

**Table 5. Number of DESIGN Patents Granted per 100,000 Population, by Metropolitan Area, 1998
(Independent Inventors Only)**

Metropolitan areas are based on definitions effective July 1, 1999. MSA= metropolitan statistical area; NECMA= New England county metropolitan area; PMSA= primary metropolitan statistical area. The geographic distribution of patents is based on the residence of the first-named inventor.

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.	Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Reno, NV MSA	19	313,660	6.1	Wilmington, NC MSA	6	218,248	2.7
Sharon, PA MSA	7	121,938	5.7	Bellingham, WA MSA	4	156,830	2.6
Ventura, CA PMSA	36	731,967	4.9	Phoenix-Mesa, AZ MSA	75	2,931,004	2.6
Chico-Paradise, CA MSA	9	194,597	4.6	Rochester, MN MSA	3	116,702	2.6
Orange County, CA PMSA	123	2,721,701	4.5	Williamsport, PA MSA	3	117,308	2.6
Los Angeles-Long Beach, CA PMSA	378	9,213,533	4.1	Duluth-Superior, MN-WI MSA	6	236,464	2.5
Santa Barbara-Santa Maria-Lompoc, CA MSA	16	389,502	4.1	Anchorage, AK MSA	6	254,982	2.4
Naples, FL MSA	8	199,436	4.0	Barnstable-Yarmouth, MA NECMA	5	208,418	2.4
Newark, NJ PMSA	65	1,952,407	3.3	Cleveland-Lorain-Elyria, OH PMSA	53	2,222,731	2.4
Parkersburg-Marietta, WV-OH MSA	5	150,181	3.3	Denver, CO PMSA	46	1,938,642	2.4
New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT NECMA	52	1,631,866	3.2	Lancaster, PA MSA	11	456,414	2.4
San Diego, CA MSA	89	2,780,592	3.2	Lynchburg, VA MSA	5	208,039	2.4
Yolo, CA PMSA	5	153,849	3.2	Sacramento, CA PMSA	37	1,531,963	2.4
Portland-Vancouver, OR-WA PMSA	56	1,818,955	3.1	Springfield, MA NECMA	14	588,993	2.4
Reading, PA MSA	11	355,956	3.1	Trenton, NJ PMSA	8	331,629	2.4
San Francisco, CA PMSA	53	1,683,309	3.1	Asheville, NC MSA	5	213,629	2.3
Boulder-Longmont, CO PMSA	8	267,274	3.0	Oakland, CA PMSA	53	2,318,522	2.3
Provo-Orem, UT MSA	10	335,635	3.0	Pittsfield, MA NECMA	3	133,038	2.3
Punta Gorda, FL MSA	4	134,899	3.0	Seattle-Bellevue-Everett, WA PMSA	53	2,312,978	2.3
Fort Lauderdale, FL PMSA	43	1,503,407	2.9	West Palm Beach-Boca Raton, FL MSA	24	1,032,625	2.3
Eau Claire, WI MSA	4	143,861	2.8	Bismarck, ND MSA	2	91,442	2.2
Minneapolis-St. Paul, MN-WI MSA	79	2,831,234	2.8	Dallas, TX PMSA	70	3,209,886	2.2
Santa Rosa, CA PMSA	12	433,304	2.8	Florence, AL MSA	3	137,271	2.2
Sarasota-Bradenton, FL MSA	15	543,082	2.8	Fort Collins-Loveland, CO MSA	5	231,221	2.2
Nassau-Suffolk, NY PMSA	72	2,673,489	2.7	Missoula, MT MSA	2	88,989	2.2
Panama City, FL MSA	4	146,999	2.7	Monmouth-Ocean, NJ PMSA	24	1,093,253	2.2
Pocatello, ID MSA	2	74,866	2.7	New York, NY PMSA	189	8,692,782	2.2
Racine, WI PMSA	5	186,119	2.7	Allentown-Bethlehem-Easton, PA MSA	13	616,877	2.1
Tucson, AZ MSA	21	790,755	2.7	Bremerton, WA PMSA	5	232,623	2.1
Providence-Warwick-Pawtucket, RI NECMA	19	905,612	2.1	Orlando, FL MSA	32	1,504,569	2.1
				Salinas, CA MSA	6	365,605	1.6

Design (independent inventors)

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
San Jose, CA PMSA	34	1,641,215	2.1
Santa Cruz-Watsonville, CA PMSA	5	242,994	2.1
Binghamton, NY MSA	5	249,022	2.0
Fort Pierce-Port St. Lucie, FL MSA	6	295,118	2.0
Hartford, CT NECMA	22	1,110,065	2.0
Riverside-San Bernardino, CA PMSA	62	3,114,072	2.0
St. Louis, MO-IL MSA	51	2,563,801	2.0
Tampa-St. Petersburg-Clearwater, FL MSA	45	2,256,559	2.0
Chicago, IL PMSA	151	7,939,351	1.9
Eugene-Springfield, OR MSA	6	314,068	1.9
Philadelphia, PA-NJ PMSA	95	4,946,562	1.9
Sumter, SC MSA	2	107,127	1.9
Bergen-Passaic, NJ PMSA	24	1,344,266	1.8
Fargo-Moorhead, ND-MN MSA	3	168,431	1.8
Flint, MI PMSA	8	436,084	1.8
Fort Walton Beach, FL MSA	3	169,289	1.8
Greensboro--Winston-Salem--High Point, NC MSA	21	1,167,629	1.8
Las Vegas, NV-AZ MSA	24	1,321,546	1.8
Miami, FL PMSA	38	2,152,437	1.8
Oklahoma City, OK MSA	19	1,038,999	1.8
Redding, CA MSA	3	164,349	1.8
Daytona Beach, FL MSA	16	948,522	1.7
Jacksonville, FL MSA	18	1,044,684	1.7
Knoxville, TN MSA	11	659,074	1.7
Peoria-Pekin, IL MSA	6	344,779	1.7
Salt Lake City-Ogden, UT MSA	22	1,267,745	1.7
San Luis Obispo-Atascadero-Paso Robles, CA MSA	4	234,366	1.7
Sioux City, IA-NE MSA	2	120,464	1.7
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	92	5,867,187	1.6
Burlington, VT NECMA	3	192,895	1.6
Charlotte-Gastonia-Rock Hill, NC-SC MSA	22	1,383,080	1.6
Dover, DE MSA	2	124,089	1.6
Fort Worth-Arlington, TX PMSA	26	1,592,577	1.6
Grand Rapids-Muskegon-Holland, MI MSA	17	1,037,933	1.6
Hagerstown, MD PMSA	2	127,352	1.6
Kansas City, MO-KS MSA	27	1,737,025	1.6
Newburgh, NY-PA PMSA	6	369,392	1.6

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Stockton-Lodi, CA MSA	9	550,445	1.6
Tacoma-WA PMSA	11	676,505	1.6
Wausau, WI MSA	2	123,223	1.6
Akron, OH PMSA	10	688,952	1.5
Dayton-Springfield, OH MSA	7	470,864	1.5
Fort Myers-Cape Coral, FL MSA	6	392,895	1.5
Scranton--Wilkes-Barre--Hazleton, PA MSA	9	615,491	1.5
South Bend, IN MSA	4	258,088	1.5
Springfield, IL MSA	3	203,847	1.5
Athens, GA MSA	2	138,679	1.4
Atlanta, GA MSA	52	3,746,059	1.4
Bloomington-Normal, IL MSA	2	142,652	1.4
Columbia, SC MSA	7	512,316	1.4
Des Moines, IA MSA	6	436,922	1.4
Middlesex-Somerset-Hunterdon, NJ PMSA	16	1,121,504	1.4
New Orleans, LA MSA	18	1,309,445	1.4
Utica-Rome, NY MSA	4	294,677	1.4
Vineland-Millville-Bridgeton, NJ PMSA	2	140,341	1.4
Boise City, ID MSA	5	395,953	1.3
Corvallis, OR MSA	1	77,755	1.3
Detroit, MI PMSA	59	4,473,853	1.3
Great Falls, MT MSA	1	78,983	1.3
Greeley, CO PMSA	2	159,429	1.3
Janesville-Beloit, WI MSA	2	150,736	1.3
Macon, GA MSA	4	319,502	1.3
Pittsburgh, PA MSA	30	2,346,153	1.3
Roanoke, VA MSA	3	227,828	1.3
Wheeling, WV-OH MSA	2	152,903	1.3
Cincinnati, OH-KY-IN PMSA	19	1,617,836	1.2
Columbus, OH MSA	17	1,469,604	1.2
Elkhart-Goshen, IN MSA	2	172,310	1.2
Houston, TX PMSA	48	3,931,688	1.2
Huntsville, AL MSA	4	340,428	1.2
Madison, WI MSA	5	424,586	1.2
Medford-Ashland, OR MSA	2	173,123	1.2
Milwaukee-Waukesha, WI PMSA	17	1,459,805	1.2
Ocala, FL MSA	3	241,513	1.2
Syracuse, NY MSA	9	734,640	1.2

Design (independent inventors)

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Topeka, KS MSA	2	165,348	1.2
Washington, DC-MD-VA-WV PMSA	57	4,673,902	1.2
Beaumont-Port Arthur, TX MSA	4	375,564	1.1
Biloxi-Gulfport-Pascagoula, MS MSA	4	349,218	1.1
Chattanooga, TN-GA MSA	5	450,283	1.1
Dubuque, IA MSA	1	87,806	1.1
Dutchess County, NY PMSA	3	265,317	1.1
Greenville-Spartanburg-Anderson, SC MSA	10	918,351	1.1
Harrisburg-Lebanon-Carlisle, PA MSA	7	616,031	1.1
Lake Charles, LA MSA	2	180,330	1.1
Lawrence, KS MSA	1	93,137	1.1
Myrtle Beach, SC MSA	2	174,762	1.1
Raleigh-Durham-Chapel Hill, NC MSA	12	1,079,873	1.1
Richland-Kennewick-Pasco, WA MSA	2	182,709	1.1
Rochester, NY MSA	12	1,081,883	1.1
Shreveport-Bossier City, LA MSA	4	378,641	1.1
Wilmington-Newark, DE-MD PMSA	6	565,329	1.1
York, PA MSA	4	373,255	1.1
Amarillo, TX MSA	2	208,607	1.0
Austin-San Marcos, TX MSA	11	1,105,909	1.0
Baltimore, MD PMSA	26	2,483,952	1.0
Gary, IN PMSA	6	624,049	1.0
Grand Forks, ND-MN MSA	1	97,823	1.0
Houma, LA MSA	2	193,858	1.0
Iowa City, IA MSA	1	102,724	1.0
Louisville, KY-IN MSA	10	999,267	1.0
San Angelo, TX MSA	1	102,775	1.0
San Antonio, TX MSA	15	1,538,338	1.0
Sherman-Denison, TX MSA	1	102,815	1.0
St. Joseph, MO MSA	1	97,338	1.0
Atlantic-Cape May, NJ PMSA	3	336,116	0.9
Bloomington, IN MSA	1	115,130	0.9
Brownsville-Harlingen-San Benito, TX MSA	3	326,449	0.9
Buffalo-Niagra Falls, NY MSA	10	1,152,541	0.9
Charleston-North Charleston, SC MSA	5	541,159	0.9
Goldsboro, NC MSA	1	112,227	0.9
Hickory-Morganton-Lenoir, NC MSA	3	322,608	0.9
Jersey City, NJ PMSA	5	557,159	0.9
Lakeland-Winter Haven, FL MSA	4	452,584	0.9

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Lansing-East Lansing, MI MSA	4	449,683	0.9
Lawton, OK MSA	1	113,508	0.9
Melbourne-Titusville-Palm Bay, FL MSA	4	466,093	0.9
Muncie, IN MSA	1	116,828	0.9
Nashville, TN MSA	10	1,156,225	0.9
Omaha, NE-IA MSA	6	693,900	0.9
Richmond-Petersburg, VA MSA	9	957,032	0.9
Salem, OR PMSA	3	330,101	0.9
Sheboygan, WI MSA	1	110,170	0.9
Albany-Schenectady-Troy, NY MSA	7	871,604	0.8
Bakersfield, CA MSA	5	631,459	0.8
Columbia, MO MSA	1	129,098	0.8
Flagstaff, AZ-UT MSA	1	120,371	0.8
Florence, SC MSA	1	124,904	0.8
Fort Wayne, IN MSA	4	481,191	0.8
Johnstown, PA MSA	2	236,347	0.8
La Crosse, WI-MN MSA	1	121,832	0.8
Lafayette, LA MSA	3	375,718	0.8
Mobile, AL MSA	4	532,257	0.8
Rockford, IL MSA	3	356,887	0.8
Vallejo-Fairfield-Napa, CA PMSA	4	496,703	0.8
Waterloo-Cedar Falls, IA MSA	1	121,121	0.8
Yuma, AZ MSA	1	132,259	0.8
Albuquerque, NM MSA	5	678,633	0.7
Ann Arbor, MI PMSA	4	547,646	0.7
Augusta-Aiken, GA-SC MSA	3	458,271	0.7
Bangor, ME NECMA	1	142,323	0.7
Bryan-College Station, TX MSA	1	133,407	0.7
Canton-Massillon, OH MSA	3	402,207	0.7
Columbus, GA-AL MSA	2	272,133	0.7
Dothan, AL MSA	1	134,749	0.7
Evansville-Henderson, IN-KY MSA	2	290,757	0.7
Honolulu, HI MSA	6	872,478	0.7
Indianapolis, IN MSA	10	1,519,194	0.7
Jackson, MS MSA	3	429,614	0.7
Jacksonville, NC MSA	1	142,358	0.7
Kenosha, WI PMSA	1	144,339	0.7
Little Rock-North Little Rock, AR MSA	4	556,295	0.7
Modesto, CA MSA	3	426,460	0.7

Design (independent inventors)

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Pueblo, CO MSA	1	134,867	0.7
Santa Fe, NM MSA	1	141,730	0.7
Spokane, WA MSA	3	408,669	0.7
Steubenville-Weirton, OH-WV MSA	1	134,535	0.7
Terre Haute, IN MSA	1	148,628	0.7
Toledo, OH MSA	4	609,935	0.7
Yuba City, CA MSA	1	137,043	0.7
Lima, OH MSA	1	154,242	0.6
Mansfield, OH MSA	1	174,559	0.6
Memphis, TN-AR-MS MSA	7	1,093,427	0.6
St. Cloud, MN MSA	1	162,222	0.6
Tulsa, OK MSA	5	776,906	0.6
Tuscaloosa, AL MSA	1	160,768	0.6
Tyler, TX MSA	1	168,783	0.6
Fort Smith, AR-OK MSA	1	194,045	0.5
Fresno, CA MSA	4	870,478	0.5
Green Bay, WI MSA	1	215,373	0.5
Laredo, TX MSA	1	188,166	0.5
Merced, CA MSA	1	197,730	0.5
Norfolk-Virginia Beach-Newport News, VA-NC MSA	7	1,542,143	0.5
Saginaw-Bay City-Midland, MI MSA	2	401,991	0.5
Birmingham, AL MSA	4	908,508	0.4
Brazoria, TX PMSA	1	230,335	0.4
Charleston, WV MSA	1	253,175	0.4
Erie, PA MSA	1	276,401	0.4
Fayetteville, NC MSA	1	284,629	0.4
Fayetteville-Springdale-Rogers, AR MSA	1	272,616	0.4
Galveston-Texas City TX PMSA	1	245,556	0.4
McAllen-Edinburg-Mission, TX MSA	2	522,204	0.4
New London-Norwich, CT NECMA	1	245,740	0.4
Odessa-Midland, TX MSA	1	245,376	0.4
Savannah, GA MSA	1	285,508	0.4
Tallahassee, FL MSA	1	261,021	0.4
Wichita, KS MSA	2	544,343	0.4
Baton Rouge, LA MSA	2	575,129	0.3
Davenport-Moline-Rock Island, IA-IL MSA	1	357,813	0.3
Hamilton-Middletown, OH PMSA	1	330,428	0.3
Killeen-Temple, TX MSA	1	301,449	0.3
Montgomery, AL MSA	1	321,781	0.3

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Colorado Springs, CO MSA	1	490,378	0.2
Kalamazoo-Battle Creek, MI MSA	1	446,331	0.2
El Paso, TX MSA	1	703,127	0.1
Abilene, TX MSA	0	122,016	0.0
Albany, GA MSA	0	118,076	0.0
Alexandria, LA MSA	0	126,763	0.0
Altoona, PA MSA	0	130,615	0.0
Anniston, AL MSA	0	117,018	0.0
Appleton-Oshkosh-Neenah, WI MSA	0	344,464	0.0
Auburn-Opelika, AL MSA	0	100,444	0.0
Benton Harbor, MI MSA	0	160,245	0.0
Billings, MT MSA	0	126,158	0.0
Casper, WY MSA	0	63,341	0.0
Cedar Rapids, IA MSA	0	182,651	0.0
Champaign-Urbana, IL MSA	0	167,788	0.0
Charlottesville, VA MSA	0	149,190	0.0
Cheyenne, WY MSA	0	78,872	0.0
Clarksville-Hopkinsville, TN-KY MSA	0	199,758	0.0
Corpus Christi, TX MSA	0	387,733	0.0
Cumberland, MD-WV MSA	0	98,070	0.0
Danville, VA MSA	0	108,252	0.0
Decatur, AL MSA	0	142,816	0.0
Decatur, IL MSA	0	113,772	0.0
Elmira, NY MSA	0	92,021	0.0
Enid, OK MSA	0	56,859	0.0
Gadsden, AL MSA	0	103,975	0.0
Gainesville, FL MSA	0	198,662	0.0
Glens Falls, NY MSA	0	121,742	0.0
Grand Junction, CO MSA	0	112,891	0.0
Greenville, NC MSA	0	126,630	0.0
Hattiesburg, MS MSA	0	111,252	0.0
Huntington-Ashland, WV-KY-OH MSA	0	313,922	0.0
Jackson, MI MSA	0	156,157	0.0
Jackson, TN MSA	0	100,654	0.0
Jamestown, NY MSA	0	138,103	0.0
Johnson City-Kingsport-Bristol, TN-VA MSA	0	462,345	0.0
Jonesboro, AR MSA	0	77,500	0.0
Joplin, MO MSA	0	148,684	0.0
Kankakee, IL PMSA	0	102,107	0.0

Design (independent inventors)

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Kokomo, IN MSA	0	100,176	0.0
Lafayette, IN MSA	0	172,220	0.0
Las Cruces, NM MSA	0	169,165	0.0
Lewiston-Auburn, ME NECMA	0	101,280	0.0
Lexington, KY MSA	0	449,645	0.0
Lincoln, NE MSA	0	235,589	0.0
Longview-Marshall, TX MSA	0	208,988	0.0
Lubbock, TX MSA	0	229,475	0.0
Monroe, LA MSA	0	146,979	0.0
Olympia, WA PMSA	0	202,255	0.0
Owensboro, KY MSA	0	91,139	0.0
Pensacola, FL MSA	0	399,625	0.0
Pine Bluff, AR MSA	0	81,556	0.0

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Portland, ME NECMA	0	253,582	0.0
Rapid City, SD MSA	0	87,702	0.0
Rocky Mount, NC MSA	0	146,167	0.0
Sioux Falls, SD MSA	0	163,422	0.0
Springfield, MO MSA	0	304,863	0.0
State College, PA MSA	0	132,700	0.0
Texarkana, TX-Texarkana, AR MSA	0	123,366	0.0
Victoria, TX MSA	0	82,650	0.0
Visalia-Tulare-Porterville, CA MSA	0	355,240	0.0
Waco, TX MSA	0	203,446	0.0
Wichita Falls, TX MSA	0	137,237	0.0
Yakima, WA MSA	0	218,062	0.0
Youngstown-Warren, OH MSA	0	591,752	0.0

Design (independent inventors)