

Table 2. Number of DESIGN Patents Granted per 100,000 Population, by Metropolitan Area, 1998

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.
Sheboygan, WI MSA	43	110,170	39.0	Canton-Massillon, OH MSA	27	402,207	6.7
Portland-Vancouver, OR-WA PMSA	309	1,818,955	17.0	Reading, PA MSA	24	355,956	6.7
Akron, OH PMSA	90	688,952	13.1	Des Moines, IA MSA	28	436,922	6.4
San Francisco, CA PMSA	168	1,683,309	10.0	Greenville-Spartanburg-Anderson, SC MSA	59	918,351	6.4
New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT NECMA	162	1,631,866	9.9	Benton Harbor, MI MSA	10	160,245	6.2
Orange County, CA PMSA	266	2,721,701	9.8	Kenosha, WI PMSA	9	144,339	6.2
Boulder-Longmont, CO PMSA	26	267,274	9.7	Greensboro--Winston-Salem--High Point, NC MSA	71	1,167,629	6.1
Racine, WI PMSA	17	186,119	9.1	Seattle-Bellevue-Everett, WA PMSA	140	2,312,978	6.1
Minneapolis-St. Paul, MN-WI MSA	251	2,831,234	8.9	Fort Lauderdale, FL PMSA	87	1,503,407	5.8
Parkersburg-Marietta, WV-OH MSA	13	150,181	8.7	Nassau-Suffolk, NY PMSA	155	2,673,489	5.8
Reno, NV MSA	27	313,660	8.6	San Diego, CA MSA	162	2,780,592	5.8
San Jose, CA PMSA	139	1,641,215	8.5	Bellingham, WA MSA	9	156,830	5.7
State College, PA MSA	11	132,700	8.3	Bergen-Passaic, NJ PMSA	76	1,344,266	5.7
Wausau, WI MSA	10	123,223	8.1	Middlesex-Somerset-Hunterdon, NJ PMSA	64	1,121,504	5.7
Providence-Warwick-Pawtucket, RI NECMA	72	905,612	8.0	Milwaukee-Waukesha, WI PMSA	83	1,459,805	5.7
Hickory-Morganton-Lenoir, NC MSA	25	322,608	7.7	Columbus, OH MSA	82	1,469,604	5.6
South Bend, IN MSA	20	258,088	7.7	Greeley, CO PMSA	9	159,429	5.6
Ventura, CA PMSA	56	731,967	7.7	Hattiesburg, MS MSA	6	111,252	5.4
Eugene-Springfield, OR MSA	24	314,068	7.6	St. Louis, MO-IL MSA	137	2,563,801	5.3
Newark, NJ PMSA	148	1,952,407	7.6	Elkhart-Goshen, IN MSA	9	172,310	5.2
Los Angeles-Long Beach, CA PMSA	693	9,213,533	7.5	Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	301	5,867,187	5.1
Sharon, PA MSA	9	121,938	7.4	Corvallis, OR MSA	4	77,755	5.1
Florence, AL MSA	10	137,271	7.3	Jackson, TN MSA	5	100,654	5.0
Cleveland-Lorain-Elyria, OH PMSA	160	2,222,731	7.2	Memphis, TN-AR-MS MSA	55	1,093,427	5.0
Madison, WI MSA	30	424,586	7.1	Syracuse, NY MSA	37	734,640	5.0
Fort Collins-Loveland, CO MSA	16	231,221	6.9	Hartford, CT NECMA	54	1,110,065	4.9
Grand Rapids-Muskegon-Holland, MI MSA	72	1,037,933	6.9	New York, NY PMSA	430	8,692,782	4.9
Rochester, MN MSA	8	116,702	6.9	Santa Barbara-Santa Maria-Lompoc, CA MSA	19	389,502	4.9
Chicago, IL PMSA	536	7,939,351	6.8	Barnstable-Yarmouth, MA NECMA	10	208,418	4.8

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Boise City, ID MSA	19	395,953	4.8
Lancaster, PA MSA	22	456,414	4.8
Monmouth-Ocean, NJ PMSA	52	1,093,253	4.8
Rochester, NY MSA	52	1,081,883	4.8
Trenton, NJ PMSA	16	331,629	4.8
Wilmington-Newark, DE-MD PMSA	27	565,329	4.8
Indianapolis, IN MSA	72	1,519,194	4.7
Chico-Paradise, CA MSA	9	194,597	4.6
Cincinnati, OH-KY-IN PMSA	75	1,617,836	4.6
Denver, CO PMSA	88	1,938,642	4.5
Santa Cruz-Watsonville, CA PMSA	11	242,994	4.5
Dallas, TX PMSA	141	3,209,886	4.4
Oakland, CA PMSA	101	2,318,522	4.4
Atlanta, GA MSA	161	3,746,059	4.3
Williamsport, PA MSA	5	117,308	4.3
Provo-Orem, UT MSA	14	335,635	4.2
Springfield, MA NECMA	25	588,993	4.2
Huntsville, AL MSA	14	340,428	4.1
Orlando, FL MSA	61	1,504,569	4.1
Phoenix-Mesa, AZ MSA	120	2,931,004	4.1
Toledo, OH MSA	25	609,935	4.1
Daytona Beach, FL MSA	38	948,522	4.0
Naples, FL MSA	8	199,436	4.0
Roanoke, VA MSA	9	227,828	4.0
Appleton-Oshkosh-Neenah, WI MSA	13	344,464	3.8
San Luis Obispo-Atascadero-Paso Robles, CA MSA	9	234,366	3.8
Philadelphia, PA-NJ PMSA	185	4,946,562	3.7
Riverside-San Bernardino, CA PMSA	113	3,114,072	3.6
Eau Claire, WI MSA	5	143,861	3.5
Fort Wayne, IN MSA	17	481,191	3.5
Raleigh-Durham-Chapel Hill, NC MSA	38	1,079,873	3.5
Sacramento, CA PMSA	53	1,531,963	3.5
Santa Rosa, CA PMSA	15	433,304	3.5
Fort Worth-Arlington, TX PMSA	54	1,592,577	3.4
Tucson, AZ MSA	27	790,755	3.4
Utica-Rome, NY MSA	10	294,677	3.4
West Palm Beach-Boca Raton, FL MSA	35	1,032,625	3.4
Austin-San Marcos, TX MSA	37	1,105,909	3.3
La Crosse, WI-MN MSA	4	121,832	3.3

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Sarasota-Bradenton, FL MSA	18	543,082	3.3
Detroit, MI PMSA	143	4,473,853	3.2
Yolo, CA PMSA	5	153,849	3.2
Allentown-Bethlehem-Easton, PA MSA	19	616,877	3.1
Jersey City, NJ PMSA	17	557,159	3.1
Baltimore, MD PMSA	75	2,483,952	3.0
Bryan-College Station, TX MSA	4	133,407	3.0
Charlotte-Gastonia-Rock Hill, NC-SC MSA	42	1,383,080	3.0
Dothan, AL MSA	4	134,749	3.0
Omaha, NE-IA MSA	21	693,900	3.0
Punta Gorda, FL MSA	4	134,899	3.0
Iowa City, IA MSA	3	102,724	2.9
Lynchburg, VA MSA	6	208,039	2.9
Binghamton, NY MSA	7	249,022	2.8
Bloomington-Normal, IL MSA	4	142,652	2.8
Green Bay, WI MSA	6	215,373	2.8
Kansas City, MO-KS MSA	49	1,737,025	2.8
Salt Lake City-Ogden, UT MSA	35	1,267,745	2.8
Scranton--Wilkes-Barre--Hazleton, PA MSA	17	615,491	2.8
Sumter, SC MSA	3	107,127	2.8
Tacoma-WA PMSA	19	676,505	2.8
Tampa-St. Petersburg-Clearwater, FL MSA	64	2,256,559	2.8
Wichita, KS MSA	15	544,343	2.8
Atlantic-Cape May, NJ PMSA	9	336,116	2.7
Panama City, FL MSA	4	146,999	2.7
Pocatello, ID MSA	2	74,866	2.7
Terre Haute, IN MSA	4	148,628	2.7
Wilmington, NC MSA	6	218,248	2.7
York, PA MSA	10	373,255	2.7
Lima, OH MSA	4	154,242	2.6
Wheeling, WV-OH MSA	4	152,903	2.6
Duluth-Superior, MN-WI MSA	6	236,464	2.5
Miami, FL PMSA	53	2,152,437	2.5
Sioux City, IA-NE MSA	3	120,464	2.5
Anchorage, AK MSA	6	254,982	2.4
Dover, DE MSA	3	124,089	2.4
Fort Pierce-Port St. Lucie, FL MSA	7	295,118	2.4
Melbourne-Titusville-Palm Bay, FL MSA	11	466,093	2.4
Newburgh, NY-PA PMSA	9	369,392	2.4

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Redding, CA MSA	4	164,349	2.4
Asheville, NC MSA	5	213,629	2.3
Dubuque, IA MSA	2	87,806	2.3
Dutchess County, NY PMSA	6	265,317	2.3
Knoxville, TN MSA	15	659,074	2.3
Oklahoma City, OK MSA	24	1,038,999	2.3
Pittsburgh, PA MSA	55	2,346,153	2.3
Pittsfield, MA NECMA	3	133,038	2.3
Ann Arbor, MI PMSA	12	547,646	2.2
Athens, GA MSA	3	138,679	2.2
Bismarck, ND MSA	2	91,442	2.2
Charleston-North Charleston, SC MSA	12	541,159	2.2
Colorado Springs, CO MSA	11	490,378	2.2
Columbus, GA-AL MSA	6	272,133	2.2
Davenport-Moline-Rock Island, IA-IL MSA	8	357,813	2.2
Jacksonville, FL MSA	23	1,044,684	2.2
Las Vegas, NV-AZ MSA	29	1,321,546	2.2
Missoula, MT MSA	2	88,989	2.2
Nashville, TN MSA	25	1,156,225	2.2
Steubenville-Weirton, OH-WV MSA	3	134,535	2.2
Stockton-Lodi, CA MSA	12	550,445	2.2
Bremerton, WA PMSA	5	232,623	2.1
Burlington, VT NECMA	4	192,895	2.1
Gary, IN PMSA	13	624,049	2.1
Hamilton-Middletown, OH PMSA	7	330,428	2.1
Buffalo-Niagra Falls, NY MSA	23	1,152,541	2.0
Fort Myers-Cape Coral, FL MSA	8	392,895	2.0
Houston, TX PMSA	79	3,931,688	2.0
Janesville-Beloit, WI MSA	3	150,736	2.0
Kalamazoo-Battle Creek, MI MSA	9	446,331	2.0
Louisville, KY-IN MSA	20	999,267	2.0
New London-Norwich, CT NECMA	5	245,740	2.0
Peoria-Pekin, IL MSA	7	344,779	2.0
Richmond-Petersburg, VA MSA	19	957,032	2.0
Rockford, IL MSA	7	356,887	2.0
Springfield, IL MSA	4	203,847	2.0
Vallejo-Fairfield-Napa, CA PMSA	10	496,703	2.0
Dayton-Springfield, OH MSA	9	470,864	1.9
Salinas, CA MSA	7	365,605	1.9

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Tulsa, OK MSA	15	776,906	1.9
Washington, DC-MD-VA-WV PMSA	87	4,673,902	1.9
Chattanooga, TN-GA MSA	8	450,283	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
Harrisburg-Lebanon-Carlisle, PA MSA	11	616,031	1.8
Lansing-East Lansing, MI MSA	8	449,683	1.8
Bloomington, IN MSA	2	115,130	1.7
Lake Charles, LA MSA	3	180,330	1.7
Ocala, FL MSA	4	241,513	1.7
Saginaw-Bay City-Midland, MI MSA	7	401,991	1.7
Waterloo-Cedar Falls, IA MSA	2	121,121	1.7
Hagerstown, MD PMSA	2	127,352	1.6
Lexington, KY MSA	7	449,645	1.6
New Orleans, LA MSA	21	1,309,445	1.6
Richland-Kennewick-Pasco, WA MSA	3	182,709	1.6
Albany-Schenectady-Troy, NY MSA	13	871,604	1.5
Albuquerque, NM MSA	10	678,633	1.5
Merced, CA MSA	3	197,730	1.5
Bangor, ME NECMA	2	142,323	1.4
Columbia, SC MSA	7	512,316	1.4
Little Rock-North Little Rock, AR MSA	8	556,295	1.4
Vineland-Millville-Bridgeton, NJ PMSA	2	140,341	1.4
Yakima, WA MSA	3	218,062	1.4
Charlottesville, VA MSA	2	149,190	1.3
Great Falls, MT MSA	1	78,983	1.3
Jonesboro, AR MSA	1	77,500	1.3
Macon, GA MSA	4	319,502	1.3
Brownsville-Harlingen-San Benito, TX MSA	4	326,449	1.2
Lafayette, IN MSA	2	172,220	1.2
Medford-Ashland, OR MSA	2	173,123	1.2
Portland, ME NECMA	3	253,582	1.2
St. Cloud, MN MSA	2	162,222	1.2
Topeka, KS MSA	2	165,348	1.2
Beaumont-Port Arthur, TX MSA	4	375,564	1.1
Biloxi-Gulfport-Pascagoula, MS MSA	4	349,218	1.1
Fayetteville-Springdale-Rogers, AR MSA	3	272,616	1.1
Lawrence, KS MSA	1	93,137	1.1

Design

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Mansfield, OH MSA	2	174,559	1.1
Myrtle Beach, SC MSA	2	174,762	1.1
Owensboro, KY MSA	1	91,139	1.1
San Antonio, TX MSA	17	1,538,338	1.1
Savannah, GA MSA	3	285,508	1.1
Shreveport-Bossier City, LA MSA	4	378,641	1.1
Amarillo, TX MSA	2	208,607	1.0
Auburn-Opelika, AL MSA	1	100,444	1.0
Grand Forks, ND-MN MSA	1	97,823	1.0
Houma, LA MSA	2	193,858	1.0
San Angelo, TX MSA	1	102,775	1.0
Sherman-Denison, TX MSA	1	102,815	1.0
Spokane, WA MSA	4	408,669	1.0
St. Joseph, MO MSA	1	97,338	1.0
Augusta-Aiken, GA-SC MSA	4	458,271	0.9
Baton Rouge, LA MSA	5	575,129	0.9
Brazoria, TX PMSA	2	230,335	0.9
Goldsboro, NC MSA	1	112,227	0.9
Lakeland-Winter Haven, FL MSA	4	452,584	0.9
Lawton, OK MSA	1	113,508	0.9
Modesto, CA MSA	4	426,460	0.9
Muncie, IN MSA	1	116,828	0.9
Salem, OR PMSA	3	330,101	0.9
Altoona, PA MSA	1	130,615	0.8
Bakersfield, CA MSA	5	631,459	0.8
Billings, MT MSA	1	126,158	0.8
Charleston, WV MSA	2	253,175	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
Fresno, CA MSA	7	870,478	0.8
Galveston-Texas City TX PMSA	2	245,556	0.8
Johnstown, PA MSA	2	236,347	0.8
Lafayette, LA MSA	3	375,718	0.8
Mobile, AL MSA	4	532,257	0.8
Tallahassee, FL MSA	2	261,021	0.8
Yuma, AZ MSA	1	132,259	0.8
Birmingham, AL MSA	6	908,508	0.7
Decatur, AL MSA	1	142,816	0.7

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Erie, PA MSA	2	276,401	0.7
Evansville-Henderson, IN-KY MSA	2	290,757	0.7
Honolulu, HI MSA	6	872,478	0.7
Jackson, MS MSA	3	429,614	0.7
Jacksonville, NC MSA	1	142,358	0.7
Joplin, MO MSA	1	148,684	0.7
Pueblo, CO MSA	1	134,867	0.7
Santa Fe, NM MSA	1	141,730	0.7
Springfield, MO MSA	2	304,863	0.7
Youngstown-Warren, OH MSA	4	591,752	0.7
Yuba City, CA MSA	1	137,043	0.7
Champaign-Urbana, IL MSA	1	167,788	0.6
Jackson, MI MSA	1	156,157	0.6
Norfolk-Virginia Beach-Newport News, VA-NC MSA	9	1,542,143	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
Laredo, TX MSA	1	188,166	0.5
Waco, TX MSA	1	203,446	0.5
Fayetteville, NC MSA	1	284,629	0.4
Lincoln, NE MSA	1	235,589	0.4
Lubbock, TX MSA	1	229,475	0.4
McAllen-Edinburg-Mission, TX MSA	2	522,204	0.4
Odessa-Midland, TX MSA	1	245,376	0.4
El Paso, TX MSA	2	703,127	0.3
Killeen-Temple, TX MSA	1	301,449	0.3
Montgomery, AL MSA	1	321,781	0.3
Visalia-Tulare-Porterville, CA MSA	1	355,240	0.3
Abilene, TX MSA	0	122,016	0.0
Albany, GA MSA	0	118,076	0.0
Alexandria, LA MSA	0	126,763	0.0
Anniston, AL MSA	0	117,018	0.0
Casper, WY MSA	0	63,341	0.0
Cedar Rapids, IA MSA	0	182,651	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

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
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
Huntington-Ashland, WV-KY-OH MSA	0	313,922	0.0
Jamestown, NY MSA	0	138,103	0.0
Johnson City-Kingsport-Bristol, TN-VA MSA	0	462,345	0.0
Kankakee, IL PMSA	0	102,107	0.0
Kokomo, IN MSA	0	100,176	0.0

Metro Area Name	Design Patents Granted	Population 1998	Patents per 100K pop.
Las Cruces, NM MSA	0	169,165	0.0
Lewiston-Auburn, ME NECMA	0	101,280	0.0
Longview-Marshall, TX MSA	0	208,988	0.0
Monroe, LA MSA	0	146,979	0.0
Olympia, WA PMSA	0	202,255	0.0
Pensacola, FL MSA	0	399,625	0.0
Pine Bluff, AR MSA	0	81,556	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
Texarkana, TX-Texarkana, AR MSA	0	123,366	0.0
Victoria, TX MSA	0	82,650	0.0
Wichita Falls, TX MSA	0	137,237	0.0