194
Los Angeles-Riverside- Orange County, CA CMSA.	15,495	Minneapolis-St. Paul, MN-WI	2,765	Kings County, NY New York County, NY Putnam County, NY	91
Los Angeles-Long Beach, CA PMSA	9,128	Anoka County, MN Carver County, MN	282 61	Queens County, NY Richmond County, NY	1,981 399
Los Angeles County Orange County, CA PMSA .	9,128 2,637	Chisago County, MN Dakota County, MN	38 326	Rockland County, NY Westchester County, NY	278 893
Orange County	2,637	Dakota County, MN Hennepin County, MN Isanti County, MN	1,059 29	Newark, NJ PMSA	1, <mark>940</mark> 755
CA PMSA	3, <mark>016</mark> 1,417	Ramsey County, MN Scott County, MN	484	Morris County, NJ Sussex County, NJ	449 141
San Bernardino County	1,598	Sherburne County, MN	55	Union County, NJ	497
Ventura, CA PMSA Ventura County	715 715	Washington County, MN Wright County, MN	81	Warren County, NJ Newburgh, NY-PA PMSA	98 363
Louisville, KY-IN MSA	992	Pierce County, WI St. Croix County, WI	35 56	Orange County, NY Pike County, PA	324 38
Bullitt County, KY Jefferson County, KY	57 673	Mobile, AL MSA		Trenton, NJ PMSA	330
Oldham County, KY Clark County, IN	42 93	Baldwin County	123	Mercer County, NJ	330
Floyd County, IN	71	Mobile County		Norfolk-Virginia Beach- Newport News, VA-NC MSA	1,540
Harrison County, IN Scott County, IN	33 23	Modesto, CA MSA Stanislaus County		Gloucester County, VA Isle of Wight County, VA James City County, VA	34 28 41
Lubbock, TX MSA Lubbock County	232 232	Monroe, LA MSA Ouachita Parish		Mathews County, VA	ç
				York County, VA	55 192
Amherst County	206 30	Montgomery, AL MSA Autauga County	40	Hampton city, VA Newport News city, VA	139 176
Bedford County Campbell County	53 49	Elmore County	58 216	Norfolk city, VA Poquoson city, VA	233 12
Bedford city	49 7 67	Muncie, IN MSA		Portsmouth city, VA	101
Macon, GA MSA	313	Delaware County		Suffolk city, VA Virginia Beach city, VA	430
Bibb County	156 101	Myrtle Beach, SC MSA Horry County		Williamsburg city, VA Currituck County, NC	13 17
Jones County	22 24 10	Naples, FL MSA		Ocala, FL MSA	230 230
Madison, WI MSA	395 395	Nashville, TN MSA	33	Odessa-Midland, TX MSA Ector County Midland County	239 123 116
Mansfield, OH MSA Crawford County Richland County	175 47 128	Davidson County Dickson County Robertson County Rutherford County Sumner County	40 50 154	Oklahoma City, OK MSA Canadian County Cleveland County Logan County	1,027 83 195 31

	Population, 1996 (1,000)		Population, 1996 (1,000)		Population, 1996 (1,000)
McClain County Oklahoma County Pottawatomie County	25 631 62	Columbia County, OR Multnomah County, OR Washington County, OR	384	Sacramento-Yolo, CA CMSA Sacramento, CA PMSA El Dorado County	1,632 1,482 152
Omaha, NE-IA MSA Cass County, NE Douglas County, NE Sarpy County, NE	682 23 439 116	Yamhill County, OR. Clark County, WA. Salem, OR PMSA. Marion County, OR. Polk County, OR.	78 305 319 261 59	Placer County. Sacramento County. Yolo, CA PMSA Yolo County.	213 1,117 <mark>150</mark> 150
Washington County, NE Pottawattamie County, IA	18 85	Provo-Orem, UT MSA Utah County	320 320	Saginaw-Bay City-Midland, MI MSA	403 111
Orlando, FL MSA Lake County Orange County Osceola County	1,417 187 759 136	Pueblo, CO MSA	131	Midland County Saginaw County St. Cloud, MN MSA	81 212 160
Seminole County	336 91	Charlotte County	130 130	Benton County Stearns County	33 127
Panama City, FL MSA	91 145	Raleigh-Durham-Chapel Hill, NC MSA	1,025 44	St. Joseph, MO MSA Andrew County Buchanan County	97 15 82
Bay County	145	Durham County Franklin County Johnston County	98	St. Louis, MO-IL MSA Franklin County, MO	2,548 89
WV-OH MSA	1 52 88 64	Orange County	534	Jefferson County, MO Lincoln County, MO St. Charles County, MO	189 34 255
Pensacola, FL MSA Escambia County Santa Rosa County	386 278 108	Rapid City, SD MSA Pennington County	87 87 352	St. Louis County, MO	1,004 23 352
Peoria-Pekin, IL MSA Peoria County	347 183	Berks County		Clinton County, IL Jersey County, IL	35 21 256 25
Tazewell County	128 35	Shasta County	162	Monroe County, IL St. Clair County, IL Salinas, CA MSA	264 339
Philadelphia-Wilmington- Atlantic City, PA-NJ-DE-MD CMSA	5,973	Washoe County	299	Monterey County	339
Atlantic-Cape May, NJ PMSA Atlantic County, NJ	334 235	WA MSA	180 134 46	MSA	1, <mark>218</mark> 215 828
Cape May County, NJ Philadelphia, PA-NJ PMSA.	98 4,953 579	Richmond-Petersburg, VA MSA	935	Weber County	175 103
Bucks County, PA Chester County, PA Delaware County, PA	411 548 709	Charles City County Chesterfield County Dinwiddie County	7 243 23	Tom Green County	103
Montgomery County, PA Philadelphia County, PA Burlington County, NJ Camden County, NJ	1,478 411 506	Goochland County	17 77 233	Bexar County	
Gloucester County, NJ Salem County, NJ	244 68	New Kent County	12 20 28	Wilson County	29 2,655
Bridgeton, NJ PMSA Cumberland County, NJ Wilmington-Newark, DE-MD	136 136	Colonial Heights city	17 23 38	San Diego County San Francisco-Oakland-San	2,655
PMSA	551 471 79	Richmond city Roanoke, VA MSA	198 229	Jose, CA CMSA Oakland, CA PMSA Alameda County	6,605
Phoenix-Mesa, AZ MSA Maricopa County	2,747 2,611	Botetourt County Roanoke County Roanoke city		Contra Costa County San Francisco, CA PMSA.	881 1,655 233
Pinal County Pine Bluff, AR MSA	135	Salem city	24 113	Marin County	735 687 1,600
Jefferson County Pittsburgh, PA MSA	83 2,379	Olmsted County	113 1,088	Santa Clara County Santa Cruz-Watsonville, CA PMSA	1,600 238
Allegheny County	1,296 187 168	Genesee County Livingston County Monroe County	61	Santa Cruz County Santa Rosa, CA PMSA Sonoma County	238 <mark>421</mark> 421
Fayette County	146 207 376	Ontario County Orleans County	100 45 94	Vallejo-Fairfield-Napa, CA PMSA	482
Pocatello, ID MSA Bannock County	74 74	Rockford, IL MSA	37	Napa County Solano County	
Portland-Salem, OR-WA	2,078	Ogle County	50 265	Paso Robles, CA MSA San Luis Obispo County	229 229
CMSA	1, 759 324	Rocky Mount, NC MSA Edgecombe County Nash County	144 56 88	Santa Barbara-Santa Maria- Lompoc, CA MSA Santa Barbara County	386 386

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Santa Fe, NM MSA Los Alamos County Santa Fe County	137 18 119	Stockton-Lodi, CA MSA San Joaquin County	533 533	Hagerstown, MD PMSA Washington County, MD Washington, DC-MD-VA-WV	127 127
Sarasota-Bradenton, FL MSA	529	Sumter, SC MSA	107 107	PMSA	4,563 543 67
Manatee County	232 297	Cayuga County Madison County	746 82 72	Charles County, MD Frederick County, MD Montgomery County, MD	114 179 817
Savannah, GA MSA Bryan County Chatham County	283 22 227	Onondaga County Oswego County	467 125	Prince George's County, MD Arlington County, VA	774 175 13
Scranton—Wilkes-Barre— Hazleton, PA MSA	33 628	Tallahassee, FL MSA Gadsden County Leon County	259 44 216	Culpeper County, VA Fairfax County, VA Fauquier County, VA	32 902 52
Columbia County Lackawanna County Luzerne County	64 213 321	Tampa-St. Petersburg- Clearwater, FL MSA Hernando County	2,199 121	King George County, VA Loudoun County, VA Prince William County, VA Spotsylvania County, VA	16 123 249 74
Wyoming County	29	Hillsborough County Pasco County Pinellas County	898 312 869	Stafford County, VA	82 30 118
WA CMSA Bremerton, WA PMSA Kitsap County Olympia, WA PMSA	3,321 232 232	Terre Haute, IN MSA Clay County	150 26	Fairfax city, VA Falls Church city, VA Fredericksburg city, VA	21 10 23
Thurston County	197 197 2,235	Vermillion County Vigo County	17 106	Berkeley County, WV	33 8 68 40
Island County	69 1,619 546	AR MSA	124 85 39	Jefferson County, WV Waterloo-Cedar Falls, IA MSA	123
Pierce County	657 657	Toledo, OH MSA Fulton County	611 41	Black Hawk County Wausau, WI MSA	123 122
Sharon, PA MSA	122 122 110	Lucas County	453 118 165	Marathon County	122
Sheboygan County	110 101	Shawnee County	165 768	Raton, FL MSA Palm Beach County	993 993 156
Grayson County	101	Pima County	768 756	Marshall County, WV Ohio County, WV Belmont County, OH	36 50 70
MSA	380 92 245	Creek County	65 43 64 532	Wichita, KS MSA	513 59
Webster Parish Sioux City, IA-NE MSA Woodbury County, IA	43 121 103	Tulsa County	53 159	Harvey County Sedgwick County	31 422 136
Dakota County, NE	19 157	Tuscaloosa County	159 165	Archer County	128
Lincoln County Minnehaha County	18 138	Utica-Rome, NY MSA	165 302	Williamsport, PA MSA Lycoming County	119 119
St. Joseph County Spokane, WA MSA	258 258 405	Herkimer County Oneida County Victoria, TX MSA	66 236 82	Wilmington, NC MSA Brunswick County New Hanover County	207 63 144
Spokane County	405 204	Victoria County	82	Yakima, WA MSA Yakima County	216 216
Menard County	192	Tulare County	330	York, PA MSA	368 368
Springfield, MO MSA Christian County Greene County Webster County	296 45 224 28	Waco, TX MSA	202 202	Youngstown-Warren, OH MSA	599 111
State College, PA MSA Centre County	131 131	VA-WV CMSA	7,165 2,474 466	Mahoning County	260 227 137
Steubenville-Weirton, OH- WV MSA	138	Baltimore County, MD Carroll County, MD	718 144 209	Yuba City, CA MSA	76 61
Jefferson County, OH Brooke County, WV Hancock County, WV	77 27 35	Howard County, MD Queen Anne's County, MD Baltimore city, MD	224 38 675	Yuma, AZ MSA Yuma County	125 125

¹ Five PMSAs of the New York-Northern New Jersey-Long Island, NY-NJ-CTPA CMSA are in Connecticut and therefore do not appear in this table; also, the CMSA's population shown here reflects the absence of those PMSAs.

Source: U.S. Bureau of the Census, "County Population Estimates: 1996;" published 9 July 1997; http://www.census.gov/population/www/estimates/co96.html.