Appendix II

Metropolitan Areas: Concepts, Components, and Population

Statistics for metropolitan areas (MAs) shown in the Statistical Abstract represent areas defined by the U.S. Office of Management and Budget (OMB) according to published standards that are applied to Census Bureau data. 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 MAs 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. Current MA definitions were announced by OMB effective June 30, 1999. MAs include metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs), and primary metropolitan statistical areas (PMSAs).

In this appendix, Table E presents geographic components and 1999 population estimates for each MSA, CMSA, and PMSA outside of New England. Table D presents definitions and data for New England county metropolitan areas (NECMAS), the county-based alternative metropolitan areas for the city- and town-based MSAs and CMSAs 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 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 MSAs, CMSAs, and PMSA-

The current standards provide that each newly qualifying MSA must include at least: one city with 50,000 or more inhabitants, or 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 MSAs 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 1 million or more may be recognized as a CMSA if separate component areas can be identified within the entire area by meeting statistical criteria specified in the standards, and local opinion indicates there is support for the component areas. If recognized, the component areas are designated PMSAs, and the entire area becomes a CMSA. PMSAs, like the CMSAs that contain them, are composed of entire counties, except in New England where they are composed of cities and towns. If no PMSAs are recognized, the entire area is designated as an MSA. As of the June 30, 1999, OMB announcement, there were 258 MSAs, and 18 CMSAs comprising 73 PMSAs in the United States. In addition, there were three MSAs, one CMSA, and three PMSAs in Puerto Rico.

Central cities and MA titles—The largest city in each MSA/CMSA is designated a "central city." 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 250,000 population and less than one-third the population of the area's largest city is not included in an MSA title unless local opinion supports its inclusion. Titles of PMSAs also typically are based on central city names but in certain cases consist of county names. Generally, titles of CMSAs are based on the titles of their component PMSAs.

Defining New England County Metropolitan Areas NECMAs—The OMB defines NECMAs as a county-based alternative to the city- and town-based New England MSAs and CMSAs. The NECMA for an MSA or CMSA includes: the county containing the first-named city in that MSA/CMSA title (this county may include the first-named cities of other MSAs/CMSAs as well), and each additional county having at least half its population in the MSAs/CMSAs whose first-named cities are in the previously identified county. NECMAs are not identified for individual PMSAs. There are 12 NECMAs. including 1 for the Boston-Worcester-Lawrence, MA-NH-ME-CT CMSA and 1 for the Connecticut portion of the New York-Northern New Jersey-Long Island, NY-NJ-CT-PA CMSA. 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

Changes in MA definitions over time—Changes in the definitions of MAs since the 1950 census have consisted chiefly of the recognition of new areas as they reached the minimum required city or area population, and the addition of counties (or cities and towns in New England) to existing areas as new decennial census data showed them to qualify. In some instances, formerly separate MAs have been merged, components of an MA have been transferred from one MA to another, or components have been dropped from an MA. The large majority of changes have taken place on the basis of decennial census data. However, Census Bureau population estimates and special censuses serve as the basis for intercensal updates.

Because of these historical changes in geographic definitions, users must be cautious in comparing MA data from different dates. For some purposes, comparisons of data for MAs as defined at given dates may be appropriate; for other purposes, it may be preferable to maintain consistent MA definitions.

In Tables A, B, and C below, data are given for MAs 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 MAs as Defined at Specified Dates From 1950 to 1999

[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 Puerto 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 MAs 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 1950, 1960, 1970, and 1980 census definitions of MAs 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]

	Num-			Population			Land
MA definition as of—	ber of MAs	1960 (April 1)	<mark>1970</mark> (April 1)	<mark>1980</mark> (April 1)	<mark>1990</mark> (April 1)	1998 (July 1)	area, 1990 (sq. mi.)
1950 census (Mar. 1952) 1960 census (Nov. 1960) 1970 census (Feb. 28, 1971) 1980 census (June 30, 1981) 1985 (June 30) 1987 (June 30) 1987 (June 30) 1988 (June 30) 1989 (June 30) 1990 Census (June 30, 1990) 1992 (Dec. 31) 1993 (June 30) 1994 (June 30) 1995 (June 30) 1995 (June 30) 1996 (June 30)	169 212 243 318 5280 5281 5281 5282 5283 5284 5268 5268 5269 5271	106,344,548 111,2885,139 2119,593,498 131,318,714 132,887,134 132,977,580 133,008,405 133,038,407 133,233,777 133,275,412 136,171,803 136,336,055 136,497,691 136,630,905	122,184,836 130,982,661 3139,479,806 153,693,767 155,700,823 155,805,452 155,832,688 155,937,275 156,084,580 156,137,337 159,395,627 159,579,651 159,652,709 159,757,830	128,842,628 140,793,384 151,660,897 151,660,897 172,304,319 172,304,319 172,334,850 172,455,251 172,602,176 172,678,381 176,682,735 176,982,574 177,143,136	139,837,153 155,090,774 167,899,268 188,763,892 192,140,319 192,318,722 192,349,750 192,623,201 192,730,096 197,472,576 197,472,576 197,472,576 197,827,639 198,170,345	148,305,142 166,591,635 181,502,500 205,387,705 209,262,496 209,460,226 209,494,587 209,637,403 209,775,506 209,907,765 215,395,847 215,699,322 215,810,574 216,043,836 216,210,902	206,802 308,742 386,241 565,288 569,816 571,745 572,284 573,560 574,622 580,136 669,927 673,057 674,021 699,960 701,784
1998 (June 30) ⁷	⁵ 274 ⁵ 276	136,648,568 136,737,487	159,930,288 160,045,332	177,360,539 177,505,033	198,249,032 198,406,989	216,299,891 216,478,090	704,383 705,668

¹Corresponds 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). ² Corresponds to total 1960 population for 1970 MAs 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. ³ Corresponds to total MA population for 1970 published in 1970 census (139,418,811), plus net corrections made subsequent to publication. ⁴ MAs as defined for the 1982 economic censuses. ⁵ MSAs and CMSAs. ⁶ MAs as defined for the 1987 economic censuses. ႛ Data exclude the portion of Sullivan city in Crawford County, MO (1990 population 1,116) added to the St. Louis, MO-IL MSA by congressional action effective Dec. 22, 1987. ˚ MAs as defined for the 1992 economic censuses.

Source: U.S. Census Bureau, 1950-70, 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-S-1-1); and Population Paper Listing (PPL-60 and PPL-83).

Table B. Nonmetropolitan Population and Land Area as Defined at Specified Dates From 1950 to 1999

[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 MAs at the dates specified]

	Population					
Metropolitan area definition as of—	1960 (April 1)	1970 (April 1)	1980 (April 1)	1990 (April 1)	1998 (July 1)	Land area, 1990 (sq. mi.)
950 census (Mar. 1952) 960 census (Nov. 1960) 970 census (Feb. 28, 1971) 980 census (June 30, 1981) 985 (June 30) 987 (June 30) 988 (June 30) 989 (June 30) 999 (June 30) 999 (June 30) 999 (June 30) 993 (June 30) 993 (June 30) 994 (June 30) 995 (June 30) 995 (June 30)	72,978,627 66,438,036 59,729,677 48,004,461 46,436,041 46,345,595 46,319,730 46,234,775 46,089,398 46,047,763 42,987,120 42,997,120 42,920,723 42,825,484 42,719,270	81,117,195 72,319,370 63,822,225 49,608,264 47,601,208 47,496,579 47,469,343 47,364,756 47,217,451 47,164,694 43,722,380 43,649,322 43,544,201 43,343,006	97,699,571 85,748,815 74,881,302 57,112,118 54,372,438 54,207,349 54,207,349 54,086,948 53,940,023 53,863,818 49,879,345 49,649,464 49,559,625 49,399,063 49,257,676	108.881,149 93.627,518 80.819,024 59.954,400 56.577,973 56.389,570 56.388,542 56.236,986 56.095,091 55,988,196 51,247,716 50,989,391 50,898,5748 50,547,947	121,993,382 103,706,889 88,796,024 64,910,819 61,036,028 60,838,298 60,803,937 60,661,121 60,523,018 60,390,759 54,902,677 54,599,202 54,487,950 54,254,688 54,087,622 53,998,633	3,332,967 3,231,027 3,153,527 2,974,481 2,969,952 2,968,023 2,967,484 2,966,208 2,965,146 2,959,632 2,866,411 2,863,281 2,862,317 2,834,554

Source: U.S. Census Bureau, 1950-70, 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-S-1-1); and Population Paper Listing (PPL-60 and PPL-83).

Table C. Percent of Total U.S. Population and Percent of Land Area Inside MAs As Defined at Specified Dates From 1950 to 1999

[See headnote for Table A]

	Percent of population					Percent of
Metropolitan area definition as of—	<mark>1960</mark> (April 1)	<mark>1970</mark> (April 1)	1980 (April 1)	1990 (April 1)	1998 (July 1)	land area,
1950 census (Mar. 1952). 1960 census (Nov. 1960). 1970 census (Feb. 28, 1971). 1980 census (June 30, 1981). 1985 (June 30). 1986 (June 30). 1987 (June 30). 1988 (June 30). 1988 (June 30). 1989 (June 30). 1990 census (June 30, 1990).	59.3 63.0 66.7 73.2 74.1 74.2 74.2 74.3 75.9	60.1 64.4 68.6 75.6 76.6 76.7 76.7 76.8 76.8 78.4	56.9 62.1 66.9 74.8 76.0 76.1 76.1 76.1 76.2 76.2 78.0	56.2 62.4 67.5 75.9 77.3 77.3 77.4 77.4 77.5 79.4	54.9 61.6 67.1 76.0 77.4 77.5 77.6 77.6 77.7	5.8 8.7 10.9 16.0 16.1 16.2 16.2 16.2 16.4 18.9
1993 (June 30) 1994 (June 30) 1995 (June 30) 1996 (June 30) 1998 (June 30) 1999 (June 30)	76.0 76.1 76.1 76.2 76.2 76.3	78.5 78.5 78.6 78.6 78.7 78.7	78.1 78.1 78.2 78.3 78.3 78.4	79.5 79.5 79.6 79.7 79.7 79.8	79.8 79.8 79.9 80.0 80.0 80.1	19.0 19.1 19.8 19.8 19.9 20.0

Source: U.S. Census Bureau, 1950-70, 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-S-1-1); and Population Paper Listing (PPL-60 and PPL-83).

Table D. New England County Metropolitan Areas (NECMAs)

[In thousands. As of July 1]

NECMA	Population,	NECMA	Population,	NECMA	Population,
Bangor, ME Penobscot County Barnstable-Yarmouth, MA Barnstable County.		Burlington, VT Chittenden County Franklin County Grand Isle County	144 44	New London-Norwich, CT New London County Pittsfield, MA Berkshire County	246 246 132 132
Boston-Worcester-Lawrence- Lowell-Brockton, MA-NH Bristol County, MA Essex County, MA Middlesex County, MA Norfolk County, MA Plymouth County, MA	5,902 520 704 1,427 644	Hartford, CT. Hartford County Middlesex County Tolland County Lewiston-Auburn, ME Androscoggin County.	830 151 133	Portland, ME Cumberland County. Providence-Warwick- Pawtucket, RI Bristol County. Kent County.	162
Suffolk County, MA Worcester County, MA Hillsborough County, NH Rockingham County, NH Strafford County, NH	642 739 367 275	New Haven-Bridgeport- Stamford-Waterbury- Danbury, CT Fairfield County New Haven County	841	Providence County Washington County Springfield, MA. Hampden County Hampshire County	574 122 589 438 151

Source: U.S. Census Bureau, "(CO-99-8) County Population Estimates and Demographic Components of Population Change: Annual Time Series, July 1, 1990, to July 1, 1999, (includes revised April 1, 1990, Population Estimates Base)"; published 9 March 2000; https://www.census.gov/population/estimates/county/co-99-8/99C800.txt.

Table E. Metropolitan Areas Outside of New England and Their Components as of June 30, 1999

[Population estimated as of July 1, 1999. All metropolitan areas are arranged alphabetically. PMSAs are included under their respective CMSAs, see CMSA entry. This table presents data for MAs outside New England only]

	Population,		Popu- lation, 1999		Popu- lation, 1999
	(1,000)		(1,000)		(1,000)
Abilene, TX MSA	122 122	Walton County	102	Bryan-College Station, TX MSA Brazos County	134 134
Albany, GA MSA	117 94 23	Augusta-Aiken, GA-SC MSA	461	Buffalo-Niagara Falls, NY	1,142
Albany-Schenectady-Troy, NY MSA	869 292	McDuffie County, GA Richmond County, GA Aiken County, SC	190	Erie County	926 216 402
Montgomery County	50 151 200	Edgefield County, SC	20	Carroll County Stark County	29 373
Schenectady County Schoharie County	144 32	MSA	53 33	Natrona County	63 63
Albuquerque, NM MSA Bernalillo County Sandoval County Valencia County	679 523 90 65	Hays County	93 727 241	Cedar Rapids, IA MSA Linn County Champaign-Urbana,	185 185
Alexandria, LA MSA Rapides Parish	127 127	Bakersfield, CA MSA Kern County	642 642	IL MSA	170 170
Allentown-Bethlehem- Easton, PA MSA	618	Ascension Parish East Baton Rouge Parish	74 393	Charleston-North Charleston, SC MSA Berkeley County	553 142
Carbon County	59 300 260	Livingston Parish		Charleston County Dorchester County	320 91 251
Altoona, PA MSA	130 130	MSA	50	Kanawha County Putnam County	199 52
Amarillo, TX MSA Potter County	209 109 100	Orange County	85 160	Charlotte-Gastonia-Rock Hill, NC-SC MSA Cabarrus County, NC Caston County, NC	1,417 125 185
Anchorage, AK MSA Anchorage Borough	258 258	Benton Harbor, MI MSA Berrien County		Gaston County, NC	59 648 127
Calhoun County	117 117	Billings, MT MSA Yellowstone County		Union County, NC York County, SC	115 158
Appleton-Oshkosh-Neenah, WI MSA Calumet County Outagamie County Outagamie County	348 39 158	Biloxi-Gulfport-Pascagoula, MS MSA	353 42	Charlottesville, VA MSA Albemarle County Fluvanna County Greene County	151 80 20 15
Winnebago County	151 215	Harrison County	179 133	Charlottesville city	37 452
Buncombe County Madison County	196 19	Binghamton, NY MSA Broome County		Hamilton County, TN Marion County, TN Catoosa County, GA	295 27 52
Athens, GA MSA Clarke County Madison County Oconee County	91 25 25	Birmingham, AL MSA Blount County Jefferson County	47	Dade County, GA	15 63 79
Atlanta, GA MSA	3, <mark>857</mark> 42	St. Clair County	64 146	Laramie County	79
Bartow County	75 85 142	Bismarck, ND MSA	67	IL-IN-WI CMSA	8,009
Clayton County	214 584 89 597	Bloomington, IN MSA Monroe County	117 117	DeRail County, IL	803
Douglas County Fayette County Forsyth County	91 92 97	Bloomington-Normal, IL MSA		Lake County, IL McHenry County, IL	618 247
Fulton County Gwinnett County Henry County	745 546 113	Boise City, ID MSA	283	Will County, IL Gary, IN PMSA Lake County, IN	478 628 481
Newton County	61 80 21 69	Brownsville-Harlingen, TX MSA		Porter County, IN Kankakee, IL PMSA Kankakee County, IL	148 103 103
Rockdale County Spalding County	58			Kenosha, WI PMSA Kenosha County, WI	146 146

	Popu- lation, 1999 (1,000)		Population, 1999 (1,000)		Population, 1999 (1,000)
Chico-Paradise, CA MSA Butte County	195 195	Hunt County	72 68 39	Eau Claire, WI MSA Chippewa County Eau Claire County	144 55 90
Cincinnati-Hamilton, OH- KY-IN CMSA	1,961	Fort Worth-Arlington, TX PMSA	1, <mark>629</mark> 39	El Paso, TX MSA	702 702
Brown County, OH Clermont County, OH	1,628 42 179	Johnson County	123 85 1,382	Elkhart-Goshen, IN MSA Elkhart County	175 175
Hamilton County, OH Warren County, OH Boone County, KY Campbell County, KY	840 153 83 87	Danville, VA MSA	108 57 51	Elmira, NY MSA	92 92
Gallatin County, KY Grant County, KY Kenton County, KY	7 21	Davenport-Moline-		Garfield County	57 57
Pendleton County, KY	147 14 48 5	Rock Island, IA-IL MSA Scott County, IA	359 159 52 148	Erie, PA MSA Erie County	277 277
Hamilton-Middletown, OH PMSA	333 333	Dayton-Springfield, OH MSA	959	Eugene-Springfield, OR MSA	315 315
Clarksville-Hopkinsville, TN-KY MSA Montgomery County, TN	201 129	Clark County	145 149 99 566	Evansville-Henderson, IN-KY MSA Posey County, IN Vonderburgh County, IN	291 26 168
Christian County, KY Cleveland-Akron, OH	72	Daytona Beach, FL MSA Flagler County	475 49	Vanderburgh County, IN Warrick County, IN Henderson County, KY	53 44
CMSAAkron, OH PMSA	2,911 689 152	Volusia County	426 143	Fargo-Moorhead, ND-MN MSA	170
Portage County	538 2,221	Lawrence County	34 110	Cass County, ND	118 52 284
OH PMSA Ashtabula County Cuyahog County Gogung County	103 1,372 90	Decatur, IL MSA	113 113	Fayetteville, NC MSA Cumberland County	284
Geauga CountyLake CountyLorain CountyMedina County	227 282 147	Denver-Boulder-Greeley, CO CMSA	2,418 273	Rogers, AR MSA	285 138 147
Colorado Springs, CO MSA. El Paso County	500 500	Boulder County	273 1,979 331	Flagstaff, AZ-UT MSA Coconino County, AZ Kane County, UT	121 114 6
Columbia, MO MSA Boone County	130 130	Arapahoe County	482 500 157	Florence, AL MSA Colbert County	1 <mark>37</mark> 53
Columbia, SC MSA Lexington County Richland County	516 209 307	Jefferson County Greeley, CO PMSA Weld County	509 166 166	Florence, SC MSA Florence County	84 125 125
Columbus, GA-AL MSA Chattahoochee County,	271 17	Des Moines, IA MSA Dallas County	443 38 365	Fort Collins-Loveland, CO	237
GA	23 182	Polk County	41	Larimer County	237
Russell County, AL	50 1,489	Detroit-Ann Arbor-Flint, MI CMSA	5,469 557	Fort Myers-Cape Coral, FL MSA	401 401
Delaware County Fairfield County	104 127 1,028	Lenawee County Livingston County Washtenaw County	100 151 306	Fort Pierce-Port St. Lucie, FL MSA	300 118
Licking County	136 41 53	Detroit, MI PMSA Lapeer County Macomb County	4,475 89 792 145	St. Lucie County	182 196
Corpus Christi, TX MSA Nueces County San Patricio County	387 315 72	Monroe County Oakland County St. Clair County	1,180 162 2,106	Crawford County, AR Sebastian County, AR Sequoyah County, OK	51 106 38
Corvallis, OR MSA Benton County	77 77	Genesee County	437 437	Fort Walton Beach, FL MSA	170 170
Cumberland, MD-WV MSA Allegany County, MD	98 71 27	Dothan, AL MSA Dale County Houston County	135 49 86	Fort Wayne, IN MSA Adams County	484 33
Mineral County, WV	4,910	Dover, DE MSA	126 126	Allen County De Kalb County Huntington County	316 40 37
Dallas, TX PMSA	3,280 457 2,062	Dubuque, IA MSA	88 88	Wells County	27 31
Denton County Ellis County Henderson County	404 108 71	Duluth, MN-WI MSA St. Louis County, MN Douglas County, WI	236 193 43	Fresno, CA MSA	880 763 117

	Population, 1999 (1,000)		Population, 1999 (1,000)		Population, 1999 (1,000)
Gadsden, AL MSA Etowah County	103 103	Galveston-Texas City, TX PMSA	248	Kalamazoo-Battle Creek, MI	447
Gainesville, FL MSA Alachua County	198 198	Galveston County	4,011 24	Calhoun County Kalamazoo County Van Buren County	141 230 76
Glens Falls, NY MSA Warren County Washington County	122 61 60	Fort Bend County	3,250 67 288	Kansas City, MO-KS MSA Cass County, MO Clay County, MO Clinton County, MO Jackson County, MO	1,756 83 180 20
Goldsboro, NC MSA Wayne County	112 112	Waller County		Lafayette County, MO	654 33
Grand Forks, ND-MN MSA Grand Forks County, ND Polk County, MN	95 65 31	WV-KŸ-OH MSA Cabell County, WV Wayne County, WV Boyd County, KY	94 42 49	Platte County, MO Ray County, MO Johnson County, KS Leavenworth County, KS	72 24 440 72
Grand Junction, CO MSA Mesa County	115 115	Carter County, KY Greenup County, KY Lawrence County, OH	27 37 64	Miami County, KS	27 151
Grand Rapids-Muskegon- Holland, MI MSA	1, <mark>052</mark> 103 550	Huntsville, AL MSA Limestone County Madison County	343 63 280	Killeen-Temple, TX MSA Bell County	296 223 74 672
Muskegon County Ottawa County	168 230	Indianapolis, IN MSA Boone County	45	Anderson County	71 103
Great Falls, MT MSA Cascade County	78 78	Hamilton County	56 99	Knox County	376 40 66 17
Green Bay, WI MSA Brown County	217 217	Madison County	131 811	Kokomo, IN MSA	100 84
Greensboro—Winston- Salem—High Point, NC MSA	1,179	Morgan County	44	Tipton County	17
Alamance County	121 143 33	Johnson County	104 104	La Crosse, WI-MN MSA La Crosse County, WI Houston County, MN	122 102 19
Forsyth County Guilford County Randolph County	289 391 123	Jackson, MI MSA Jackson County	157	Lafayette, LA MSA	377 58
Stokes County	44 35	Jackson, MS MSA	246 75	Lafayette Parish	187 84 48
Pitt County	128 128	Rankin County	102	Lafayette, IN MSA	175 33
Greenville-Spartanburg- Anderson, SC MSA	930 163	Chester County Madison County	87	Tippecanoe County Lake Charles, LA MSA	142 181
Cherokee County	50 359 108	Jacksonville, FL MSA Clay County Duval County	141 738	Calcasieu Parish Lakeland-Winter Haven, FL	181
Spartanburg County	250	Nassau County St. Johns County	57 120	MSA	457 457
Harrisburg-Lebanon- Carlisle, PA MSA	618 211	Jacksonville, NC MSA Onslow County		Lancaster, PA MSA Lancaster County	460 460
Dauphin County Lebanon County Perry County	246 118 44	Jamestown, NY MSA Chautauqua County	137 137	Lansing-East Lansing, MI MSA	451 64
Hattiesburg, MS MSA Forrest County	113 75	Janesville-Beloit, WI MSA Rock County	151 151	Eaton County	102 285
Lamar County	38	Johnson City-Kingsport- Bristol, TN-VA MSA Carter County, TN	463 53	Laredo, TX MSA	193 193
MSA	326 32 83	Hawkins County, TN Sullivan County, TN	50 150	Las Cruces, NM MSA Dona Ana County	170 170
Caldwell County	76 134 865	Washington County, TN Scott County, VA	17 103 23 50	Las Vegas, NV-AZ MSA Clark County, NV	1,381 1,217 30
Honolulu County	865 195	Bristol city, VA	234	Lawrence, KS MSA	134 98
Lafourche Parish	89 105	Cambria County Somerset County	154 80	Douglas County	98 107
Houston-Galveston- Brazoria, TX CMSA Brazoria, TX PMSA Brazoria County	4,494 234 234	Jonesboro, AR MSA Craighead County Joplin, MO MSA Jasper County Newton County	78 150	Comanche County Lexington, KY MSA Bourbon County Clark County Fayette County	107 456 19 32 244

	Population, 1999 (1,000)		Popu- lation, 1999 (1,000)	l:	Popu- ation, 1999 ,000)
Jessamine County	37 68 32 23	Tipton County, TN Crittenden County, AR DeSoto County, MS	48 50 102	St. John the Baptist Parish. St. Tammany Parish	42 193
Lima, OH MSA	154 107 47	Merced, CA MSA	201 201	Jersey-Long Island, NY-NJ-CT-PA CMSA (pt.) ¹ . 18 Bergen-Passaic, NJ PMSA	8,468 1,342
Lincoln, NE MSA	238 238	Fort Lauderdale, FL PMSA	3,711 1,535	Bergen County, NJ Passaic County, NJ Dutchess County, NY	857 485
Little Rock-North Little Rock, AR MSA Faulkner County Lonoke County	559 80 51	Broward County Miami, FL PMSA Miami-Dade County Milwaukee-Racine, WI	2,176	PMSA Dutchess County, NY Jersey City, NJ PMSA	268 268 553 553
Pulaski Countý	349 78	CMSA	1,648 1,462 906		1,131 125 718 288
MSA Gregg County Harrison County Upshur County	209 113 60 37	Ozaukee County Washington County Waukesha County	82 116 358 186 186	Monmouth-Ocean, NJ	1,109 611 498
Los Angeles-Riverside- Orange County, CA CMSA. Los Angeles-Long Beach, CA PMSA	9,330	Minneapolis-St. Paul, MN-WI MSA	2,872 299	PMSA Nassau County, NY Suffolk County, NY New York NY PMSA	2,689 1,305 1,384 8,713
Los Angeles County Orange County, CA PMSA	9,330 2,761 2,761	Carver County, MN	67 42 349 1,064 31	Bronx County, NY	1,194 2,268 1,552 95 2,001
Bernardino, CA PMSA Riverside County San Bernardino County . Ventura, CA PMSA Ventura County	3,201 1,531 1,670 745 745	Ramsey County, MN	486 83 63 203 88	Richmond County, NY Rockland County, NY Westchester County, NY Newark, NJ PMSA	413 284 906 1,955 747
Louisville, KY-IN MSA Bullitt County, KY Jefferson County, KY	1,006 61 673	Pierce County, WI St. Croix County, WI	36 60 89	Essex County, NJ Morris County, NJ Sussex County, NJ Union County, NJ Warren County, NJ	464 145 499 100
Oldham County, KY. Clark County, IN. Floyd County, IN. Harrison County, IN. Scott County, IN.	46 95 72 35 23	Missoula County Mobile, AL MSA Baldwin County Mobile County	535 136 400	Newburgh, NY-PA PMSA . Orange County, NY Pike County, PA Trenton, NJ PMSA Mercer County, NJ	376 334 41 334 334
Lubbock, TX MSALubbock County	228 228	Modesto, CA MSA Stanislaus County	437 437	Norfolk-Virginia Beach- Newport News, VA-NC	4 EC2
Lynchburg, VA MSA Amherst County Bedford County	209 30 58	Monroe, LA MSA Ouachita Parish	147 147	MSA	1,563 35 30 46
Campbell County	50 7 64	Montgomery, AL MSA Autauga County Elmore County	322 43 63 216	Mathews County, VA York County, VA	9 58 203 137
Macon, GA MSA	322 155 108 23	Muncie, IN MSA Delaware County	115 115	Newport News city, VA Norfolk city, VA	179 226 12 98
Peach County Twiggs County Madison, WI MSA	25 10 429	Myrtle Beach, SC MSA Horry County	179 179 207	Suffolk city, VA Virginia Beach city, VA Williamsburg city, VA	65 433 12
Dane County	429	Collier County Nashville, TN MSA	207	Ocala, FL MSA Marion County	18 246 246
Crawford County Richland County	47 130	Cheatham County	36 530 43 55	Odessa-Midland, TX MSA Ector County	242 124
McAllen-Edinburg-Mission, TX MSA Hidalgo County	535 535	Rutherford County Sumner County Williamson County	171 126 124	Midland County Oklahoma City, OK MSA Canadian County	118 1,046 86
Medford-Ashland, OR MSA . Jackson County	176 176	Wilson County	86 1,305 448	Cleveland County Logan County	203 30 27
Bay, FL MSA	470 470 1,105	Orleans Parish	461 26 65	Oklahoma County Pottawatomie County	637 63 699
Fayette County, TN Shelby County, TN	31 873	St. Charles Parish St. James Parish	49 21	Cass County, NE	25 446

	Population, 1999 (1,000)		Population, 1999 (1,000)		Population, 1999 (1,000)
Sarpy County, NE	122 19 86	Polk County, OR	62 347 347	Saginaw-Bay City- Midland, MI MSA. Bay County	401 110 82
Orlando, FL MSA Lake County. Orange County Osceola County Seminole County	1,535 210 817 151 357	Pueblo, CO MSA	137 137 137 137	Saginaw County	209 165 35 130
Owensboro, KY MSA Daviess County	91 91	Raleigh-Durham-Chapel Hill, NC MSA	1,106	St. Joseph, MO MSA Andrew County	<mark>97</mark> 16
Panama City, FL MSA Bay County	148 148	Chatham County	47 204 46	St. Louis, MO-IL MSA	2,569 93
Parkersburg-Marietta, WV-OH MSA	149	Johnston County Orange County Wake County	111 112 587	Franklin County, MO Jefferson County, MO Lincoln County, MO St. Charles County, MO	198 38 280
Wood County, WV Washington County, OH	86 63 403	Rapid City, SD MSA Pennington County	88 88	St. Louis County, MO Warren County, MO St. Louis city, MO	996 25 334
Escambia County Santa Rosa County	282 121	Reading, PA MSA Berks County	358 358	Clinton County, IL Jersey County, IL	36 22 259
Peoria-Pekin, IL MSA Peoria County	346 181 130	Shasta County	165 165 320	Monroe County, IL St. Clair County, IL	27 260 372
Woodford County	36	Reno, NV MSA	320	Monterey County	372
MD CMSA	5,999 338	WA MSA Benton County	185 138 47	Davis County	1,275 239 850 185
Atlantic County, NJ Cape May County, NJ Philadelphia, PA-NJ	240 98 4,950	Richmond-Petersburg, VA MSA	961 7	San Angelo, TX MSA Tom Green County	102 102
PMSA	594 430 542	Chesterfield County Dinwiddie County Goochland County	253 26 18	San Antonio, TX MSA Bexar County Comal County	1,565 1,373 77
Montgomery County, PA. Philadelphia County, PA. Burlington County, NJ	724 1,418 425	Hanover County	85 245 13	Guadalupe County Wilson County	83 33 2,821
Camden County, NJ Gloucester County, NJ Salem County, NJ	503 250 65	Powhatan County	22 29 16 23	San Diego, CA MSA San Diego County	2,821
Vineland-Millville- Bridgeton, NJ PMSA Cumberland County, NJ . Wilmington-Newark,	140 140	Petersburg city	34 190	Jose, CA CMSA Oakland, CA PMSA Alameda County Contra Costa County	6,874 2,349 1,416 933
New Castle County, DE . Cecil County, MD	571 487 84	Roanoke, VA MSA Botetourt County Roanoke County Roanoke city	228 29 81 93	San Francisco, CA PMSA	1,686 237
Phoenix-Mesa, AZ MSA Maricopa County Pinal County	3,014 2,861 152	Salem city	24 119	San Francisco County San Mateo County San Jose, CA PMSA	747 702 1,647
Pine Bluff, AR MSA Jefferson County	<mark>81</mark> 81	Olmsted County	119 1,079 60	Santa Clara County Santa Cruz-Watsonville, CA PMSA	1,647 245 245
Pittsburgh, PA MSA	1.257	Genesee County Livingston County Monroe County Ontario County	66 712 100	Santa Cruz County Santa Rosa, CA PMSA Sonoma County Vallejo-Fairfield-Napa, CA PMSA	440 440
Beaver County	144 205	Orleans County	45 96	Napa County Solano County	507 121 386
Westmoreland County Pocatello, ID MSA	371 75 75	Rockford, IL MSA	359 40 51 268	San Luis Obispo- Atascadero-Paso Robles, CA MSA	237
Portland-Salem, OR-WA	2,181	Rocky Mount, NC MSA Edgecombe County	147 55	San Luis Obispo County Santa Barbara-Santa Maria- Lompoc, CA MSA	237 391
Portland-Vancouver, OR-WA PMSA	1,846 338	Nash County	92	Santa Barbara County Santa Fe, NM MSA	391 143
Columbia County, OR Multnomah County, OR Washington County, OR Yamhill County, OR	45 633 409 83	CMSA	1,741 1,585 161 239	Los Alamos County Santa Fe County	18 124
Clark County, WA	336 335 273	Sacramento County Yolo, CA PMSA	1,185 156 156	MSA Manatee County Sarasota County	550 244 307

	Population, 1999 (1,000)		Population, 1999 (1,000)		Population, 1999 (1,000)
Savannah, GA MSA. Bryan County Chatham County Effingham County	288 24 226 38	Onondaga County Oswego County Tallahassee, FL MSA	456 124 260	Washington, DC-MD- VA-WV PMSA	4,740 519 74
Scranton—Wilkes-Barre— Hazleton, PA MSA Columbia County Lackawanna County	611 64 207	Gadsden County Leon County Tampa-St. Petersburg-	216 2,278	Charles County, MD Frederick County, MD	121 191 852
Luzerne County	312 29	Clearwater, FL MSA Hernando County Hillsborough County Pasco County	128 940 331	Prince George's County, MD	782 175 13
WA CMSA. Bremerton, WA PMSA. Kitsap County. Olympia, WA PMSA. Thurston County	3,466 237 237 205 205	Pinellas County Terre Haute, IN MSA Clay County Vermillion County	878 148 27 17	Culpeper County, VA Fairfax County, VA Fauquier County, VA King George County, VA Loudoun County, VA	34 946 55 18 156
Seattle-Bellevue-Everett, WA PMSA	2,335 73 1,665	Vigo County	104 123 84	Prince William County, VA	271 87 93 31
Snohomish County Tacoma, WA PMSA Pierce County	597 689 689	Miller County, AR	39 609 42	Warren County, VA Alexandria city, VA Fairfax city, VA Falls Church city, VA Fredericksburg city, VA.	117 21 10 19
Sharon, PA MSA	121 121 110 110	Lucas County	446 120 171	Manassas city, VA Manassas Park city, VA Berkeley County, WV Jefferson County, WV	33 8 73 42
Sherman-Denison, TX MSA	104 104	Shawnee County Tucson, AZ MSA Pima County	171 804 804	Waterloo-Cedar Falls, IA MSA Black Hawk County	120 120
Shreveport-Bossier City, LA MSA Bossier Parish	378 93	Tulsa, OK MSA	786 68 43	Wausau, WI MSA	124 124
Caddo Parish	242 43 121	Rogers County	71 548 56	Raton, FL MSA	1,049 1,049
Woodbury County, IA Dakota County, NE	101 19 164 22	Tuscaloosa, AL MSA Tuscaloosa County Tyler, TX MSA	161 161 170	Marshall County, WV Ohio County, WV	35 48 71
Minnehaha County	143 259 259	Smith County	170 293 63	Wichita, KS MSA Butler County Harvey County Sedgwick County	549 63 34 452
Spokane, WA MSA	410 410 204	Victoria, TX MSA Victoria County	230 82 82	Wichita Falls, TX MSA Archer County Wichita County	136 8 128
Menard County	13 191 308	Visalia-Tulare-Porterville, CA MSA Tulare County	358 358	Williamsport, PA MSA Lycoming County	117 117 222
Christian County	51 227 30 132	Waco, TX MSA	204 204	Brunswick County New Hanover County	71 151 221
Centre County Steubenville-Weirton, OH- WV MSA Jefferson County, OH	132 133	Washington-Baltimore, DC-MD-VA-WV CMSA Baltimore, MD PMSA Anne Arundel County,	7,359 2,491	Yakima County York, PA MSA York County	221 377 377
Brooke County, WV Hancock County, WV	74 26 34	MD	480 724 152 218	Youngstown-Warren, OH MSA Columbiana County Mahoning County	589 111 253
Stockton-Lodi, CA MSA San Joaquin County Sumter, SC MSA	563 563 112	Howard County, MD Queen Anne's County, MD	243 41 633	Trumbull County	225 225 138 78
Sumter County	733 82 71	Hagerstown, MD PMSA Washington County, MD	128	Yuba County	60 136 136
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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. Census Bureau, "County Population Estimates and Demographic Components of Population Change: Annual Time Series, July 1, 1990, to July 1, 1999," published 9 March 2000; http://www.census.gov/population/www/estimates/co998.html>.