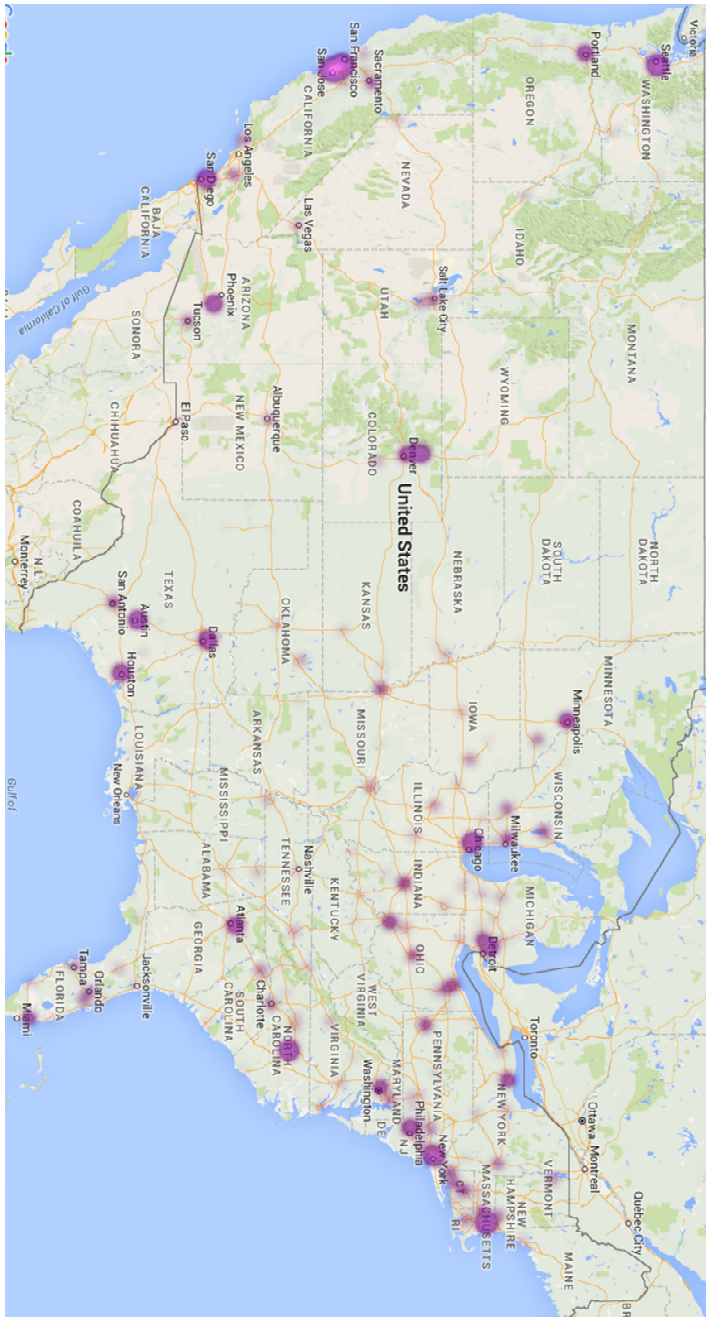


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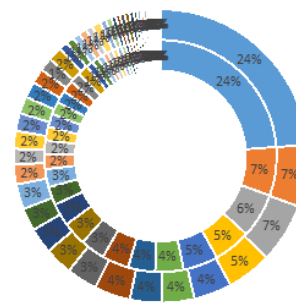
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List Addendum

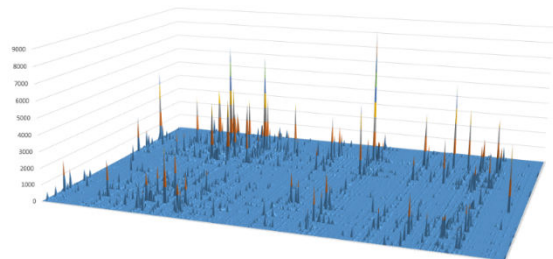


Inventors & Patents by State

Inner ring: Inventors, Outer ring: Patents



- CA ■ TX ■ NY ■ MA
- WA ■ MI ■ IL ■ NJ
- PA ■ MN ■ OH ■ NC
- FL ■ CO ■ WI ■ CT
- OR ■ AZ ■ GA ■ MD
- IN ■ VA ■ MO ■ UT
- TN ■ NH ■ IA ■ ID
- SC ■ KS ■ KY ■ OK
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February 2016
 Author: Joe Chiarella

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Overall Rank	Metro Region	Rank in Each Index (Highlighted Cells Indicate a Top 25 Ranking In That Index)								Tot Score	
		Inventors	Patents	Inventor Density	Entities	IP Company Density	Class Diversity	Tops in Class	Home Team		Up & Coming
1	San Diego-Carlsbad-San Marcos, CA [41740]	7	6	18	8	12	14	18	12	3	98
2	San Francisco-Oakland-Fremont, CA [41860]	2	2	8	3	7	5	6	74	5	112
3	San Jose-Sunnyvale-Santa Clara, CA [41940]	1	1	1	2	2	16	1	15	78	117
4	Seattle-Tacoma-Bellevue, WA [42660]	5	5	12	12	36	11	19	17	1	118
5	Boston-Cambridge-Quincy, MA-NH [14460]	4	4	17	4	9	3	9	8	66	124
6	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	9	9	70	6	28	4	7	23	28	184
7	Houston-Sugar Land-Baytown, TX [26420]	10	12	74	10	62	12	5	2	12	199
8	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	13	14	85	7	69	13	29	14	27	271
9	Detroit-Warren-Livonia, MI [19820]	8	10	50	13	50	7	3	6	125	272
10	Dallas-Fort Worth-Arlington, TX [19100]	11	11	92	9	88	10	36	11	19	287
11	Boulder, CO [14500]	21	20	2	21	4	34	32	155	6	295
12	Austin-Round Rock, TX [12420]	12	8	15	20	47	40	62	83	17	304
13	Chicago-Naperville-Joliet, IL-IN-WI [16980]	6	7	79	5	96	1	4	4	103	305
14	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	19	17	58	17	89	9	10	7	82	308
15	Hartford-West Hartford-East Hartford, CT [25540]	33	36	41	43	41	25	25	55	10	309
16	Rochester, NY [40380]	22	23	20	42	48	39	8	64	44	310
17	Phoenix-Mesa-Scottsdale, AZ [38060]	14	13	65	16	46	8	62	68	31	323
18	Salt Lake City, UT [41620]	47	52	62	30	31	45	17	33	7	324
19	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	3	3	86	1	73	2	2	3	159	332
20	Portland-Vancouver-Beaverton, OR-WA [38900]	17	15	31	19	90	20	62	31	51	336
21	Cleveland-Elyria-Mentor, OH [17460]	30	33	82	18	35	15	15	29	96	353
22	Denver-Aurora, CO [19740]	20	21	55	14	104	17	38	84	4	357

23	Durham, NC [20500]	16	16	3	29	25	29	62	182	2	364
24	Oxnard-Thousand Oaks-Ventura, CA [37100]	35	32	27	28	16	30	48	76	77	369
25	Atlanta-Sandy Springs-Marietta, GA [12060]	15	18	91	11	147	6	13	34	55	390
26	Raleigh-Cary, NC [39580]	18	19	13	31	51	27	51	183	9	402
27	Milwaukee-Waukesha-West Allis, WI [33340]	34	42	75	25	30	24	27	28	130	415
28	Indianapolis-Carmel, IN [26900]	29	35	64	33	120	31	26	69	14	421
29	Cincinnati-Middletown, OH-KY-IN [17140]	23	25	51	22	55	18	14	22	199	429
30	Ann Arbor, MI [11460]	25	24	6	44	15	33	62	185	50	444
31	Greeley, CO [24540]	27	28	5	41	14	49	62	206	15	447
32	Pittsburgh, PA [38300]	26	37	77	27	97	21	11	41	120	457
33	Reno-Sparks, NV [39900]	83	67	42	39	13	92	52	20	53	461
34	Madison, WI [31540]	50	56	26	51	40	46	62	51	81	463
35	Provo-Orem, UT [39340]	66	62	44	52	43	67	50	77	11	472
36	Albany-Schenectady-Troy, NY [10580]	41	38	29	63	77	47	62	58	58	473
37	Palm Bay-Melbourne-Titusville, FL [37340]	54	55	34	48	20	55	62	124	22	474
38	Providence-New Bedford-Fall River, RI-MA [39300]	45	46	104	34	32	41	49	105	36	492
39	Santa Cruz-Watsonville, CA [42100]	32	22	4	58	8	59	62	241	8	494
40	Akron, OH [10420]	43	41	32	40	38	28	21	149	109	501
41	Laredo, TX [29700]	67	71	19	59	1	89	62	151	13	532
42	Baltimore-Towson, MD [12580]	24	30	100	26	123	23	22	144	42	534
43	Kansas City, MO-KS [28140]	37	44	93	32	94	48	62	10	114	534
44	Fort Collins-Loveland, CO [22660]	31	34	9	57	33	57	62	225	33	541
45	Las Vegas-Paradise, NV [29820]	73	64	167	24	24	77	44	25	43	541
46	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	28	29	168	15	163	22	62	26	30	543
47	Charlotte-Gastonia-Concord, NC-SC [16740]	53	60	139	37	107	35	62	44	18	555
48	New Haven-Milford, CT [35300]	46	40	39	46	17	43	62	170	93	556
49	Worcester, MA [49340]	36	31	33	55	19	38	62	239	52	565
50	Bridgeport-Stamford-Norwalk, CT [14860]	38	27	37	23	23	32	23	121	242	566
51	Greenville-Mauldin-Easley, SC [24860]	60	63	59	82	108	52	24	113	20	581
52	Manchester-Nashua, NH [31700]	55	49	22	60	5	53	62	210	67	583
53	Albuquerque, NM [10740]	61	68	84	69	71	68	62	47	73	603
54	Trenton-Ewing, NJ [45940]	58	45	21	49	6	82	58	213	97	629
55	Grand Rapids-Wyoming, MI [24340]	70	74	129	54	52	65	41	19	136	640

56	Santa Rosa-Petaluma, CA [42220]	79	66	60	72	29	62	62	169	49	648
57	Tucson, AZ [46060]	44	48	46	64	53	63	62	198	72	650
58	Tampa-St. Petersburg-Clearwater, FL [45300]	48	54	155	36	157	37	62	78	26	653
59	Knoxville, TN [28940]	78	92	105	73	65	60	62	18	101	654
60	Tulsa, OK [46140]	74	79	122	66	132	66	20	32	69	660
61	Columbus, OH [18140]	40	53	103	38	141	26	62	88	112	663
62	Boise City-Nampa, ID [14260]	49	26	25	78	117	69	31	43	249	687
63	Allentown-Bethlehem-Easton, PA-NJ [10900]	51	47	43	71	87	36	30	218	121	704
64	Appleton, WI [11540]	63	70	14	76	37	84	12	106	250	712
65	Huntsville, AL [26620]	89	104	72	87	44	111	62	70	75	714
66	Toledo, OH [45780]	95	105	117	75	49	80	57	40	108	726
67	Orlando-Kissimmee, FL [36740]	52	58	138	45	169	50	62	117	41	732
68	Kalamazoo-Portage, MI [28020]	87	101	54	99	63	88	62	135	45	734
69	Peoria, IL [37900]	65	85	23	152	136	103	28	56	86	734
70	Gainesville, FL [23540]	97	115	47	118	92	124	62	59	37	751
71	Modesto, CA [33700]	75	57	53	92	34	74	62	242	63	752
72	Sacramento--Arden-Arcade--Roseville, CA [40900]	39	39	124	53	128	44	62	204	62	755
73	Blacksburg-Christiansburg-Radford, VA [13980]	115	120	35	112	10	121	62	166	24	765
74	Riverside-San Bernardino-Ontario, CA [40140]	42	43	179	35	103	19	54	147	143	765
75	Greensboro-High Point, NC [24660]	84	90	112	67	83	76	62	104	88	766
76	San Antonio, TX [41700]	57	61	149	50	151	61	56	150	32	767
77	Iowa City, IA [26980]	88	87	16	129	80	119	43	190	16	768
78	Champaign-Urbana, IL [16580]	90	98	28	116	64	114	62	165	34	771
79	St. Louis, MO-IL [41180]	59	59	172	47	189	42	62	80	61	771
80	South Bend-Mishawaka, IN-MI [43780]	107	107	66	83	26	85	62	109	144	789
81	Omaha-Council Bluffs, NE-IA [36540]	82	94	133	68	150	78	62	71	54	792
82	Louisville/Jefferson County, KY-IN [31140]	72	93	140	70	179	64	62	38	76	794
83	Syracuse, NY [45060]	86	80	99	85	84	72	62	102	128	798
84	Nashville-Davidson--Murfreestown--Franklin, TN [34980]	71	84	163	56	172	58	62	95	39	800
85	State College, PA [44300]	122	146	38	142	18	158	62	57	60	803
86	Richmond, VA [40060]	62	65	123	61	180	51	53	125	91	811
87	Lexington-Fayette, KY [30460]	69	83	48	96	174	81	45	48	171	815
88	Oshkosh-Neenah, WI [36780]	68	73	11	105	27	99	47	141	246	817

89	Buffalo-Niagara Falls, NY [15380]	80	82	146	74	76	56	33	67	208	822
90	Dayton, OH [19380]	77	69	115	65	79	54	37	129	197	822
91	Cedar Rapids, IA [16300]	93	96	30	126	99	138	62	173	23	840
92	Des Moines-West Des Moines, IA [19780]	99	76	102	84	139	120	39	9	173	841
93	Colorado Springs, CO [17820]	76	72	98	89	114	94	62	158	83	846
94	Burlington-South Burlington, VT [15540]	64	50	10	119	57	116	62	195	181	854
95	Racine, WI [39540]	101	88	24	111	21	70	62	219	172	868
96	Canton-Massillon, OH [15940]	92	78	56	100	58	83	62	152	200	881
97	Elkhart-Goshen, IN [21140]	132	122	52	98	22	113	62	132	164	897
98	Winston-Salem, NC [49180]	102	109	120	86	78	86	62	154	100	897
99	Rockford, IL [40420]	119	121	94	121	111	90	55	128	64	903
100	Memphis, TN-MS-AR [32820]	81	75	142	77	113	102	62	87	165	904
101	Vallejo-Fairfield, CA [46700]	94	86	76	139	86	97	62	245	35	920
102	Fort Wayne, IN [23060]	98	110	90	93	129	96	62	92	154	924
103	Saginaw-Saginaw Township North, MI [40980]	137	133	71	162	54	132	62	94	79	924
104	Spokane, WA [44060]	135	141	152	107	95	140	62	13	89	934
105	Port St. Lucie, FL [38940]	127	113	132	94	170	108	62	108	21	935
106	Spartanburg, SC [43900]	112	106	69	128	56	107	62	175	122	937
107	Rochester, MN [40340]	56	51	7	180	162	134	62	236	68	956
108	Lancaster, PA [29540]	110	97	113	110	142	79	62	174	71	958
109	Yuba City, CA [49700]	131	123	57	108	11	106	61	224	147	968
110	Wichita, KS [48620]	114	124	145	106	144	115	62	24	138	972
111	Portland-South Portland-Biddeford, ME [38860]	111	111	114	88	98	101	62	120	169	974
112	Eugene-Springfield, OR [21660]	141	143	134	117	85	143	62	63	92	980
113	York-Hanover, PA [49620]	108	95	95	123	115	104	62	176	113	991
114	Springfield, MA [44140]	100	91	127	97	91	71	62	223	133	995
115	Jacksonville, FL [27260]	105	118	188	81	195	93	62	45	111	998
116	Reading, PA [39740]	104	81	88	132	124	73	62	248	94	1006
117	Davenport-Moline-Rock Island, IA-IL [19340]	123	136	116	140	116	145	16	49	167	1008
118	Kennewick-Richland-Pasco, WA [28420]	120	153	68	169	82	157	62	53	148	1012
119	Bremerton-Silverdale, WA [14740]	134	114	73	147	75	135	62	229	46	1015
120	Charlottesville, VA [16820]	128	117	61	134	143	153	62	181	47	1026
121	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	85	103	186	80	182	75	62	85	170	1028

122	Harrisburg-Carlisle, PA [25420]	103	100	110	125	148	127	42	168	117	1040
123	Norwich-New London, CT [35980]	109	99	63	170	106	130	62	244	70	1053
124	San Luis Obispo-Paso Robles, CA [42020]	138	134	118	122	66	118	62	146	149	1053
125	Cape Coral-Fort Myers, FL [15980]	126	128	166	90	173	91	62	162	56	1054
126	Hickory-Lenoir-Morganton, NC [25860]	133	130	119	127	165	142	62	52	129	1059
127	Erie, PA [21500]	142	150	111	157	61	155	40	112	140	1068
128	Binghamton, NY [13780]	96	102	45	159	67	141	62	156	248	1076
129	Lansing-East Lansing, MI [29620]	113	119	130	113	133	98	62	160	161	1089
130	Bellingham, WA [13380]	177	177	144	138	74	159	62	35	124	1090
131	Bloomington, IN [14020]	139	127	36	179	145	161	62	216	25	1090
132	Oklahoma City, OK [36420]	106	108	189	79	201	100	62	16	231	1092
133	College Station-Bryan, TX [17780]	147	148	107	156	72	156	62	180	65	1093
134	New Orleans-Metairie-Kenner, LA [35380]	116	126	200	91	193	117	62	98	105	1108
135	Chattanooga, TN-GA [16860]	145	162	176	104	130	149	34	66	145	1111
136	Baton Rouge, LA [12940]	124	131	182	101	203	129	62	86	95	1113
137	Kingsport-Bristol-Bristol, TN-VA [28700]	129	135	87	149	81	144	62	148	178	1113
138	Flint, MI [22420]	91	77	83	168	155	87	62	240	153	1116
139	Lafayette, LA [29180]	156	160	169	131	140	185	62	37	85	1125
140	Ogden-Clearfield, UT [36260]	117	112	143	103	146	95	46	208	158	1128
141	Salinas, CA [41500]	148	125	147	109	42	131	62	202	162	1128
142	Tallahassee, FL [45220]	143	156	137	154	210	137	62	50	84	1133
143	Wilmington, NC [48900]	157	170	126	155	209	169	59	54	38	1137
144	Niles-Benton Harbor, MI [35660]	159	142	49	199	110	165	62	212	40	1138
145	Topeka, KS [45820]	144	152	78	135	118	163	62	189	99	1140
146	Janesville, WI [27500]	169	138	80	144	39	133	62	205	183	1153
147	Johnson City, TN [27740]	151	149	67	175	101	162	62	179	119	1165
148	Bend, OR [13460]	176	166	89	164	105	164	62	123	131	1180
149	Columbia, SC [17900]	125	137	175	124	191	112	62	116	141	1183
150	Green Bay, WI [24580]	161	165	153	102	60	154	62	91	243	1191
151	Fargo, ND-MN [22020]	162	164	108	160	125	176	62	30	207	1194
152	Kingston, NY [28740]	121	89	40	181	131	128	62	234	210	1196
153	Burlington, NC [15500]	173	145	81	166	59	147	62	243	127	1203
154	Stockton, CA [44700]	130	116	165	130	112	110	62	235	146	1206

155	Naples-Marco Island, FL [34940]	163	157	151	120	202	136	62	167	57	1215
156	Bakersfield, CA [12540]	136	144	190	143	109	122	62	134	184	1224
157	Birmingham-Hoover, AL [13820]	118	129	193	95	219	109	62	126	185	1236
158	Youngstown-Warren-Boardman, OH-PA [49660]	146	139	171	115	122	105	60	140	239	1237
159	Sioux Falls, SD [43620]	186	189	154	178	226	197	62	21	29	1242
160	Midland, TX [33260]	195	194	148	174	93	207	62	36	134	1243
161	Fayetteville-Springdale-Rogers, AR-MO [22220]	160	176	173	136	190	150	62	89	116	1252
162	Lincoln, NE [30700]	152	158	131	137	154	171	62	127	160	1252
163	Roanoke, VA [40220]	149	154	128	145	220	152	62	138	106	1254
164	Jackson, MI [27100]	168	159	97	184	102	168	62	233	87	1260
165	Muskegon-Norton Shores, MI [34740]	182	178	141	165	45	183	62	101	211	1268
166	Lakeland, FL [29460]	158	163	196	148	171	125	62	201	48	1272
167	Eau Claire, WI [20740]	180	180	125	195	156	175	62	93	110	1276
168	Gainesville, GA [23580]	166	147	101	161	152	139	62	232	123	1283
169	Columbia, MO [17860]	174	179	96	196	159	180	35	187	80	1286
170	Evansville, IN-KY [21780]	140	140	106	190	223	160	62	172	107	1300
171	Las Cruces, NM [29740]	170	172	135	176	68	146	62	193	179	1301
172	Medford, OR [32780]	190	195	162	172	137	179	62	73	137	1307
173	Springfield, MO [44180]	187	192	211	150	185	184	62	27	139	1337
174	Tyler, TX [46340]	193	190	157	167	100	194	62	221	59	1343
175	Waterloo-Cedar Falls, IA [47940]	167	181	121	192	149	198	62	61	212	1343
176	Charleston-North Charleston, SC [16700]	150	155	185	133	234	148	62	209	74	1350
177	Utica-Rome, NY [46540]	181	186	183	153	70	172	62	110	247	1364
178	Deltona-Daytona Beach-Ormond Beach, FL [19660]	164	161	192	141	175	151	62	145	175	1366
179	Fresno, CA [23420]	175	174	230	146	161	178	62	136	104	1366
180	Dover, DE [20100]	233	234	202	62	3	232	62	186	156	1370
181	Duluth, MN-WI [20260]	204	204	184	194	166	188	62	79	90	1371
182	Little Rock-North Little Rock-Conway, AR [30780]	153	169	194	114	216	167	62	62	237	1374
183	Athens-Clarke County, GA [12020]	165	173	109	158	183	173	62	188	166	1377
184	Lubbock, TX [31180]	196	208	205	186	158	196	62	46	135	1392
185	Greenville, NC [24780]	206	209	161	188	126	201	62	39	206	1398
186	Asheville, NC [11700]	154	151	170	151	196	126	62	199	193	1402
187	Barnstable Town, MA [12700]	179	168	136	183	176	174	62	211	118	1407

188	Salem, OR [41420]	155	132	156	171	153	123	62	228	233	1413
189	Lynchburg, VA [31340]	172	182	150	189	204	177	62	161	152	1449
190	Joplin, MO [27900]	205	215	164	201	134	221	62	72	176	1450
191	Anchorage, AK [11260]	194	202	213	200	212	200	62	75	126	1484
192	Augusta-Richmond County, GA-SC [12260]	171	175	197	163	192	170	62	153	225	1508
193	Savannah, GA [42340]	201	211	210	177	164	202	62	90	191	1508
194	Ocala, FL [36100]	203	187	201	202	228	195	62	131	115	1524
195	Shreveport-Bossier City, LA [43340]	200	205	214	182	211	205	62	65	180	1524
196	Pensacola-Ferry Pass-Brent, FL [37860]	188	185	212	198	227	182	62	96	182	1532
197	Scranton--Wilkes-Barre, PA [42540]	178	167	208	173	214	166	62	143	232	1543
198	Longview, TX [30980]	209	206	187	185	138	215	62	200	142	1544
199	Visalia-Porterville, CA [47300]	212	218	235	187	135	211	62	99	198	1557
200	Springfield, IL [44100]	202	188	180	209	217	210	62	103	195	1566
201	Prescott, AZ [39140]	197	191	181	203	181	186	62	177	192	1570
202	Florence, SC [22500]	185	197	158	224	213	203	62	178	157	1577
203	Hagerstown-Martinsburg, MD-WV [25180]	192	183	178	210	167	189	62	249	150	1580
204	Chico, CA [17020]	215	220	199	206	119	208	62	139	214	1582
205	Charleston, WV [16620]	198	193	159	232	233	218	62	197	98	1590
206	Olympia, WA [36500]	184	171	160	226	239	199	62	230	132	1603
207	Waco, TX [47380]	230	233	222	208	127	230	62	107	189	1608
208	Sioux City, IA-NE-SD [43580]	222	217	204	221	187	217	62	82	217	1629
209	Macon, GA [31420]	217	213	203	211	230	206	62	192	102	1636
210	El Paso, TX [21340]	183	184	239	193	177	181	62	203	215	1637
211	Mobile, AL [33660]	199	200	219	205	186	190	62	163	216	1640
212	Billings, MT [13740]	235	239	216	207	205	238	62	1	240	1643
213	Houma-Bayou Cane-Thibodaux, LA [26380]	214	212	198	212	224	234	62	119	168	1643
214	Montgomery, AL [33860]	211	222	218	197	194	227	62	97	220	1648
215	Jackson, MS [27140]	191	198	226	191	235	187	62	171	194	1655
216	Corpus Christi, TX [18580]	210	210	231	204	197	192	62	133	219	1658
217	Tuscaloosa, AL [46220]	228	230	206	216	225	226	62	115	151	1659
218	Salisbury, MD [41540]	240	235	243	227	160	242	62	81	177	1667
219	Columbus, GA-AL [17980]	213	223	221	219	207	219	62	118	223	1705
220	Fort Smith, AR-OK [22900]	226	232	225	225	236	231	62	111	163	1711

221	Bowling Green, KY [14540]	232	228	195	223	184	228	62	142	222	1716
222	St. Cloud, MN [41060]	207	199	177	222	237	191	62	237	186	1718
223	Abilene, TX [10180]	248	248	245	231	199	247	62	5	235	1720
224	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	225	227	241	239	248	224	62	60	205	1731
225	Huntington-Ashland, WV-KY-OH [26580]	221	225	233	213	198	223	62	114	244	1733
226	Panama City-Lynn Haven, FL [37460]	189	207	174	244	246	193	62	238	187	1740
227	Fayetteville, NC [22180]	220	219	229	214	206	209	62	157	227	1743
228	Amarillo, TX [11100]	223	226	220	217	241	225	62	159	188	1761
229	Redding, CA [39820]	229	224	207	234	188	220	62	227	174	1765
230	Killeen-Temple-Fort Hood, TX [28660]	218	216	234	215	208	213	62	194	213	1773
231	Merced, CA [32900]	231	221	224	238	200	216	62	226	155	1773
232	Yakima, WA [49420]	239	236	240	228	168	236	62	130	234	1773
233	Lake Havasu City-Kingman, AZ [29420]	242	243	242	246	222	241	62	42	241	1781
234	Monroe, LA [33740]	238	241	223	241	245	239	62	100	202	1791
235	Atlantic City, NJ [12100]	219	196	215	218	231	222	62	214	221	1798
236	Punta Gorda, FL [39460]	224	214	191	220	229	204	62	215	245	1804
237	Vineland-Millville-Bridgeton, NJ [47220]	243	237	237	230	121	244	62	196	238	1808
238	Beaumont-Port Arthur, TX [13140]	208	201	217	229	221	214	62	222	236	1810
239	Albany, GA [10500]	245	244	236	237	244	246	62	122	201	1837
240	Pueblo, CO [39380]	241	242	232	235	178	237	62	184	230	1841
241	Terre Haute, IN [45460]	227	231	209	236	232	233	62	217	218	1865
242	Gulfport-Biloxi, MS [25060]	216	203	227	243	249	212	62	250	209	1871
243	Yuma, AZ [49740]	244	245	244	247	218	248	62	164	203	1875
244	Brownsville-Harlingen, TX [15180]	247	246	249	248	243	243	62	137	204	1879
245	McAllen-Edinburg-Mission, TX [32580]	236	238	250	233	242	235	62	191	196	1883
246	Clarksville, TN-KY [17300]	234	229	228	240	238	229	62	207	226	1893
247	Lake Charles, LA [29340]	237	240	238	242	240	240	62	220	228	1947
248	Warner Robins, GA [47580]	246	247	246	245	215	245	62	246	224	1976
249	Jacksonville, NC [27340]	249	249	247	250	250	249	62	231	190	1977
250	El Centro, CA [20940]	250	250	248	249	247	250	62	247	229	2032

FINAL COMPOSITE INDEX (ALPHABETIC ORDER):

Overall Rank	Metro Region	Ranking in Each Index (Highlighted Cells Indicate Top 25 Rankings)									Tot Score
		Inventors	Patents	Inventor Density	Entities	IP Company Density	Class Diversity	Tops in Class	Home Team	Up & Coming	
223	Abilene, TX [10180]	248	248	245	231	199	247	62	5	235	1720
40	Akron, OH [10420]	43	41	32	40	38	28	21	149	109	501
239	Albany, GA [10500]	245	244	236	237	244	246	62	122	201	1837
36	Albany-Schenectady-Troy, NY [10580]	41	38	29	63	77	47	62	58	58	473
53	Albuquerque, NM [10740]	61	68	84	69	71	68	62	47	73	603
63	Allentown-Bethlehem-Easton, PA-NJ [10900]	51	47	43	71	87	36	30	218	121	704
228	Amarillo, TX [11100]	223	226	220	217	241	225	62	159	188	1761
191	Anchorage, AK [11260]	194	202	213	200	212	200	62	75	126	1484
30	Ann Arbor, MI [11460]	25	24	6	44	15	33	62	185	50	444
64	Appleton, WI [11540]	63	70	14	76	37	84	12	106	250	712
186	Asheville, NC [11700]	154	151	170	151	196	126	62	199	193	1402
183	Athens-Clarke County, GA [12020]	165	173	109	158	183	173	62	188	166	1377
25	Atlanta-Sandy Springs-Marietta, GA [12060]	15	18	91	11	147	6	13	34	55	390
235	Atlantic City, NJ [12100]	219	196	215	218	231	222	62	214	221	1798
192	Augusta-Richmond County, GA-SC [12260]	171	175	197	163	192	170	62	153	225	1508
12	Austin-Round Rock, TX [12420]	12	8	15	20	47	40	62	83	17	304
156	Bakersfield, CA [12540]	136	144	190	143	109	122	62	134	184	1224
42	Baltimore-Towson, MD [12580]	24	30	100	26	123	23	22	144	42	534
187	Barnstable Town, MA [12700]	179	168	136	183	176	174	62	211	118	1407
136	Baton Rouge, LA [12940]	124	131	182	101	203	129	62	86	95	1113
238	Beaumont-Port Arthur, TX [13140]	208	201	217	229	221	214	62	222	236	1810
130	Bellingham, WA [13380]	177	177	144	138	74	159	62	35	124	1090
148	Bend, OR [13460]	176	166	89	164	105	164	62	123	131	1180
212	Billings, MT [13740]	235	239	216	207	205	238	62	1	240	1643

128	Binghamton, NY [13780]	96	102	45	159	67	141	62	156	248	1076
157	Birmingham-Hoover, AL [13820]	118	129	193	95	219	109	62	126	185	1236
73	Blacksburg-Christiansburg-Radford, VA [13980]	115	120	35	112	10	121	62	166	24	765
131	Bloomington, IN [14020]	139	127	36	179	145	161	62	216	25	1090
62	Boise City-Nampa, ID [14260]	49	26	25	78	117	69	31	43	249	687
5	Boston-Cambridge-Quincy, MA-NH [14460]	4	4	17	4	9	3	9	8	66	124
11	Boulder, CO [14500]	21	20	2	21	4	34	32	155	6	295
221	Bowling Green, KY [14540]	232	228	195	223	184	228	62	142	222	1716
119	Bremerton-Silverdale, WA [14740]	134	114	73	147	75	135	62	229	46	1015
50	Bridgeport-Stamford-Norwalk, CT [14860]	38	27	37	23	23	32	23	121	242	566
244	Brownsville-Harlingen, TX [15180]	247	246	249	248	243	243	62	137	204	1879
89	Buffalo-Niagara Falls, NY [15380]	80	82	146	74	76	56	33	67	208	822
153	Burlington, NC [15500]	173	145	81	166	59	147	62	243	127	1203
94	Burlington-South Burlington, VT [15540]	64	50	10	119	57	116	62	195	181	854
96	Canton-Massillon, OH [15940]	92	78	56	100	58	83	62	152	200	881
125	Cape Coral-Fort Myers, FL [15980]	126	128	166	90	173	91	62	162	56	1054
91	Cedar Rapids, IA [16300]	93	96	30	126	99	138	62	173	23	840
78	Champaign-Urbana, IL [16580]	90	98	28	116	64	114	62	165	34	771
205	Charleston, WV [16620]	198	193	159	232	233	218	62	197	98	1590
176	Charleston-North Charleston, SC [16700]	150	155	185	133	234	148	62	209	74	1350
47	Charlotte-Gastonia-Concord, NC-SC [16740]	53	60	139	37	107	35	62	44	18	555
120	Charlottesville, VA [16820]	128	117	61	134	143	153	62	181	47	1026
135	Chattanooga, TN-GA [16860]	145	162	176	104	130	149	34	66	145	1111
13	Chicago-Naperville-Joliet, IL-IN-WI [16980]	6	7	79	5	96	1	4	4	103	305
204	Chico, CA [17020]	215	220	199	206	119	208	62	139	214	1582
29	Cincinnati-Middletown, OH-KY-IN [17140]	23	25	51	22	55	18	14	22	199	429
246	Clarksville, TN-KY [17300]	234	229	228	240	238	229	62	207	226	1893
21	Cleveland-Elyria-Mentor, OH [17460]	30	33	82	18	35	15	15	29	96	353
133	College Station-Bryan, TX [17780]	147	148	107	156	72	156	62	180	65	1093
93	Colorado Springs, CO [17820]	76	72	98	89	114	94	62	158	83	846
169	Columbia, MO [17860]	174	179	96	196	159	180	35	187	80	1286
149	Columbia, SC [17900]	125	137	175	124	191	112	62	116	141	1183
219	Columbus, GA-AL [17980]	213	223	221	219	207	219	62	118	223	1705

61	Columbus, OH [18140]	40	53	103	38	141	26	62	88	112	663
216	Corpus Christi, TX [18580]	210	210	231	204	197	192	62	133	219	1658
10	Dallas-Fort Worth-Arlington, TX [19100]	11	11	92	9	88	10	36	11	19	287
117	Davenport-Moline-Rock Island, IA-IL [19340]	123	136	116	140	116	145	16	49	167	1008
90	Dayton, OH [19380]	77	69	115	65	79	54	37	129	197	822
178	Deltona-Daytona Beach-Ormond Beach, FL [19660]	164	161	192	141	175	151	62	145	175	1366
22	Denver-Aurora, CO [19740]	20	21	55	14	104	17	38	84	4	357
92	Des Moines-West Des Moines, IA [19780]	99	76	102	84	139	120	39	9	173	841
9	Detroit-Warren-Livonia, MI [19820]	8	10	50	13	50	7	3	6	125	272
180	Dover, DE [20100]	233	234	202	62	3	232	62	186	156	1370
181	Duluth, MN-WI [20260]	204	204	184	194	166	188	62	79	90	1371
23	Durham, NC [20500]	16	16	3	29	25	29	62	182	2	364
167	Eau Claire, WI [20740]	180	180	125	195	156	175	62	93	110	1276
250	El Centro, CA [20940]	250	250	248	249	247	250	62	247	229	2032
210	El Paso, TX [21340]	183	184	239	193	177	181	62	203	215	1637
97	Elkhart-Goshen, IN [21140]	132	122	52	98	22	113	62	132	164	897
127	Erie, PA [21500]	142	150	111	157	61	155	40	112	140	1068
112	Eugene-Springfield, OR [21660]	141	143	134	117	85	143	62	63	92	980
170	Evansville, IN-KY [21780]	140	140	106	190	223	160	62	172	107	1300
151	Fargo, ND-MN [22020]	162	164	108	160	125	176	62	30	207	1194
227	Fayetteville, NC [22180]	220	219	229	214	206	209	62	157	227	1743
161	Fayetteville-Springdale-Rogers, AR-MO [22220]	160	176	173	136	190	150	62	89	116	1252
138	Flint, MI [22420]	91	77	83	168	155	87	62	240	153	1116
202	Florence, SC [22500]	185	197	158	224	213	203	62	178	157	1577
44	Fort Collins-Loveland, CO [22660]	31	34	9	57	33	57	62	225	33	541
220	Fort Smith, AR-OK [22900]	226	232	225	225	236	231	62	111	163	1711
102	Fort Wayne, IN [23060]	98	110	90	93	129	96	62	92	154	924
179	Fresno, CA [23420]	175	174	230	146	161	178	62	136	104	1366
70	Gainesville, FL [23540]	97	115	47	118	92	124	62	59	37	751
168	Gainesville, GA [23580]	166	147	101	161	152	139	62	232	123	1283
55	Grand Rapids-Wyoming, MI [24340]	70	74	129	54	52	65	41	19	136	640
31	Greeley, CO [24540]	27	28	5	41	14	49	62	206	15	447
150	Green Bay, WI [24580]	161	165	153	102	60	154	62	91	243	1191

75	Greensboro-High Point, NC [24660]	84	90	112	67	83	76	62	104	88	766
185	Greenville, NC [24780]	206	209	161	188	126	201	62	39	206	1398
51	Greenville-Mauldin-Easley, SC [24860]	60	63	59	82	108	52	24	113	20	581
242	Gulfport-Biloxi, MS [25060]	216	203	227	243	249	212	62	250	209	1871
203	Hagerstown-Martinsburg, MD-WV [25180]	192	183	178	210	167	189	62	249	150	1580
122	Harrisburg-Carlisle, PA [25420]	103	100	110	125	148	127	42	168	117	1040
15	Hartford-West Hartford-East Hartford, CT [25540]	33	36	41	43	41	25	25	55	10	309
126	Hickory-Lenoir-Morganton, NC [25860]	133	130	119	127	165	142	62	52	129	1059
213	Houma-Bayou Cane-Thibodaux, LA [26380]	214	212	198	212	224	234	62	119	168	1643
7	Houston-Sugar Land-Baytown, TX [26420]	10	12	74	10	62	12	5	2	12	199
225	Huntington-Ashland, WV-KY-OH [26580]	221	225	233	213	198	223	62	114	244	1733
65	Huntsville, AL [26620]	89	104	72	87	44	111	62	70	75	714
28	Indianapolis-Carmel, IN [26900]	29	35	64	33	120	31	26	69	14	421
77	Iowa City, IA [26980]	88	87	16	129	80	119	43	190	16	768
164	Jackson, MI [27100]	168	159	97	184	102	168	62	233	87	1260
215	Jackson, MS [27140]	191	198	226	191	235	187	62	171	194	1655
115	Jacksonville, FL [27260]	105	118	188	81	195	93	62	45	111	998
249	Jacksonville, NC [27340]	249	249	247	250	250	249	62	231	190	1977
146	Janesville, WI [27500]	169	138	80	144	39	133	62	205	183	1153
147	Johnson City, TN [27740]	151	149	67	175	101	162	62	179	119	1165
190	Joplin, MO [27900]	205	215	164	201	134	221	62	72	176	1450
68	Kalamazoo-Portage, MI [28020]	87	101	54	99	63	88	62	135	45	734
43	Kansas City, MO-KS [28140]	37	44	93	32	94	48	62	10	114	534
118	Kennewick-Richland-Pasco, WA [28420]	120	153	68	169	82	157	62	53	148	1012
230	Killeen-Temple-Fort Hood, TX [28660]	218	216	234	215	208	213	62	194	213	1773
137	Kingsport-Bristol-Bristol, TN-VA [28700]	129	135	87	149	81	144	62	148	178	1113
152	Kingston, NY [28740]	121	89	40	181	131	128	62	234	210	1196
59	Knoxville, TN [28940]	78	92	105	73	65	60	62	18	101	654
139	Lafayette, LA [29180]	156	160	169	131	140	185	62	37	85	1125
247	Lake Charles, LA [29340]	237	240	238	242	240	240	62	220	228	1947
233	Lake Havasu City-Kingman, AZ [29420]	242	243	242	246	222	241	62	42	241	1781
166	Lakeland, FL [29460]	158	163	196	148	171	125	62	201	48	1272
108	Lancaster, PA [29540]	110	97	113	110	142	79	62	174	71	958

129	Lansing-East Lansing, MI [29620]	113	119	130	113	133	98	62	160	161	1089
41	Laredo, TX [29700]	67	71	19	59	1	89	62	151	13	532
171	Las Cruces, NM [29740]	170	172	135	176	68	146	62	193	179	1301
45	Las Vegas-Paradise, NV [29820]	73	64	167	24	24	77	44	25	43	541
87	Lexington-Fayette, KY [30460]	69	83	48	96	174	81	45	48	171	815
162	Lincoln, NE [30700]	152	158	131	137	154	171	62	127	160	1252
182	Little Rock-North Little Rock-Conway, AR [30780]	153	169	194	114	216	167	62	62	237	1374
198	Longview, TX [30980]	209	206	187	185	138	215	62	200	142	1544
82	Louisville/Jefferson County, KY-IN [31140]	72	93	140	70	179	64	62	38	76	794
184	Lubbock, TX [31180]	196	208	205	186	158	196	62	46	135	1392
189	Lynchburg, VA [31340]	172	182	150	189	204	177	62	161	152	1449
209	Macon, GA [31420]	217	213	203	211	230	206	62	192	102	1636
34	Madison, WI [31540]	50	56	26	51	40	46	62	51	81	463
52	Manchester-Nashua, NH [31700]	55	49	22	60	5	53	62	210	67	583
245	McAllen-Edinburg-Mission, TX [32580]	236	238	250	233	242	235	62	191	196	1883
172	Medford, OR [32780]	190	195	162	172	137	179	62	73	137	1307
100	Memphis, TN-MS-AR [32820]	81	75	142	77	113	102	62	87	165	904
231	Merced, CA [32900]	231	221	224	238	200	216	62	226	155	1773
46	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	28	29	168	15	163	22	62	26	30	543
160	Midland, TX [33260]	195	194	148	174	93	207	62	36	134	1243
27	Milwaukee-Waukesha-West Allis, WI [33340]	34	42	75	25	30	24	27	28	130	415
14	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	19	17	58	17	89	9	10	7	82	308
211	Mobile, AL [33660]	199	200	219	205	186	190	62	163	216	1640
71	Modesto, CA [33700]	75	57	53	92	34	74	62	242	63	752
234	Monroe, LA [33740]	238	241	223	241	245	239	62	100	202	1791
214	Montgomery, AL [33860]	211	222	218	197	194	227	62	97	220	1648
165	Muskegon-Norton Shores, MI [34740]	182	178	141	165	45	183	62	101	211	1268
224	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	225	227	241	239	248	224	62	60	205	1731
155	Naples-Marco Island, FL [34940]	163	157	151	120	202	136	62	167	57	1215
84	Nashville-Davidson--Murfreesboro--Franklin, TN [34980]	71	84	163	56	172	58	62	95	39	800
48	New Haven-Milford, CT [35300]	46	40	39	46	17	43	62	170	93	556
134	New Orleans-Metairie-Kenner, LA [35380]	116	126	200	91	193	117	62	98	105	1108
19	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	3	3	86	1	73	2	2	3	159	332

144	Niles-Benton Harbor, MI [35660]	159	142	49	199	110	165	62	212	40	1138
123	Norwich-New London, CT [35980]	109	99	63	170	106	130	62	244	70	1053
194	Ocala, FL [36100]	203	187	201	202	228	195	62	131	115	1524
140	Ogden-Clearfield, UT [36260]	117	112	143	103	146	95	46	208	158	1128
132	Oklahoma City, OK [36420]	106	108	189	79	201	100	62	16	231	1092
206	Olympia, WA [36500]	184	171	160	226	239	199	62	230	132	1603
81	Omaha-Council Bluffs, NE-IA [36540]	82	94	133	68	150	78	62	71	54	792
67	Orlando-Kissimmee, FL [36740]	52	58	138	45	169	50	62	117	41	732
88	Oshkosh-Neenah, WI [36780]	68	73	11	105	27	99	47	141	246	817
24	Oxnard-Thousand Oaks-Ventura, CA [37100]	35	32	27	28	16	30	48	76	77	369
37	Palm Bay-Melbourne-Titusville, FL [37340]	54	55	34	48	20	55	62	124	22	474
226	Panama City-Lynn Haven, FL [37460]	189	207	174	244	246	193	62	238	187	1740
196	Pensacola-Ferry Pass-Brent, FL [37860]	188	185	212	198	227	182	62	96	182	1532
69	Peoria, IL [37900]	65	85	23	152	136	103	28	56	86	734
6	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	9	9	70	6	28	4	7	23	28	184
17	Phoenix-Mesa-Scottsdale, AZ [38060]	14	13	65	16	46	8	62	68	31	323
32	Pittsburgh, PA [38300]	26	37	77	27	97	21	11	41	120	457
105	Port St. Lucie, FL [38940]	127	113	132	94	170	108	62	108	21	935
111	Portland-South Portland-Biddeford, ME [38860]	111	111	114	88	98	101	62	120	169	974
20	Portland-Vancouver-Beaverton, OR-WA [38900]	17	15	31	19	90	20	62	31	51	336
201	Prescott, AZ [39140]	197	191	181	203	181	186	62	177	192	1570
38	Providence-New Bedford-Fall River, RI-MA [39300]	45	46	104	34	32	41	49	105	36	492
35	Provo-Orem, UT [39340]	66	62	44	52	43	67	50	77	11	472
240	Pueblo, CO [39380]	241	242	232	235	178	237	62	184	230	1841
236	Punta Gorda, FL [39460]	224	214	191	220	229	204	62	215	245	1804
95	Racine, WI [39540]	101	88	24	111	21	70	62	219	172	868
26	Raleigh-Cary, NC [39580]	18	19	13	31	51	27	51	183	9	402
116	Reading, PA [39740]	104	81	88	132	124	73	62	248	94	1006
229	Redding, CA [39820]	229	224	207	234	188	220	62	227	174	1765
33	Reno-Sparks, NV [39900]	83	67	42	39	13	92	52	20	53	461
86	Richmond, VA [40060]	62	65	123	61	180	51	53	125	91	811
74	Riverside-San Bernardino-Ontario, CA [40140]	42	43	179	35	103	19	54	147	143	765
163	Roanoke, VA [40220]	149	154	128	145	220	152	62	138	106	1254

107	Rochester, MN [40340]	56	51	7	180	162	134	62	236	68	956
16	Rochester, NY [40380]	22	23	20	42	48	39	8	64	44	310
99	Rockford, IL [40420]	119	121	94	121	111	90	55	128	64	903
72	Sacramento--Arden-Arcade--Roseville, CA [40900]	39	39	124	53	128	44	62	204	62	755
103	Saginaw-Saginaw Township North, MI [40980]	137	133	71	162	54	132	62	94	79	924
188	Salem, OR [41420]	155	132	156	171	153	123	62	228	233	1413
141	Salinas, CA [41500]	148	125	147	109	42	131	62	202	162	1128
218	Salisbury, MD [41540]	240	235	243	227	160	242	62	81	177	1667
18	Salt Lake City, UT [41620]	47	52	62	30	31	45	17	33	7	324
76	San Antonio, TX [41700]	57	61	149	50	151	61	56	150	32	767
1	San Diego-Carlsbad-San Marcos, CA [41740]	7	6	18	8	12	14	18	12	3	98
2	San Francisco-Oakland-Fremont, CA [41860]	2	2	8	3	7	5	6	74	5	112
3	San Jose-Sunnyvale-Santa Clara, CA [41940]	1	1	1	2	2	16	1	15	78	117
124	San Luis Obispo-Paso Robles, CA [42020]	138	134	118	122	66	118	62	146	149	1053
39	Santa Cruz-Watsonville, CA [42100]	32	22	4	58	8	59	62	241	8	494
56	Santa Rosa-Petaluma, CA [42220]	79	66	60	72	29	62	62	169	49	648
193	Savannah, GA [42340]	201	211	210	177	164	202	62	90	191	1508
197	Scranton--Wilkes-Barre, PA [42540]	178	167	208	173	214	166	62	143	232	1543
4	Seattle-Tacoma-Bellevue, WA [42660]	5	5	12	12	36	11	19	17	1	118
195	Shreveport-Bossier City, LA [43340]	200	205	214	182	211	205	62	65	180	1524
208	Sioux City, IA-NE-SD [43580]	222	217	204	221	187	217	62	82	217	1629
159	Sioux Falls, SD [43620]	186	189	154	178	226	197	62	21	29	1242
80	South Bend-Mishawaka, IN-MI [43780]	107	107	66	83	26	85	62	109	144	789
106	Spartanburg, SC [43900]	112	106	69	128	56	107	62	175	122	937
104	Spokane, WA [44060]	135	141	152	107	95	140	62	13	89	934
200	Springfield, IL [44100]	202	188	180	209	217	210	62	103	195	1566
114	Springfield, MA [44140]	100	91	127	97	91	71	62	223	133	995
173	Springfield, MO [44180]	187	192	211	150	185	184	62	27	139	1337
222	St. Cloud, MN [41060]	207	199	177	222	237	191	62	237	186	1718
79	St. Louis, MO-IL [41180]	59	59	172	47	189	42	62	80	61	771
85	State College, PA [44300]	122	146	38	142	18	158	62	57	60	803
154	Stockton, CA [44700]	130	116	165	130	112	110	62	235	146	1206
83	Syracuse, NY [45060]	86	80	99	85	84	72	62	102	128	798

142	Tallahassee, FL [45220]	143	156	137	154	210	137	62	50	84	1133
58	Tampa-St. Petersburg-Clearwater, FL [45300]	48	54	155	36	157	37	62	78	26	653
241	Terre Haute, IN [45460]	227	231	209	236	232	233	62	217	218	1865
66	Toledo, OH [45780]	95	105	117	75	49	80	57	40	108	726
145	Topeka, KS [45820]	144	152	78	135	118	163	62	189	99	1140
54	Trenton-Ewing, NJ [45940]	58	45	21	49	6	82	58	213	97	629
57	Tucson, AZ [46060]	44	48	46	64	53	63	62	198	72	650
60	Tulsa, OK [46140]	74	79	122	66	132	66	20	32	69	660
217	Tuscaloosa, AL [46220]	228	230	206	216	225	226	62	115	151	1659
174	Tyler, TX [46340]	193	190	157	167	100	194	62	221	59	1343
177	Utica-Rome, NY [46540]	181	186	183	153	70	172	62	110	247	1364
101	Vallejo-Fairfield, CA [46700]	94	86	76	139	86	97	62	245	35	920
237	Vineland-Millville-Bridgeton, NJ [47220]	243	237	237	230	121	244	62	196	238	1808
121	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	85	103	186	80	182	75	62	85	170	1028
199	Visalia-Porterville, CA [47300]	212	218	235	187	135	211	62	99	198	1557
207	Waco, TX [47380]	230	233	222	208	127	230	62	107	189	1608
248	Warner Robins, GA [47580]	246	247	246	245	215	245	62	246	224	1976
8	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	13	14	85	7	69	13	29	14	27	271
175	Waterloo-Cedar Falls, IA [47940]	167	181	121	192	149	198	62	61	212	1343
110	Wichita, KS [48620]	114	124	145	106	144	115	62	24	138	972
143	Wilmington, NC [48900]	157	170	126	155	209	169	59	54	38	1137
98	Winston-Salem, NC [49180]	102	109	120	86	78	86	62	154	100	897
49	Worcester, MA [49340]	36	31	33	55	19	38	62	239	52	565
232	Yakima, WA [49420]	239	236	240	228	168	236	62	130	234	1773
113	York-Hanover, PA [49620]	108	95	95	123	115	104	62	176	113	991
158	Youngstown-Warren-Boardman, OH-PA [49660]	146	139	171	115	122	105	60	140	239	1237
109	Yuba City, CA [49700]	131	123	57	108	11	106	61	224	147	968
243	Yuma, AZ [49740]	244	245	244	247	218	248	62	164	203	1875

INVENTORS:

Rank	Metro Region	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	Trend	Trend Rank
248	Abilene, TX [10180]	2	7	5	7	2	7	6	4	5	10	43	0.33	237
43	Akron, OH [10420]	627	734	683	667	671	811	821	853	997	887	4100	34.14	61
245	Albany, GA [10500]	8	4	5	4	4	12	5	5	14	9	51	0.55	232
41	Albany-Schenectady-Troy, NY [10580]	635	798	777	743	751	1023	975	1014	1130	1372	4596	67.33	36
61	Albuquerque, NM [10740]	312	400	335	359	387	490	489	554	597	563	2746	31.67	63
51	Allentown-Bethlehem-Easton, PA-NJ [10900]	507	621	579	602	672	747	713	805	849	898	3758	40.32	53
223	Amarillo, TX [11100]	12	23	26	15	25	24	20	13	27	27	158	0.68	230
194	Anchorage, AK [11260]	32	31	14	21	31	30	26	29	67	46	262	2.83	178
25	Ann Arbor, MI [11460]	947	1008	945	977	953	1201	1183	1425	1644	1781	6921	92.27	23
63	Appleton, WI [11540]	529	538	490	460	433	563	585	500	514	536	2580	2.73	182
154	Asheville, NC [11700]	100	96	70	62	73	80	90	91	111	99	579	1.77	194
165	Athens-Clarke County, GA [12020]	57	55	57	46	64	93	94	87	83	111	495	6.09	142
15	Atlanta-Sandy Springs-Marietta, GA [12060]	1670	2034	1881	1853	1960	2621	2736	2798	3401	3642	14061	213.41	13
219	Atlantic City, NJ [12100]	17	25	22	28	21	31	17	29	24	22	160	0.30	238
171	Augusta-Richmond County, GA-SC [12260]	42	49	66	76	56	100	60	81	78	76	460	3.52	169
12	Austin-Round Rock, TX [12420]	2456	2763	2750	2917	3292	3914	3931	3981	4459	4645	17054	250.86	9
136	Bakersfield, CA [12540]	101	78	89	107	104	102	130	137	134	150	736	6.91	135
24	Baltimore-Towson, MD [12580]	1016	1174	1029	1002	1047	1353	1297	1398	1479	1659	7490	66.41	38
179	Barnstable Town, MA [12700]	48	64	59	54	48	55	75	72	64	108	365	4.09	163
124	Baton Rouge, LA [12940]	132	137	141	141	118	116	140	157	162	180	860	4.13	162
208	Beaumont-Port Arthur, TX [13140]	21	32	25	27	21	39	33	32	28	39	207	1.24	205
177	Bellingham, WA [13380]	42	58	60	54	43	52	54	59	71	79	379	2.59	185
176	Bend, OR [13460]	50	59	45	48	64	70	92	75	112	120	397	7.81	127
235	Billings, MT [13740]	3	19	6	17	6	19	7	13	16	16	90	0.69	229
96	Binghamton, NY [13780]	286	344	290	247	198	264	233	270	237	206	1369	-9.36	249
118	Birmingham-Hoover, AL [13820]	132	127	113	99	128	151	144	158	172	187	905	7.23	130
115	Blacksburg-Christiansburg-Radford, VA [13980]	160	185	140	148	133	176	184	179	224	256	1056	8.99	119

139	Bloomington, IN [14020]	70	82	63	56	89	159	131	185	225	212	701	19.30	78
49	Boise City-Nampa, ID [14260]	1025	1129	977	870	798	867	844	790	877	948	3874	-20.61	250
4	Boston-Cambridge-Quincy, MA-NH [14460]	5110	6175	5624	5896	6075	8076	8304	9093	10535	11452	39956	691.93	5
21	Boulder, CO [14500]	1359	1627	1431	1377	1428	1711	1680	1766	2150	2391	9445	95.85	22
232	Bowling Green, KY [14540]	19	18	19	13	20	25	31	23	19	16	119	0.36	236
134	Bremerton-Silverdale, WA [14740]	76	101	109	89	118	134	144	157	180	218	767	13.65	89
38	Bridgeport-Stamford-Norwalk, CT [14860]	795	851	788	778	831	1020	998	1016	1088	1111	4728	39.35	56
247	Brownsville-Harlingen, TX [15180]	7	3	3	7	3	5	9	6	10	12	46	0.71	227
80	Buffalo-Niagara Falls, NY [15380]	270	312	251	214	266	314	326	366	363	367	1804	13.27	92
173	Burlington, NC [15500]	55	63	42	52	60	84	106	91	87	97	438	5.92	144
64	Burlington-South Burlington, VT [15540]	475	582	608	544	593	695	594	579	614	622	2572	10.02	106
92	Canton-Massillon, OH [15940]	230	304	301	291	296	305	316	298	369	302	1396	7.10	132
126	Cape Coral-Fort Myers, FL [15980]	79	116	89	70	88	110	113	148	175	177	827	10.55	103
93	Cedar Rapids, IA [16300]	169	198	216	201	258	262	326	285	358	413	1394	24.48	72
90	Champaign-Urbana, IL [16580]	119	178	175	163	207	271	296	280	321	362	1443	25.31	71
198	Charleston, WV [16620]	30	35	29	26	47	36	43	63	70	67	239	4.78	156
150	Charleston-North Charleston, SC [16700]	61	74	61	55	74	94	98	116	145	145	590	10.16	105
53	Charlotte-Gastonia-Concord, NC-SC [16740]	283	320	327	322	370	556	571	813	965	907	3522	81.78	28
128	Charlottesville, VA [16820]	79	108	119	122	89	161	140	149	183	209	817	11.95	99
145	Chattanooga, TN-GA [16860]	122	85	75	87	76	87	87	109	104	127	669	2.18	191
6	Chicago-Naperville-Joliet, IL-IN-WI [16980]	3970	4493	4123	3878	4034	5132	5198	5726	6239	6915	27497	313.94	7
215	Chico, CA [17020]	10	22	19	17	20	33	19	36	33	30	168	2.19	190
23	Cincinnati-Middletown, OH-KY-IN [17140]	1381	1508	1326	1213	1338	1755	1716	1778	1889	1907	8192	70.22	32
234	Clarksville, TN-KY [17300]	11	9	8	12	19	20	26	21	19	17	108	1.41	202
30	Cleveland-Elyria-Mentor, OH [17460]	808	929	875	877	863	1113	1105	1200	1369	1439	5992	68.59	35
147	College Station-Bryan, TX [17780]	96	108	104	85	69	89	97	121	132	129	658	3.67	168
76	Colorado Springs, CO [17820]	348	354	317	320	288	320	315	359	348	430	1982	5.59	148
174	Columbia, MO [17860]	34	53	35	23	44	58	89	106	85	108	400	8.83	120
125	Columbia, SC [17900]	77	113	70	89	96	114	142	149	186	182	833	12.29	96
213	Columbus, GA-AL [17980]	27	16	15	18	18	24	25	23	33	27	175	1.13	212
40	Columbus, OH [18140]	497	579	518	544	634	859	897	986	1069	1038	4604	72.26	31
210	Corpus Christi, TX [18580]	24	24	23	27	29	26	26	30	36	35	200	1.28	204
11	Dallas-Fort Worth-Arlington, TX [19100]	2439	2959	2589	2506	2573	3319	3300	3566	4089	4446	18038	205.98	14

123	Davenport-Moline-Rock Island, IA-IL [19340]	129	127	105	108	121	175	182	162	162	148	861	5.92	143
77	Dayton, OH [19380]	315	347	282	279	311	323	324	349	357	400	1982	7.98	125
164	Deltona-Daytona Beach-Ormond Beach, FL [19660]	65	55	69	53	69	64	72	88	90	116	503	5.16	151
20	Denver-Aurora, CO [19740]	1157	1365	1235	1223	1268	1745	1856	2052	2431	2651	10032	165.87	17
99	Des Moines-West Des Moines, IA [19780]	186	208	230	178	214	257	322	270	312	358	1315	17.88	79
8	Detroit-Warren-Livonia, MI [19820]	2931	3142	2809	2681	2719	3330	3218	3631	4124	4398	19185	160.05	18
233	Dover, DE [20100]	12	18	7	11	14	14	30	14	30	15	118	1.23	206
204	Duluth, MN-WI [20260]	24	21	37	27	31	33	50	59	52	51	216	3.88	167
16	Durham, NC [20500]	1634	2054	1951	2172	2398	2935	3112	3031	3291	3652	13601	215.62	12
180	Eau Claire, WI [20740]	70	48	35	48	37	62	51	59	84	81	356	3.06	176
250	El Centro, CA [20940]	3	3	1	1	2	6	3	4	3	8	25	0.42	234
183	El Paso, TX [21340]	50	57	55	40	34	35	42	54	51	60	320	0.30	239
132	Elkhart-Goshen, IN [21140]	124	113	128	83	105	146	160	164	165	179	787	7.95	126
142	Erie, PA [21500]	119	136	108	85	95	97	138	117	151	136	682	2.81	180
141	Eugene-Springfield, OR [21660]	92	107	117	90	106	129	112	108	139	152	689	4.90	153
140	Evansville, IN-KY [21780]	88	101	94	88	108	142	149	150	143	173	700	9.43	115
162	Fargo, ND-MN [22020]	41	47	45	62	68	103	115	72	120	114	520	9.07	117
220	Fayetteville, NC [22180]	31	16	15	19	20	28	26	25	29	27	159	0.81	223
160	Fayetteville-Springdale-Rogers, AR-MO [22220]	50	59	64	49	66	60	96	94	118	125	531	8.32	123
91	Flint, MI [22420]	229	246	222	183	215	226	232	233	274	290	1404	5.81	147
185	Florence, SC [22500]	46	64	54	31	35	43	26	57	66	65	304	1.17	210
31	Fort Collins-Loveland, CO [22660]	901	1076	920	805	847	959	883	881	1078	1164	5369	15.35	86
226	Fort Smith, AR-OK [22900]	13	26	7	10	17	17	23	21	20	35	136	1.61	198
98	Fort Wayne, IN [23060]	211	209	206	159	168	238	208	251	236	259	1344	6.44	141
175	Fresno, CA [23420]	48	55	47	42	43	58	69	65	76	90	400	4.31	161
97	Gainesville, FL [23540]	180	209	163	152	192	186	204	226	317	328	1369	15.47	84
166	Gainesville, GA [23580]	70	65	62	49	75	86	73	97	107	116	487	5.85	145
70	Grand Rapids-Wyoming, MI [24340]	306	306	253	272	300	343	365	361	415	452	2060	17.81	80
27	Greeley, CO [24540]	1073	1279	1076	953	1000	1164	1134	1143	1327	1474	6602	30.22	67
161	Green Bay, WI [24580]	83	106	64	80	75	89	76	77	81	103	523	0.44	233
84	Greensboro-High Point, NC [24660]	183	229	194	198	220	308	306	333	365	343	1627	21.21	76
206	Greenville, NC [24780]	9	30	19	25	23	33	53	31	48	41	210	3.44	171
60	Greenville-Mauldin-Easley, SC [24860]	291	361	323	284	376	434	585	738	686	797	2891	59.79	42

216	Gulfport-Biloxi, MS [25060]	12	19	20	25	22	29	33	23	31	29	167	1.72	197
192	Hagerstown-Martinsburg, MD-WV [25180]	31	34	32	34	44	38	49	45	51	58	274	2.82	179
103	Harrisburg-Carlisle, PA [25420]	191	227	197	172	184	252	239	274	249	276	1218	9.53	112
33	Hartford-West Hartford-East Hartford, CT [25540]	735	901	711	723	808	957	1047	1249	1308	1481	5294	81.05	29
133	Hickory-Lenoir-Morganton, NC [25860]	140	105	135	133	101	149	103	147	174	204	772	6.53	140
214	Houma-Bayou Cane-Thibodaux, LA [26380]	21	31	28	16	30	24	19	31	34	33	172	0.89	216
10	Houston-Sugar Land-Baytown, TX [26420]	2280	2796	2757	2776	2834	3518	3563	3773	4425	4923	18335	262.52	8
221	Huntington-Ashland, WV-KY-OH [26580]	17	20	20	30	16	30	19	34	27	19	159	0.72	226
89	Huntsville, AL [26620]	192	205	187	199	177	272	230	273	334	321	1447	16.25	83
29	Indianapolis-Carmel, IN [26900]	885	1018	948	869	997	1267	1257	1367	1510	1697	6511	86.55	26
88	Iowa City, IA [26980]	179	206	232	225	266	290	334	311	337	407	1502	22.52	73
168	Jackson, MI [27100]	80	66	62	61	47	77	73	78	104	92	477	3.15	175
191	Jackson, MS [27140]	42	29	33	21	29	34	46	46	42	58	281	2.30	189
105	Jacksonville, FL [27260]	168	167	156	127	121	218	186	219	241	284	1192	13.04	93
249	Jacksonville, NC [27340]	2	2	4	3	2	0	7	3	6	10	38	0.64	231
169	Janesville, WI [27500]	53	63	60	77	78	96	99	97	100	96	474	5.55	149
151	Johnson City, TN [27740]	80	79	100	100	105	112	163	137	138	166	585	9.50	113
205	Joplin, MO [27900]	23	29	24	16	26	33	29	29	60	50	212	3.22	174
87	Kalamazoo-Portage, MI [28020]	234	268	197	209	194	230	273	258	284	301	1515	7.56	128
37	Kansas City, MO-KS [28140]	429	541	570	562	607	839	953	1202	1327	1278	4774	107.32	21
120	Kennewick-Richland-Pasco, WA [28420]	159	184	121	123	116	169	175	175	190	232	899	7.14	131
218	Killeen-Temple-Fort Hood, TX [28660]	18	27	19	16	15	22	19	31	18	45	164	1.55	200
129	Kingsport-Bristol-Bristol, TN-VA [28700]	132	109	153	118	124	139	199	158	180	211	802	9.04	118
121	Kingston, NY [28740]	138	166	144	122	174	195	181	168	184	183	868	5.15	152
78	Knoxville, TN [28940]	217	247	267	247	265	402	352	356	414	520	1968	29.05	68
156	Lafayette, LA [29180]	69	77	78	75	82	80	99	109	82	147	562	5.83	146
237	Lake Charles, LA [29340]	7	15	8	15	17	6	13	16	16	8	84	0.24	242
242	Lake Havasu City-Kingman, AZ [29420]	4	7	14	5	8	13	13	7	7	10	66	0.29	240
158	Lakeland, FL [29460]	58	62	63	55	55	57	75	102	102	99	540	5.49	150
110	Lancaster, PA [29540]	184	209	163	154	166	211	226	241	257	235	1126	8.76	121
113	Lansing-East Lansing, MI [29620]	130	151	139	153	167	165	163	163	187	211	1067	6.84	136
67	Laredo, TX [29700]	199	236	229	225	228	353	393	495	566	656	2225	50.80	44
170	Las Cruces, NM [29740]	66	81	76	56	51	59	69	81	82	81	474	1.30	203

73	Las Vegas-Paradise, NV [29820]	229	213	236	214	218	313	338	447	548	582	2030	42.69	51
69	Lexington-Fayette, KY [30460]	330	359	400	401	377	510	429	466	395	424	2143	9.97	107
152	Lincoln, NE [30700]	87	90	73	83	89	87	106	132	132	135	585	6.59	139
153	Little Rock-North Little Rock-Conway, AR [30780]	78	80	67	69	68	108	102	103	89	119	583	4.55	157
209	Longview, TX [30980]	26	23	27	32	20	32	33	28	40	50	207	2.15	192
72	Louisville/Jefferson County, KY-IN [31140]	203	226	208	210	203	356	319	405	434	513	2033	34.61	59
196	Lubbock, TX [31180]	35	38	29	26	25	25	22	33	41	53	243	1.16	211
172	Lynchburg, VA [31340]	48	38	77	56	49	56	59	64	98	95	442	4.81	155
217	Macon, GA [31420]	27	21	32	22	24	22	18	20	30	50	167	1.19	209
50	Madison, WI [31540]	444	577	503	524	599	805	764	763	857	931	3853	51.93	43
55	Manchester-Nashua, NH [31700]	402	453	453	448	490	614	658	610	710	833	3161	43.74	50
236	McAllen-Edinburg-Mission, TX [32580]	6	13	8	7	10	8	6	17	11	20	89	0.92	215
190	Medford, OR [32780]	24	32	32	28	25	47	24	56	48	70	288	3.98	165
81	Memphis, TN-MS-AR [32820]	172	242	269	182	291	383	418	423	456	460	1801	34.30	60
231	Merced, CA [32900]	20	17	14	13	13	12	19	20	23	32	125	1.19	208
28	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	803	949	871	812	837	989	1138	1277	1382	1545	6576	77.99	30
195	Midland, TX [33260]	26	29	36	20	36	40	48	35	40	68	244	3.26	173
34	Milwaukee-Waukesha-West Allis, WI [33340]	724	907	799	777	818	984	922	972	1105	1100	5180	37.79	57
19	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	1564	1862	1717	1700	1660	2236	2441	2507	2966	3174	11456	175.56	16
199	Mobile, AL [33660]	24	43	35	22	33	37	23	33	50	35	237	0.88	217
75	Modesto, CA [33700]	264	323	303	307	288	343	387	383	467	549	2023	25.87	70
238	Monroe, LA [33740]	12	10	5	13	5	14	12	17	16	15	82	0.82	222
211	Montgomery, AL [33860]	29	32	22	29	15	30	23	23	44	42	195	1.23	207
182	Muskegon-Norton Shores, MI [34740]	57	52	55	44	48	39	64	48	47	75	323	0.87	219
225	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	19	25	20	12	24	18	21	20	25	24	141	0.40	235
163	Naples-Marco Island, FL [34940]	49	76	60	43	61	64	83	98	115	118	508	7.32	129
71	Nashville-Davidson--Murfreesboro--Franklin, TN [34980]	193	239	189	221	241	368	390	358	416	471	2047	31.64	64
46	New Haven-Milford, CT [35300]	691	744	644	621	657	830	808	812	923	971	3936	32.41	62
116	New Orleans-Metairie-Kenner, LA [35380]	98	160	132	132	124	155	152	151	189	180	978	6.83	137
3	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	6415	7859	7242	7540	7797	10182	10089	11083	12798	13569	49602	776.95	4
159	Niles-Benton Harbor, MI [35660]	40	57	68	59	84	104	135	146	159	173	540	15.45	85
109	Norwich-New London, CT [35980]	241	262	212	154	175	175	169	210	215	237	1131	-2.00	248

203	Ocala, FL [36100]	26	25	32	14	24	30	27	45	60	60	221	4.01	164
117	Ogden-Clearfield, UT [36260]	120	161	134	137	117	185	197	186	219	195	967	9.63	111
106	Oklahoma City, OK [36420]	164	202	185	177	162	179	207	205	206	217	1191	4.32	160
184	Olympia, WA [36500]	36	46	49	54	33	58	60	50	74	73	306	3.50	170
82	Omaha-Council Bluffs, NE-IA [36540]	200	235	209	259	238	250	285	331	354	421	1732	21.35	75
52	Orlando-Kissimmee, FL [36740]	394	488	500	493	517	649	630	756	786	849	3737	48.51	47
68	Oshkosh-Neenah, WI [36780]	482	472	448	389	368	492	529	443	459	490	2208	3.03	177
35	Oxnard-Thousand Oaks-Ventura, CA [37100]	688	819	762	718	785	957	1057	1104	1140	1246	5016	61.62	41
54	Palm Bay-Melbourne-Titusville, FL [37340]	477	527	586	466	484	579	532	659	712	827	3513	30.93	65
189	Panama City-Lynn Haven, FL [37460]	68	51	50	20	27	28	21	52	45	41	295	-1.64	247
188	Pensacola-Ferry Pass-Brent, FL [37860]	41	33	46	34	31	41	60	52	41	51	300	1.60	199
65	Peoria, IL [37900]	257	280	305	361	364	455	559	511	515	630	2557	40.71	52
9	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	2532	3013	2859	2679	3043	3736	3622	3856	4418	4588	18641	223.31	11
14	Phoenix-Mesa-Scottsdale, AZ [38060]	2171	2579	2446	2397	2359	2921	2977	3174	3282	3555	15242	141.33	19
26	Pittsburgh, PA [38300]	849	1130	981	897	973	1268	1335	1414	1608	1637	6717	86.13	27
127	Port St. Lucie, FL [38940]	107	102	107	80	81	124	144	148	203	189	823	11.42	100
111	Portland-South Portland-Biddeford, ME [38860]	139	169	124	147	168	240	208	196	257	239	1123	12.92	95
17	Portland-Vancouver-Beaverton, OR-WA [38900]	1900	2402	2159	2276	2309	2527	2617	2716	3131	3407	12613	137.53	20
197	Prescott, AZ [39140]	29	34	28	33	27	28	30	44	45	50	242	2.05	193
45	Providence-New Bedford-Fall River, RI-MA [39300]	525	651	614	538	552	686	722	802	854	920	3944	40.01	54
66	Provo-Orem, UT [39340]	186	271	290	290	356	461	465	511	567	667	2407	49.31	45
241	Pueblo, CO [39380]	5	4	2	12	11	15	10	16	5	11	68	0.78	224
224	Punta Gorda, FL [39460]	24	12	16	14	15	28	20	26	30	17	144	0.87	218
101	Racine, WI [39540]	241	257	190	216	239	263	267	264	252	306	1307	6.65	138
18	Raleigh-Cary, NC [39580]	1447	1821	1749	1980	2182	2624	2775	2750	2982	3269	12443	196.10	15
104	Reading, PA [39740]	176	176	185	196	195	213	212	227	267	261	1203	10.17	104
229	Redding, CA [39820]	11	20	15	14	14	17	18	17	25	23	130	1.02	214
83	Reno-Sparks, NV [39900]	197	242	205	214	216	363	368	441	494	486	1678	37.30	58
62	Richmond, VA [40060]	335	341	347	371	366	515	472	480	555	555	2588	27.85	69
42	Riverside-San Bernardino-Ontario, CA [40140]	543	580	536	536	549	710	710	792	873	960	4173	47.07	49
149	Roanoke, VA [40220]	87	101	70	82	67	92	116	137	105	162	622	7.06	133
56	Rochester, MN [40340]	437	528	519	607	681	758	747	802	869	858	3145	49.02	46

22	Rochester, NY [40380]	1555	1713	1734	1522	1563	2014	1891	2015	2095	2187	8868	68.64	34
119	Rockford, IL [40420]	119	131	134	107	109	145	176	180	221	217	903	12.03	98
39	Sacramento--Arden-Arcade--Roseville, CA [40900]	656	760	692	689	648	814	796	856	975	1071	4696	39.68	55
137	Saginaw-Saginaw Township North, MI [40980]	112	108	114	96	106	119	133	121	145	147	728	4.44	159
155	Salem, OR [41420]	85	121	101	66	78	96	105	96	117	103	565	1.48	201
148	Salinas, CA [41500]	75	87	66	76	83	107	112	116	135	174	627	9.75	109
240	Salisbury, MD [41540]	5	11	8	19	14	8	21	21	14	15	76	1.07	213
47	Salt Lake City, UT [41620]	395	472	501	486	542	714	728	826	934	1026	3908	69.31	33
57	San Antonio, TX [41700]	269	323	316	303	301	487	538	683	735	870	3014	66.78	37
7	San Diego-Carlsbad-San Marcos, CA [41740]	2977	3562	3535	3518	3648	5028	5306	6152	7370	8215	25098	567.44	6
2	San Francisco-Oakland-Fremont, CA [41860]	6957	8734	8031	8371	9125	11859	12190	13628	16678	19653	57991	1285.14	2
1	San Jose-Sunnyvale-Santa Clara, CA [41940]	9943	12036	11186	11490	12163	15345	15766	16763	20002	23718	69684	1355.35	1
138	San Luis Obispo-Paso Robles, CA [42020]	97	107	80	102	88	106	110	107	125	145	707	4.45	158
32	Santa Cruz-Watsonville, CA [42100]	700	868	803	789	813	1036	1088	1165	1428	1613	5301	91.32	24
79	Santa Rosa-Petaluma, CA [42220]	301	381	287	259	314	365	352	361	383	429	1920	11.31	101
201	Savannah, GA [42340]	28	32	25	18	22	29	46	35	41	53	232	2.60	184
178	Scranton--Wilkes-Barre, PA [42540]	53	43	50	56	69	57	56	66	62	76	366	2.47	187
5	Seattle-Tacoma-Bellevue, WA [42660]	2910	4046	4611	5471	6922	8347	7945	8757	9858	11655	36499	902.82	3
200	Shreveport-Bossier City, LA [43340]	21	25	11	19	27	36	33	53	37	45	233	3.40	172
222	Sioux City, IA-NE-SD [43580]	34	35	15	24	24	22	17	21	24	21	159	-1.13	246
186	Sioux Falls, SD [43620]	27	22	30	12	24	33	56	51	92	94	302	8.12	124
107	South Bend-Mishawaka, IN-MI [43780]	189	188	190	142	153	185	206	243	230	279	1179	9.65	110
112	Spartanburg, SC [43900]	176	197	137	135	189	162	227	219	228	250	1114	9.35	116
135	Spokane, WA [44060]	91	126	87	74	82	134	125	141	182	168	757	9.45	114
202	Springfield, IL [44100]	22	22	33	30	32	48	29	26	41	54	223	2.42	188
100	Springfield, MA [44140]	143	235	178	153	187	209	226	267	269	279	1314	13.02	94
187	Springfield, MO [44180]	27	37	47	38	32	38	52	43	63	52	302	2.64	183
207	St. Cloud, MN [41060]	24	29	30	29	24	23	42	40	28	47	209	1.75	195
59	St. Louis, MO-IL [41180]	379	448	397	362	421	502	536	555	620	652	2894	30.63	66
122	State College, PA [44300]	71	99	101	113	84	149	124	165	184	210	863	13.72	88
130	Stockton, CA [44700]	88	123	98	103	93	133	156	132	176	185	800	9.78	108
86	Syracuse, NY [45060]	219	270	230	225	222	282	324	370	386	390	1568	20.65	77
143	Tallahassee, FL [45220]	87	84	66	54	54	115	85	130	159	131	675	8.45	122

48	Tampa-St. Petersburg-Clearwater, FL [45300]	375	456	400	429	387	604	694	712	799	991	3875	63.74	39
227	Terre Haute, IN [45460]	17	25	13	24	13	18	15	31	21	14	135	0.08	243
95	Toledo, OH [45780]	190	201	211	183	158	223	227	250	298	317	1371	13.42	91
144	Topeka, KS [45820]	57	55	72	57	79	121	112	155	137	189	674	14.45	87
58	Trenton-Ewing, NJ [45940]	364	487	458	473	445	614	576	645	793	841	2897	47.56	48
44	Tucson, AZ [46060]	484	603	582	634	656	841	931	882	934	1091	3999	62.76	40
74	Tulsa, OK [46140]	286	331	322	250	309	365	390	375	457	430	2026	17.69	81
228	Tuscaloosa, AL [46220]	16	12	15	11	8	20	21	31	20	42	132	2.50	186
193	Tyler, TX [46340]	33	16	36	38	40	34	44	61	68	66	269	4.84	154
181	Utica-Rome, NY [46540]	45	65	44	42	37	47	65	50	61	50	341	0.76	225
94	Vallejo-Fairfield, CA [46700]	182	240	194	183	193	236	240	266	291	328	1379	13.61	90
243	Vineland-Millville-Bridgeton, NJ [47220]	13	9	3	11	6	13	10	8	11	4	66	-0.23	245
85	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	174	196	176	199	200	294	223	302	276	322	1575	16.29	82
212	Visalia-Porterville, CA [47300]	18	19	22	15	20	32	23	28	30	34	177	1.74	196
230	Waco, TX [47380]	20	20	22	17	14	10	28	19	22	32	130	0.82	221
246	Warner Robins, GA [47580]	5	5	7	6	7	6	6	5	11	6	48	0.24	241
13	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	1774	2209	2031	2101	2221	3038	3149	3213	3654	4042	16717	244.84	10
167	Waterloo-Cedar Falls, IA [47940]	74	78	53	50	73	67	63	75	87	67	480	0.87	220
114	Wichita, KS [48620]	117	175	100	131	149	159	167	189	211	247	1064	12.03	97
157	Wilmington, NC [48900]	47	46	56	64	71	69	97	101	120	154	547	10.93	102
102	Winston-Salem, NC [49180]	149	149	167	138	172	248	209	273	315	326	1264	21.66	74
36	Worcester, MA [49340]	560	696	657	667	768	947	983	1068	1265	1365	4953	87.33	25
239	Yakima, WA [49420]	13	18	15	13	6	7	10	14	20	14	79	0.06	244
108	York-Hanover, PA [49620]	187	213	175	204	178	231	236	218	229	261	1151	6.92	134
146	Youngstown-Warren-Boardman, OH-PA [49660]	86	102	89	95	101	133	121	111	117	100	660	2.73	181
131	Yuba City, CA [49700]	102	121	113	100	91	146	100	128	152	136	795	3.96	166
244	Yuma, AZ [49740]	5	8	9	4	6	2	7	13	8	15	54	0.70	228

PATENTS:

Rank	Metro Region	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	Trend	Trend Rank
248	Abilene, TX [10180]	2	6	3	5	2	9	8	5	11	11	62	0.86	223
41	Akron, OH [10420]	534	630	560	580	570	762	788	796	864	844	6928	38.93	59
244	Albany, GA [10500]	7	3	3	5	6	12	6	7	14	14	77	1.02	216
38	Albany-Schenectady-Troy, NY [10580]	487	626	579	621	664	924	894	933	1027	1354	8109	81.57	29
68	Albuquerque, NM [10740]	214	278	239	243	269	338	330	379	412	390	3092	21.53	75
47	Allentown-Bethlehem-Easton, PA-NJ [10900]	442	524	487	518	573	703	646	775	826	890	6384	49.09	50
226	Amarillo, TX [11100]	11	17	16	14	14	28	15	15	28	20	178	1.03	215
202	Anchorage, AK [11260]	29	29	15	18	32	25	26	29	55	47	305	2.61	189
24	Ann Arbor, MI [11460]	867	974	868	869	872	1216	1325	1647	1784	1904	12326	124.91	21
70	Appleton, WI [11540]	333	322	267	254	222	352	322	300	331	348	3051	4.22	172
151	Asheville, NC [11700]	79	71	63	72	100	116	83	91	109	103	887	4.07	175
173	Athens-Clarke County, GA [12020]	48	47	50	50	47	73	70	62	69	98	614	4.55	164
18	Atlanta-Sandy Springs-Marietta, GA [12060]	1209	1548	1337	1385	1494	2094	2138	2322	2861	3069	19457	204.33	13
196	Atlantic City, NJ [12100]	25	35	48	39	47	54	22	32	25	27	354	-1.07	246
175	Augusta-Richmond County, GA-SC [12260]	35	41	51	57	43	73	60	73	72	70	575	4.13	173
8	Austin-Round Rock, TX [12420]	1864	2220	2155	2363	2602	3131	3151	3367	3743	3951	28547	232.71	8
144	Bakersfield, CA [12540]	74	69	84	91	87	83	109	114	120	112	943	5.45	153
30	Baltimore-Towson, MD [12580]	768	892	793	765	833	1075	1037	1091	1167	1312	9733	56.78	42
168	Barnstable Town, MA [12700]	42	68	72	58	53	63	67	73	61	104	661	3.34	182
131	Baton Rouge, LA [12940]	98	97	104	98	92	94	115	121	127	151	1097	5.00	159
201	Beaumont-Port Arthur, TX [13140]	18	25	25	28	22	34	34	37	39	45	307	2.61	188
177	Bellingham, WA [13380]	39	53	49	52	40	54	60	55	62	72	536	2.59	190
166	Bend, OR [13460]	51	61	55	54	67	64	83	61	88	98	682	4.40	169
239	Billings, MT [13740]	3	14	6	11	6	16	7	19	14	12	108	0.87	222
102	Binghamton, NY [13780]	184	247	195	180	144	201	196	210	191	187	1935	-1.12	247

129	Birmingham-Hoover, AL [13820]	98	129	97	74	99	121	127	136	148	150	1179	5.92	149
120	Blacksburg-Christiansburg-Radford, VA [13980]	119	124	117	115	99	163	173	148	177	232	1467	10.79	113
127	Bloomington, IN [14020]	58	63	53	47	73	150	154	206	201	212	1217	21.30	77
26	Boise City-Nampa, ID [14260]	1436	1572	1280	1123	870	1022	982	892	931	997	11105	-64.54	250
4	Boston-Cambridge-Quincy, MA-NH [14460]	3442	4503	3964	4085	4318	6099	6346	7065	8091	8826	56739	591.76	4
20	Boulder, CO [14500]	1158	1431	1189	1110	1233	1496	1470	1633	1914	2255	14889	101.92	23
228	Bowling Green, KY [14540]	14	16	15	12	14	17	29	23	17	17	174	0.78	226
114	Bremerton-Silverdale, WA [14740]	95	132	134	98	148	163	178	196	226	269	1639	16.90	89
27	Bridgeport-Stamford-Norwalk, CT [14860]	778	948	812	864	900	1233	1227	1249	1340	1294	10645	66.64	32
246	Brownsville-Harlingen, TX [15180]	3	5	3	8	5	7	7	6	11	16	71	1.05	214
82	Buffalo-Niagara Falls, NY [15380]	221	257	205	174	211	250	262	296	311	322	2509	12.39	108
145	Burlington, NC [15500]	68	84	55	71	72	106	135	121	104	114	930	6.73	141
50	Burlington-South Burlington, VT [15540]	374	473	509	494	500	748	605	538	618	678	5537	27.13	65
78	Canton-Massillon, OH [15940]	164	252	227	236	248	286	298	307	302	280	2600	12.23	109
128	Cape Coral-Fort Myers, FL [15980]	81	132	87	74	89	121	126	146	178	171	1205	9.79	121
96	Cedar Rapids, IA [16300]	128	136	127	130	194	196	239	228	281	348	2007	23.21	70
98	Champaign-Urbana, IL [16580]	91	152	141	129	163	221	229	245	277	311	1959	22.62	72
193	Charleston, WV [16620]	30	25	32	26	32	33	32	45	64	54	373	3.47	179
155	Charleston-North Charleston, SC [16700]	55	66	51	53	65	75	91	114	126	121	817	8.81	127
60	Charlotte-Gastonia-Concord, NC-SC [16740]	228	284	256	248	300	436	467	565	734	704	4222	59.22	39
117	Charlottesville, VA [16820]	63	93	90	106	100	170	204	249	195	257	1527	21.93	73
162	Chattanooga, TN-GA [16860]	77	70	61	65	61	78	65	82	75	97	731	2.04	198
7	Chicago-Naperville-Joliet, IL-IN-WI [16980]	2578	3067	2679	2598	2764	3598	3740	4227	4753	5254	35258	290.22	7
220	Chico, CA [17020]	9	20	17	17	18	32	16	36	35	32	232	2.53	192
25	Cincinnati-Middletown, OH-KY-IN [17140]	875	969	845	822	887	1294	1218	1308	1442	1519	11179	78.89	30
229	Clarksville, TN-KY [17300]	11	10	10	14	18	21	27	22	15	19	167	1.27	211
33	Cleveland-Elyria-Mentor, OH [17460]	668	758	703	719	707	986	1021	979	1174	1234	8949	64.07	35
148	College Station-Bryan, TX [17780]	62	72	73	54	67	84	116	127	133	117	905	8.45	128
72	Colorado Springs, CO [17820]	286	293	250	236	233	285	291	333	324	383	2914	10.44	117
179	Columbia, MO [17860]	24	39	33	22	36	43	70	79	66	89	501	7.00	139
137	Columbia, SC [17900]	68	87	65	66	84	102	133	139	161	146	1051	10.96	112
223	Columbus, GA-AL [17980]	20	11	13	15	12	22	22	21	29	25	190	1.47	209
53	Columbus, OH [18140]	340	413	340	371	425	607	633	687	778	756	5350	54.56	44

210	Corpus Christi, TX [18580]	22	22	18	20	27	29	29	33	32	43	275	2.20	196
11	Dallas-Fort Worth-Arlington, TX [19100]	1845	2277	1999	1899	1881	2519	2600	3008	3445	4042	25515	216.58	10
136	Davenport-Moline-Rock Island, IA-IL [19340]	86	96	99	81	84	124	131	120	119	128	1068	5.05	157
69	Dayton, OH [19380]	238	290	266	249	261	308	325	372	361	407	3077	17.11	88
161	Deltona-Daytona Beach-Ormond Beach, FL [19660]	64	65	70	50	63	65	61	90	91	113	732	4.59	163
21	Denver-Aurora, CO [19740]	961	1176	1033	1020	1118	1552	1615	1836	2133	2439	14883	159.00	18
76	Des Moines-West Des Moines, IA [19780]	173	222	231	188	234	229	316	332	375	355	2655	21.78	74
10	Detroit-Warren-Livonia, MI [19820]	2231	2522	2115	1977	1975	2608	2643	3159	3572	3741	26543	174.49	16
234	Dover, DE [20100]	10	18	6	12	11	12	22	14	25	15	145	1.00	217
204	Duluth, MN-WI [20260]	18	16	24	18	26	28	40	42	47	40	299	3.47	180
16	Durham, NC [20500]	1111	1538	1320	1545	1730	2319	2399	2552	2630	3160	20304	214.52	11
180	Eau Claire, WI [20740]	51	40	30	36	29	54	46	54	79	82	501	4.41	168
250	El Centro, CA [20940]	3	4	1	2	2	6	3	4	3	8	36	0.36	233
184	El Paso, TX [21340]	57	56	51	36	30	33	31	42	39	52	427	-1.34	249
122	Elkhart-Goshen, IN [21140]	105	107	100	78	100	151	163	181	188	197	1370	12.76	104
150	Erie, PA [21500]	77	83	73	66	74	84	104	98	120	112	891	4.99	160
143	Eugene-Springfield, OR [21660]	74	92	88	71	78	116	89	108	132	140	988	6.46	143
140	Evansville, IN-KY [21780]	68	69	62	71	73	106	112	134	154	142	991	10.77	115
164	Fargo, ND-MN [22020]	46	39	47	49	46	73	88	83	104	124	699	8.98	124
219	Fayetteville, NC [22180]	28	16	17	22	21	30	22	27	26	29	238	0.84	224
176	Fayetteville-Springdale-Rogers, AR-MO [22220]	34	50	46	41	39	46	60	70	88	96	570	6.11	145
77	Flint, MI [22420]	228	265	219	195	225	249	259	280	329	353	2602	12.69	106
197	Florence, SC [22500]	36	55	36	24	25	32	23	38	39	46	354	-0.05	240
34	Fort Collins-Loveland, CO [22660]	786	966	812	684	742	866	796	879	1011	1141	8683	26.09	66
232	Fort Smith, AR-OK [22900]	8	17	7	7	15	16	21	19	19	32	161	2.02	200
110	Fort Wayne, IN [23060]	159	147	150	122	145	191	178	219	198	225	1734	9.15	123
174	Fresno, CA [23420]	46	41	40	34	41	55	71	76	92	103	599	7.12	137
115	Gainesville, FL [23540]	118	144	106	108	145	153	149	169	231	234	1557	12.72	105
147	Gainesville, GA [23580]	78	73	66	63	83	103	86	110	120	137	919	7.08	138
74	Grand Rapids-Wyoming, MI [24340]	229	239	206	228	201	272	307	318	375	394	2769	20.03	81
28	Greeley, CO [24540]	926	1106	931	798	847	1013	1001	1125	1254	1451	10452	45.49	53
165	Green Bay, WI [24580]	61	79	54	58	64	74	67	65	83	85	690	2.04	199
90	Greensboro-High Point, NC [24660]	152	196	157	148	151	245	279	269	281	276	2154	16.72	90

209	Greenville, NC [24780]	12	25	19	19	21	32	48	30	38	38	282	2.90	185
63	Greenville-Mauldin-Easley, SC [24860]	218	278	225	196	247	290	422	581	545	651	3653	50.10	47
203	Gulfport-Biloxi, MS [25060]	13	15	21	28	28	39	39	33	47	41	304	3.52	178
183	Hagerstown-Martinsburg, MD-WV [25180]	29	34	27	33	40	43	51	47	57	68	429	4.05	176
100	Harrisburg-Carlisle, PA [25420]	152	178	165	170	162	236	201	230	213	234	1941	8.94	125
36	Hartford-West Hartford-East Hartford, CT [25540]	579	751	569	584	622	806	929	1117	1107	1255	8319	75.97	31
130	Hickory-Lenoir-Morganton, NC [25860]	100	83	106	89	76	103	87	133	145	185	1107	8.21	131
212	Houma-Bayou Cane-Thibodaux, LA [26380]	27	29	21	12	23	28	16	33	31	33	253	0.88	221
12	Houston-Sugar Land-Baytown, TX [26420]	1576	1952	1889	1854	1911	2601	2609	2821	3320	3739	24272	222.17	9
225	Huntington-Ashland, WV-KY-OH [26580]	12	21	18	24	11	22	15	20	20	18	181	0.25	235
104	Huntsville, AL [26620]	139	143	132	134	130	242	191	234	308	270	1923	18.95	83
35	Indianapolis-Carmel, IN [26900]	559	691	663	588	660	881	902	1079	1222	1398	8643	87.95	28
87	Iowa City, IA [26980]	130	153	147	165	224	258	262	267	298	363	2267	24.47	68
159	Jackson, MI [27100]	71	66	67	61	51	79	79	103	114	105	796	5.48	152
198	Jackson, MS [27140]	38	23	32	17	31	33	40	44	38	46	342	1.87	201
118	Jacksonville, FL [27260]	115	124	107	96	102	172	165	195	206	232	1514	14.21	101
249	Jacksonville, NC [27340]	2	2	4	5	2	0	6	3	5	13	42	0.70	227
138	Janesville, WI [27500]	44	64	66	79	95	109	114	133	169	132	1005	12.01	110
149	Johnson City, TN [27740]	52	54	77	86	86	90	131	100	96	131	903	7.63	134
215	Joplin, MO [27900]	17	27	19	17	25	25	16	24	41	37	248	1.82	203
101	Kalamazoo-Portage, MI [28020]	163	191	148	162	137	189	230	221	246	249	1936	10.79	114
44	Kansas City, MO-KS [28140]	316	442	428	400	436	638	721	1062	1139	1145	6727	101.06	24
153	Kennewick-Richland-Pasco, WA [28420]	81	94	58	54	63	94	90	87	106	122	849	4.47	167
216	Killeen-Temple-Fort Hood, TX [28660]	18	27	26	19	19	23	24	29	20	40	245	1.11	213
135	Kingsport-Bristol-Bristol, TN-VA [28700]	91	73	105	95	94	101	141	108	118	147	1073	5.93	148
89	Kingston, NY [28740]	155	197	167	168	211	272	282	223	250	253	2178	11.73	111
92	Knoxville, TN [28940]	151	158	166	146	156	240	235	255	278	349	2134	20.72	79
160	Lafayette, LA [29180]	56	71	59	58	65	67	86	98	73	103	736	4.35	170
240	Lake Charles, LA [29340]	6	13	7	13	12	4	11	14	20	6	106	0.42	232
243	Lake Havasu City-Kingman, AZ [29420]	5	9	14	7	9	11	10	5	6	10	86	-0.06	241
163	Lakeland, FL [29460]	50	58	61	47	48	59	83	101	94	106	707	6.52	142
97	Lancaster, PA [29540]	157	182	154	142	176	213	231	238	252	261	2006	13.03	103
119	Lansing-East Lansing, MI [29620]	127	120	125	121	134	152	148	162	188	212	1489	9.24	122

71	Laredo, TX [29700]	159	199	178	156	170	302	361	413	481	540	2959	44.39	56
172	Las Cruces, NM [29740]	71	78	79	50	47	57	53	69	62	69	635	-0.98	245
64	Las Vegas-Paradise, NV [29820]	222	205	233	228	188	307	328	508	582	600	3401	47.48	52
83	Lexington-Fayette, KY [30460]	171	216	245	246	211	299	254	274	254	307	2477	10.59	116
158	Lincoln, NE [30700]	61	72	75	63	61	76	66	101	110	112	797	5.33	154
169	Little Rock-North Little Rock-Conway, AR [30780]	60	62	50	43	42	73	71	78	82	99	660	4.52	166
206	Longview, TX [30980]	19	18	20	26	16	29	41	33	36	46	284	2.98	184
93	Louisville/Jefferson County, KY-IN [31140]	162	165	163	146	148	217	205	246	302	352	2106	20.18	80
208	Lubbock, TX [31180]	25	39	25	22	23	20	20	28	39	42	283	0.96	219
182	Lynchburg, VA [31340]	35	31	41	37	33	41	49	50	80	80	477	5.07	156
213	Macon, GA [31420]	22	19	25	18	19	20	19	22	37	52	253	2.33	194
56	Madison, WI [31540]	289	380	324	344	417	584	547	556	618	718	4777	45.23	54
49	Manchester-Nashua, NH [31700]	355	438	412	395	477	593	662	645	739	825	5541	51.02	46
238	McAllen-Edinburg-Mission, TX [32580]	6	14	8	6	9	8	5	12	18	25	111	1.30	210
195	Medford, OR [32780]	20	28	28	26	25	45	24	50	42	70	358	4.07	174
75	Memphis, TN-MS-AR [32820]	127	189	198	151	226	356	366	371	369	362	2715	30.39	64
221	Merced, CA [32900]	22	20	13	12	12	13	26	28	34	46	226	2.62	187
29	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	673	825	765	680	733	965	1066	1249	1350	1473	9779	89.00	27
194	Midland, TX [33260]	23	28	33	23	38	40	41	24	50	66	366	3.35	181
42	Milwaukee-Waukesha-West Allis, WI [33340]	540	675	590	557	608	742	721	740	830	880	6883	33.46	62
17	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	1373	1696	1496	1472	1460	2095	2375	2384	2669	2889	19909	171.15	17
200	Mobile, AL [33660]	23	40	37	23	34	36	23	35	50	31	332	0.81	225
57	Modesto, CA [33700]	293	386	345	357	346	479	532	599	663	772	4772	49.56	49
241	Monroe, LA [33740]	12	9	6	9	5	15	9	13	13	15	106	0.61	230
222	Montgomery, AL [33860]	24	26	15	18	15	20	12	18	32	30	210	0.59	231
178	Muskegon-Norton Shores, MI [34740]	55	49	58	45	44	40	60	48	50	77	526	1.19	212
227	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	18	21	17	10	18	14	19	17	22	21	177	0.35	234
157	Naples-Marco Island, FL [34940]	48	87	64	42	61	70	92	95	123	125	807	7.63	135
84	Nashville-Davidson--Murfreeseboro--Franklin, TN [34980]	163	187	154	182	180	278	301	290	335	386	2456	25.32	67
40	New Haven-Milford, CT [35300]	549	623	515	492	531	751	787	844	936	967	6995	52.75	45
126	New Orleans-Metairie-Kenner, LA [35380]	88	136	109	107	99	121	119	123	165	161	1228	5.99	146
3	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	4903	6390	5590	6000	6198	8619	8676	9640	11162	12123	79301	782.32	3
142	Niles-Benton Harbor, MI [35660]	37	65	60	66	65	96	132	140	164	165	990	14.99	96

99	Norwich-New London, CT [35980]	202	215	184	134	153	163	187	213	239	255	1945	5.81	150
187	Ocala, FL [36100]	21	31	33	11	28	40	33	56	79	72	404	5.99	147
112	Ogden-Clearfield, UT [36260]	102	157	109	125	121	193	205	212	250	220	1694	15.39	94
108	Oklahoma City, OK [36420]	146	193	175	158	148	170	163	200	212	205	1770	5.01	158
171	Olympia, WA [36500]	34	56	66	66	42	68	71	63	89	84	639	4.28	171
94	Omaha-Council Bluffs, NE-IA [36540]	142	162	167	190	166	199	183	245	284	351	2089	19.01	82
58	Orlando-Kissimmee, FL [36740]	327	355	359	340	373	510	495	606	626	732	4723	44.72	55
73	Oshkosh-Neenah, WI [36780]	307	288	255	228	193	322	302	280	298	333	2806	4.73	161
32	Oxnard-Thousand Oaks-Ventura, CA [37100]	699	803	729	675	710	951	983	1078	1114	1223	8965	59.41	38
55	Palm Bay-Melbourne-Titusville, FL [37340]	402	420	429	364	383	472	487	567	620	724	4868	33.01	63
207	Panama City-Lynn Haven, FL [37460]	45	37	39	18	18	22	10	32	34	29	284	-1.33	248
185	Pensacola-Ferry Pass-Brent, FL [37860]	44	32	45	30	28	42	54	50	43	56	424	1.79	204
85	Peoria, IL [37900]	153	177	184	196	195	257	282	285	270	404	2403	22.64	71
9	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	1840	2297	2163	2018	2226	2909	2971	3182	3653	3740	26999	213.51	12
13	Phoenix-Mesa-Scottsdale, AZ [38060]	1568	1906	1763	1800	1838	2307	2387	2557	2746	3102	21974	156.88	19
37	Pittsburgh, PA [38300]	549	749	615	597	649	899	893	964	1104	1152	8171	65.42	33
113	Port St. Lucie, FL [38940]	99	104	114	77	113	190	231	214	282	238	1662	21.43	76
111	Portland-South Portland-Biddeford, ME [38860]	140	139	106	110	133	218	194	214	240	229	1723	14.45	100
15	Portland-Vancouver-Beaverton, OR-WA [38900]	1534	2067	1832	1825	1744	2140	2165	2312	2522	2867	21008	115.14	22
191	Prescott, AZ [39140]	28	35	30	40	32	33	32	52	50	54	386	2.58	191
46	Providence-New Bedford-Fall River, RI-MA [39300]	514	651	549	485	478	635	760	783	812	887	6554	40.22	58
62	Provo-Orem, UT [39340]	145	217	229	264	309	424	452	499	534	584	3657	49.69	48
242	Pueblo, CO [39380]	5	4	4	13	10	14	12	15	9	12	98	0.93	220
214	Punta Gorda, FL [39460]	27	13	19	15	18	33	28	43	35	22	253	1.72	206
88	Racine, WI [39540]	200	238	175	198	207	247	235	246	220	282	2248	6.78	140
19	Raleigh-Cary, NC [39580]	990	1381	1199	1432	1609	2129	2182	2334	2425	2934	18615	201.51	15
81	Reading, PA [39740]	188	191	198	222	228	262	273	301	333	336	2532	18.35	84
224	Redding, CA [39820]	12	17	14	14	10	17	18	24	32	26	184	1.82	202
67	Reno-Sparks, NV [39900]	185	235	193	201	209	332	358	454	493	468	3128	37.89	60
65	Richmond, VA [40060]	231	247	241	255	253	423	365	361	397	430	3203	23.88	69
43	Riverside-San Bernardino-Ontario, CA [40140]	537	605	558	507	538	762	721	796	867	985	6876	48.01	51
154	Roanoke, VA [40220]	62	71	56	65	57	81	98	99	87	151	827	7.58	136
51	Rochester, MN [40340]	302	403	342	459	494	640	630	649	775	826	5520	57.66	40

23	Rochester, NY [40380]	1095	1271	1141	977	1030	1428	1461	1746	1815	1915	13879	97.35	26
121	Rockford, IL [40420]	91	122	130	96	91	140	176	176	221	222	1465	14.49	99
39	Sacramento--Arden-Arcade--Roseville, CA [40900]	548	670	576	593	545	709	715	809	841	1022	7028	43.38	57
133	Saginaw-Saginaw Township North, MI [40980]	89	99	88	80	83	102	113	125	149	168	1096	8.27	130
132	Salem, OR [41420]	103	147	115	75	84	122	121	102	119	109	1097	-0.19	242
125	Salinas, CA [41500]	94	105	80	93	102	133	142	138	156	188	1231	10.13	118
235	Salisbury, MD [41540]	4	11	6	15	10	11	21	17	12	13	120	0.98	218
52	Salt Lake City, UT [41620]	298	396	389	364	417	572	620	710	790	885	5441	64.05	36
61	San Antonio, TX [41700]	208	261	247	205	227	404	481	518	602	681	3834	54.57	43
6	San Diego-Carlsbad-San Marcos, CA [41740]	2113	2753	2632	2405	2531	3898	4221	5140	6300	7327	39320	552.18	6
2	San Francisco-Oakland-Fremont, CA [41860]	6519	8444	7680	7753	8466	11521	11764	13494	15645	18555	109841	1229.63	2
1	San Jose-Sunnyvale-Santa Clara, CA [41940]	8564	11077	9917	10058	10916	14305	14816	16503	19190	23044	138390	1440.63	1
134	San Luis Obispo-Paso Robles, CA [42020]	99	108	86	96	84	113	102	110	135	145	1078	4.67	162
22	Santa Cruz-Watsonville, CA [42100]	861	1152	1027	1061	1117	1469	1595	1734	1874	2141	14031	133.72	20
66	Santa Rosa-Petaluma, CA [42220]	253	304	242	220	279	341	328	384	374	457	3182	20.74	78
211	Savannah, GA [42340]	24	22	19	17	16	26	37	44	28	40	273	2.31	195
167	Scranton--Wilkes-Barre, PA [42540]	58	57	73	73	72	61	56	65	68	89	672	1.54	208
5	Seattle-Tacoma-Bellevue, WA [42660]	1841	2819	2909	3263	4176	5201	4734	5394	6304	7405	44046	559.60	5
205	Shreveport-Bossier City, LA [43340]	14	29	9	22	25	40	39	44	38	38	298	3.15	183
217	Sioux City, IA-NE-SD [43580]	31	35	16	22	20	23	23	25	27	20	242	-0.63	244
189	Sioux Falls, SD [43620]	19	19	20	14	20	34	47	47	82	95	397	8.32	129
107	South Bend-Mishawaka, IN-MI [43780]	145	160	146	127	128	166	195	235	236	286	1824	15.08	95
106	Spartanburg, SC [43900]	149	177	128	107	148	149	204	244	253	278	1837	15.55	92
141	Spokane, WA [44060]	66	98	80	67	63	98	96	119	158	146	991	8.83	126
188	Springfield, IL [44100]	19	19	31	27	41	50	46	40	49	80	402	5.27	155
91	Springfield, MA [44140]	149	228	172	155	193	200	211	254	273	305	2140	13.96	102
192	Springfield, MO [44180]	24	34	40	38	27	49	46	40	47	41	386	1.76	205
199	St. Cloud, MN [41060]	27	32	25	29	26	26	40	42	32	54	333	2.19	197
59	St. Louis, MO-IL [41180]	309	384	325	300	390	480	486	559	575	611	4419	35.59	61
146	State College, PA [44300]	50	71	71	75	56	103	93	124	139	142	924	10.12	119
116	Stockton, CA [44700]	94	146	114	112	105	155	189	173	226	237	1551	14.68	97
80	Syracuse, NY [45060]	197	239	222	183	178	238	282	338	361	318	2556	17.45	87
156	Tallahassee, FL [45220]	75	72	63	44	49	92	72	105	138	102	812	6.32	144

54	Tampa-St. Petersburg-Clearwater, FL [45300]	295	360	322	333	322	511	570	671	725	868	4977	62.77	37
231	Terre Haute, IN [45460]	18	18	11	15	13	17	14	25	21	11	163	0.18	237
105	Toledo, OH [45780]	146	159	151	154	146	193	208	233	256	268	1914	14.52	98
152	Topeka, KS [45820]	45	58	61	43	64	80	81	129	142	158	861	12.58	107
45	Trenton-Ewing, NJ [45940]	378	563	491	519	528	740	719	809	934	1000	6681	64.22	34
48	Tucson, AZ [46060]	356	445	404	478	542	705	719	693	751	912	6005	57.44	41
79	Tulsa, OK [46140]	212	255	193	189	192	268	295	284	343	348	2579	16.30	91
230	Tuscaloosa, AL [46220]	11	11	10	9	5	22	16	24	18	38	164	2.42	193
190	Tyler, TX [46340]	26	18	30	30	36	44	38	50	60	62	394	4.55	165
186	Utica-Rome, NY [46540]	31	52	43	40	33	43	48	43	46	44	423	0.66	228
86	Vallejo-Fairfield, CA [46700]	167	231	170	174	193	262	258	305	301	334	2395	18.12	85
237	Vineland-Millville-Bridgeton, NJ [47220]	14	9	3	9	14	25	11	14	14	4	117	0.10	239
103	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	143	141	155	160	151	230	172	255	237	283	1927	15.44	93
218	Visalia-Porterville, CA [47300]	18	20	16	17	23	35	19	28	32	31	239	1.69	207
233	Waco, TX [47380]	16	14	19	14	10	11	24	17	16	16	157	0.21	236
247	Warner Robins, GA [47580]	6	7	10	5	6	7	6	5	13	6	71	0.13	238
14	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	1389	1713	1522	1602	1715	2312	2399	2650	2886	3242	21430	203.13	14
181	Waterloo-Cedar Falls, IA [47940]	48	42	37	35	39	41	52	48	79	60	481	2.88	186
124	Wichita, KS [48620]	96	123	80	81	104	127	124	153	164	191	1243	10.05	120
170	Wilmington, NC [48900]	33	39	49	41	64	57	77	79	88	113	640	7.96	133
109	Winston-Salem, NC [49180]	114	132	121	106	142	206	192	231	251	250	1745	17.75	86
31	Worcester, MA [49340]	542	730	681	714	779	1042	1091	1206	1360	1401	9546	97.94	25
236	Yakima, WA [49420]	11	19	14	13	6	6	11	14	15	11	120	-0.21	243
95	York-Hanover, PA [49620]	158	194	170	208	173	260	235	234	209	239	2080	8.01	132
139	Youngstown-Warren-Boardman, OH-PA [49660]	68	92	93	93	91	120	116	105	121	98	997	3.82	177
123	Yuba City, CA [49700]	106	146	118	117	101	161	136	142	166	169	1362	5.72	151
245	Yuma, AZ [49740]	6	9	7	3	4	2	7	11	9	14	72	0.62	229

INVENTOR DENSITY:

Rank	Metro Region	Density: Inventors per 1000 people					Trend: Linear change per year					
		2010	2011	2012	2013	2014	Average	Population	Inventors	Density Trend	Trend Rank	
245	Abilene, TX [10180]	0.04	0.04	0.02	0.03	0.06	0.038	749	1	0.003	207	
32	Akron, OH [10420]	1.15	1.17	1.21	1.42	1.26	1.242	157	33	0.047	57	
236	Albany, GA [10500]	0.08	0.03	0.03	0.09	0.06	0.058	-677	0	0.002	211	
29	Albany-Schenectady-Troy, NY [10580]	1.17	1.12	1.16	1.29	1.56	1.26	2441	85	0.095	26	
84	Albuquerque, NM [10740]	0.55	0.55	0.61	0.66	0.62	0.598	4127	25	0.025	124	
43	Allentown-Bethlehem-Easton, PA-NJ [10900]	0.91	0.86	0.97	1.03	1.08	0.97	1913	44	0.051	51	
220	Amarillo, TX [11100]	0.1	0.08	0.05	0.1	0.1	0.086	1874	1	0.002	212	
213	Anchorage, AK [11260]	0.08	0.07	0.07	0.17	0.12	0.102	4552	7	0.018	146	
6	Ann Arbor, MI [11460]	3.48	3.39	4.06	4.64	4.99	4.112	2943	162	0.427	4	
14	Appleton, WI [11540]	2.49	2.57	2.19	2.24	2.32	2.362	1412	-13	-0.067	249	
170	Asheville, NC [11700]	0.19	0.21	0.21	0.25	0.22	0.216	4414	6	0.01	178	
109	Athens-Clarke County, GA [12020]	0.48	0.48	0.44	0.42	0.56	0.476	1617	3	0.01	179	
91	Atlanta-Sandy Springs-Marietta, GA [12060]	0.5	0.51	0.51	0.62	0.65	0.558	80579	271	0.041	73	
215	Atlantic City, NJ [12100]	0.11	0.06	0.11	0.09	0.08	0.09	256	-1	-0.003	234	
197	Augusta-Richmond County, GA-SC [12260]	0.18	0.11	0.14	0.13	0.13	0.138	4670	-3	-0.008	239	
15	Austin-Round Rock, TX [12420]	2.28	2.21	2.17	2.36	2.39	2.282	55773	199	0.037	91	
190	Bakersfield, CA [12540]	0.12	0.15	0.16	0.15	0.17	0.15	8596	10	0.01	180	
100	Baltimore-Towson, MD [12580]	0.5	0.47	0.51	0.53	0.6	0.522	18961	79	0.026	122	
136	Barnstable Town, MA [12700]	0.25	0.35	0.34	0.3	0.5	0.348	-245	10	0.045	61	
182	Baton Rouge, LA [12940]	0.14	0.17	0.19	0.2	0.22	0.184	5774	15	0.019	142	
217	Beaumont-Port Arthur, TX [13140]	0.1	0.08	0.08	0.07	0.1	0.086	462	-1	-0.001	229	
144	Bellingham, WA [13380]	0.26	0.27	0.29	0.34	0.38	0.308	1734	7	0.031	106	
89	Bend, OR [13460]	0.44	0.58	0.46	0.67	0.7	0.57	3147	12	0.061	46	
216	Billings, MT [13740]	0.12	0.04	0.08	0.1	0.1	0.088	2036	0	0.002	213	
45	Binghamton, NY [13780]	1.05	0.93	1.08	0.95	0.83	0.968	-1091	-11	-0.042	246	

193	Birmingham-Hoover, AL [13820]	0.13	0.13	0.14	0.15	0.16	0.142	3999	10	0.008	189
35	Blacksburg-Christiansburg-Radford, VA [13980]	0.99	1.03	1	1.24	1.41	1.134	877	20	0.105	25
36	Bloomington, IN [14020]	1	0.81	1.14	1.38	1.29	1.124	1085	20	0.115	19
25	Boise City-Nampa, ID [14260]	1.41	1.34	1.24	1.35	1.43	1.354	11855	20	0.005	198
17	Boston-Cambridge-Quincy, MA-NH [14460]	1.77	1.8	1.96	2.24	2.42	2.038	44871	898	0.174	11
2	Boulder, CO [14500]	5.81	5.59	5.78	6.93	7.63	6.348	4727	183	0.498	3
195	Bowling Green, KY [14540]	0.16	0.19	0.14	0.12	0.1	0.142	1760	-3	-0.019	244
73	Bremerton-Silverdale, WA [14740]	0.53	0.57	0.62	0.71	0.86	0.658	493	20	0.08	31
37	Bridgeport-Stamford-Norwalk, CT [14860]	1.11	1.07	1.09	1.15	1.18	1.12	7061	27	0.022	133
249	Brownsville-Harlingen, TX [15180]	0.01	0.02	0.01	0.02	0.03	0.018	3337	2	0.004	201
146	Buffalo-Niagara Falls, NY [15380]	0.28	0.29	0.32	0.32	0.32	0.306	244	14	0.011	173
81	Burlington, NC [15500]	0.56	0.69	0.59	0.56	0.62	0.604	1114	1	-0.001	230
10	Burlington-South Burlington, VT [15540]	3.29	2.79	2.71	2.85	2.88	2.904	1204	-13	-0.076	250
56	Canton-Massillon, OH [15940]	0.75	0.78	0.74	0.91	0.75	0.786	-63	5	0.013	161
166	Cape Coral-Fort Myers, FL [15980]	0.18	0.18	0.23	0.26	0.26	0.222	15144	20	0.024	129
30	Cedar Rapids, IA [16300]	1.02	1.25	1.09	1.36	1.57	1.258	1337	33	0.121	16
28	Champaign-Urbana, IL [16580]	1.17	1.27	1.19	1.36	1.53	1.304	1340	21	0.081	29
159	Charleston, WV [16620]	0.16	0.19	0.28	0.31	0.3	0.248	-960	9	0.04	80
185	Charleston-North Charleston, SC [16700]	0.14	0.14	0.17	0.2	0.2	0.17	15676	15	0.018	147
139	Charlotte-Gastonia-Concord, NC-SC [16740]	0.25	0.25	0.35	0.41	0.38	0.328	40679	110	0.042	69
61	Charlottesville, VA [16820]	0.74	0.63	0.67	0.81	0.92	0.754	1996	14	0.054	49
176	Chattanooga, TN-GA [16860]	0.16	0.16	0.2	0.19	0.23	0.188	4183	10	0.017	149
79	Chicago-Naperville-Joliet, IL-IN-WI [16980]	0.54	0.55	0.6	0.65	0.72	0.612	23831	461	0.046	59
199	Chico, CA [17020]	0.15	0.09	0.16	0.15	0.13	0.136	1087	1	0.002	214
51	Cincinnati-Middletown, OH-KY-IN [17140]	0.83	0.81	0.83	0.88	0.89	0.848	8494	48	0.019	143
228	Clarksville, TN-KY [17300]	0.08	0.1	0.08	0.07	0.06	0.078	4429	-1	-0.007	237
82	Cleveland-Elyria-Mentor, OH [17460]	0.54	0.53	0.58	0.66	0.7	0.602	-3036	92	0.045	62
107	College Station-Bryan, TX [17780]	0.39	0.42	0.52	0.55	0.53	0.482	3515	12	0.041	74
98	Colorado Springs, CO [17820]	0.5	0.48	0.54	0.51	0.63	0.532	10102	25	0.029	113
96	Columbia, MO [17860]	0.36	0.54	0.63	0.5	0.63	0.532	2515	10	0.05	52
175	Columbia, SC [17900]	0.15	0.18	0.19	0.23	0.23	0.196	8158	18	0.021	137
221	Columbus, GA-AL [17980]	0.08	0.08	0.07	0.1	0.09	0.084	5289	1	0.004	202
103	Columbus, OH [18140]	0.45	0.47	0.51	0.54	0.52	0.498	22861	53	0.021	138

231	Corpus Christi, TX [18580]	0.06	0.06	0.07	0.08	0.08	0.07	5224	3	0.006	196
92	Dallas-Fort Worth-Arlington, TX [19100]	0.52	0.5	0.53	0.6	0.64	0.558	130447	304	0.034	99
116	Davenport-Moline-Rock Island, IA-IL [19340]	0.46	0.48	0.42	0.42	0.39	0.434	898	-7	-0.02	245
115	Dayton, OH [19380]	0.4	0.4	0.44	0.45	0.5	0.438	351	19	0.025	125
192	Deltona-Daytona Beach-Ormond Beach, FL [19660]	0.11	0.12	0.15	0.15	0.19	0.144	4869	12	0.019	144
55	Denver-Aurora, CO [19740]	0.69	0.71	0.77	0.9	0.96	0.806	52045	239	0.073	34
102	Des Moines-West Des Moines, IA [19780]	0.45	0.55	0.46	0.52	0.59	0.514	10317	19	0.025	126
50	Detroit-Warren-Livonia, MI [19820]	0.78	0.75	0.85	0.96	1.02	0.872	897	304	0.069	37
202	Dover, DE [20100]	0.09	0.18	0.08	0.18	0.09	0.124	2370	0	0	224
184	Duluth, MN-WI [20260]	0.12	0.18	0.21	0.19	0.18	0.176	92	4	0.013	162
3	Durham, NC [20500]	5.82	6.03	5.77	6.17	6.73	6.104	9450	161	0.196	8
125	Eau Claire, WI [20740]	0.38	0.31	0.36	0.51	0.49	0.41	981	7	0.042	70
248	El Centro, CA [20940]	0.03	0.02	0.02	0.02	0.04	0.026	1034	0	0.002	215
239	El Paso, TX [21340]	0.04	0.05	0.06	0.06	0.07	0.056	7664	6	0.007	192
52	Elkhart-Goshen, IN [21140]	0.74	0.81	0.82	0.82	0.89	0.816	1093	7	0.031	107
111	Erie, PA [21500]	0.35	0.49	0.42	0.54	0.49	0.458	-543	9	0.033	101
134	Eugene-Springfield, OR [21660]	0.37	0.32	0.3	0.39	0.42	0.36	1541	7	0.017	150
106	Evansville, IN-KY [21780]	0.46	0.48	0.48	0.45	0.55	0.484	906	6	0.015	157
108	Fargo, ND-MN [22020]	0.49	0.54	0.33	0.54	0.5	0.48	5004	3	0.002	216
229	Fayetteville, NC [22180]	0.08	0.07	0.07	0.08	0.07	0.074	2740	0	-0.001	231
173	Fayetteville-Springdale-Rogers, AR-MO [22220]	0.13	0.2	0.19	0.24	0.25	0.202	9505	15	0.028	114
83	Flint, MI [22420]	0.53	0.55	0.56	0.66	0.7	0.6	-3189	17	0.045	63
158	Florence, SC [22500]	0.21	0.13	0.28	0.32	0.31	0.25	356	8	0.039	84
9	Fort Collins-Loveland, CO [22660]	3.2	2.89	2.83	3.41	3.59	3.184	6023	61	0.13	14
225	Fort Smith, AR-OK [22900]	0.06	0.08	0.07	0.07	0.13	0.082	-284	3	0.013	163
90	Fort Wayne, IN [23060]	0.57	0.5	0.6	0.56	0.61	0.568	2666	7	0.014	160
230	Fresno, CA [23420]	0.06	0.07	0.07	0.08	0.09	0.074	8589	7	0.007	193
47	Gainesville, FL [23540]	0.7	0.76	0.84	1.17	1.2	0.934	2172	40	0.141	13
101	Gainesville, GA [23580]	0.48	0.4	0.52	0.57	0.61	0.516	2695	9	0.043	68
129	Grand Rapids-Wyoming, MI [24340]	0.35	0.37	0.36	0.41	0.44	0.386	9842	27	0.022	134
5	Greeley, CO [24540]	4.6	4.38	4.33	4.9	5.31	4.704	6151	81	0.194	9
153	Green Bay, WI [24580]	0.29	0.25	0.25	0.26	0.33	0.276	2039	3	0.009	185
112	Greensboro-High Point, NC [24660]	0.43	0.42	0.45	0.49	0.46	0.45	5682	13	0.013	164

161	Greenville, NC [24780]	0.2	0.31	0.18	0.28	0.23	0.24	1800	1	0.003	208
59	Greenville-Mauldin-Easley, SC [24860]	0.53	0.7	0.88	0.81	0.92	0.768	9369	83	0.089	27
227	Gulfport-Biloxi, MS [25060]	0.08	0.09	0.06	0.08	0.08	0.078	3758	0	-0.001	232
178	Hagerstown-Martinsburg, MD-WV [25180]	0.15	0.19	0.18	0.2	0.22	0.188	2035	4	0.015	158
110	Harrisburg-Carlisle, PA [25420]	0.46	0.43	0.49	0.45	0.49	0.464	2871	6	0.008	190
41	Hartford-West Hartford-East Hartford, CT [25540]	0.79	0.86	1.03	1.08	1.22	0.996	337	131	0.108	22
119	Hickory-Lenoir-Morganton, NC [25860]	0.41	0.28	0.4	0.48	0.56	0.426	-623	18	0.05	53
198	Houma-Bayou Cane-Thibodaux, LA [26380]	0.12	0.09	0.15	0.16	0.16	0.136	767	3	0.015	159
74	Houston-Sugar Land-Baytown, TX [26420]	0.59	0.59	0.61	0.7	0.76	0.65	141261	367	0.045	64
233	Huntington-Ashland, WV-KY-OH [26580]	0.08	0.05	0.09	0.07	0.05	0.068	-392	-1	-0.004	235
72	Huntsville, AL [26620]	0.65	0.54	0.63	0.77	0.73	0.664	5773	20	0.039	85
64	Indianapolis-Carmel, IN [26900]	0.67	0.66	0.71	0.77	0.86	0.734	20973	111	0.049	54
16	Iowa City, IA [26980]	1.9	2.15	1.96	2.08	2.48	2.114	2981	24	0.109	21
97	Jackson, MI [27100]	0.48	0.46	0.49	0.65	0.58	0.532	-79	6	0.039	86
226	Jackson, MS [27140]	0.06	0.08	0.08	0.07	0.1	0.078	2370	4	0.007	194
188	Jacksonville, FL [27260]	0.16	0.14	0.16	0.17	0.2	0.166	18127	19	0.011	174
247	Jacksonville, NC [27340]	0	0.04	0.02	0.03	0.05	0.028	2740	2	0.009	186
80	Janesville, WI [27500]	0.6	0.62	0.61	0.62	0.6	0.61	234	0	0	225
67	Johnson City, TN [27740]	0.56	0.82	0.68	0.69	0.83	0.716	592	8	0.041	75
164	Joplin, MO [27900]	0.19	0.16	0.17	0.34	0.28	0.228	-23	7	0.036	93
54	Kalamazoo-Portage, MI [28020]	0.7	0.83	0.78	0.85	0.9	0.812	1898	15	0.042	71
93	Kansas City, MO-KS [28140]	0.42	0.47	0.59	0.65	0.62	0.55	15393	125	0.058	47
68	Kennewick-Richland-Pasco, WA [28420]	0.67	0.66	0.65	0.7	0.85	0.706	4933	14	0.04	81
234	Killeen-Temple-Fort Hood, TX [28660]	0.05	0.05	0.07	0.04	0.11	0.064	4968	5	0.011	175
87	Kingsport-Bristol-Bristol, TN-VA [28700]	0.45	0.64	0.51	0.58	0.68	0.572	-369	13	0.04	82
40	Kingston, NY [28740]	1.07	0.99	0.92	1.02	1.01	1.002	-587	-2	-0.009	240
105	Knoxville, TN [28940]	0.48	0.42	0.42	0.49	0.61	0.484	4919	30	0.033	102
169	Lafayette, LA [29180]	0.17	0.21	0.23	0.17	0.3	0.216	4553	12	0.022	135
238	Lake Charles, LA [29340]	0.03	0.06	0.08	0.08	0.04	0.058	1042	1	0.004	203
242	Lake Havasu City-Kingman, AZ [29420]	0.06	0.06	0.03	0.03	0.05	0.046	656	-1	-0.005	236
196	Lakeland, FL [29460]	0.09	0.12	0.17	0.16	0.16	0.14	7854	11	0.018	148
113	Lancaster, PA [29540]	0.41	0.43	0.46	0.48	0.44	0.444	3420	8	0.011	176
130	Lansing-East Lansing, MI [29620]	0.36	0.35	0.35	0.4	0.45	0.382	1521	12	0.023	130

19	Laredo, TX [29700]	1.41	1.54	1.9	2.15	2.46	1.892	4089	78	0.271	6
135	Las Cruces, NM [29740]	0.28	0.32	0.38	0.38	0.38	0.348	969	6	0.026	123
167	Las Vegas-Paradise, NV [29820]	0.16	0.17	0.22	0.27	0.28	0.22	29898	75	0.034	100
48	Lexington-Fayette, KY [30460]	1.08	0.9	0.96	0.81	0.86	0.922	5504	-21	-0.053	247
131	Lincoln, NE [30700]	0.29	0.35	0.43	0.42	0.42	0.382	4125	12	0.033	103
194	Little Rock-North Little Rock-Conway, AR [30780]	0.15	0.14	0.14	0.12	0.16	0.142	7233	1	0	226
187	Longview, TX [30980]	0.15	0.15	0.13	0.18	0.23	0.168	721	4	0.019	145
140	Louisville/Jefferson County, KY-IN [31140]	0.29	0.26	0.32	0.34	0.4	0.322	8529	43	0.03	111
205	Lubbock, TX [31180]	0.09	0.07	0.11	0.14	0.17	0.116	3607	8	0.023	131
150	Lynchburg, VA [31340]	0.22	0.23	0.25	0.38	0.37	0.29	1304	12	0.045	65
203	Macon, GA [31420]	0.09	0.08	0.09	0.13	0.22	0.122	-521	7	0.031	108
26	Madison, WI [31540]	1.33	1.24	1.23	1.37	1.47	1.328	7039	35	0.041	76
22	Manchester-Nashua, NH [31700]	1.53	1.64	1.52	1.76	2.06	1.702	1060	49	0.118	17
250	McAllen-Edinburg-Mission, TX [32580]	0.01	0.01	0.02	0.01	0.02	0.014	13624	3	0.002	217
162	Medford, OR [32780]	0.23	0.12	0.27	0.23	0.33	0.236	1749	7	0.031	109
142	Memphis, TN-MS-AR [32820]	0.29	0.31	0.32	0.34	0.34	0.32	4572	19	0.013	165
224	Merced, CA [32900]	0.05	0.07	0.08	0.09	0.12	0.082	2490	4	0.016	154
168	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	0.18	0.2	0.22	0.24	0.26	0.22	88693	136	0.02	139
148	Midland, TX [33260]	0.28	0.33	0.23	0.25	0.42	0.302	5148	5	0.02	140
75	Milwaukee-Waukesha-West Allis, WI [33340]	0.63	0.59	0.62	0.7	0.7	0.648	4170	42	0.025	127
58	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	0.67	0.72	0.73	0.86	0.91	0.778	36491	240	0.062	42
219	Mobile, AL [33660]	0.09	0.06	0.08	0.12	0.08	0.086	566	2	0.004	204
53	Modesto, CA [33700]	0.67	0.75	0.73	0.89	1.03	0.814	4310	49	0.086	28
223	Monroe, LA [33740]	0.08	0.07	0.1	0.09	0.08	0.084	607	1	0.002	218
218	Montgomery, AL [33860]	0.08	0.06	0.06	0.12	0.11	0.086	-681	5	0.012	171
141	Muskegon-Norton Shores, MI [34740]	0.23	0.38	0.28	0.27	0.44	0.32	257	6	0.031	110
241	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	0.05	0.05	0.05	0.06	0.06	0.054	10097	2	0.003	209
151	Naples-Marco Island, FL [34940]	0.2	0.25	0.29	0.34	0.34	0.284	6671	14	0.037	92
163	Nashville-Davidson--Murfreesboro--Franklin, TN [34980]	0.22	0.23	0.21	0.24	0.26	0.232	30380	23	0.009	187
39	New Haven-Milford, CT [35300]	0.96	0.94	0.94	1.07	1.13	1.008	-344	40	0.047	58
200	New Orleans-Metairie-Kenner, LA [35380]	0.13	0.13	0.12	0.15	0.14	0.134	15168	9	0.004	205
86	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	0.52	0.51	0.56	0.64	0.68	0.582	129690	948	0.045	66
49	Niles-Benton Harbor, MI [35660]	0.66	0.86	0.94	1.02	1.11	0.918	-439	16	0.106	24

63	Norwich-New London, CT [35980]	0.64	0.62	0.76	0.78	0.87	0.734	-84	17	0.062	43
201	Ocala, FL [36100]	0.09	0.08	0.13	0.18	0.18	0.132	1939	9	0.028	115
143	Ogden-Clearfield, UT [36260]	0.31	0.33	0.3	0.35	0.31	0.32	8662	4	0.002	219
189	Oklahoma City, OK [36420]	0.14	0.16	0.16	0.16	0.16	0.156	21128	8	0.004	206
160	Olympia, WA [36500]	0.23	0.23	0.19	0.28	0.27	0.24	3325	4	0.013	166
133	Omaha-Council Bluffs, NE-IA [36540]	0.29	0.32	0.37	0.4	0.47	0.37	9673	41	0.044	67
138	Orlando-Kissimmee, FL [36740]	0.3	0.29	0.34	0.35	0.37	0.33	46900	56	0.02	141
11	Oshkosh-Neenah, WI [36780]	2.95	3.16	2.63	2.71	2.89	2.868	683	-7	-0.057	248
27	Oxnard-Thousand Oaks-Ventura, CA [37100]	1.16	1.27	1.32	1.36	1.47	1.316	5571	66	0.071	36
34	Palm Bay-Melbourne-Titusville, FL [37340]	1.07	0.98	1.2	1.29	1.49	1.206	3402	68	0.115	20
174	Panama City-Lynn Haven, FL [37460]	0.15	0.11	0.28	0.24	0.21	0.198	2582	5	0.025	128
212	Pensacola-Ferry Pass-Brent, FL [37860]	0.09	0.13	0.11	0.09	0.11	0.106	6352	0	0	227
23	Peoria, IL [37900]	1.2	1.47	1.34	1.35	1.66	1.404	411	31	0.08	32
70	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	0.63	0.6	0.64	0.73	0.76	0.672	21079	250	0.039	87
65	Phoenix-Mesa-Scottsdale, AZ [38060]	0.7	0.7	0.73	0.75	0.79	0.734	74242	157	0.023	132
77	Pittsburgh, PA [38300]	0.54	0.57	0.6	0.68	0.69	0.616	25	101	0.041	77
132	Port St. Lucie, FL [38940]	0.29	0.34	0.34	0.46	0.43	0.372	5003	19	0.04	83
114	Portland-South Portland-Biddeford, ME [38860]	0.47	0.4	0.38	0.49	0.46	0.44	2327	5	0.007	195
31	Portland-Vancouver-Beaverton, OR-WA [38900]	1.14	1.16	1.19	1.35	1.45	1.258	29904	227	0.081	30
181	Prescott, AZ [39140]	0.13	0.14	0.21	0.21	0.23	0.184	1982	6	0.027	117
104	Providence-New Bedford-Fall River, RI-MA [39300]	0.43	0.45	0.5	0.53	0.57	0.496	2140	60	0.036	94
44	Provo-Orem, UT [39340]	0.88	0.86	0.93	1.01	1.17	0.97	11115	51	0.073	35
232	Pueblo, CO [39380]	0.09	0.06	0.1	0.03	0.07	0.07	673	-1	-0.007	238
191	Punta Gorda, FL [39460]	0.18	0.13	0.16	0.18	0.1	0.15	2232	-1	-0.011	242
24	Racine, WI [39540]	1.35	1.37	1.36	1.29	1.57	1.388	-55	7	0.036	95
13	Raleigh-Cary, NC [39580]	2.32	2.39	2.31	2.45	2.63	2.42	27706	150	0.068	39
88	Reading, PA [39740]	0.52	0.51	0.55	0.65	0.63	0.572	557	15	0.036	96
207	Redding, CA [39820]	0.1	0.1	0.1	0.14	0.13	0.114	634	2	0.01	181
42	Reno-Sparks, NV [39900]	0.85	0.86	1.02	1.13	1.09	0.99	4600	37	0.075	33
123	Richmond, VA [40060]	0.43	0.39	0.39	0.45	0.44	0.42	13113	16	0.008	191
179	Riverside-San Bernardino-Ontario, CA [40140]	0.17	0.17	0.18	0.2	0.22	0.188	52198	66	0.013	167
128	Roanoke, VA [40220]	0.3	0.37	0.44	0.34	0.52	0.394	1237	13	0.041	78
7	Rochester, MN [40340]	3.66	3.58	3.82	4.1	4.03	3.838	1508	32	0.126	15

20	Rochester, NY [40380]	1.87	1.75	1.86	1.93	2.02	1.886	926	55	0.048	55
94	Rockford, IL [40420]	0.41	0.51	0.52	0.64	0.63	0.542	-1718	19	0.057	48
124	Sacramento--Arden-Arcade--Roseville, CA [40900]	0.38	0.37	0.39	0.44	0.48	0.412	23232	69	0.027	118
71	Saginaw-Saginaw Township North, MI [40980]	0.59	0.67	0.61	0.74	0.75	0.672	-1247	7	0.039	88
156	Salem, OR [41420]	0.25	0.27	0.24	0.29	0.25	0.26	3155	3	0.002	220
147	Salinas, CA [41500]	0.26	0.27	0.27	0.31	0.4	0.302	4030	16	0.032	104
243	Salisbury, MD [41540]	0.02	0.06	0.06	0.04	0.04	0.044	3926	1	0.002	221
62	Salt Lake City, UT [41620]	0.66	0.66	0.73	0.82	0.89	0.752	16488	83	0.062	44
149	San Antonio, TX [41700]	0.23	0.25	0.31	0.32	0.37	0.296	46025	96	0.035	97
18	San Diego-Carlsbad-San Marcos, CA [41740]	1.62	1.69	1.93	2.29	2.52	2.01	41702	844	0.24	7
8	San Francisco-Oakland-Fremont, CA [41860]	2.74	2.77	3.05	3.68	4.28	3.304	64681	2008	0.399	5
1	San Jose-Sunnyvale-Santa Clara, CA [41940]	8.35	8.43	8.83	10.37	12.15	9.626	29034	2098	0.954	1
118	San Luis Obispo-Paso Robles, CA [42020]	0.39	0.41	0.39	0.45	0.52	0.432	2401	9	0.03	112
4	Santa Cruz-Watsonville, CA [42100]	3.95	4.11	4.37	5.3	5.93	4.732	2336	149	0.515	2
60	Santa Rosa-Petaluma, CA [42220]	0.75	0.72	0.74	0.77	0.86	0.768	4053	16	0.027	119
210	Savannah, GA [42340]	0.08	0.13	0.1	0.11	0.14	0.112	6033	4	0.01	182
208	Scranton--Wilkes-Barre, PA [42540]	0.1	0.1	0.12	0.11	0.14	0.114	-998	4	0.009	188
12	Seattle-Tacoma-Bellevue, WA [42660]	2.43	2.27	2.46	2.73	3.17	2.612	57893	853	0.194	10
214	Shreveport-Bossier City, LA [43340]	0.08	0.07	0.12	0.08	0.1	0.09	1246	2	0.005	199
204	Sioux City, IA-NE-SD [43580]	0.13	0.1	0.12	0.14	0.12	0.122	33	1	0.002	222
154	Sioux Falls, SD [43620]	0.14	0.24	0.21	0.38	0.38	0.27	5115	16	0.062	45
66	South Bend-Mishawaka, IN-MI [43780]	0.58	0.65	0.76	0.72	0.87	0.716	-69	21	0.065	41
69	Spartanburg, SC [43900]	0.52	0.72	0.69	0.72	0.78	0.686	2035	18	0.052	50
152	Spokane, WA [44060]	0.25	0.24	0.26	0.34	0.31	0.28	3224	13	0.022	136
180	Springfield, IL [44100]	0.23	0.14	0.12	0.19	0.26	0.188	280	2	0.011	177
127	Springfield, MA [44140]	0.34	0.36	0.43	0.43	0.44	0.4	1736	18	0.027	120
211	Springfield, MO [44180]	0.09	0.12	0.1	0.14	0.11	0.112	3965	4	0.006	197
177	St. Cloud, MN [41060]	0.12	0.22	0.21	0.15	0.24	0.188	792	3	0.017	151
172	St. Louis, MO-IL [41180]	0.18	0.19	0.2	0.22	0.23	0.204	4487	38	0.013	168
38	State College, PA [44300]	0.97	0.8	1.06	1.17	1.32	1.064	1250	18	0.107	23
165	Stockton, CA [44700]	0.19	0.22	0.19	0.25	0.26	0.222	7013	12	0.017	152
99	Syracuse, NY [45060]	0.43	0.49	0.56	0.58	0.59	0.53	-195	28	0.041	79
137	Tallahassee, FL [45220]	0.31	0.23	0.35	0.43	0.35	0.334	1910	11	0.028	116

155	Tampa-St. Petersburg-Clearwater, FL [45300]	0.22	0.25	0.25	0.28	0.34	0.268	30972	88	0.027	121
209	Terre Haute, IN [45460]	0.1	0.09	0.18	0.12	0.08	0.114	-227	0	-0.001	233
117	Toledo, OH [45780]	0.37	0.37	0.41	0.49	0.52	0.432	-626	26	0.042	72
78	Topeka, KS [45820]	0.52	0.48	0.66	0.59	0.81	0.612	-101	16	0.069	38
21	Trenton-Ewing, NJ [45940]	1.68	1.57	1.75	2.14	2.26	1.88	1315	67	0.173	12
46	Tucson, AZ [46060]	0.86	0.94	0.89	0.94	1.09	0.944	5843	50	0.046	60
122	Tulsa, OK [46140]	0.39	0.41	0.39	0.47	0.44	0.42	7998	20	0.016	155
206	Tuscaloosa, AL [46220]	0.09	0.09	0.13	0.08	0.18	0.114	1923	4	0.017	153
157	Tyler, TX [46340]	0.16	0.21	0.28	0.31	0.3	0.252	2216	9	0.038	89
183	Utica-Rome, NY [46540]	0.16	0.22	0.17	0.2	0.17	0.184	-637	0	0	228
76	Vallejo-Fairfield, CA [46700]	0.57	0.58	0.63	0.68	0.76	0.644	4384	24	0.048	56
237	Vineland-Millville-Bridgeton, NJ [47220]	0.08	0.06	0.05	0.07	0.03	0.058	52	-2	-0.009	241
186	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	0.18	0.13	0.18	0.16	0.19	0.168	10000	11	0.005	200
235	Visalia-Porterville, CA [47300]	0.07	0.05	0.06	0.07	0.07	0.064	3893	1	0.002	223
222	Waco, TX [47380]	0.04	0.11	0.07	0.08	0.12	0.084	1868	4	0.013	169
246	Warner Robins, GA [47580]	0.03	0.03	0.03	0.06	0.03	0.036	1858	1	0.003	210
85	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	0.54	0.55	0.55	0.61	0.67	0.584	98446	251	0.032	105
121	Waterloo-Cedar Falls, IA [47940]	0.4	0.37	0.44	0.51	0.39	0.422	557	2	0.012	172
145	Wichita, KS [48620]	0.25	0.26	0.3	0.33	0.39	0.306	2530	22	0.035	98
126	Wilmington, NC [48900]	0.27	0.37	0.38	0.45	0.57	0.408	4429	19	0.068	40
120	Winston-Salem, NC [49180]	0.39	0.32	0.42	0.48	0.5	0.422	3570	26	0.038	90
33	Worcester, MA [49340]	1.03	1.07	1.16	1.36	1.47	1.218	3281	112	0.117	18
240	Yakima, WA [49420]	0.03	0.04	0.06	0.08	0.06	0.054	1005	2	0.01	183
95	York-Hanover, PA [49620]	0.53	0.54	0.5	0.52	0.59	0.536	1409	5	0.01	184
171	Youngstown-Warren-Boardman, OH-PA [49660]	0.24	0.22	0.2	0.21	0.18	0.21	-3138	-7	-0.013	243
57	Yuba City, CA [49700]	0.87	0.6	0.76	0.9	0.8	0.786	714	3	0.016	156
244	Yuma, AZ [49740]	0.01	0.03	0.06	0.04	0.07	0.042	1440	3	0.013	170

PATENT OWNING ENTITIES:

Rank	Metro Region	Companies	Foundations	Governmental	Higher Ed	Total
231	Abilene, TX [10180]	15				15
40	Akron, OH [10420]	425	5		5	435
237	Albany, GA [10500]	13				13
63	Albany-Schenectady-Troy, NY [10580]	233	8		22	263
69	Albuquerque, NM [10740]	230			7	237
71	Allentown-Bethlehem-Easton, PA-NJ [10900]	228			2	230
217	Amarillo, TX [11100]	19				19
200	Anchorage, AK [11260]	29			1	30
44	Ann Arbor, MI [11460]	386			18	404
76	Appleton, WI [11540]	197			1	198
151	Asheville, NC [11700]	64				64
158	Athens-Clarke County, GA [12020]	41	3		11	55
11	Atlanta-Sandy Springs-Marietta, GA [12060]	1614	3	2	12	1631
218	Atlantic City, NJ [12100]	18			1	19
163	Augusta-Richmond County, GA-SC [12260]	48		1	5	54
20	Austin-Round Rock, TX [12420]	903	4		42	949
143	Bakersfield, CA [12540]	71				71
26	Baltimore-Towson, MD [12580]	637	4		26	667
183	Barnstable Town, MA [12700]	42				42
101	Baton Rouge, LA [12940]	92			25	117
229	Beaumont-Port Arthur, TX [13140]	15			1	16
138	Bellingham, WA [13380]	75			1	76
164	Bend, OR [13460]	54				54
207	Billings, MT [13740]	24			2	26
159	Binghamton, NY [13780]	46	3		6	55
95	Birmingham-Hoover, AL [13820]	119	3		6	128
112	Blacksburg-Christiansburg-Radford, VA [13980]	96	2		3	101
179	Bloomington, IN [14020]	40			4	44
78	Boise City-Nampa, ID [14260]	193	1		1	195
4	Boston-Cambridge-Quincy, MA-NH [14460]	3864	9	1	44	3918
21	Boulder, CO [14500]	852	1		18	871
223	Bowling Green, KY [14540]	15			2	17
147	Bremerton-Silverdale, WA [14740]	67	1			68
23	Bridgeport-Stamford-Norwalk, CT [14860]	703	0		2	705
248	Brownsville-Harlingen, TX [15180]	6				6

74	Buffalo-Niagara Falls, NY [15380]	215			1	216
166	Burlington, NC [15500]	51				51
119	Burlington-South Burlington, VT [15540]	88			7	95
100	Canton-Massillon, OH [15940]	122				122
90	Cape Coral-Fort Myers, FL [15980]	146			1	147
126	Cedar Rapids, IA [16300]	84			1	85
116	Champaign-Urbana, IL [16580]	59	1		39	99
232	Charleston, WV [16620]	15				15
133	Charleston-North Charleston, SC [16700]	74	4		3	81
37	Charlotte-Gastonia-Concord, NC-SC [16740]	492	1		2	495
134	Charlottesville, VA [16820]	77			3	80
104	Chattanooga, TN-GA [16860]	111			1	112
5	Chicago-Naperville-Joliet, IL-IN-WI [16980]	3227	7		26	3260
206	Chico, CA [17020]	27	1			28
22	Cincinnati-Middletown, OH-KY-IN [17140]	825	2		6	833
240	Clarksville, TN-KY [17300]	10				10
18	Cleveland-Elyria-Mentor, OH [17460]	1006	8		12	1026
156	College Station-Bryan, TX [17780]	49			7	56
89	Colorado Springs, CO [17820]	148				148
196	Columbia, MO [17860]	24			9	33
124	Columbia, SC [17900]	84			5	89
219	Columbus, GA-AL [17980]	19				19
38	Columbus, OH [18140]	454	6		11	471
204	Corpus Christi, TX [18580]	29				29
9	Dallas-Fort Worth-Arlington, TX [19100]	1930	1		19	1950
140	Davenport-Moline-Rock Island, IA-IL [19340]	74				74
65	Dayton, OH [19380]	243			2	245
141	Deltona-Daytona Beach-Ormond Beach, FL [19660]	71		1	2	74
14	Denver-Aurora, CO [19740]	1338	2		26	1366
84	Des Moines-West Des Moines, IA [19780]	159	1			160
13	Detroit-Warren-Livonia, MI [19820]	1447	1	1	7	1456
62	Dover, DE [20100]	267	2		1	270
194	Duluth, MN-WI [20260]	34				34
29	Durham, NC [20500]	629	1		22	652
195	Eau Claire, WI [20740]	34				34
249	El Centro, CA [20940]	2				2
193	El Paso, TX [21340]	35			1	36
98	Elkhart-Goshen, IN [21140]	123				123
157	Erie, PA [21500]	56				56
117	Eugene-Springfield, OR [21660]	90			8	98
190	Evansville, IN-KY [21780]	38			1	39
160	Fargo, ND-MN [22020]	50	3		2	55
214	Fayetteville, NC [22180]	20			1	21
136	Fayetteville-Springdale-Rogers, AR-MO [22220]	72			5	77

168	Flint, MI [22420]	48	1		1	50
224	Florence, SC [22500]	17				17
57	Fort Collins-Loveland, CO [22660]	294			2	296
225	Fort Smith, AR-OK [22900]	17				17
93	Fort Wayne, IN [23060]	131	1			132
146	Fresno, CA [23420]	67			2	69
118	Gainesville, FL [23540]	75	4		18	97
161	Gainesville, GA [23580]	54			1	55
54	Grand Rapids-Wyoming, MI [24340]	306	1			307
41	Greeley, CO [24540]	418			2	420
102	Green Bay, WI [24580]	115				115
67	Greensboro-High Point, NC [24660]	232			6	238
188	Greenville, NC [24780]	39			1	40
82	Greenville-Mauldin-Easley, SC [24860]	172			4	176
243	Gulfport-Biloxi, MS [25060]	8				8
210	Hagerstown-Martinsburg, MD-WV [25180]	23				23
125	Harrisburg-Carlisle, PA [25420]	85			1	86
43	Hartford-West Hartford-East Hartford, CT [25540]	397			8	405
127	Hickory-Lenoir-Morganton, NC [25860]	85				85
212	Houma-Bayou Cane-Thibodaux, LA [26380]	22				22
10	Houston-Sugar Land-Baytown, TX [26420]	1815	3		27	1845
213	Huntington-Ashland, WV-KY-OH [26580]	20			2	22
87	Huntsville, AL [26620]	144			9	153
33	Indianapolis-Carmel, IN [26900]	552			16	568
129	Iowa City, IA [26980]	75	1		8	84
184	Jackson, MI [27100]	40			1	41
191	Jackson, MS [27140]	36			3	39
81	Jacksonville, FL [27260]	175	2		3	180
250	Jacksonville, NC [27340]	2				2
144	Janesville, WI [27500]	71				71
175	Johnson City, TN [27740]	45			1	46
201	Joplin, MO [27900]	30				30
99	Kalamazoo-Portage, MI [28020]	119	1		3	123
32	Kansas City, MO-KS [28140]	568	1		8	577
169	Kennewick-Richland-Pasco, WA [28420]	50				50
215	Killeen-Temple-Fort Hood, TX [28660]	20	1			21
149	Kingsport-Bristol-Bristol, TN-VA [28700]	66			1	67
181	Kingston, NY [28740]	43				43
73	Knoxville, TN [28940]	207	1		15	223
131	Lafayette, LA [29180]	81			1	82
242	Lake Charles, LA [29340]	9				9
246	Lake Havasu City-Kingman, AZ [29420]	7				7
148	Lakeland, FL [29460]	68				68
110	Lancaster, PA [29540]	104			1	105

113	Lansing-East Lansing, MI [29620]	92			9	101
59	Laredo, TX [29700]	270	1		4	275
176	Las Cruces, NM [29740]	43			2	45
24	Las Vegas-Paradise, NV [29820]	691	0		9	700
96	Lexington-Fayette, KY [30460]	117			10	127
137	Lincoln, NE [30700]	60			17	77
114	Little Rock-North Little Rock-Conway, AR [30780]	79			22	101
185	Longview, TX [30980]	41				41
70	Louisville/Jefferson County, KY-IN [31140]	227	1		5	233
186	Lubbock, TX [31180]	37			4	41
189	Lynchburg, VA [31340]	39			1	40
211	Macon, GA [31420]	21			2	23
51	Madison, WI [31540]	312	13		2	327
60	Manchester-Nashua, NH [31700]	275				275
233	McAllen-Edinburg-Mission, TX [32580]	15				15
172	Medford, OR [32780]	47			1	48
77	Memphis, TN-MS-AR [32820]	191			6	197
238	Merced, CA [32900]	13				13
15	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	1309	1		13	1323
174	Midland, TX [33260]	47				47
25	Milwaukee-Waukesha-West Allis, WI [33340]	656	8		5	669
17	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	1264	5		7	1276
205	Mobile, AL [33660]	27	1		1	29
92	Modesto, CA [33700]	134			1	135
241	Monroe, LA [33740]	8			2	10
197	Montgomery, AL [33860]	32			1	33
165	Muskegon-Norton Shores, MI [34740]	54				54
239	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	12				12
120	Naples-Marco Island, FL [34940]	95				95
56	Nashville-Davidson--Murfreesboro--Franklin, TN [34980]	292			6	298
46	New Haven-Milford, CT [35300]	367			3	370
91	New Orleans-Metairie-Kenner, LA [35380]	128	2		11	141
1	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	6367	20	2	95	6484
199	Niles-Benton Harbor, MI [35660]	32				32
170	Norwich-New London, CT [35980]	49			1	50
202	Ocala, FL [36100]	30				30
103	Ogden-Clearfield, UT [36260]	114			1	115
79	Oklahoma City, OK [36420]	177	3		12	192
226	Olympia, WA [36500]	16	1			17
68	Omaha-Council Bluffs, NE-IA [36540]	213	1		24	238
45	Orlando-Kissimmee, FL [36740]	369	2		18	389
105	Oshkosh-Neenah, WI [36780]	110			1	111
28	Oxnard-Thousand Oaks-Ventura, CA [37100]	658	0		0	658
48	Palm Bay-Melbourne-Titusville, FL [37340]	329	3		18	350

244	Panama City-Lynn Haven, FL [37460]	8				8
198	Pensacola-Ferry Pass-Brent, FL [37860]	33				33
152	Peoria, IL [37900]	62	1		1	64
6	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	2964	18		38	3020
16	Phoenix-Mesa-Scottsdale, AZ [38060]	1228	1		49	1278
27	Pittsburgh, PA [38300]	618	3		38	659
94	Port St. Lucie, FL [38940]	129				129
88	Portland-South Portland-Biddeford, ME [38860]	150			1	151
19	Portland-Vancouver-Beaverton, OR-WA [38900]	946	1	1	20	968
203	Prescott, AZ [39140]	30				30
34	Providence-New Bedford-Fall River, RI-MA [39300]	546	2		5	553
52	Provo-Orem, UT [39340]	312			6	318
235	Pueblo, CO [39380]	14				14
220	Punta Gorda, FL [39460]	18				18
111	Racine, WI [39540]	105				105
31	Raleigh-Cary, NC [39580]	585			12	597
132	Reading, PA [39740]	82				82
234	Redding, CA [39820]	15				15
39	Reno-Sparks, NV [39900]	433	5		24	462
61	Richmond, VA [40060]	264			8	272
35	Riverside-San Bernardino-Ontario, CA [40140]	523	2		4	529
145	Roanoke, VA [40220]	66	3		1	70
180	Rochester, MN [40340]	39	5			44
42	Rochester, NY [40380]	407	2		6	415
121	Rockford, IL [40420]	92				92
53	Sacramento--Arden-Arcade--Roseville, CA [40900]	304			4	308
162	Saginaw-Saginaw Township North, MI [40980]	55				55
171	Salem, OR [41420]	50				50
109	Salinas, CA [41500]	107				107
227	Salisbury, MD [41540]	16			1	17
30	Salt Lake City, UT [41620]	629	4		11	644
50	San Antonio, TX [41700]	323	1		6	330
8	San Diego-Carlsbad-San Marcos, CA [41740]	2285	4		12	2301
3	San Francisco-Oakland-Fremont, CA [41860]	4424	8		98	4530
2	San Jose-Sunnyvale-Santa Clara, CA [41940]	4726	7		49	4782
122	San Luis Obispo-Paso Robles, CA [42020]	87			4	91
58	Santa Cruz-Watsonville, CA [42100]	276				276
72	Santa Rosa-Petaluma, CA [42220]	228				228
177	Savannah, GA [42340]	45				45
173	Scranton--Wilkes-Barre, PA [42540]	47			1	48
12	Seattle-Tacoma-Bellevue, WA [42660]	1581	2		17	1600
182	Shreveport-Bossier City, LA [43340]	39			4	43
221	Sioux City, IA-NE-SD [43580]	18				18
178	Sioux Falls, SD [43620]	45				45

83	South Bend-Mishawaka, IN-MI [43780]	153			8	161
128	Spartanburg, SC [43900]	85				85
107	Spokane, WA [44060]	107	1			108
209	Springfield, IL [44100]	20			4	24
97	Springfield, MA [44140]	121	1		4	126
150	Springfield, MO [44180]	65				65
222	St. Cloud, MN [41060]	18				18
47	St. Louis, MO-IL [41180]	361			5	366
142	State College, PA [44300]	64	6		4	74
130	Stockton, CA [44700]	81		1	2	84
85	Syracuse, NY [45060]	152	1		2	155
154	Tallahassee, FL [45220]	45	1		13	59
36	Tampa-St. Petersburg-Clearwater, FL [45300]	487	1		10	498
236	Terre Haute, IN [45460]	13			1	14
75	Toledo, OH [45780]	202			7	209
135	Topeka, KS [45820]	72	1		6	79
49	Trenton-Ewing, NJ [45940]	334			8	342
64	Tucson, AZ [46060]	243			18	261
66	Tulsa, OK [46140]	240			1	241
216	Tuscaloosa, AL [46220]	15			6	21
167	Tyler, TX [46340]	51				51
153	Utica-Rome, NY [46540]	60				60
139	Vallejo-Fairfield, CA [46700]	73			3	76
230	Vineland-Millville-Bridgeton, NJ [47220]	16				16
80	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	175	2		10	187
187	Visalia-Porterville, CA [47300]	41				41
208	Waco, TX [47380]	23			2	25
245	Warner Robins, GA [47580]	8				8
7	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	1973	16	372	32	2393
192	Waterloo-Cedar Falls, IA [47940]	36			1	37
106	Wichita, KS [48620]	110			1	111
155	Wilmington, NC [48900]	55			2	57
86	Winston-Salem, NC [49180]	149			6	155
55	Worcester, MA [49340]	300			4	304
228	Yakima, WA [49420]	17				17
123	York-Hanover, PA [49620]	91				91
115	Youngstown-Warren-Boardman, OH-PA [49660]	98			2	100
108	Yuba City, CA [49700]	107			1	108
247	Yuma, AZ [49740]	7				7

New Patent Owning Companies Per Year:

Rank	Metro Region	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	Trend	Trend Rank
228	Abilene, TX [10180]	2	0	2	6	0	1	0	3	0	1	15	-0.133	150
40	Akron, OH [10420]	78	54	38	33	49	45	25	31	37	35	425	-1.783	238
236	Albany, GA [10500]	3	1	0	0	1	1	2	1	2	2	13	0.217	73
66	Albany-Schenectady-Troy, NY [10580]	44	33	16	19	23	18	19	18	16	27	233	-0.5	198
68	Albuquerque, NM [10740]	42	28	18	18	21	18	21	22	11	31	230	-0.017	123
69	Allentown-Bethlehem-Easton, PA-NJ [10900]	43	23	23	33	18	24	14	15	15	20	228	-1.267	226
216	Amarillo, TX [11100]	2	1	2	2	1	1	1	2	3	4	19	0.25	70
202	Anchorage, AK [11260]	1	2	0	3	3	3	2	3	8	4	29	0.517	46
44	Ann Arbor, MI [11460]	50	50	39	32	29	42	28	48	34	34	386	-0.8	215
76	Appleton, WI [11540]	43	38	13	16	14	16	10	19	12	16	197	-1.483	233
148	Asheville, NC [11700]	15	7	5	4	6	5	9	2	6	5	64	-0.1	146
180	Athens-Clarke County, GA [12020]	4	8	2	5	2	3	5	2	5	5	41	-0.1	142
11	Atlanta-Sandy Springs-Marietta, GA [12060]	252	185	156	133	132	130	159	139	160	168	1614	-0.283	174
218	Atlantic City, NJ [12100]	3	2	0	3	0	3	2	1	2	2	18	0.067	96
167	Augusta-Richmond County, GA-SC [12260]	5	7	6	4	4	7	3	3	5	4	48	-0.3	175
20	Austin-Round Rock, TX [12420]	132	107	65	50	75	89	86	86	92	121	903	3.667	8
139	Bakersfield, CA [12540]	10	10	10	7	5	5	9	5	7	3	71	-0.617	206
27	Baltimore-Towson, MD [12580]	110	71	60	38	50	68	43	60	58	79	637	1.05	27
179	Barnstable Town, MA [12700]	8	6	6	2	2	2	1	2	5	8	42	0.067	98
114	Baton Rouge, LA [12940]	8	11	9	9	7	4	4	7	14	19	92	0.667	36
229	Beaumont-Port Arthur, TX [13140]	4	4	2	0	0	1	1	1	1	1	15	-0.2	160
131	Bellingham, WA [13380]	9	14	5	6	5	5	7	8	4	12	75	-0.083	136
157	Bend, OR [13460]	9	7	7	5	5	7	2	5	5	2	54	-0.483	194
206	Billings, MT [13740]	1	7	2	0	2	4	1	2	3	2	24	-0.233	164
172	Binghamton, NY [13780]	13	4	8	3	3	3	6	3	1	2	46	-0.433	190

98	Birmingham-Hoover, AL [13820]	22	13	13	9	12	11	8	9	7	15	119	-0.233	166
112	Blacksburg-Christiansburg-Radford, VA [13980]	25	9	6	5	6	14	10	5	7	9	96	0.117	86
183	Bloomington, IN [14020]	4	4	3	3	4	7	3	4	5	3	40	0.05	100
77	Boise City-Nampa, ID [14260]	34	33	18	16	20	15	15	10	15	17	193	-1.5	234
4	Boston-Cambridge-Quincy, MA-NH [14460]	695	488	346	320	262	329	324	341	414	345	3864	-4.4	248
21	Boulder, CO [14500]	140	83	67	69	64	80	73	85	86	105	852	3.1	10
230	Bowling Green, KY [14540]	5	0	3	1	0	0	2	1	1	2	15	0.067	97
143	Bremerton-Silverdale, WA [14740]	9	9	3	3	9	7	6	8	5	8	67	0.15	79
23	Bridgeport-Stamford-Norwalk, CT [14860]	153	101	68	42	60	51	58	55	49	66	703	-2.883	242
248	Brownsville-Harlingen, TX [15180]	1	1	0	2	0	0	0	0	1	1	6	-0.017	120
72	Buffalo-Niagara Falls, NY [15380]	45	28	23	12	18	19	15	22	15	18	215	-0.783	214
160	Burlington, NC [15500]	7	4	8	3	1	3	7	5	8	5	51	0.233	71
119	Burlington-South Burlington, VT [15540]	12	11	13	1	10	8	7	7	7	12	88	-0.083	139
96	Canton-Massillon, OH [15940]	28	16	12	8	8	13	7	7	9	14	122	-0.333	183
89	Cape Coral-Fort Myers, FL [15980]	11	14	10	9	12	12	17	18	17	26	146	1.533	23
124	Cedar Rapids, IA [16300]	16	6	9	7	8	4	7	4	10	13	84	0.4	60
153	Champaign-Urbana, IL [16580]	8	8	6	0	6	4	5	8	10	4	59	0.183	74
231	Charleston, WV [16620]	1	1	3	0	1	2	3	1	1	2	15	0.033	107
134	Charleston-North Charleston, SC [16700]	10	5	6	5	6	5	8	8	9	12	74	0.75	33
36	Charlotte-Gastonia-Concord, NC-SC [16740]	75	59	42	45	40	35	42	42	54	58	492	0.467	52
130	Charlottesville, VA [16820]	10	11	5	6	4	8	11	8	9	5	77	-0.017	121
103	Chattanooga, TN-GA [16860]	20	12	13	5	9	8	10	8	16	10	111	0.133	83
5	Chicago-Naperville-Joliet, IL-IN-WI [16980]	627	419	305	256	233	258	255	278	291	286	3208	-8.467	250
204	Chico, CA [17020]	1	3	4	5	2	3	2	3	3	1	27	-0.25	169
22	Cincinnati-Middletown, OH-KY-IN [17140]	132	125	66	82	67	85	63	67	65	73	825	-4.083	247
240	Clarksville, TN-KY [17300]	4	2	0	0	2	0	0	1	0	1	10	-0.067	133
18	Cleveland-Elyria-Mentor, OH [17460]	196	131	93	73	84	97	84	81	96	71	1006	-3.583	245
165	College Station-Bryan, TX [17780]	9	6	8	1	1	6	6	3	5	4	49	-0.133	151
88	Colorado Springs, CO [17820]	29	7	17	14	15	15	17	11	8	15	148	0.017	117
207	Columbia, MO [17860]	3	4	2	1	3	4	2	3	2	0	24	-0.217	162
125	Columbia, SC [17900]	18	15	7	8	5	8	4	10	3	6	84	-0.75	212
217	Columbus, GA-AL [17980]	3	1	2	1	2	6	1	2	1	0	19	-0.1	143
38	Columbus, OH [18140]	82	60	35	39	32	46	45	33	38	44	454	-0.9	219

203	Corpus Christi, TX [18580]	4	4	3	6	1	2	0	4	3	2	29	-0.217	163
9	Dallas-Fort Worth-Arlington, TX [19100]	284	236	170	144	141	188	174	186	185	222	1930	1.767	19
135	Davenport-Moline-Rock Island, IA-IL [19340]	14	8	4	5	4	7	5	10	9	8	74	0.433	56
63	Dayton, OH [19380]	46	37	21	24	23	16	19	22	14	21	243	-1.55	235
140	Deltona-Daytona Beach-Ormond Beach, FL [19660]	14	8	12	1	6	8	5	3	8	6	71	-0.283	173
14	Denver-Aurora, CO [19740]	202	142	127	113	80	122	114	145	136	157	1338	3.083	12
83	Des Moines-West Des Moines, IA [19780]	28	19	13	18	12	18	13	11	9	18	159	-0.483	195
13	Detroit-Warren-Livonia, MI [19820]	268	198	122	108	96	155	110	115	138	137	1447	-2.8	241
61	Dover, DE [20100]	9	5	4	6	7	3	78	56	55	44	267	8	2
194	Duluth, MN-WI [20260]	4	3	3	0	3	2	5	6	3	5	34	0.367	63
28	Durham, NC [20500]	104	55	45	49	49	61	47	60	71	88	629	3.833	7
195	Eau Claire, WI [20740]	4	5	2	2	2	6	3	3	2	5	34	0.05	102
249	El Centro, CA [20940]	1	1	0	0	0	0	0	0	0	0	2	-0.067	130
193	El Paso, TX [21340]	4	5	2	4	4	1	3	5	2	5	35	0.017	114
95	Elkhart-Goshen, IN [21140]	20	16	19	14	7	13	16	6	5	7	123	-1.417	231
154	Erie, PA [21500]	10	6	7	5	2	3	7	4	6	6	56	0	118
118	Eugene-Springfield, OR [21660]	13	11	5	8	3	12	7	10	13	8	90	0.333	65
189	Evansville, IN-KY [21780]	8	1	3	6	1	2	7	4	3	3	38	0.167	77
162	Fargo, ND-MN [22020]	7	2	5	8	9	5	6	3	3	2	50	-0.317	178
212	Fayetteville, NC [22180]	5	2	3	0	1	2	1	3	2	1	20	-0.017	122
137	Fayetteville-Springdale-Rogers, AR-MO [22220]	8	13	5	5	2	3	13	11	6	6	72	-0.033	124
168	Flint, MI [22420]	7	12	5	3	4	2	3	1	3	8	48	-0.45	192
222	Florence, SC [22500]	5	2	1	1	1	2	0	2	0	3	17	0.033	112
56	Fort Collins-Loveland, CO [22660]	52	29	15	18	20	26	30	26	39	39	294	2.3	16
223	Fort Smith, AR-OK [22900]	2	2	0	0	3	3	4	1	0	2	17	0.05	101
92	Fort Wayne, IN [23060]	21	13	8	12	5	6	16	17	16	17	131	1.017	28
144	Fresno, CA [23420]	12	8	5	1	4	6	10	5	9	7	67	0.367	64
132	Gainesville, FL [23540]	11	9	8	6	5	5	8	4	9	10	75	0.1	87
158	Gainesville, GA [23580]	8	6	8	8	4	4	1	7	3	5	54	-0.4	187
53	Grand Rapids-Wyoming, MI [24340]	47	41	22	29	34	27	31	16	33	26	306	-0.933	220
41	Greeley, CO [24540]	71	40	22	28	28	36	49	44	42	58	418	3.083	11
101	Green Bay, WI [24580]	26	22	12	11	11	6	1	11	6	9	115	-1.333	227
67	Greensboro-High Point, NC [24660]	37	34	19	14	15	20	25	22	20	26	232	-0.05	129

185	Greenville, NC [24780]	3	5	5	5	3	4	2	3	4	5	39	-0.133	149
82	Greenville-Mauldin-Easley, SC [24860]	28	24	13	12	11	16	18	13	18	19	172	0.067	99
242	Gulfport-Biloxi, MS [25060]	0	1	0	1	2	1	1	0	0	2	8	0.017	113
208	Hagerstown-Martinsburg, MD-WV [25180]	4	1	4	4	1	0	3	2	3	1	23	-0.083	137
121	Harrisburg-Carlisle, PA [25420]	13	9	7	13	3	7	6	8	7	12	85	0.083	94
43	Hartford-West Hartford-East Hartford, CT [25540]	80	46	29	25	33	34	32	32	46	40	397	0.667	37
122	Hickory-Lenoir-Morganton, NC [25860]	20	11	11	8	4	3	4	8	5	11	85	-0.3	176
210	Houma-Bayou Cane-Thibodaux, LA [26380]	2	4	1	1	3	0	0	3	4	4	22	0.167	75
10	Houston-Sugar Land-Baytown, TX [26420]	265	209	175	144	119	178	157	153	204	211	1815	2.517	15
213	Huntington-Ashland, WV-KY-OH [26580]	5	2	2	4	0	1	3	1	1	1	20	-0.167	157
90	Huntsville, AL [26620]	19	20	16	10	10	16	18	6	15	14	144	-0.45	193
33	Indianapolis-Carmel, IN [26900]	95	63	46	32	41	51	45	53	64	62	552	1.6	22
133	Iowa City, IA [26980]	11	3	7	6	8	2	9	8	10	11	75	0.767	32
184	Jackson, MI [27100]	7	5	3	2	1	4	3	4	4	7	40	0.283	67
191	Jackson, MS [27140]	7	2	3	3	2	3	5	2	4	5	36	0.267	69
80	Jacksonville, FL [27260]	28	18	14	10	12	16	14	15	18	30	175	1.2	24
250	Jacksonville, NC [27340]	0	0	0	0	0	0	0	1	1	0	2	0.083	89
141	Janesville, WI [27500]	14	8	6	7	4	8	6	5	9	4	71	-0.15	155
173	Johnson City, TN [27740]	6	9	4	2	3	3	7	2	2	7	45	-0.167	156
199	Joplin, MO [27900]	2	7	2	3	3	5	1	2	2	3	30	-0.333	179
99	Kalamazoo-Portage, MI [28020]	20	13	9	13	5	9	13	9	14	14	119	0.317	66
32	Kansas City, MO-KS [28140]	85	73	61	47	40	70	32	48	51	61	568	-1.4	230
163	Kennewick-Richland-Pasco, WA [28420]	8	9	3	6	4	6	6	4	2	2	50	-0.55	202
214	Killeen-Temple-Fort Hood, TX [28660]	1	4	3	2	0	4	3	0	1	2	20	-0.25	170
145	Kingsport-Bristol-Bristol, TN-VA [28700]	11	10	11	5	4	4	9	2	4	6	66	-0.633	207
177	Kingston, NY [28740]	8	5	4	5	3	3	3	4	3	5	43	-0.083	140
74	Knoxville, TN [28940]	31	32	18	27	16	15	20	14	13	21	207	-1.35	228
127	Lafayette, LA [29180]	11	5	8	2	11	3	15	7	8	11	81	0.633	40
241	Lake Charles, LA [29340]	2	2	1	0	1	0	1	0	2	0	9	-0.083	135
246	Lake Havasu City-Kingman, AZ [29420]	1	0	1	1	1	1	1	1	0	0	7	-0.05	127
142	Lakeland, FL [29460]	9	2	3	3	9	4	10	8	10	10	68	1.067	26
110	Lancaster, PA [29540]	15	11	8	4	7	16	11	7	15	10	104	0.45	54
115	Lansing-East Lansing, MI [29620]	15	11	10	6	8	5	11	6	12	8	92	-0.05	128

60	Laredo, TX [29700]	36	31	28	19	15	27	26	27	28	33	270	0.583	41
178	Las Cruces, NM [29740]	6	5	4	5	5	2	3	5	2	6	43	-0.067	132
24	Las Vegas-Paradise, NV [29820]	84	72	67	55	44	52	75	68	85	89	691	2.983	13
100	Lexington-Fayette, KY [30460]	23	15	9	8	7	16	10	6	12	11	117	-0.133	152
151	Lincoln, NE [30700]	10	10	5	5	4	3	7	7	4	5	60	-0.267	171
129	Little Rock-North Little Rock-Conway, AR [30780]	8	13	8	8	6	10	3	9	9	5	79	-0.5	197
181	Longview, TX [30980]	5	3	4	2	4	7	6	3	5	2	41	0.05	103
71	Louisville/Jefferson County, KY-IN [31140]	30	32	20	16	15	20	24	25	29	16	227	-0.167	158
190	Lubbock, TX [31180]	5	3	0	3	4	5	1	5	6	5	37	0.45	53
186	Lynchburg, VA [31340]	6	6	5	7	5	3	0	1	4	2	39	-0.6	205
211	Macon, GA [31420]	2	0	1	0	4	1	2	4	3	4	21	0.467	50
51	Madison, WI [31540]	64	39	29	33	24	29	21	17	29	27	312	-1.383	229
59	Manchester-Nashua, NH [31700]	59	42	33	17	23	27	19	17	15	23	275	-2.233	239
232	McAllen-Edinburg-Mission, TX [32580]	0	0	2	2	0	1	1	1	3	5	15	0.367	62
169	Medford, OR [32780]	4	8	3	3	5	5	8	5	4	2	47	-0.233	165
78	Memphis, TN-MS-AR [32820]	30	28	19	16	12	25	14	15	11	21	191	-0.867	216
237	Merced, CA [32900]	2	1	0	1	1	1	0	3	2	2	13	0.217	72
15	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	169	138	98	85	113	124	130	124	150	178	1309	6.85	4
170	Midland, TX [33260]	6	2	3	6	7	9	0	4	3	7	47	0.15	78
26	Milwaukee-Waukesha-West Allis, WI [33340]	134	95	66	59	41	50	51	51	43	66	656	-3.183	243
16	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	230	158	135	111	83	115	100	104	110	118	1264	-3.867	246
205	Mobile, AL [33660]	4	4	2	0	4	3	0	3	5	2	27	0.05	104
91	Modesto, CA [33700]	19	16	15	10	10	20	10	8	11	15	134	-0.333	181
243	Monroe, LA [33740]	1	0	0	1	0	2	0	1	2	1	8	0.167	76
197	Montgomery, AL [33860]	4	5	5	2	3	2	1	2	2	6	32	-0.117	147
159	Muskegon-Norton Shores, MI [34740]	12	10	3	8	7	1	6	0	4	3	54	-0.7	208
239	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	2	1	2	0	0	1	2	1	1	2	12	0.083	90
113	Naples-Marco Island, FL [34940]	4	10	7	6	7	5	13	13	13	17	95	1.1	25
57	Nashville-Davidson--Murfreestown--Franklin, TN [34980]	43	34	22	16	24	26	26	24	25	52	292	1.65	21
46	New Haven-Milford, CT [35300]	83	45	41	27	33	25	20	31	27	35	367	-1.45	232
94	New Orleans-Metairie-Kenner, LA [35380]	15	20	8	3	4	20	12	15	13	18	128	0.65	38
1	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	1041	758	587	541	492	585	512	571	620	660	6367	-3.55	244
198	Niles-Benton Harbor, MI [35660]	3	6	5	1	0	1	5	5	1	5	32	-0.05	126

166	Norwich-New London, CT [35980]	15	3	6	3	3	1	5	4	3	6	49	0.117	85
200	Ocala, FL [36100]	2	2	5	3	3	4	2	2	3	4	30	-0.017	119
102	Ogden-Clearfield, UT [36260]	17	12	13	18	8	8	10	8	9	11	114	-0.567	204
79	Oklahoma City, OK [36420]	22	22	28	16	12	15	13	23	8	18	177	-1.017	223
225	Olympia, WA [36500]	5	2	1	0	1	0	2	0	1	4	16	0.15	80
73	Omaha-Council Bluffs, NE-IA [36540]	31	24	14	16	20	16	26	19	19	28	213	0.717	34
45	Orlando-Kissimmee, FL [36740]	42	45	38	33	26	28	36	33	38	50	369	0.5	49
104	Oshkosh-Neenah, WI [36780]	23	16	5	13	6	10	11	7	8	11	110	-0.3	177
25	Oxnard-Thousand Oaks-Ventura, CA [37100]	118	72	66	56	46	61	50	63	50	76	658	-0.233	168
49	Palm Bay-Melbourne-Titusville, FL [37340]	46	41	33	29	16	26	28	31	37	42	329	0.533	45
244	Panama City-Lynn Haven, FL [37460]	1	1	1	0	1	0	1	1	1	1	8	0.033	108
196	Pensacola-Ferry Pass-Brent, FL [37860]	3	1	3	0	5	5	4	3	4	5	33	0.4	59
150	Peoria, IL [37900]	16	10	8	2	4	5	3	8	4	2	62	-0.55	203
6	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	451	314	241	225	225	236	350	322	300	300	2964	7.333	3
17	Phoenix-Mesa-Scottsdale, AZ [38060]	185	135	117	106	78	109	104	136	126	132	1228	1.683	20
30	Pittsburgh, PA [38300]	118	76	63	44	42	55	66	51	58	45	618	-1.683	237
93	Port St. Lucie, FL [38940]	13	17	11	5	8	12	9	14	24	16	129	0.9	30
86	Portland-South Portland-Biddeford, ME [38860]	22	17	15	17	8	17	12	14	17	11	150	-0.333	182
19	Portland-Vancouver-Beaverton, OR-WA [38900]	149	98	107	72	84	83	81	83	83	106	946	-0.35	184
201	Prescott, AZ [39140]	0	6	7	3	2	4	1	0	3	4	30	-0.45	191
34	Providence-New Bedford-Fall River, RI-MA [39300]	97	64	46	35	35	47	46	72	50	54	546	0.95	29
52	Provo-Orem, UT [39340]	46	29	27	17	21	38	23	29	35	47	312	2.033	18
235	Pueblo, CO [39380]	3	0	3	2	1	2	0	1	0	2	14	-0.067	131
219	Punta Gorda, FL [39460]	3	3	1	1	3	2	2	2	1	0	18	-0.183	159
109	Racine, WI [39540]	26	18	12	10	7	10	4	4	6	8	105	-1.217	225
31	Raleigh-Cary, NC [39580]	96	55	39	48	52	52	40	54	69	80	585	3.167	9
126	Reading, PA [39740]	14	5	12	6	7	7	11	8	6	6	82	-0.1	145
233	Redding, CA [39820]	3	3	1	0	1	0	1	1	2	3	15	0.083	92
39	Reno-Sparks, NV [39900]	54	51	29	48	45	48	36	34	38	50	433	-0.233	167
62	Richmond, VA [40060]	39	26	16	33	20	26	26	23	27	28	264	0.45	55
35	Riverside-San Bernardino-Ontario, CA [40140]	99	74	52	39	49	49	34	35	46	46	523	-2.55	240
146	Roanoke, VA [40220]	14	9	4	9	3	4	8	3	5	7	66	-0.2	161
187	Rochester, MN [40340]	7	5	3	3	2	7	2	4	3	3	39	-0.1	144

42	Rochester, NY [40380]	72	46	40	29	28	30	37	45	34	46	407	0.383	61
116	Rockford, IL [40420]	22	12	5	9	7	8	6	10	6	7	92	-0.267	172
54	Sacramento--Arden-Arcade--Roseville, CA [40900]	38	38	23	23	23	37	23	31	33	35	304	0.567	42
155	Saginaw-Saginaw Township North, MI [40980]	9	7	5	2	6	5	4	7	4	6	55	0.017	116
164	Salem, OR [41420]	8	10	2	3	3	5	3	3	8	5	50	-0.033	125
106	Salinas, CA [41500]	22	20	6	10	4	14	12	7	5	7	107	-0.883	217
226	Salisbury, MD [41540]	3	1	0	0	0	0	0	3	5	4	16	0.55	44
29	Salt Lake City, UT [41620]	80	76	44	38	54	69	59	66	68	75	629	2.15	17
50	San Antonio, TX [41700]	42	37	32	26	21	30	28	35	35	37	323	0.567	43
7	San Diego-Carlsbad-San Marcos, CA [41740]	381	240	198	163	170	228	207	228	226	244	2285	4.45	5
3	San Francisco-Oakland-Fremont, CA [41860]	707	514	335	316	330	417	372	393	503	537	4424	13.2	1
2	San Jose-Sunnyvale-Santa Clara, CA [41940]	943	586	409	401	340	411	375	383	435	443	4726	-8.25	249
120	San Luis Obispo-Paso Robles, CA [42020]	16	10	7	10	6	5	8	8	10	7	87	-0.083	141
58	Santa Cruz-Watsonville, CA [42100]	54	29	21	18	18	34	16	27	30	29	276	0.717	35
70	Santa Rosa-Petaluma, CA [42220]	40	22	15	12	28	18	24	24	28	17	228	0.65	39
174	Savannah, GA [42340]	7	5	4	6	5	1	5	3	5	4	45	-0.117	148
171	Scranton--Wilkes-Barre, PA [42540]	8	8	6	3	2	6	3	6	3	2	47	-0.433	189
12	Seattle-Tacoma-Bellevue, WA [42660]	245	168	134	133	102	146	143	164	173	173	1581	4	6
188	Shreveport-Bossier City, LA [43340]	5	6	2	3	4	6	1	3	2	7	39	0.017	115
220	Sioux City, IA-NE-SD [43580]	2	3	1	1	0	1	2	3	4	1	18	0.117	84
175	Sioux Falls, SD [43620]	3	4	4	4	4	2	6	4	5	9	45	0.417	57
84	South Bend-Mishawaka, IN-MI [43780]	26	23	16	18	11	13	11	13	5	17	153	-1.117	224
123	Spartanburg, SC [43900]	19	14	5	10	5	8	3	8	6	7	85	-0.517	200
107	Spokane, WA [44060]	26	10	7	5	11	14	10	7	7	10	107	0.05	106
215	Springfield, IL [44100]	4	2	3	1	2	2	2	0	2	2	20	-0.083	138
97	Springfield, MA [44140]	17	20	13	11	10	7	11	8	15	9	121	-0.717	210
147	Springfield, MO [44180]	2	9	6	2	7	6	6	8	9	10	65	0.4	58
221	St. Cloud, MN [41060]	4	2	1	4	1	2	0	1	3	0	18	-0.15	153
47	St. Louis, MO-IL [41180]	64	48	25	28	26	33	27	38	33	39	361	0.15	81
149	State College, PA [44300]	9	8	9	4	2	7	8	11	5	1	64	-0.333	180
128	Stockton, CA [44700]	8	16	9	5	4	10	6	8	7	8	81	-0.5	196
85	Syracuse, NY [45060]	39	15	15	16	9	9	14	11	16	8	152	-0.5	199
176	Tallahassee, FL [45220]	6	7	5	1	2	4	5	5	3	7	45	0.083	91

37	Tampa-St. Petersburg-Clearwater, FL [45300]	56	53	41	37	41	60	47	49	60	43	487	0.783	31
238	Terre Haute, IN [45460]	2	2	0	1	0	1	1	3	1	2	13	0.133	82
75	Toledo, OH [45780]	44	27	23	20	9	14	14	19	13	19	202	-0.983	222
138	Topeka, KS [45820]	11	8	12	8	4	6	3	5	8	7	72	-0.383	186
48	Trenton-Ewing, NJ [45940]	66	47	36	25	26	30	23	22	24	35	334	-1.55	236
64	Tucson, AZ [46060]	39	27	29	28	15	24	22	14	23	22	243	-0.983	221
65	Tulsa, OK [46140]	49	32	19	8	20	23	13	31	28	17	240	0.1	88
234	Tuscaloosa, AL [46220]	2	1	3	0	1	2	2	0	2	2	15	0.033	111
161	Tyler, TX [46340]	7	4	2	2	5	7	7	2	10	5	51	0.5	48
152	Utica-Rome, NY [46540]	15	13	3	2	2	7	4	6	5	3	60	-0.4	188
136	Vallejo-Fairfield, CA [46700]	11	7	4	6	4	10	6	4	11	10	73	0.517	47
227	Vineland-Millville-Bridgeton, NJ [47220]	2	2	0	2	0	3	3	1	3	0	16	0.033	110
81	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	33	25	18	18	10	13	12	14	13	19	175	-0.75	213
182	Visalia-Porterville, CA [47300]	6	3	5	2	4	5	3	5	5	3	41	0.083	93
209	Waco, TX [47380]	4	3	3	1	0	1	2	4	4	1	23	0.05	105
245	Warner Robins, GA [47580]	1	1	1	0	1	1	0	0	2	1	8	0.033	109
8	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	265	229	189	149	145	193	183	178	220	222	1973	2.683	14
192	Waterloo-Cedar Falls, IA [47940]	6	6	3	5	3	2	4	3	2	2	36	-0.367	185
105	Wichita, KS [48620]	18	17	12	11	8	8	9	10	5	12	110	-0.7	209
156	Wilmington, NC [48900]	8	5	5	8	1	1	7	6	7	7	55	0.267	68
87	Winston-Salem, NC [49180]	26	20	15	11	15	9	14	14	11	14	149	-0.517	201
55	Worcester, MA [49340]	59	43	27	27	20	18	24	24	30	28	300	-0.883	218
224	Yakima, WA [49420]	4	2	2	1	2	2	1	1	2	0	17	-0.15	154
117	York-Hanover, PA [49620]	21	10	7	8	1	7	6	7	10	14	91	0.467	51
111	Youngstown-Warren-Boardman, OH-PA [49660]	20	18	8	5	13	8	3	6	7	10	98	-0.717	211
108	Yuba City, CA [49700]	16	16	6	8	10	10	4	14	11	12	107	0.083	95
247	Yuma, AZ [49740]	0	2	1	1	0	1	0	0	0	2	7	-0.083	134

INTELLECTUAL PROPERTY COMPANY DENSITY PER METRO REGION:

Rank	Metro Region	Companies	IP-Companies	Percent of all Companies
199	Abilene, TX [10180]	4390	14	0.32%
38	Akron, OH [10420]	31280	390	1.25%
244	Albany, GA [10500]	7980	11	0.14%
77	Albany-Schenectady-Troy, NY [10580]	24270	206	0.85%
71	Albuquerque, NM [10740]	22540	199	0.88%
87	Allentown-Bethlehem-Easton, PA-NJ [10900]	25640	208	0.81%
241	Amarillo, TX [11100]	10090	15	0.15%
212	Anchorage, AK [11260]	8350	25	0.30%
15	Ann Arbor, MI [11460]	17370	352	2.03%
37	Appleton, WI [11540]	14410	181	1.26%
196	Asheville, NC [11700]	18360	59	0.32%
183	Athens-Clarke County, GA [12020]	9650	36	0.37%
147	Atlanta-Sandy Springs-Marietta, GA [12060]	281470	1446	0.51%
231	Atlantic City, NJ [12100]	6970	16	0.23%
192	Augusta-Richmond County, GA-SC [12260]	12970	44	0.34%
47	Austin-Round Rock, TX [12420]	70650	782	1.11%
109	Bakersfield, CA [12540]	9750	68	0.70%
123	Baltimore-Towson, MD [12580]	91570	558	0.61%
176	Barnstable Town, MA [12700]	8430	34	0.40%
203	Baton Rouge, LA [12940]	23230	73	0.31%
221	Beaumont-Port Arthur, TX [13140]	5260	14	0.27%
74	Bellingham, WA [13380]	7220	63	0.87%
105	Bend, OR [13460]	7250	52	0.72%
205	Billings, MT [13740]	7010	22	0.31%
67	Binghamton, NY [13780]	4800	44	0.92%
219	Birmingham-Hoover, AL [13820]	38820	104	0.27%
10	Blacksburg-Christiansburg-Radford, VA [13980]	3470	87	2.51%
145	Bloomington, IN [14020]	6940	37	0.53%
117	Boise City-Nampa, ID [14260]	27680	176	0.64%
9	Boston-Cambridge-Quincy, MA-NH [14460]	140140	3519	2.51%
4	Boulder, CO [14500]	23470	747	3.18%
184	Bowling Green, KY [14540]	3560	13	0.37%
75	Bremerton-Silverdale, WA [14740]	6750	59	0.87%
23	Bridgeport-Stamford-Norwalk, CT [14860]	42220	637	1.51%
243	Brownsville-Harlingen, TX [15180]	3240	5	0.15%
76	Buffalo-Niagara Falls, NY [15380]	22910	197	0.86%

59	Burlington, NC [15500]	4650	46	0.99%
57	Burlington-South Burlington, VT [15540]	7430	76	1.02%
58	Canton-Massillon, OH [15940]	10850	108	1%
173	Cape Coral-Fort Myers, FL [15980]	30220	120	0.40%
99	Cedar Rapids, IA [16300]	9380	71	0.76%
64	Champaign-Urbana, IL [16580]	5890	55	0.93%
233	Charleston, WV [16620]	5780	13	0.22%
234	Charleston-North Charleston, SC [16700]	29800	62	0.21%
107	Charlotte-Gastonia-Concord, NC-SC [16740]	61650	434	0.70%
143	Charlottesville, VA [16820]	13290	72	0.54%
130	Chattanooga, TN-GA [16860]	16980	101	0.59%
96	Chicago-Naperville-Joliet, IL-IN-WI [16980]	386220	2940	0.76%
119	Chico, CA [17020]	4090	26	0.64%
55	Cincinnati-Middletown, OH-KY-IN [17140]	72510	752	1.04%
238	Clarksville, TN-KY [17300]	4400	9	0.20%
35	Cleveland-Elyria-Mentor, OH [17460]	71310	935	1.31%
72	College Station-Bryan, TX [17780]	5100	45	0.88%
114	Colorado Springs, CO [17820]	19920	133	0.67%
159	Columbia, MO [17860]	5150	24	0.47%
191	Columbia, SC [17900]	23060	78	0.34%
207	Columbus, GA-AL [17980]	6050	19	0.31%
141	Columbus, OH [18140]	75670	410	0.54%
197	Corpus Christi, TX [18580]	8350	27	0.32%
88	Dallas-Fort Worth-Arlington, TX [19100]	213140	1708	0.80%
116	Davenport-Moline-Rock Island, IA-IL [19340]	10020	66	0.66%
79	Dayton, OH [19380]	26510	222	0.84%
175	Deltona-Daytona Beach-Ormond Beach, FL [19660]	16350	65	0.40%
104	Denver-Aurora, CO [19740]	164510	1181	0.72%
139	Des Moines-West Des Moines, IA [19780]	25470	141	0.55%
50	Detroit-Warren-Livonia, MI [19820]	122780	1310	1.07%
3	Dover, DE [20100]	3380	223	6.60%
166	Duluth, MN-WI [20260]	6920	29	0.42%
25	Durham, NC [20500]	37160	541	1.46%
156	Eau Claire, WI [20740]	6100	29	0.48%
247	El Centro, CA [20940]	1500	2	0.13%
177	El Paso, TX [21340]	7560	30	0.40%
22	Elkhart-Goshen, IN [21140]	7580	116	1.53%
61	Erie, PA [21500]	5120	50	0.98%
85	Eugene-Springfield, OR [21660]	9940	82	0.82%
223	Evansville, IN-KY [21780]	13590	35	0.26%
125	Fargo, ND-MN [22020]	7930	48	0.61%
206	Fayetteville, NC [22180]	6140	19	0.31%
190	Fayetteville-Springdale-Rogers, AR-MO [22220]	18610	66	0.35%
155	Flint, MI [22420]	8360	40	0.48%

213	Florence, SC [22500]	4680	14	0.30%
33	Fort Collins-Loveland, CO [22660]	19160	255	1.33%
236	Fort Smith, AR-OK [22900]	7120	15	0.21%
129	Fort Wayne, IN [23060]	19210	114	0.59%
161	Fresno, CA [23420]	13110	60	0.46%
92	Gainesville, FL [23540]	8260	65	0.79%
152	Gainesville, GA [23580]	10040	49	0.49%
52	Grand Rapids-Wyoming, MI [24340]	26570	280	1.05%
14	Greeley, CO [24540]	17390	360	2.07%
60	Green Bay, WI [24580]	10790	106	0.98%
83	Greensboro-High Point, NC [24660]	24970	206	0.82%
126	Greenville, NC [24780]	5610	34	0.61%
108	Greenville-Mauldin-Easley, SC [24860]	21960	153	0.70%
249	Gulfport-Biloxi, MS [25060]	5400	6	0.11%
167	Hagerstown-Martinsburg, MD-WV [25180]	5230	22	0.42%
148	Harrisburg-Carlisle, PA [25420]	14400	73	0.51%
41	Hartford-West Hartford-East Hartford, CT [25540]	29720	357	1.20%
165	Hickory-Lenoir-Morganton, NC [25860]	17630	74	0.42%
224	Houma-Bayou Cane-Thibodaux, LA [26380]	6900	18	0.26%
62	Houston-Sugar Land-Baytown, TX [26420]	166240	1604	0.96%
198	Huntington-Ashland, WV-KY-OH [26580]	5890	19	0.32%
44	Huntsville, AL [26620]	11580	130	1.12%
120	Indianapolis-Carmel, IN [26900]	78360	490	0.63%
80	Iowa City, IA [26980]	7630	64	0.84%
102	Jackson, MI [27100]	4390	33	0.75%
235	Jackson, MS [27140]	14530	31	0.21%
195	Jacksonville, FL [27260]	45300	145	0.32%
250	Jacksonville, NC [27340]	2620	2	0.08%
39	Janesville, WI [27500]	5360	67	1.25%
101	Johnson City, TN [27740]	4990	38	0.76%
134	Joplin, MO [27900]	4620	27	0.58%
63	Kalamazoo-Portage, MI [28020]	10890	105	0.96%
94	Kansas City, MO-KS [28140]	64890	507	0.78%
82	Kennewick-Richland-Pasco, WA [28420]	5770	48	0.83%
208	Killeen-Temple-Fort Hood, TX [28660]	5890	18	0.31%
81	Kingsport-Bristol-Bristol, TN-VA [28700]	7130	60	0.84%
131	Kingston, NY [28740]	6450	38	0.59%
65	Knoxville, TN [28940]	20120	186	0.92%
140	Lafayette, LA [29180]	12700	70	0.55%
240	Lake Charles, LA [29340]	4700	9	0.19%
222	Lake Havasu City-Kingman, AZ [29420]	2620	7	0.27%
171	Lakeland, FL [29460]	14080	58	0.41%
142	Lancaster, PA [29540]	17360	94	0.54%
133	Lansing-East Lansing, MI [29620]	14480	84	0.58%

1	Laredo, TX [29700]	2870	237	8.26%
68	Las Cruces, NM [29740]	4040	37	0.92%
24	Las Vegas-Paradise, NV [29820]	40720	602	1.48%
174	Lexington-Fayette, KY [30460]	26730	106	0.40%
154	Lincoln, NE [30700]	11400	55	0.48%
216	Little Rock-North Little Rock-Conway, AR [30780]	26380	74	0.28%
138	Longview, TX [30980]	6970	39	0.56%
179	Louisville/Jefferson County, KY-IN [31140]	53960	211	0.39%
158	Lubbock, TX [31180]	6870	32	0.47%
204	Lynchburg, VA [31340]	11820	37	0.31%
230	Macon, GA [31420]	7440	17	0.23%
40	Madison, WI [31540]	23480	285	1.21%
5	Manchester-Nashua, NH [31700]	8340	252	3.02%
242	McAllen-Edinburg-Mission, TX [32580]	6660	10	0.15%
137	Medford, OR [32780]	7970	45	0.56%
113	Memphis, TN-MS-AR [32820]	25340	170	0.67%
200	Merced, CA [32900]	3390	11	0.32%
163	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	256250	1131	0.44%
93	Midland, TX [33260]	5090	40	0.79%
30	Milwaukee-Waukesha-West Allis, WI [33340]	43780	590	1.35%
89	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	142880	1146	0.80%
186	Mobile, AL [33660]	6980	25	0.36%
34	Modesto, CA [33700]	8980	119	1.33%
245	Monroe, LA [33740]	5090	7	0.14%
194	Montgomery, AL [33860]	7990	26	0.33%
45	Muskegon-Norton Shores, MI [34740]	4560	51	1.12%
248	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	8820	10	0.11%
202	Naples-Marco Island, FL [34940]	25530	78	0.31%
172	Nashville-Davidson--Murfreesboro--Franklin, TN [34980]	60220	240	0.40%
17	New Haven-Milford, CT [35300]	18640	332	1.78%
193	New Orleans-Metairie-Kenner, LA [35380]	32950	110	0.33%
73	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	653420	5707	0.87%
110	Niles-Benton Harbor, MI [35660]	3840	27	0.70%
106	Norwich-New London, CT [35980]	5990	43	0.72%
228	Ocala, FL [36100]	11340	26	0.23%
146	Ogden-Clearfield, UT [36260]	19910	103	0.52%
201	Oklahoma City, OK [36420]	50850	159	0.31%
239	Olympia, WA [36500]	6270	12	0.19%
150	Omaha-Council Bluffs, NE-IA [36540]	36820	185	0.50%
169	Orlando-Kissimmee, FL [36740]	78200	319	0.41%
27	Oshkosh-Neenah, WI [36780]	6990	99	1.42%
16	Oxnard-Thousand Oaks-Ventura, CA [37100]	31030	582	1.88%
20	Palm Bay-Melbourne-Titusville, FL [37340]	18040	287	1.59%
246	Panama City-Lynn Haven, FL [37460]	5070	7	0.14%

227	Pensacola-Ferry Pass-Brent, FL [37860]	11110	28	0.25%
136	Peoria, IL [37900]	10770	60	0.56%
28	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	193250	2664	1.38%
46	Phoenix-Mesa-Scottsdale, AZ [38060]	98330	1096	1.11%
97	Pittsburgh, PA [38300]	75340	573	0.76%
170	Port St. Lucie, FL [38940]	27260	113	0.41%
98	Portland-South Portland-Biddeford, ME [38860]	18250	139	0.76%
90	Portland-Vancouver-Beaverton, OR-WA [38900]	105270	840	0.80%
181	Prescott, AZ [39140]	6870	26	0.38%
32	Providence-New Bedford-Fall River, RI-MA [39300]	36990	492	1.33%
43	Provo-Orem, UT [39340]	23130	265	1.15%
178	Pueblo, CO [39380]	2980	12	0.40%
229	Punta Gorda, FL [39460]	7930	18	0.23%
21	Racine, WI [39540]	6160	97	1.57%
51	Raleigh-Cary, NC [39580]	47980	505	1.05%
124	Reading, PA [39740]	12470	76	0.61%
188	Redding, CA [39820]	3350	12	0.36%
13	Reno-Sparks, NV [39900]	16700	383	2.29%
180	Richmond, VA [40060]	62450	236	0.38%
103	Riverside-San Bernardino-Ontario, CA [40140]	64750	477	0.74%
220	Roanoke, VA [40220]	21610	59	0.27%
162	Rochester, MN [40340]	7930	36	0.45%
48	Rochester, NY [40380]	32800	361	1.10%
111	Rockford, IL [40420]	12560	85	0.68%
128	Sacramento--Arden-Arcade--Roseville, CA [40900]	45320	269	0.59%
54	Saginaw-Saginaw Township North, MI [40980]	4680	49	1.05%
153	Salem, OR [41420]	9120	45	0.49%
42	Salinas, CA [41500]	8450	100	1.18%
160	Salisbury, MD [41540]	2560	12	0.47%
31	Salt Lake City, UT [41620]	40930	554	1.35%
151	San Antonio, TX [41700]	58570	286	0.49%
12	San Diego-Carlsbad-San Marcos, CA [41740]	84670	2041	2.41%
7	San Francisco-Oakland-Fremont, CA [41860]	152530	3887	2.55%
2	San Jose-Sunnyvale-Santa Clara, CA [41940]	55490	4283	7.72%
66	San Luis Obispo-Paso Robles, CA [42020]	8740	80	0.92%
8	Santa Cruz-Watsonville, CA [42100]	9680	247	2.55%
29	Santa Rosa-Petaluma, CA [42220]	15360	211	1.37%
164	Savannah, GA [42340]	9230	41	0.44%
214	Scranton--Wilkes-Barre, PA [42540]	15440	45	0.29%
36	Seattle-Tacoma-Bellevue, WA [42660]	112130	1408	1.26%
211	Shreveport-Bossier City, LA [43340]	10730	32	0.30%
187	Sioux City, IA-NE-SD [43580]	4730	17	0.36%
226	Sioux Falls, SD [43620]	14540	36	0.25%
26	South Bend-Mishawaka, IN-MI [43780]	9560	136	1.42%

56	Spartanburg, SC [43900]	7510	78	1.04%
95	Spokane, WA [44060]	12650	97	0.77%
217	Springfield, IL [44100]	6360	18	0.28%
91	Springfield, MA [44140]	14140	112	0.79%
185	Springfield, MO [44180]	15220	55	0.36%
237	St. Cloud, MN [41060]	8960	18	0.20%
189	St. Louis, MO-IL [41180]	92480	322	0.35%
18	State College, PA [44300]	3540	63	1.78%
112	Stockton, CA [44700]	10770	73	0.68%
84	Syracuse, NY [45060]	17600	144	0.82%
210	Tallahassee, FL [45220]	12540	38	0.30%
157	Tampa-St. Petersburg-Clearwater, FL [45300]	94200	444	0.47%
232	Terre Haute, IN [45460]	4790	11	0.23%
49	Toledo, OH [45780]	16570	183	1.10%
118	Topeka, KS [45820]	10170	65	0.64%
6	Trenton-Ewing, NJ [45940]	11630	299	2.57%
53	Tucson, AZ [46060]	21090	221	1.05%
132	Tulsa, OK [46140]	38630	223	0.58%
225	Tuscaloosa, AL [46220]	5010	13	0.26%
100	Tyler, TX [46340]	6030	46	0.76%
70	Utica-Rome, NY [46540]	6360	57	0.90%
86	Vallejo-Fairfield, CA [46700]	7650	63	0.82%
121	Vineland-Millville-Bridgeton, NJ [47220]	2560	16	0.63%
182	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	42010	156	0.37%
135	Visalia-Porterville, CA [47300]	6680	38	0.57%
127	Waco, TX [47380]	3630	22	0.61%
215	Warner Robins, GA [47580]	2440	7	0.29%
69	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	195540	1751	0.90%
149	Waterloo-Cedar Falls, IA [47940]	6630	34	0.51%
144	Wichita, KS [48620]	18590	98	0.53%
209	Wilmington, NC [48900]	16060	48	0.30%
78	Winston-Salem, NC [49180]	15900	135	0.85%
19	Worcester, MA [49340]	15570	272	1.75%
168	Yakima, WA [49420]	4090	17	0.42%
115	York-Hanover, PA [49620]	11500	77	0.67%
122	Youngstown-Warren-Boardman, OH-PA [49660]	14140	88	0.62%
11	Yuba City, CA [49700]	3900	95	2.44%
218	Yuma, AZ [49740]	1790	5	0.28%

HOME TEAM:

Rank	Metro Region	Local Assignees	Patents Assigned Locally	Non-Local Assignees	Patents Assigned Remotely	Total Assignees	Total Patents	Locally Assigned %	Local Patent %
5	Abilene, TX [10180]	10	20	10	15	20	35	50%	57%
149	Akron, OH [10420]	312	2436	888	4826	1200	7262	26%	34%
122	Albany, GA [10500]	6	7	14	33	20	40	30%	18%
58	Albany-Schenectady-Troy, NY [10580]	159	2293	441	2364	600	4657	27%	49%
47	Albuquerque, NM [10740]	185	1293	326	1315	511	2608	36%	50%
218	Allentown-Bethlehem-Easton, PA-NJ [10900]	149	2127	776	3782	925	5909	16%	36%
159	Amarillo, TX [11100]	11	33	33	48	44	81	25%	41%
75	Anchorage, AK [11260]	24	42	39	117	63	159	38%	26%
185	Ann Arbor, MI [11460]	281	1980	973	8944	1254	10924	22%	18%
106	Appleton, WI [11540]	126	1641	287	2677	413	4318	31%	38%
199	Asheville, NC [11700]	46	78	156	609	202	687	23%	11%
188	Athens-Clarke County, GA [12020]	36	206	139	335	175	541	21%	38%
34	Atlanta-Sandy Springs-Marietta, GA [12060]	1106	7324	1547	9203	2653	16527	42%	44%
214	Atlantic City, NJ [12100]	13	50	59	218	72	268	18%	19%
153	Augusta-Richmond County, GA-SC [12260]	41	163	114	357	155	520	26%	31%
83	Austin-Round Rock, TX [12420]	688	8642	1216	16270	1904	24912	36%	35%
134	Bakersfield, CA [12540]	43	101	107	503	150	604	29%	17%
144	Baltimore-Towson, MD [12580]	481	2460	1288	5704	1769	8164	27%	30%
211	Barnstable Town, MA [12700]	35	92	148	385	183	477	19%	19%
86	Baton Rouge, LA [12940]	87	245	152	598	239	843	36%	29%
222	Beaumont-Port Arthur, TX [13140]	11	29	50	182	61	211	18%	14%
35	Bellingham, WA [13380]	59	153	80	193	139	346	42%	44%
123	Bend, OR [13460]	38	198	95	263	133	461	29%	43%
1	Billings, MT [13740]	22	37	15	32	37	69	59%	54%
156	Binghamton, NY [13780]	42	326	122	1402	164	1728	26%	19%
126	Birmingham-Hoover, AL [13820]	85	341	207	572	292	913	29%	37%
166	Blacksburg-Christiansburg-Radford, VA [13980]	80	484	250	878	330	1362	24%	36%
216	Bloomington, IN [14020]	31	503	154	987	185	1490	17%	34%
43	Boise City-Nampa, ID [14260]	146	7888	229	1892	375	9780	39%	81%
8	Boston-Cambridge-Quincy, MA-NH [14460]	3088	25756	3365	22643	6453	48399	48%	53%
155	Boulder, CO [14500]	634	3332	1791	13333	2425	16665	26%	20%
142	Bowling Green, KY [14540]	12	40	33	65	45	105	27%	38%
229	Bremerton-Silverdale, WA [14740]	52	111	265	1354	317	1465	16%	8%
121	Bridgeport-Stamford-Norwalk, CT [14860]	382	2496	907	6287	1289	8783	30%	28%
137	Brownsville-Harlingen, TX [15180]	5	11	13	27	18	38	28%	29%
67	Buffalo-Niagara Falls, NY [15380]	146	605	233	1256	379	1861	39%	33%
243	Burlington, NC [15500]	17	113	156	900	173	1013	10%	11%

195	Burlington-South Burlington, VT [15540]	68	253	204	4758	272	5011	25%	5%
152	Canton-Massillon, OH [15940]	98	1052	284	2281	382	3333	26%	32%
162	Cape Coral-Fort Myers, FL [15980]	93	287	280	658	373	945	25%	30%
173	Cedar Rapids, IA [16300]	55	934	182	1702	237	2636	23%	35%
165	Champaign-Urbana, IL [16580]	79	616	252	1085	331	1701	24%	36%
197	Charleston, WV [16620]	12	21	38	177	50	198	24%	11%
209	Charleston-North Charleston, SC [16700]	36	130	157	406	193	536	19%	24%
44	Charlotte-Gastonia-Concord, NC-SC [16740]	310	1633	478	1688	788	3321	39%	49%
181	Charlottesville, VA [16820]	55	364	197	967	252	1331	22%	27%
66	Chattanooga, TN-GA [16860]	78	184	122	314	200	498	39%	37%
4	Chicago-Naperville-Joliet, IL-IN-WI [16980]	2213	17626	2137	10375	4350	28001	51%	63%
139	Chico, CA [17020]	18	33	47	109	65	142	28%	23%
22	Cincinnati-Middletown, OH-KY-IN [17140]	590	5146	886	4826	1476	9972	40%	52%
207	Clarksville, TN-KY [17300]	8	34	35	63	43	97	19%	35%
29	Cleveland-Elyria-Mentor, OH [17460]	669	3450	863	3956	1532	7406	44%	47%
180	College Station-Bryan, TX [17780]	49	321	172	501	221	822	22%	39%
158	Colorado Springs, CO [17820]	116	429	326	2190	442	2619	26%	16%
187	Columbia, MO [17860]	28	207	105	243	133	450	21%	46%
116	Columbia, SC [17900]	74	330	174	533	248	863	30%	38%
118	Columbus, GA-AL [17980]	15	40	35	72	50	112	30%	36%
88	Columbus, OH [18140]	331	1366	615	2018	946	3384	35%	40%
133	Corpus Christi, TX [18580]	22	29	54	124	76	153	29%	19%
11	Dallas-Fort Worth-Arlington, TX [19100]	1316	9901	1530	10006	2846	19907	46%	50%
49	Davenport-Moline-Rock Island, IA-IL [19340]	44	528	84	428	128	956	34%	55%
129	Dayton, OH [19380]	173	751	414	2156	587	2907	29%	26%
145	Deltona-Daytona Beach-Ormond Beach, FL [19660]	49	108	135	384	184	492	27%	22%
84	Denver-Aurora, CO [19740]	973	4355	1749	10290	2722	14645	36%	30%
9	Des Moines-West Des Moines, IA [19780]	104	1602	124	666	228	2268	46%	71%
6	Detroit-Warren-Livonia, MI [19820]	1020	16552	1082	4664	2102	21216	49%	78%
186	Dover, DE [20100]	10	22	35	102	45	124	22%	18%
79	Duluth, MN-WI [20260]	26	58	45	117	71	175	37%	33%
182	Durham, NC [20500]	501	4487	1805	16179	2306	20666	22%	22%
93	Eau Claire, WI [20740]	28	73	53	273	81	346	35%	21%
247	El Centro, CA [20940]	1	1	10	16	11	17	9%	6%
203	El Paso, TX [21340]	24	50	99	329	123	379	20%	13%
132	Elkhart-Goshen, IN [21140]	90	247	216	1035	306	1282	29%	19%
112	Erie, PA [21500]	38	134	85	643	123	777	31%	17%
63	Eugene-Springfield, OR [21660]	82	323	129	459	211	782	39%	41%
172	Evansville, IN-KY [21780]	28	129	87	599	115	728	24%	18%
30	Fargo, ND-MN [22020]	41	153	53	347	94	500	44%	31%
157	Fayetteville, NC [22180]	12	34	35	167	47	201	26%	17%
89	Fayetteville-Springdale-Rogers, AR-MO [22220]	56	154	102	265	158	419	35%	37%
240	Flint, MI [22420]	39	70	260	1995	299	2065	13%	3%
178	Florence, SC [22500]	13	133	45	167	58	300	22%	44%

225	Fort Collins-Loveland, CO [22660]	210	928	946	8955	1156	9883	18%	9%
111	Fort Smith, AR-OK [22900]	13	23	29	81	42	104	31%	22%
92	Fort Wayne, IN [23060]	89	223	163	800	252	1023	35%	22%
136	Fresno, CA [23420]	44	111	112	246	156	357	28%	31%
59	Gainesville, FL [23540]	73	758	218	568	291	1326	25%	57%
232	Gainesville, GA [23580]	37	83	206	719	243	802	15%	10%
19	Grand Rapids-Wyoming, MI [24340]	210	1011	274	972	484	1983	43%	51%
206	Greeley, CO [24540]	296	1196	1169	10646	1465	11842	20%	10%
91	Green Bay, WI [24580]	74	190	137	618	211	808	35%	24%
104	Greensboro-High Point, NC [24660]	140	752	295	1102	435	1854	32%	41%
39	Greenville, NC [24780]	32	68	44	145	76	213	42%	32%
113	Greenville-Mauldin-Easley, SC [24860]	123	467	280	2486	403	2953	31%	16%
250	Gulfport-Biloxi, MS [25060]	3	4	45	184	48	188	6%	2%
249	Hagerstown-Martinsburg, MD-WV [25180]	12	27	137	338	149	365	8%	7%
168	Harrisburg-Carlisle, PA [25420]	64	491	207	1111	271	1602	24%	31%
55	Hartford-West Hartford-East Hartford, CT [25540]	281	3729	684	3829	965	7558	29%	49%
52	Hickory-Lenoir-Morganton, NC [25860]	57	522	126	375	183	897	31%	58%
119	Houma-Bayou Cane-Thibodaux, LA [26380]	16	57	38	104	54	161	30%	35%
2	Houston-Sugar Land-Baytown, TX [26420]	1359	14669	1204	4943	2563	19612	53%	75%
114	Huntington-Ashland, WV-KY-OH [26580]	17	53	39	65	56	118	30%	45%
70	Huntsville, AL [26620]	131	766	214	890	345	1656	38%	46%
69	Indianapolis-Carmel, IN [26900]	404	3346	662	3876	1066	7222	38%	46%
190	Iowa City, IA [26980]	59	985	237	1685	296	2670	20%	37%
233	Jackson, MI [27100]	25	34	138	613	163	647	15%	5%
171	Jackson, MS [27140]	25	57	79	183	104	240	24%	24%
45	Jacksonville, FL [27260]	121	509	199	498	320	1007	38%	51%
231	Jacksonville, NC [27340]	2	2	11	15	13	17	15%	12%
205	Janesville, WI [27500]	37	101	152	736	189	837	20%	12%
179	Johnson City, TN [27740]	31	509	109	756	140	1265	22%	40%
72	Joplin, MO [27900]	20	48	33	60	53	108	38%	44%
135	Kalamazoo-Portage, MI [28020]	85	741	216	1157	301	1898	28%	39%
10	Kansas City, MO-KS [28140]	418	4030	486	1746	904	5776	46%	70%
53	Kennewick-Richland-Pasco, WA [28420]	44	488	105	241	149	729	30%	67%
194	Killeen-Temple-Fort Hood, TX [28660]	18	26	47	172	65	198	28%	13%
148	Kingsport-Bristol-Bristol, TN-VA [28700]	45	560	130	803	175	1363	26%	41%
234	Kingston, NY [28740]	22	56	127	1916	149	1972	15%	3%
18	Knoxville, TN [28940]	182	1062	238	666	420	1728	43%	61%
37	Lafayette, LA [29180]	62	148	87	266	149	414	42%	36%
220	Lake Charles, LA [29340]	4	9	22	34	26	43	15%	21%
42	Lake Havasu City-Kingman, AZ [29420]	6	11	9	17	15	28	40%	39%
201	Lakeland, FL [29460]	44	73	175	423	219	496	20%	15%
174	Lancaster, PA [29540]	73	524	244	1177	317	1701	23%	31%
160	Lansing-East Lansing, MI [29620]	73	480	214	786	287	1266	25%	38%
151	Laredo, TX [29700]	181	1285	503	2442	684	3727	26%	34%

193	Las Cruces, NM [29740]	33	101	132	423	165	524	20%	19%
25	Las Vegas-Paradise, NV [29820]	283	1090	295	1229	578	2319	49%	47%
48	Lexington-Fayette, KY [30460]	94	1611	177	588	271	2199	35%	73%
127	Lincoln, NE [30700]	61	336	147	619	208	955	29%	35%
62	Little Rock-North Little Rock-Conway, AR [30780]	62	219	95	271	157	490	39%	45%
200	Longview, TX [30980]	16	27	60	193	76	220	21%	12%
38	Louisville/Jefferson County, KY-IN [31140]	171	582	233	1078	404	1660	42%	35%
46	Lubbock, TX [31180]	32	86	55	86	87	172	37%	50%
161	Lynchburg, VA [31340]	32	120	98	266	130	386	25%	31%
192	Macon, GA [31420]	16	39	63	140	79	179	20%	22%
51	Madison, WI [31540]	252	2139	509	2082	761	4221	33%	51%
210	Manchester-Nashua, NH [31700]	187	900	790	3768	977	4668	19%	19%
191	McAllen-Edinburg-Mission, TX [32580]	10	24	40	59	50	83	20%	29%
73	Medford, OR [32780]	35	66	57	131	92	197	38%	34%
87	Memphis, TN-MS-AR [32820]	127	620	234	889	361	1509	35%	41%
226	Merced, CA [32900]	10	21	50	157	60	178	17%	12%
26	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	740	2542	830	4090	1570	6632	47%	38%
36	Midland, TX [33260]	35	73	49	117	84	190	42%	38%
28	Milwaukee-Waukesha-West Allis, WI [33340]	466	2110	573	3297	1039	5407	45%	39%
7	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	827	6510	849	5587	1676	12097	49%	54%
163	Mobile, AL [33660]	20	50	60	161	80	211	25%	24%
242	Modesto, CA [33700]	80	745	692	4772	772	5517	10%	14%
100	Monroe, LA [33740]	7	12	14	29	21	41	33%	29%
97	Montgomery, AL [33860]	21	37	41	92	62	129	34%	29%
101	Muskegon-Norton Shores, MI [34740]	40	90	81	241	121	331	33%	27%
60	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	6	65	21	41	27	106	22%	61%
167	Naples-Marco Island, FL [34940]	59	239	186	467	245	706	24%	34%
95	Nashville-Davidson--Murfreesboro--Franklin, TN [34980]	199	736	384	1078	583	1814	34%	41%
170	New Haven-Milford, CT [35300]	241	1493	772	4827	1013	6320	24%	24%
98	New Orleans-Metairie-Kenner, LA [35380]	100	234	199	514	299	748	33%	31%
3	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	4029	38257	3751	24084	7780	62341	52%	61%
212	Niles-Benton Harbor, MI [35660]	17	622	77	849	94	1471	18%	42%
244	Norwich-New London, CT [35980]	33	154	285	1548	318	1702	10%	9%
131	Ocala, FL [36100]	22	58	54	198	76	256	29%	23%
208	Ogden-Clearfield, UT [36260]	70	411	301	945	371	1356	19%	30%
16	Oklahoma City, OK [36420]	144	558	182	571	326	1129	44%	49%
230	Olympia, WA [36500]	13	24	68	526	81	550	16%	4%
71	Omaha-Council Bluffs, NE-IA [36540]	168	820	269	1012	437	1832	38%	45%
117	Orlando-Kissimmee, FL [36740]	282	1852	647	3225	929	5077	30%	36%
141	Oshkosh-Neenah, WI [36780]	80	1592	216	2434	296	4026	27%	40%
76	Oxnard-Thousand Oaks-Ventura, CA [37100]	398	2241	684	3190	1082	5431	37%	41%
124	Palm Bay-Melbourne-Titusville, FL [37340]	247	1987	593	2952	840	4939	29%	40%
238	Panama City-Lynn Haven, FL [37460]	7	9	43	219	50	228	14%	4%

96	Pensacola-Ferry Pass-Brent, FL [37860]	28	84	55	121	83	205	34%	41%
56	Peoria, IL [37900]	47	1897	128	340	175	2237	27%	85%
23	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	1366	11574	2069	11984	3435	23558	40%	49%
68	Phoenix-Mesa-Scottsdale, AZ [38060]	958	4794	1470	13203	2428	17997	39%	27%
41	Pittsburgh, PA [38300]	499	2799	730	4000	1229	6799	41%	41%
108	Port St. Lucie, FL [38940]	86	597	195	1273	281	1870	31%	32%
120	Portland-South Portland-Biddeford, ME [38860]	111	417	255	959	366	1376	30%	30%
31	Portland-Vancouver-Beaverton, OR-WA [38900]	746	6210	995	12270	1741	18480	43%	34%
177	Prescott, AZ [39140]	22	37	73	195	95	232	23%	16%
105	Providence-New Bedford-Fall River, RI-MA [39300]	346	2325	772	3176	1118	5501	31%	42%
77	Provo-Orem, UT [39340]	234	1220	393	1757	627	2977	37%	41%
184	Pueblo, CO [39380]	9	13	32	52	41	65	22%	20%
215	Punta Gorda, FL [39460]	11	21	49	110	60	131	18%	16%
219	Racine, WI [39540]	65	806	342	1660	407	2466	16%	33%
183	Raleigh-Cary, NC [39580]	455	3859	1622	14972	2077	18831	22%	20%
248	Reading, PA [39740]	41	90	407	2235	448	2325	9%	4%
227	Redding, CA [39820]	8	9	38	86	46	95	17%	9%
20	Reno-Sparks, NV [39900]	190	1534	271	1103	461	2637	41%	58%
125	Richmond, VA [40060]	176	1035	424	1718	600	2753	29%	38%
147	Riverside-San Bernardino-Ontario, CA [40140]	287	742	762	3065	1049	3807	27%	19%
138	Roanoke, VA [40220]	49	172	128	551	177	723	28%	24%
236	Rochester, MN [40340]	39	450	232	4731	271	5181	14%	9%
64	Rochester, NY [40380]	340	5039	532	7691	872	12730	39%	40%
128	Rockford, IL [40420]	76	356	184	973	260	1329	29%	27%
204	Sacramento--Arden-Arcade--Roseville, CA [40900]	213	721	843	5341	1056	6062	20%	12%
94	Saginaw-Saginaw Township North, MI [40980]	38	129	72	682	110	811	35%	16%
228	Salem, OR [41420]	31	41	147	793	178	834	17%	5%
202	Salinas, CA [41500]	57	146	229	908	286	1054	20%	14%
81	Salisbury, MD [41540]	12	22	21	28	33	50	36%	44%
33	Salt Lake City, UT [41620]	450	1974	613	2399	1063	4373	42%	45%
150	San Antonio, TX [41700]	230	1513	654	2997	884	4510	26%	34%
12	San Diego-Carlsbad-San Marcos, CA [41740]	1770	17193	2178	13460	3948	30653	45%	56%
74	San Francisco-Oakland-Fremont, CA [41860]	3416	27685	5610	69015	9026	96700	38%	29%
15	San Jose-Sunnyvale-Santa Clara, CA [41940]	3687	71140	4643	46153	8330	117293	44%	61%
146	San Luis Obispo-Paso Robles, CA [42020]	65	166	174	643	239	809	27%	21%
241	Santa Cruz-Watsonville, CA [42100]	182	860	1526	11586	1708	12446	11%	7%
169	Santa Rosa-Petaluma, CA [42220]	160	688	498	2113	658	2801	24%	25%
90	Savannah, GA [42340]	26	64	48	122	74	186	35%	34%
143	Scranton--Wilkes-Barre, PA [42540]	33	169	91	287	124	456	27%	37%
17	Seattle-Tacoma-Bellevue, WA [42660]	1241	25694	1661	13770	2902	39464	43%	65%
65	Shreveport-Bossier City, LA [43340]	31	60	48	98	79	158	39%	38%
82	Sioux City, IA-NE-SD [43580]	16	33	29	59	45	92	36%	36%
21	Sioux Falls, SD [43620]	35	89	50	73	85	162	41%	55%

109	South Bend-Mishawaka, IN-MI [43780]	123	369	274	1274	397	1643	31%	22%
175	Spartanburg, SC [43900]	51	486	171	1090	222	1576	23%	31%
13	Spokane, WA [44060]	87	348	105	295	192	643	45%	54%
103	Springfield, IL [44100]	19	100	41	130	60	230	32%	43%
223	Springfield, MA [44140]	87	226	403	1562	490	1788	18%	13%
27	Springfield, MO [44180]	45	89	50	162	95	251	47%	35%
237	St. Cloud, MN [41060]	11	14	70	154	81	168	14%	8%
80	St. Louis, MO-IL [41180]	214	654	365	1813	579	2467	37%	27%
57	State College, PA [44300]	60	434	163	384	223	818	27%	53%
235	Stockton, CA [44700]	50	139	315	1447	365	1586	14%	9%
102	Syracuse, NY [45060]	116	940	252	1049	368	1989	32%	47%
50	Tallahassee, FL [45220]	43	301	82	282	125	583	34%	52%
78	Tampa-St. Petersburg-Clearwater, FL [45300]	336	1215	567	2140	903	3355	37%	36%
217	Terre Haute, IN [45460]	10	21	49	85	59	106	17%	20%
40	Toledo, OH [45780]	150	747	219	834	369	1581	41%	47%
189	Topeka, KS [45820]	55	309	204	612	259	921	21%	34%
213	Trenton-Ewing, NJ [45940]	179	1887	806	5116	985	7003	18%	27%
198	Tucson, AZ [46060]	200	729	655	5225	855	5954	23%	12%
32	Tulsa, OK [46140]	191	501	252	1347	443	1848	43%	27%
115	Tuscaloosa, AL [46220]	13	51	31	74	44	125	30%	41%
221	Tyler, TX [46340]	20	29	84	257	104	286	19%	10%
110	Utica-Rome, NY [46540]	38	71	85	257	123	328	31%	22%
245	Vallejo-Fairfield, CA [46700]	44	248	463	2013	507	2261	9%	11%
196	Vineland-Millville-Bridgeton, NJ [47220]	8	9	26	68	34	77	24%	12%
85	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	148	415	263	1009	411	1424	36%	29%
99	Visalia-Porterville, CA [47300]	22	45	45	99	67	144	33%	31%
107	Waco, TX [47380]	15	55	33	90	48	145	31%	38%
246	Warner Robins, GA [47580]	3	3	31	50	34	53	9%	6%
14	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	1511	8410	1858	8841	3369	17251	45%	49%
61	Waterloo-Cedar Falls, IA [47940]	30	53	33	314	63	367	48%	14%
24	Wichita, KS [48620]	88	313	83	704	171	1017	51%	31%
54	Wilmington, NC [48900]	38	194	94	188	132	382	29%	51%
154	Winston-Salem, NC [49180]	93	500	258	1182	351	1682	26%	30%
239	Worcester, MA [49340]	190	909	1241	7422	1431	8331	13%	11%
130	Yakima, WA [49420]	10	16	24	49	34	65	29%	25%
176	York-Hanover, PA [49620]	66	332	216	1408	282	1740	23%	19%
140	Youngstown-Warren-Boardman, OH-PA [49660]	65	176	171	765	236	941	28%	19%
224	Yuba City, CA [49700]	60	135	272	978	332	1113	18%	12%
164	Yuma, AZ [49740]	5	6	15	31	20	37	25%	16%

UP & COMING (OVERALL RANKINGS):

Rank	Metro Region	Ranking in Individual Trend Indexes					Tot Score
		Trending: Inventors	Trending: Patents	Trending: Diversity	Trending: Density	Trending: New Cos	
235	Abilene, TX [10180]	237	223	231	207	150	588
109	Akron, OH [10420]	61	59	61	57	238	356
201	Albany, GA [10500]	232	216	228	211	73	512
58	Albany-Schenectady-Troy, NY [10580]	36	29	53	26	198	277
73	Albuquerque, NM [10740]	63	75	64	124	123	311
121	Allentown-Bethlehem-Easton, PA-NJ [10900]	53	50	94	51	226	371
188	Amarillo, TX [11100]	230	215	205	212	70	487
126	Anchorage, AK [11260]	178	189	187	146	46	379
50	Ann Arbor, MI [11460]	23	21	26	4	215	245
250	Appleton, WI [11540]	182	172	240	249	233	722
193	Asheville, NC [11700]	194	175	176	178	146	500
166	Athens-Clarke County, GA [12020]	142	164	136	179	142	457
55	Atlanta-Sandy Springs-Marietta, GA [12060]	13	13	9	73	174	256
221	Atlantic City, NJ [12100]	238	246	226	234	96	556
225	Augusta-Richmond County, GA-SC [12260]	169	173	155	239	175	569
17	Austin-Round Rock, TX [12420]	9	8	20	91	8	119
184	Bakersfield, CA [12540]	135	153	97	180	206	483
42	Baltimore-Towson, MD [12580]	38	42	72	122	27	221
118	Barnstable Town, MA [12700]	163	182	207	61	98	366
95	Baton Rouge, LA [12940]	162	159	166	142	36	344
236	Beaumont-Port Arthur, TX [13140]	205	188	203	229	160	592
124	Bellingham, WA [13380]	185	190	134	106	136	376
131	Bend, OR [13460]	127	169	142	46	194	382
240	Billings, MT [13740]	229	222	225	213	164	602
248	Binghamton, NY [13780]	249	247	233	246	190	669
185	Birmingham-Hoover, AL [13820]	130	149	129	189	166	484
24	Blacksburg-Christiansburg-Radford, VA [13980]	119	113	45	25	86	156
25	Bloomington, IN [14020]	78	77	39	19	100	158
249	Boise City-Nampa, ID [14260]	250	250	250	198	234	682
66	Boston-Cambridge-Quincy, MA-NH [14460]	5	4	38	11	248	297
6	Boulder, CO [14500]	22	23	49	3	10	62
222	Bowling Green, KY [14540]	236	226	215	244	97	556
46	Bremerton-Silverdale, WA [14740]	89	89	118	31	79	228
242	Bridgeport-Stamford-Norwalk, CT [14860]	56	32	232	133	242	607
204	Brownsville-Harlingen, TX [15180]	227	214	198	201	120	519
208	Buffalo-Niagara Falls, NY [15380]	92	108	140	173	214	527

127	Burlington, NC [15500]	144	141	78	230	71	379
181	Burlington-South Burlington, VT [15540]	106	65	91	250	139	480
200	Canton-Massillon, OH [15940]	132	109	167	161	183	511
56	Cape Coral-Fort Myers, FL [15980]	103	121	106	129	23	258
23	Cedar Rapids, IA [16300]	72	70	75	16	60	151
34	Champaign-Urbana, IL [16580]	71	72	85	29	74	188
98	Charleston, WV [16620]	156	179	160	80	107	347
74	Charleston-North Charleston, SC [16700]	105	127	133	147	33	313
18	Charlotte-Gastonia-Concord, NC-SC [16740]	28	39	2	69	52	123
47	Charlottesville, VA [16820]	99	73	58	49	121	228
145	Chattanooga, TN-GA [16860]	191	198	195	149	83	427
103	Chicago-Naperville-Joliet, IL-IN-WI [16980]	7	7	43	59	250	352
214	Chico, CA [17020]	190	192	163	214	169	546
199	Cincinnati-Middletown, OH-KY-IN [17140]	32	30	119	143	247	509
226	Clarksville, TN-KY [17300]	202	211	200	237	133	570
96	Cleveland-Elyria-Mentor, OH [17460]	35	35	37	62	245	344
65	College Station-Bryan, TX [17780]	168	128	65	74	151	290
83	Colorado Springs, CO [17820]	148	117	90	113	117	320
80	Columbia, MO [17860]	120	139	104	52	162	318
141	Columbia, SC [17900]	96	112	70	137	212	419
223	Columbus, GA-AL [17980]	212	209	211	202	143	556
112	Columbus, OH [18140]	31	44	3	138	219	360
219	Corpus Christi, TX [18580]	204	196	193	196	163	552
19	Dallas-Fort Worth-Arlington, TX [19100]	14	10	8	99	19	126
167	Davenport-Moline-Rock Island, IA-IL [19340]	143	157	157	245	56	458
197	Dayton, OH [19380]	125	88	145	125	235	505
175	Deltona-Daytona Beach-Ormond Beach, FL [19660]	151	163	154	144	173	471
4	Denver-Aurora, CO [19740]	17	18	7	34	12	53
173	Des Moines-West Des Moines, IA [19780]	79	74	149	126	195	470
125	Detroit-Warren-Livonia, MI [19820]	18	16	99	37	241	377
156	Dover, DE [20100]	206	217	212	224	2	438
90	Duluth, MN-WI [20260]	167	180	111	162	63	336
2	Durham, NC [20500]	12	11	28	8	7	43
110	Eau Claire, WI [20740]	176	168	185	70	102	357
229	El Centro, CA [20940]	234	233	230	215	130	575
215	El Paso, TX [21340]	239	249	244	192	114	550
164	Elkhart-Goshen, IN [21140]	126	104	116	107	231	454
140	Erie, PA [21500]	180	160	196	101	118	415
92	Eugene-Springfield, OR [21660]	153	143	124	150	65	339
107	Evansville, IN-KY [21780]	115	115	120	157	77	354
207	Fargo, ND-MN [22020]	117	124	132	216	178	526
227	Fayetteville, NC [22180]	223	224	219	231	122	572
116	Fayetteville-Springdale-Rogers, AR-MO [22220]	123	145	127	114	124	365
153	Flint, MI [22420]	147	106	181	63	192	436

157	Florence, SC [22500]	210	240	243	84	112	439
33	Fort Collins-Loveland, CO [22660]	86	66	148	14	16	178
163	Fort Smith, AR-OK [22900]	198	200	184	163	101	448
154	Fort Wayne, IN [23060]	141	123	248	160	28	436
104	Fresno, CA [23420]	161	137	95	193	64	352
37	Gainesville, FL [23540]	84	105	110	13	87	210
123	Gainesville, GA [23580]	145	138	117	68	187	372
136	Grand Rapids-Wyoming, MI [24340]	80	81	46	134	220	400
15	Greeley, CO [24540]	67	53	89	9	11	109
243	Green Bay, WI [24580]	233	199	201	185	227	613
88	Greensboro-High Point, NC [24660]	76	90	40	164	129	333
206	Greenville, NC [24780]	171	185	168	208	149	525
20	Greenville-Mauldin-Easley, SC [24860]	42	47	4	27	99	130
209	Gulfport-Biloxi, MS [25060]	197	178	182	232	113	527
150	Hagerstown-Martinsburg, MD-WV [25180]	179	176	137	158	137	432
117	Harrisburg-Carlisle, PA [25420]	112	125	81	190	94	365
10	Hartford-West Hartford-East Hartford, CT [25540]	29	31	13	22	37	72
129	Hickory-Lenoir-Morganton, NC [25860]	140	131	152	53	176	381
168	Houma-Bayou Cane-Thibodaux, LA [26380]	216	221	227	159	75	461
12	Houston-Sugar Land-Baytown, TX [26420]	8	9	15	64	15	94
244	Huntington-Ashland, WV-KY-OH [26580]	226	235	229	235	157	621
75	Huntsville, AL [26620]	83	83	35	85	193	313
14	Indianapolis-Carmel, IN [26900]	26	28	30	54	22	106
16	Iowa City, IA [26980]	73	68	62	21	32	115
87	Jackson, MI [27100]	175	152	179	86	67	332
194	Jackson, MS [27140]	189	201	237	194	69	500
111	Jacksonville, FL [27260]	93	101	161	174	24	359
190	Jacksonville, NC [27340]	231	227	217	186	89	492
183	Janesville, WI [27500]	149	110	102	225	155	482
119	Johnson City, TN [27740]	113	134	135	75	156	366
176	Joplin, MO [27900]	174	203	199	93	179	471
45	Kalamazoo-Portage, MI [28020]	128	114	86	71	66	223
114	Kansas City, MO-KS [28140]	21	24	87	47	230	364
148	Kennewick-Richland-Pasco, WA [28420]	131	167	147	81	202	430
213	Killeen-Temple-Fort Hood, TX [28660]	200	213	191	175	170	536
178	Kingsport-Bristol-Bristol, TN-VA [28700]	118	148	183	82	207	472
210	Kingston, NY [28740]	152	111	151	240	140	531
101	Knoxville, TN [28940]	68	79	18	102	228	348
85	Lafayette, LA [29180]	146	170	156	135	40	331
228	Lake Charles, LA [29340]	242	232	235	203	135	573
241	Lake Havasu City-Kingman, AZ [29420]	240	241	241	236	127	604
48	Lakeland, FL [29460]	150	142	63	148	26	237
71	Lancaster, PA [29540]	121	103	74	176	54	304
161	Lansing-East Lansing, MI [29620]	136	122	188	130	128	446

13	Laredo, TX [29700]	44	56	47	6	41	94
179	Las Cruces, NM [29740]	203	245	221	123	132	476
43	Las Vegas-Paradise, NV [29820]	51	52	108	100	13	221
171	Lexington-Fayette, KY [30460]	107	116	67	247	152	466
160	Lincoln, NE [30700]	139	154	170	103	171	444
237	Little Rock-North Little Rock-Conway, AR [30780]	157	166	173	226	197	596
142	Longview, TX [30980]	192	184	172	145	103	420
76	Louisville/Jefferson County, KY-IN [31140]	59	80	44	111	158	313
135	Lubbock, TX [31180]	211	219	209	131	53	393
152	Lynchburg, VA [31340]	155	156	164	65	205	434
102	Macon, GA [31420]	209	194	190	108	50	348
81	Madison, WI [31540]	43	54	14	76	229	319
67	Manchester-Nashua, NH [31700]	50	46	42	17	239	298
196	McAllen-Edinburg-Mission, TX [32580]	215	210	224	217	62	503
137	Medford, OR [32780]	165	174	126	109	165	400
165	Memphis, TN-MS-AR [32820]	60	64	73	165	216	454
155	Merced, CA [32900]	208	187	210	154	72	436
30	Miami-Fort Lauderdale-Pompano Beach, FL [33100]	30	27	27	139	4	170
134	Midland, TX [33260]	173	181	171	140	78	389
130	Milwaukee-Waukesha-West Allis, WI [33340]	57	62	11	127	243	381
82	Minneapolis-St. Paul-Bloomington, MN-WI [33460]	16	17	31	42	246	319
216	Mobile, AL [33660]	217	225	242	204	104	550
63	Modesto, CA [33700]	70	49	80	28	181	289
202	Monroe, LA [33740]	222	230	218	218	76	512
220	Montgomery, AL [33860]	207	231	234	171	147	552
211	Muskegon-Norton Shores, MI [34740]	219	212	214	110	208	532
205	Myrtle Beach-Conway-North Myrtle Beach, SC [34820]	235	234	220	209	90	519
57	Naples-Marco Island, FL [34940]	129	135	143	92	25	260
39	Nashville-Davidson--Murfreesboro--Franklin, TN [34980]	64	67	10	187	21	218
93	New Haven-Milford, CT [35300]	62	45	50	58	232	340
105	New Orleans-Metairie-Kenner, LA [35380]	137	146	109	205	38	352
159	New York-Northern New Jersey-Long Island, NY-NJ-PA [35620]	4	3	131	66	244	441
40	Niles-Benton Harbor, MI [35660]	85	96	68	24	126	218
70	Norwich-New London, CT [35980]	248	150	174	43	85	302
115	Ocala, FL [36100]	164	147	130	115	119	364
158	Ogden-Clearfield, UT [36260]	111	94	17	219	204	440
231	Oklahoma City, OK [36420]	160	158	150	206	223	579
132	Olympia, WA [36500]	170	171	138	166	80	384
54	Omaha-Council Bluffs, NE-IA [36540]	75	82	153	67	34	254
41	Orlando-Kissimmee, FL [36740]	47	55	29	141	49	219
246	Oshkosh-Neenah, WI [36780]	177	161	202	248	177	627
77	Oxnard-Thousand Oaks-Ventura, CA [37100]	41	38	112	36	168	316
22	Palm Bay-Melbourne-Titusville, FL [37340]	65	63	82	20	45	147
187	Panama City-Lynn Haven, FL [37460]	247	248	249	128	108	485

182	Pensacola-Ferry Pass-Brent, FL [37860]	199	204	194	227	59	480
86	Peoria, IL [37900]	52	71	96	32	203	331
28	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD [37980]	11	12	71	87	3	161
31	Phoenix-Mesa-Scottsdale, AZ [38060]	19	19	21	132	20	173
120	Pittsburgh, PA [38300]	27	33	52	77	237	366
21	Port St. Lucie, FL [38940]	100	76	22	83	30	135
169	Portland-South Portland-Biddeford, ME [38860]	95	100	84	195	182	461
51	Portland-Vancouver-Beaverton, OR-WA [38900]	20	22	33	30	184	247
192	Prescott, AZ [39140]	193	191	189	117	191	497
36	Providence-New Bedford-Fall River, RI-MA [39300]	54	58	76	94	29	199
11	Provo-Orem, UT [39340]	45	48	24	35	18	77
230	Pueblo, CO [39380]	224	220	208	238	131	577
245	Punta Gorda, FL [39460]	218	206	222	242	159	623
172	Racine, WI [39540]	138	140	146	95	225	466
9	Raleigh-Cary, NC [39580]	15	15	19	39	9	67
94	Reading, PA [39740]	104	84	100	96	145	341
174	Redding, CA [39820]	214	202	197	181	92	470
53	Reno-Sparks, NV [39900]	58	60	51	33	167	251
91	Richmond, VA [40060]	69	69	92	191	55	338
143	Riverside-San Bernardino-Ontario, CA [40140]	49	51	16	167	240	423
106	Roanoke, VA [40220]	133	136	114	78	161	353
68	Rochester, MN [40340]	46	40	139	15	144	298
44	Rochester, NY [40380]	34	26	105	55	61	221
64	Rockford, IL [40420]	98	99	69	48	172	289
62	Sacramento--Arden-Arcade--Roseville, CA [40900]	55	57	122	118	42	282
79	Saginaw-Saginaw Township North, MI [40980]	159	130	113	88	116	317
233	Salem, OR [41420]	201	242	238	220	125	583
162	Salinas, CA [41500]	109	118	125	104	217	446
177	Salisbury, MD [41540]	213	218	206	221	44	471
7	Salt Lake City, UT [41620]	33	36	1	44	17	62
32	San Antonio, TX [41700]	37	43	34	97	43	174
3	San Diego-Carlsbad-San Marcos, CA [41740]	6	6	36	7	5	48
5	San Francisco-Oakland-Fremont, CA [41860]	2	2	55	5	1	61
78	San Jose-Sunnyvale-Santa Clara, CA [41940]	1	1	66	1	249	316
149	San Luis Obispo-Paso Robles, CA [42020]	158	162	177	112	141	430
8	Santa Cruz-Watsonville, CA [42100]	24	20	25	2	35	62
49	Santa Rosa-Petaluma, CA [42220]	101	78	83	119	39	241
191	Savannah, GA [42340]	184	195	165	182	148	495
232	Scranton--Wilkes-Barre, PA [42540]	187	208	204	188	189	581
1	Seattle-Tacoma-Bellevue, WA [42660]	3	5	5	10	6	21
180	Shreveport-Bossier City, LA [43340]	172	183	162	199	115	476
217	Sioux City, IA-NE-SD [43580]	246	244	245	222	84	551
29	Sioux Falls, SD [43620]	124	129	59	45	57	161
144	South Bend-Mishawaka, IN-MI [43780]	110	95	159	41	224	424

122	Spartanburg, SC [43900]	116	92	121	50	200	371
89	Spokane, WA [44060]	114	126	93	136	106	335
195	Springfield, IL [44100]	188	155	186	177	138	501
133	Springfield, MA [44140]	94	102	54	120	210	384
139	Springfield, MO [44180]	183	205	158	197	58	413
186	St. Cloud, MN [41060]	195	197	180	151	153	484
61	St. Louis, MO-IL [41180]	66	61	32	168	81	281
60	State College, PA [44300]	88	119	77	23	180	280
146	Stockton, CA [44700]	108	97	79	152	196	427
128	Syracuse, NY [45060]	77	87	101	79	199	379
84	Tallahassee, FL [45220]	122	144	115	116	91	322
26	Tampa-St. Petersburg-Clearwater, FL [45300]	39	37	6	121	31	158
218	Terre Haute, IN [45460]	243	237	236	233	82	551
108	Toledo, OH [45780]	91	98	60	72	222	354
99	Topeka, KS [45820]	87	107	123	38	186	347
97	Trenton-Ewing, NJ [45940]	48	34	98	12	236	346
72	Tucson, AZ [46060]	40	41	23	60	221	304
69	Tulsa, OK [46140]	81	91	57	155	88	300
151	Tuscaloosa, AL [46220]	186	193	169	153	111	433
59	Tyler, TX [46340]	154	165	141	89	48	278
247	Utica-Rome, NY [46540]	225	228	223	228	188	639
35	Vallejo-Fairfield, CA [46700]	90	85	88	56	47	191
238	Vineland-Millville-Bridgeton, NJ [47220]	245	239	247	241	110	598
170	Virginia Beach-Norfolk-Newport News, VA-NC [47260]	82	93	48	200	213	461
198	Visalia-Porterville, CA [47300]	196	207	192	223	93	508
189	Waco, TX [47380]	221	236	216	169	105	490
224	Warner Robins, GA [47580]	241	238	239	210	109	558
27	Washington-Arlington-Alexandria, DC-VA-MD-WV [47900]	10	14	41	105	14	160
212	Waterloo-Cedar Falls, IA [47940]	220	186	175	172	185	532
138	Wichita, KS [48620]	97	120	103	98	209	410
38	Wilmington, NC [48900]	102	133	107	40	68	215
100	Winston-Salem, NC [49180]	74	86	56	90	201	347
52	Worcester, MA [49340]	25	25	12	18	218	248
234	Yakima, WA [49420]	244	243	246	183	154	583
113	York-Hanover, PA [49620]	134	132	128	184	51	363
239	Youngstown-Warren-Boardman, OH-PA [49660]	181	177	144	243	211	598
147	Yuba City, CA [49700]	166	151	178	156	95	429
203	Yuma, AZ [49740]	228	229	213	170	134	517

OTHER REFERENCE TABLES:

PATENT CLASS – SHARED INVENTOR & ASSIGNEE LOCALITY INDEX:

Rank	Art Class	Assignee Locations	Inventor Locations	Shared Assignee-Inventor Locations	Shared Percentage
232	192 clutches and power-stop control [192]	57	94	49	52.1%
138	Abrading [451]	102	165	99	60.0%
348	Abrasive tool making process, material, or composition [51]	25	56	24	42.9%
121	Acoustics [181]	95	144	88	61.1%
74	Active solid-state devices (e.g., transistors, solid-state diodes) [257]	112	160	104	65.0%
41	Adhesive bonding and miscellaneous chemical manufacture [156]	145	208	143	68.8%
288	Advancing material of indeterminate length [226]	20	27	13	48.1%
90	Aeronautics and astronautics [244]	110	168	106	63.1%
79	Agitating [366]	106	157	101	64.3%
380	Alloys or metallic compositions [420]	25	53	20	37.7%
258	Ammunition and explosive-charge making [86]	32	54	27	50.0%
323	Ammunition and explosives [102]	66	135	61	45.2%
201	Amplifiers [330]	63	103	57	55.3%
374	Amusement devices [472]	39	93	36	38.7%
278	Amusement devices: games [273]	81	158	77	48.7%
236	Amusement devices: games [463]	79	143	74	51.7%
205	Amusement devices: toys [446]	80	140	77	55.0%
178	Animal husbandry [119]	119	203	116	57.1%
311	Apparel [2]	76	152	71	46.7%
393	Apparel apparatus [223]	25	75	24	32.0%
200	Article dispensing [221]	69	119	66	55.5%
243	Automatic temperature and humidity regulation [236]	54	94	48	51.1%
418	Baths, closets, sinks, and spittoons [4]	0	2	0	0.0%
115	Batteries: thermoelectric and photoelectric [136]	74	114	70	61.4%
220	Bearings [384]	59	103	55	53.4%
324	Beds [5]	54	109	49	45.0%
417	Bee culture [449]	4	15	2	13.3%
309	Binder device releasably engaging aperture or notch of sheet [402]	23	47	22	46.8%
330	Bleaching and dyeing; fluid treatment and chemical modification of textiles and fibers [8]	5	9	4	44.4%

188	Bookbinding: process and apparatus [412]	12	16	9	56.3%
180	Books, strips, and leaves [281]	39	58	33	56.9%
351	Books, strips, and leaves for manifolding [462]	3	7	3	42.9%
2	Boot and shoe making [12]	3	2	2	100.0%
337	Boots, shoes, and leggings [36]	50	111	49	44.1%
346	Boring or penetrating the earth [175]	54	118	51	43.2%
105	Bottles and jars [215]	72	108	67	62.0%
195	Brakes [188]	87	145	81	55.9%
367	Bridges [14]	39	82	33	40.2%
413	Brush, broom, and mop making [300]	9	20	4	20.0%
215	Brushing, scrubbing, and general cleaning [15]	54	95	51	53.7%
266	Buckles, buttons, clasps, etc. [24]	74	141	70	49.6%
363	Buoys, rafts, and aquatic devices [441]	46	111	45	40.5%
369	Butchering [452]	43	103	41	39.8%
412	Card, picture, or sign exhibiting [40]	8	23	5	21.7%
186	Catalyst, solid sorbent, or support therefor: product or process of making [502]	78	133	75	56.4%
276	Chain, staple, and horseshoe making [59]	26	41	20	48.8%
99	Chairs and seats [297]	136	215	134	62.3%
131	Check-actuated control mechanisms [194]	27	38	23	60.5%
14	Chemical apparatus and process disinfecting, deodorizing, preserving, or sterilizing [422]	155	206	151	73.3%
262	Chemistry of carbon compounds [260]	4	6	3	50.0%
318	Chemistry of hydrocarbon compounds [585]	55	108	50	46.3%
38	Chemistry of inorganic compounds [423]	124	173	120	69.4%
78	Chemistry: analytical and immunological testing [436]	118	179	116	64.8%
70	Chemistry: electrical and wave energy [204]	104	156	102	65.4%
33	Chemistry: electrical current producing apparatus, product, and process [429]	110	150	105	70.0%
310	Chemistry: fertilizers [71]	61	107	50	46.7%
302	Chemistry: fischer-tropsch processes; or purification or recovery of products thereof [518]	29	55	26	47.3%
5	Chemistry: molecular biology and microbiology [435]	174	220	173	78.6%
66	Chemistry: natural resins or derivatives; peptides or proteins; lignins or reaction products thereof [530]	114	163	107	65.6%
411	Chemistry: physical processes [23]	11	25	6	24.0%
292	Chucks or sockets [279]	30	50	24	48.0%
187	Classifying, separating, and assorting solids [209]	89	149	84	56.4%
86	Cleaning and liquid contact with solids [134]	116	180	114	63.3%
171	Cleaning compositions for solid surfaces, auxiliary compositions therefor, or processes of preparing the compositions [510]	84	144	83	57.6%
157	Closure fasteners [292]	106	172	101	58.7%
102	Coating apparatus [118]	96	143	89	62.2%
242	Coating implements with material supply [401]	66	125	64	51.2%
34	Coating processes [427]	146	204	142	69.6%
137	Coded data generation or conversion [341]	88	130	78	60.0%
55	Coherent light generators [372]	89	125	84	67.2%
415	Coin handling [453]	9	21	4	19.0%
218	Colloid systems and wetting agents; subcombinations thereof; processes of [516]	41	71	38	53.5%

62	Combinatorial chemistry technology: method, library, apparatus [506]	49	68	45	66.2%
214	Combustion [431]	88	147	79	53.7%
228	Communications, electrical: acoustic wave systems and devices [367]	64	116	61	52.6%
60	Communications: directive radio wave systems and devices (e.g., radar, radio navigation) [342]	106	148	98	66.2%
4	Communications: electrical [340]	190	240	189	78.8%
71	Communications: radio wave antennas [343]	117	170	111	65.3%
36	Compositions [252]	119	164	114	69.5%
206	Compositions: ceramic [501]	54	82	45	54.9%
49	Compositions: coating or plastic [106]	113	160	108	67.5%
1	Compound tools [7]	2	2	2	100.0%
47	Computer graphics processing and selective visual display systems [345]	130	185	125	67.6%
240	Computer-aided design and analysis of circuits and semiconductor masks [716]	58	109	56	51.4%
405	Concentrating evaporators [159]	12	27	7	25.9%
295	Conveyors, chutes, skids, guides, and ways [193]	28	46	22	47.8%
150	Conveyors: fluid current [406]	83	135	80	59.3%
128	Conveyors: power-driven [198]	109	168	102	60.7%
420	Coopering [147]	1	1	0	0.0%
406	Crop threshing or separating [460]	9	31	8	25.8%
269	Cryptography [380]	68	132	65	49.2%
371	Cutlery [30]	25	59	23	39.0%
395	Cutters, for shaping [407]	30	72	23	31.9%
219	Cutting [83]	57	101	54	53.5%
383	Cutting by use of rotating axially moving tool [408]	40	94	34	36.2%
98	Data processing: artificial intelligence [706]	105	162	101	62.3%
81	Data processing: database and file management or data structures [707]	140	215	138	64.2%
8	Data processing: financial, business practice, management, or cost/price determination [705]	183	235	181	77.0%
24	Data processing: generic control systems or specific applications [700]	153	212	151	71.2%
9	Data processing: measuring, calibrating, or testing [702]	173	220	169	76.8%
113	Data processing: presentation processing of document, operator interface processing, and screen saver display processing [715]	120	190	117	61.6%
275	Data processing: software development, installation, and management [717]	89	172	84	48.8%
117	Data processing: speech signal processing, linguistics, language translation, and audio compression/decompression [704]	98	145	89	61.4%
84	Data processing: structural design, modeling, simulation, and emulation [703]	111	175	111	63.4%
30	Data processing: vehicles, navigation, and relative location [701]	154	212	149	70.3%
306	Demodulators [329]	10	17	8	47.1%
225	Dentistry [433]	79	145	77	53.1%
384	Deposit and collection receptacles [232]	36	81	29	35.8%
77	Dispensing [222]	121	182	118	64.8%
163	Distillation: apparatus [202]	32	48	28	58.3%
373	Distillation: processes, separatory [203]	28	67	26	38.8%
320	Distillation: processes, thermolytic [201]	20	37	17	45.9%
6	Drug, bio-affecting and body treating compositions [424]	182	230	180	78.3%
13	Drug, bio-affecting and body treating compositions [514]	171	229	169	73.8%
216	Drying and gas or vapor contact with solids [34]	39	69	37	53.6%

251	Dynamic information storage or retrieval [369]	49	91	46	50.5%
355	Dynamic magnetic information storage or retrieval [360]	40	87	37	42.5%
378	Dynamic optical information storage or retrieval [720]	23	47	18	38.3%
167	Earth boring, well treating, and oil field chemistry [507]	35	57	33	57.9%
365	Earth working [172]	47	104	42	40.4%
95	Education and demonstration [434]	111	174	109	62.6%
12	Electric heating [219]	146	186	138	74.2%
92	Electric lamp and discharge devices [313]	77	111	70	63.1%
263	Electric lamp and discharge devices: consumable electrodes [314]	2	2	1	50.0%
96	Electric lamp and discharge devices: systems [315]	104	152	95	62.5%
120	Electric lamp or space discharge component or device manufacturing [445]	57	85	52	61.2%
69	Electric power conversion systems [363]	81	113	74	65.5%
229	Electric resistance heating devices [392]	77	116	61	52.6%
165	Electrical audio signal processing systems and devices [381]	100	167	97	58.1%
245	Electrical computers and digital data processing systems: input/output [710]	84	151	77	51.0%
238	Electrical computers and digital processing systems: interprogram communication or interprocess communication (ipc) [719]	63	116	60	51.7%
303	Electrical computers and digital processing systems: memory [711]	72	144	68	47.2%
104	Electrical computers and digital processing systems: multicomputer data transferring [709]	139	219	136	62.1%
250	Electrical computers and digital processing systems: processing architectures and instruction processing (e.g., processors) [712]	48	81	41	50.6%
170	Electrical computers and digital processing systems: support [713]	109	187	108	57.8%
286	Electrical computers and digital processing systems: virtual machine task or process management or task management/control [718]	61	114	55	48.2%
85	Electrical computers: arithmetic processing and calculating [708]	68	101	64	63.4%
48	Electrical connectors [439]	135	197	133	67.5%
27	Electrical generator or motor structure [310]	128	176	124	70.5%
382	Electrical pulse counters, pulse dividers, or shift registers: circuits and systems [377]	17	32	12	37.5%
166	Electrical resistors [338]	55	81	47	58.0%
107	Electrical transmission or interconnection systems [307]	112	173	107	61.8%
152	Electricity: battery or capacitor charging or discharging [320]	90	151	89	58.9%
196	Electricity: circuit makers and breakers [200]	85	145	81	55.9%
133	Electricity: conductors and insulators [174]	116	189	114	60.3%
40	Electricity: electrical systems and devices [361]	144	202	139	68.8%
341	Electricity: electrothermally or thermally actuated switches [337]	51	110	48	43.6%
126	Electricity: magnetically operated switches, magnets, and electromagnets [335]	101	153	93	60.8%
15	Electricity: measuring and testing [324]	155	208	152	73.1%
59	Electricity: motive power systems [318]	105	151	100	66.2%
333	Electricity: motor control systems [388]	13	18	8	44.4%
204	Electricity: power supply or regulation systems [323]	68	109	60	55.0%
130	Electricity: single generator systems [322]	44	61	37	60.7%
136	Electricity: transmission to vehicles [191]	24	30	18	60.0%
88	Electrolysis: processes, compositions used therein, and methods of preparing the compositions [205]	91	136	86	63.2%
283	Electronic digital logic circuitry [326]	52	91	44	48.4%
57	Electronic funds transfer [902]	2	3	2	66.7%

396	Electrophotography [399]	23	60	19	31.7%
217	Elevator, industrial lift truck, or stationary lift for vehicle [187]	42	69	37	53.6%
326	Elongated-member-driving apparatus [227]	39	78	35	44.9%
376	Endless belt power transmission systems or components [474]	39	83	32	38.6%
284	Envelopes, wrappers, and paperboard boxes [229]	62	120	58	48.3%
222	Error detection/correction and fault detection/recovery [714]	93	169	90	53.3%
176	Etching a substrate: processes [216]	66	108	62	57.4%
419	Excavating [37]	0	2	0	0.0%
241	Exercise devices [482]	102	199	102	51.3%
304	Expanded, threaded, driven, headed, tool-deformed, or locked-threaded fastener [411]	68	138	65	47.1%
231	Expansible chamber devices [92]	39	63	33	52.4%
332	Explosive and thermic compositions or charges [149]	31	63	28	44.4%
45	Fabric (woven, knitted, or nonwoven textile or cloth, etc.) [442]	88	124	84	67.7%
197	Facsimile and static presentation processing [358]	72	120	67	55.8%
401	Farriery [168]	4	14	4	28.6%
358	Fences [256]	48	89	37	41.6%
375	Fire escape, ladder, or scaffold [182]	64	163	63	38.7%
270	Fire extinguishers [169]	49	94	46	48.9%
325	Firearms [42]	82	176	79	44.9%
377	Fishing, trapping, and vermin destroying [43]	72	180	69	38.3%
175	Flexible bags [383]	54	94	54	57.4%
299	Flexible or portable closure, partition, or panel [160]	63	124	59	47.6%
149	Fluent material handling, with receiver or receiver coating means [141]	103	170	101	59.4%
61	Fluid handling [137]	145	216	143	66.2%
301	Fluid reaction surfaces (i.e., impellers) [416]	70	129	61	47.3%
26	Fluid sprinkling, spraying, and diffusing [239]	135	185	131	70.8%
385	Fluid-pressure and analogous brake systems [303]	48	112	40	35.7%
16	Food or edible material: processes, compositions, and products [426]	133	181	132	72.9%
340	Foundation garments [450]	37	80	35	43.8%
359	Freight accommodation on freight carrier [410]	59	135	56	41.5%
387	Friction gear transmission systems or components [476]	9	23	8	34.8%
397	Fuel and related compositions [44]	27	83	26	31.3%
173	Furnaces [110]	56	80	46	57.5%
239	Games using tangible projectile [473]	109	208	107	51.4%
101	Gas and liquid contact apparatus [261]	79	114	71	62.3%
345	Gas separation [55]	18	37	16	43.2%
203	Gas separation: apparatus [96]	55	87	48	55.2%
191	Gas separation: processes [95]	86	139	78	56.1%
198	Gas: heating and illuminating [48]	45	70	39	55.7%
281	Gear cutting, milling, or planing [409]	38	66	32	48.5%
389	Geometrical instruments [33]	21	47	16	34.0%
290	Glass manufacturing [65]	27	52	25	48.1%
118	Handling: hand and hoist-line implements [294]	132	212	130	61.3%
312	Harness for working animal [54]	56	120	56	46.7%

227	Harvesters [56]	99	186	98	52.7%
155	Hazardous or toxic waste destruction or containment [588]	49	68	40	58.8%
108	Heat exchange [165]	100	152	94	61.8%
334	Heating [432]	34	63	28	44.4%
261	Heating systems [237]	25	38	19	50.0%
379	High-voltage switches with arc preventing or extinguishing devices [218]	17	29	11	37.9%
237	Horizontally supported planar surfaces [108]	81	145	75	51.7%
319	Horology: time measuring systems or devices [368]	49	100	46	46.0%
52	Hydraulic and earth engineering [405]	135	196	132	67.3%
72	Illumination [362]	143	216	141	65.3%
19	Image analysis [382]	148	198	143	72.2%
159	Imperforate bowl: centrifugal separators [494]	45	70	41	58.6%
233	Implements or apparatus for applying pushing or pulling force [254]	86	154	80	51.9%
322	Incremental printing of symbolic information [347]	55	117	53	45.3%
248	Induced nuclear reactions: processes, systems, and elements [376]	42	73	37	50.7%
254	Inductor devices [336]	75	139	70	50.4%
361	Industrial electric heating furnaces [373]	36	75	31	41.3%
168	Information security [726]	109	178	103	57.9%
347	Interactive video distribution systems [725]	66	139	60	43.2%
156	Internal-combustion engines [123]	117	194	114	58.8%
372	Interrelated power delivery controls, including engine control [477]	34	59	23	39.0%
402	Jewelry [63]	18	53	15	28.3%
83	Joints and connections [403]	96	137	87	63.5%
416	Knots and knot tying [289]	6	23	4	17.4%
32	Land vehicles [280]	160	227	159	70.0%
425	Land vehicles: animal draft appliances [278]	0	1	0	0.0%
147	Land vehicles: bodies and tops [296]	128	208	124	59.6%
39	Land vehicles: dumping [298]	134	187	129	69.0%
202	Land vehicles: wheels and axles [301]	76	123	68	55.3%
257	Leather manufactures [69]	4	4	2	50.0%
169	Liquid crystal cells, elements and systems [349]	55	83	48	57.8%
315	Liquid heaters and vaporizers [122]	53	90	42	46.7%
7	Liquid purification or separation [210]	174	218	168	77.1%
293	Locks [70]	45	92	44	47.8%
305	Lubrication [184]	40	68	32	47.1%
360	Machine element or mechanism [74]	35	58	24	41.4%
230	Manufacturing container or tube from paper; or other manufacturing from a sheet or web [493]	68	120	63	52.5%
267	Marine propulsion [440]	52	105	52	49.5%
64	Material or article handling [414]	120	176	116	65.9%
21	Measuring and testing [73]	137	188	135	71.8%
342	Mechanical guns and projectors [124]	61	131	57	43.5%
381	Merchandising [186]	10	24	9	37.5%
223	Metal deforming [72]	46	79	42	53.2%
253	Metal founding [164]	76	139	70	50.4%

181	Metal fusion bonding [228]	80	125	71	56.8%
400	Metal tools and implements, making [76]	4	7	2	28.6%
50	Metal treatment [148]	87	126	85	67.5%
73	Metal working [29]	71	100	65	65.0%
287	Metallurgical apparatus [266]	46	85	41	48.2%
362	Mineral oils: apparatus [196]	11	17	7	41.2%
282	Mineral oils: processes and products [208]	48	97	47	48.5%
327	Mining or in situ disintegration of hard material [299]	27	58	26	44.8%
183	Miscellaneous active electrical nonlinear devices, circuits, and systems [327]	80	120	68	56.7%
285	Miscellaneous hardware (e.g., bushing, carpet fastener, caster, door closer, panel hanger, attachable or adjunct handle, hinge, window sash balance, etc.) [16]	48	87	42	48.3%
386	Modulators [332]	49	124	44	35.5%
272	Motion video signal processing for recording or reproducing [386]	48	92	45	48.9%
134	Motor vehicles [180]	120	194	117	60.3%
259	Motors: expansible chamber type [91]	7	12	6	50.0%
407	Motors: spring, weight, or animal powered [185]	3	8	2	25.0%
357	Movable or removable closures [49]	22	48	20	41.7%
177	Multicellular living organisms and unmodified parts thereof and related processes [800]	97	162	93	57.4%
194	Multiplex communications [370]	114	200	112	56.0%
103	Music [84]	33	45	28	62.2%
208	Nanotechnology [977]	16	22	12	54.5%
390	Needle and pin making [163]	31	59	20	33.9%
161	Optical communications [398]	79	123	72	58.5%
114	Optical waveguides [385]	110	179	110	61.5%
119	Optical: systems and elements [359]	113	178	109	61.2%
129	Optics: eye examining, vision testing and correcting [351]	90	145	88	60.7%
144	Optics: image projectors [353]	59	82	49	59.8%
20	Optics: measuring and testing [356]	146	196	141	71.9%
394	Optics: motion pictures [352]	9	25	8	32.0%
190	Ordnance [89]	89	153	86	56.2%
274	Organic compounds -- part of the class 532-570 series [532]	26	43	21	48.8%
25	Organic compounds -- part of the class 532-570 series [534]	104	141	100	70.9%
29	Organic compounds -- part of the class 532-570 series [536]	119	165	116	70.3%
122	Organic compounds -- part of the class 532-570 series [540]	61	95	58	61.1%
193	Organic compounds -- part of the class 532-570 series [544]	66	116	65	56.0%
67	Organic compounds -- part of the class 532-570 series [546]	85	125	82	65.6%
145	Organic compounds -- part of the class 532-570 series [548]	80	129	77	59.7%
124	Organic compounds -- part of the class 532-570 series [549]	81	123	75	61.0%
329	Organic compounds -- part of the class 532-570 series [552]	30	56	25	44.6%
109	Organic compounds -- part of the class 532-570 series [554]	94	136	84	61.8%
116	Organic compounds -- part of the class 532-570 series [556]	67	101	62	61.4%
226	Organic compounds -- part of the class 532-570 series [558]	44	68	36	52.9%
93	Organic compounds -- part of the class 532-570 series [560]	72	105	66	62.9%
89	Organic compounds -- part of the class 532-570 series [562]	83	122	77	63.1%
68	Organic compounds -- part of the class 532-570 series [564]	85	122	80	65.6%

146	Organic compounds -- part of the class 532-570 series [568]	76	124	74	59.7%
189	Organic compounds -- part of the class 532-570 series [570]	24	32	18	56.3%
234	Oscillators [331]	61	106	55	51.9%
246	Package and article carriers [224]	85	159	81	50.9%
336	Package making [53]	24	43	19	44.2%
162	Paper making and fiber liberation [162]	85	132	77	58.3%
427	Peptide or protein sequence [930]	0	1	0	0.0%
354	Perfume compositions [512]	27	47	20	42.6%
207	Photocopying [355]	30	42	23	54.8%
252	Photography [396]	63	113	57	50.4%
53	Pipe joints or couplings [285]	117	165	111	67.3%
247	Pipes and tubular conduits [138]	73	128	65	50.8%
289	Planetary gear transmission systems or components [475]	61	108	52	48.1%
268	Plant husbandry [47]	82	156	77	49.4%
321	Plant protecting and regulating compositions [504]	56	107	49	45.8%
294	Planting [111]	38	69	33	47.8%
22	Plastic and nonmetallic article shaping or treating: processes [264]	153	211	151	71.6%
42	Plastic article or earthenware shaping or treating: apparatus [425]	127	176	121	68.8%
87	Powder metallurgy processes [419]	52	79	50	63.3%
160	Power plants [60]	53	82	48	58.5%
370	Presses [100]	46	96	38	39.6%
179	Prime-mover dynamo plants [290]	92	154	88	57.1%
356	Printed matter [283]	33	67	28	41.8%
135	Printing [101]	63	98	59	60.2%
76	Prosthesis (i.e., artificial body members), parts thereof, or aids and accessories therefor [623]	131	197	128	65.0%
184	Pulse or digital communications [375]	93	154	87	56.5%
65	Pumps [417]	120	166	109	65.7%
404	Purses, wallets, and protective covers [150]	18	51	14	27.5%
18	Radiant energy [250]	148	200	145	72.5%
148	Radiation imagery chemistry: process, composition, or product thereof [430]	80	131	78	59.5%
408	Railway draft appliances [213]	9	28	7	25.0%
424	Railway mail delivery [258]	0	2	0	0.0%
260	Railway rolling stock [105]	44	78	39	50.0%
316	Railway switches and signals [246]	42	75	35	46.7%
172	Railway wheels and axles [295]	94	153	88	57.5%
314	Railways [104]	48	90	42	46.7%
298	Railways: surface track [238]	26	42	20	47.6%
43	Receptacles [220]	140	198	136	68.7%
273	Record receiver having plural interactive leaves or a colorless color former, method of use, or developer therefor [503]	27	43	21	48.8%
392	Recorders [346]	17	36	12	33.3%
127	Refrigeration [62]	89	140	85	60.7%
54	Registers [235]	133	186	125	67.2%
244	Resilient tires and wheels [152]	79	143	73	51.0%
141	Road structure, process, or apparatus [404]	110	174	104	59.8%

264	Roll or roller [492]	34	48	24	50.0%
317	Rotary expansible chamber devices [418]	41	82	38	46.3%
158	Rotary kinetic fluid motors or pumps [415]	94	155	91	58.7%
279	Rotary shafts, gudgeons, housings, and flexible couplings for rotary shafts [464]	46	78	38	48.7%
35	Safes, bank protection, or a related device [109]	19	23	16	69.6%
307	Scanning-probe techniques or apparatus; applications of scanning-probe techniques, e.g., scanning probe microscopy [spm] [850]	24	49	23	46.9%
224	Seal for a joint or juncture [277]	73	128	68	53.1%
409	Selective cutting (e.g., punching) [234]	1	4	1	25.0%
154	Semiconductor device manufacturing: process [438]	102	170	100	58.8%
271	Severing by tearing or breaking [225]	33	47	23	48.9%
328	Sewing [112]	38	67	30	44.8%
352	Sheet feeding or delivering [271]	36	75	32	42.7%
199	Sheet metal container making [413]	7	9	5	55.6%
388	Sheet-material associating [270]	20	38	13	34.2%
174	Ships [114]	100	167	96	57.5%
349	Signals and indicators [116]	54	112	48	42.9%
63	Single-crystal, oriented-crystal, and epitaxy growth processes; non-coating apparatus therefor [117]	65	88	58	65.9%
265	Solid anti-friction devices, materials therefor, lubricant or separant compositions for moving solid surfaces, and miscellaneous mineral oil compositions [508]	48	84	42	50.0%
94	Solid material comminution or disintegration [241]	106	166	104	62.7%
80	Special receptacle or package [206]	139	213	137	64.3%
44	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures [75]	20	28	19	67.9%
210	Spring devices [267]	59	92	50	54.3%
235	Static information storage and retrieval [365]	60	112	58	51.8%
211	Static molds [249]	45	70	38	54.3%
142	Static structures (e.g., buildings) [52]	105	169	101	59.8%
10	Stock material or miscellaneous articles [428]	170	225	170	75.6%
350	Stone working [125]	31	63	27	42.9%
151	Stoves and furnaces [126]	93	142	84	59.2%
331	Sugar, starch, and carbohydrates [127]	18	36	16	44.4%
110	Superconductor technology: apparatus, material, process [505]	32	47	29	61.7%
31	Supports [248]	158	222	156	70.3%
112	Supports: cabinet structure [312]	96	146	90	61.6%
185	Supports: racks [211]	105	170	96	56.5%
51	Surgery [128]	127	181	122	67.4%
23	Surgery [600]	157	216	154	71.3%
56	Surgery [604]	148	216	144	66.7%
17	Surgery [606]	165	224	163	72.8%
209	Surgery: kinesitherapy [601]	65	114	62	54.4%
100	Surgery: light, thermal, and electrical application [607]	116	183	114	62.3%
139	Surgery: splint, brace, or bandage [602]	111	182	109	59.9%
97	Synthetic resins or natural rubbers -- part of the class 520 series [521]	115	176	110	62.5%
111	Synthetic resins or natural rubbers -- part of the class 520 series [522]	118	180	111	61.7%
143	Synthetic resins or natural rubbers -- part of the class 520 series [523]	105	169	101	59.8%

28	Synthetic resins or natural rubbers -- part of the class 520 series [524]	135	186	131	70.4%
164	Synthetic resins or natural rubbers -- part of the class 520 series [525]	111	182	106	58.2%
192	Synthetic resins or natural rubbers -- part of the class 520 series [526]	95	164	92	56.1%
82	Synthetic resins or natural rubbers -- part of the class 520 series [527]	110	162	103	63.6%
91	Synthetic resins or natural rubbers -- part of the class 520 series [528]	99	149	94	63.1%
58	Telecommunications [455]	144	211	140	66.4%
213	Telegraphy [178]	9	13	7	53.8%
280	Telephonic communications [379]	93	179	87	48.6%
46	Television [348]	126	182	123	67.6%
353	Tent, canopy, umbrella, or cane [135]	58	129	55	42.6%
368	Textiles: braiding, netting, and lace making [87]	15	30	12	40.0%
343	Textiles: cloth finishing [26]	11	23	10	43.5%
296	Textiles: fiber preparation [19]	12	21	10	47.6%
364	Textiles: fluid treating apparatus [68]	20	42	17	40.5%
255	Textiles: ironing or smoothing [38]	13	18	9	50.0%
297	Textiles: knitting [66]	11	21	10	47.6%
256	Textiles: spinning, twisting, and twining [57]	48	82	41	50.0%
125	Textiles: weaving [139]	39	51	31	60.8%
123	Thermal measuring and testing [374]	99	154	94	61.0%
410	Threaded, headed fastener, or washer making: process and apparatus [470]	8	24	6	25.0%
338	Tobacco [131]	33	73	32	43.8%
391	Toilet [132]	37	105	35	33.3%
75	Tool changing [483]	16	20	13	65.0%
339	Tool driving or impacting [173]	36	73	32	43.8%
313	Tools [81]	76	150	70	46.7%
426	Track sanders [291]	1	13	0	0.0%
398	Traversing hoists [212]	20	49	15	30.6%
335	Trunks and hand-carried luggage [190]	24	52	23	44.2%
414	Tuners [334]	17	66	13	19.7%
132	Turning [82]	33	48	29	60.4%
11	Typesetting [276]	3	4	3	75.0%
249	Typewriting machines [400]	42	75	38	50.7%
399	Undertaking [27]	20	61	18	29.5%
421	Unearthing plants or buried objects [171]	2	13	0	0.0%
37	Valves and valve actuation [251]	104	144	100	69.4%
366	Vehicle fenders [293]	28	52	21	40.4%
140	Ventilation [454]	75	117	70	59.8%
153	Wave transmission lines and networks [333]	88	136	80	58.8%
221	Weighing scales [177]	52	92	49	53.3%
212	Wells [166]	85	150	81	54.0%
344	Wheel substitutes for land vehicles [305]	28	46	20	43.5%
403	Wheelwright machines [157]	10	25	7	28.0%
423	Whips and whip apparatus [231]	0	2	0	0.0%
182	Winding, tensioning, or guiding [242]	87	141	80	56.7%

291	Wire fabrics and structure [245]	31	52	25	48.1%
308	Wireworking [140]	22	32	15	46.9%
3	Wood turning [142]	3	3	3	100.0%
422	Wooden receptacles [217]	0	5	0	0.0%
300	Woodworking [144]	52	97	46	47.4%
277	Work holders [269]	60	121	59	48.8%
106	X-ray or gamma ray systems or devices [378]	89	139	86	61.9%

LIST OF PTO ART CLASSES:

Class Code	Class Description
002	Apparel
004	Baths, closets, sinks, and spittoons
005	Beds
007	Compound tools
008	Bleaching and dyeing; fluid treatment and chemical modification of textiles and fibers
012	Boot and shoe making
014	Bridges
015	Brushing, scrubbing, and general cleaning
016	Miscellaneous hardware (e.g., bushing, carpet fastener, caster, door closer, panel hanger, attachable or adjunct handle, hinge, window sash balance, etc.)
019	Textiles: fiber preparation
023	Chemistry: physical processes
024	Buckles, buttons, clasps, etc.
026	Textiles: cloth finishing
027	Undertaking
028	Textiles: manufacturing
029	Metal working
030	Cutlery
033	Geometrical instruments
034	Drying and gas or vapor contact with solids
036	Boots, shoes, and leggings
037	Excavating
038	Textiles: ironing or smoothing
040	Card, picture, or sign exhibiting
042	Firearms
043	Fishing, trapping, and vermin destroying
044	Fuel and related compositions
047	Plant husbandry
048	Gas: heating and illuminating
049	Movable or removable closures
051	Abrasive tool making process, material, or composition
052	Static structures (e.g., buildings)
053	Package making

054	Harness for working animal
055	Gas separation
056	Harvesters
057	Textiles: spinning, twisting, and twining
059	Chain, staple, and horseshoe making
060	Power plants
062	Refrigeration
063	Jewelry
065	Glass manufacturing
066	Textiles: knitting
068	Textiles: fluid treating apparatus
069	Leather manufactures
070	Locks
071	Chemistry: fertilizers
072	Metal deforming
073	Measuring and testing
074	Machine element or mechanism
075	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures
076	Metal tools and implements, making
079	Button making
081	Tools
082	Turning
083	Cutting
084	Music
086	Ammunition and explosive-charge making
087	Textiles: braiding, netting, and lace making
089	Ordnance
091	Motors: expansible chamber type
092	Expansible chamber devices
095	Gas separation: processes
096	Gas separation: apparatus
099	Foods and beverages: apparatus
100	Presses
101	Printing
102	Ammunition and explosives
104	Railways
105	Railway rolling stock
106	Compositions: coating or plastic
108	Horizontally supported planar surfaces
109	Safes, bank protection, or a related device
110	Furnaces
111	Planting
112	Sewing

114	Ships
116	Signals and indicators
117	Single-crystal, oriented-crystal, and epitaxy growth processes; non-coating apparatus therefor
118	Coating apparatus
119	Animal husbandry
122	Liquid heaters and vaporizers
123	Internal-combustion engines
124	Mechanical guns and projectors
125	Stone working
126	Stoves and furnaces
127	Sugar, starch, and carbohydrates
128	Surgery
131	Tobacco
132	Toilet
134	Cleaning and liquid contact with solids
135	Tent, canopy, umbrella, or cane
136	Batteries: thermoelectric and photoelectric
137	Fluid handling
138	Pipes and tubular conduits
139	Textiles: weaving
140	Wireworking
141	Fluent material handling, with receiver or receiver coating means
142	Wood turning
144	Woodworking
147	Coopering
148	Metal treatment
149	Explosive and thermic compositions or charges
150	Purses, wallets, and protective covers
152	Resilient tires and wheels
156	Adhesive bonding and miscellaneous chemical manufacture
157	Wheelwright machines
159	Concentrating evaporators
160	Flexible or portable closure, partition, or panel
162	Paper making and fiber liberation
163	Needle and pin making
164	Metal founding
165	Heat exchange
166	Wells
168	Farriery
169	Fire extinguishers
171	Unearthing plants or buried objects
172	Earth working
173	Tool driving or impacting
174	Electricity: conductors and insulators

175	Boring or penetrating the earth
177	Weighing scales
178	Telegraphy
180	Motor vehicles
181	Acoustics
182	Fire escape, ladder, or scaffold
184	Lubrication
185	Motors: spring, weight, or animal powered
186	Merchandising
187	Elevator, industrial lift truck, or stationary lift for vehicle
188	Brakes
190	Trunks and hand-carried luggage
191	Electricity: transmission to vehicles
192	192 clutches and power-stop control
193	Conveyors, chutes, skids, guides, and ways
194	Check-actuated control mechanisms
196	Mineral oils: apparatus
198	Conveyors: power-driven
199	Type casting
200	Electricity: circuit makers and breakers
201	Distillation: processes, thermolytic
202	Distillation: apparatus
203	Distillation: processes, separatory
204	Chemistry: electrical and wave energy
205	Electrolysis: processes, compositions used therein, and methods of preparing the compositions
206	Special receptacle or package
208	Mineral oils: processes and products
209	Classifying, separating, and assorting solids
210	Liquid purification or separation
211	Supports: racks
212	Traversing hoists
213	Railway draft appliances
215	Bottles and jars
216	Etching a substrate: processes
217	Wooden receptacles
218	High-voltage switches with arc preventing or extinguishing devices
219	Electric heating
220	Receptacles
221	Article dispensing
222	Dispensing
223	Apparel apparatus
224	Package and article carriers
225	Severing by tearing or breaking
226	Advancing material of indeterminate length

227	Elongated-member-driving apparatus
228	Metal fusion bonding
229	Envelopes, wrappers, and paperboard boxes
231	Whips and whip apparatus
232	Deposit and collection receptacles
234	Selective cutting (e.g., punching)
235	Registers
236	Automatic temperature and humidity regulation
237	Heating systems
238	Railways: surface track
239	Fluid sprinkling, spraying, and diffusing
241	Solid material comminution or disintegration
242	Winding, tensioning, or guiding
244	Aeronautics and astronautics
245	Wire fabrics and structure
246	Railway switches and signals
248	Supports
249	Static molds
250	Radiant energy
251	Valves and valve actuation
252	Compositions
254	Implements or apparatus for applying pushing or pulling force
256	Fences
257	Active solid-state devices (e.g., transistors, solid-state diodes)
258	Railway mail delivery
260	Chemistry of carbon compounds
261	Gas and liquid contact apparatus
264	Plastic and nonmetallic article shaping or treating: processes
266	Metallurgical apparatus
267	Spring devices
269	Work holders
270	Sheet-material associating
271	Sheet feeding or delivering
273	Amusement devices: games
276	Typesetting
277	Seal for a joint or juncture
278	Land vehicles: animal draft appliances
279	Chucks or sockets
280	Land vehicles
281	Books, strips, and leaves
283	Printed matter
285	Pipe joints or couplings
289	Knots and knot tying
290	Prime-mover dynamo plants

291	Track sanders
292	Closure fasteners
293	Vehicle fenders
294	Handling: hand and hoist-line implements
295	Railway wheels and axles
296	Land vehicles: bodies and tops
297	Chairs and seats
298	Land vehicles: dumping
299	Mining or in situ disintegration of hard material
300	Brush, broom, and mop making
301	Land vehicles: wheels and axles
303	Fluid-pressure and analogous brake systems
305	Wheel substitutes for land vehicles
307	Electrical transmission or interconnection systems
310	Electrical generator or motor structure
312	Supports: cabinet structure
313	Electric lamp and discharge devices
314	Electric lamp and discharge devices: consumable electrodes
315	Electric lamp and discharge devices: systems
318	Electricity: motive power systems
320	Electricity: battery or capacitor charging or discharging
322	Electricity: single generator systems
323	Electricity: power supply or regulation systems
324	Electricity: measuring and testing
326	Electronic digital logic circuitry
327	Miscellaneous active electrical nonlinear devices, circuits, and systems
329	Demodulators
330	Amplifiers
331	Oscillators
332	Modulators
333	Wave transmission lines and networks
334	Tuners
335	Electricity: magnetically operated switches, magnets, and electromagnets
336	Inductor devices
337	Electricity: electrothermally or thermally actuated switches
338	Electrical resistors
340	Communications: electrical
341	Coded data generation or conversion
342	Communications: directive radio wave systems and devices (e.g., radar, radio navigation)
343	Communications: radio wave antennas
345	Computer graphics processing and selective visual display systems
346	Recorders
347	Incremental printing of symbolic information
348	Television

349	Liquid crystal cells, elements and systems
351	Optics: eye examining, vision testing and correcting
352	Optics: motion pictures
353	Optics: image projectors
355	Photocopying
356	Optics: measuring and testing
358	Facsimile and static presentation processing
359	Optical: systems and elements
360	Dynamic magnetic information storage or retrieval
361	Electricity: electrical systems and devices
362	Illumination
363	Electric power conversion systems
365	Static information storage and retrieval
366	Agitating
367	Communications, electrical: acoustic wave systems and devices
368	Horology: time measuring systems or devices
369	Dynamic information storage or retrieval
370	Multiplex communications
372	Coherent light generators
373	Industrial electric heating furnaces
374	Thermal measuring and testing
375	Pulse or digital communications
376	Induced nuclear reactions: processes, systems, and elements
377	Electrical pulse counters, pulse dividers, or shift registers: circuits and systems
378	X-ray or gamma ray systems or devices
379	Telephonic communications
380	Cryptography
381	Electrical audio signal processing systems and devices
382	Image analysis
383	Flexible bags
384	Bearings
385	Optical waveguides
386	Motion video signal processing for recording or reproducing
388	Electricity: motor control systems
392	Electric resistance heating devices
396	Photography
398	Optical communications
399	Electrophotography
400	Typewriting machines
401	Coating implements with material supply
402	Binder device releasably engaging aperture or notch of sheet
403	Joints and connections
404	Road structure, process, or apparatus
405	Hydraulic and earth engineering

406	Conveyors: fluid current
407	Cutters, for shaping
408	Cutting by use of rotating axially moving tool
409	Gear cutting, milling, or planing
410	Freight accommodation on freight carrier
411	Expanded, threaded, driven, headed, tool-deformed, or locked-threaded fastener
412	Bookbinding: process and apparatus
413	Sheet metal container making
414	Material or article handling
415	Rotary kinetic fluid motors or pumps
416	Fluid reaction surfaces (i.e., impellers)
417	Pumps
418	Rotary expansible chamber devices
419	Powder metallurgy processes
420	Alloys or metallic compositions
422	Chemical apparatus and process disinfecting, deodorizing, preserving, or sterilizing
423	Chemistry of inorganic compounds
424	Drug, bio-affecting and body treating compositions
425	Plastic article or earthenware shaping or treating: apparatus
426	Food or edible material: processes, compositions, and products
427	Coating processes
428	Stock material or miscellaneous articles
429	Chemistry: electrical current producing apparatus, product, and process
430	Radiation imagery chemistry: process, composition, or product thereof
431	Combustion
432	Heating
433	Dentistry
434	Education and demonstration
435	Chemistry: molecular biology and microbiology
436	Chemistry: analytical and immunological testing
438	Semiconductor device manufacturing: process
439	Electrical connectors
440	Marine propulsion
441	Buoys, rafts, and aquatic devices
442	Fabric (woven, knitted, or nonwoven textile or cloth, etc.)
445	Electric lamp or space discharge component or device manufacturing
446	Amusement devices: toys
449	Bee culture
450	Foundation garments
451	Abrading
452	Butchering
453	Coin handling
454	Ventilation
455	Telecommunications

460	Crop threshing or separating
462	Books, strips, and leaves for manifolding
463	Amusement devices: games
464	Rotary shafts, gudgeons, housings, and flexible couplings for rotary shafts
470	Threaded, headed fastener, or washer making: process and apparatus
472	Amusement devices
473	Games using tangible projectile
474	Endless belt power transmission systems or components
475	Planetary gear transmission systems or components
476	Friction gear transmission systems or components
477	Interrelated power delivery controls, including engine control
482	Exercise devices
483	Tool changing
492	Roll or roller
493	Manufacturing container or tube from paper; or other manufacturing from a sheet or web
494	Imperforate bowl: centrifugal separators
501	Compositions: ceramic
502	Catalyst, solid sorbent, or support therefor: product or process of making
503	Record receiver having plural interactive leaves or a colorless color former, method of use, or developer therefor
504	Plant protecting and regulating compositions
505	Superconductor technology: apparatus, material, process
506	Combinatorial chemistry technology: method, library, apparatus
507	Earth boring, well treating, and oil field chemistry
508	Solid anti-friction devices, materials therefor, lubricant or separant compositions for moving solid surfaces, and miscellaneous mineral oil compositions
510	Cleaning compositions for solid surfaces, auxiliary compositions therefor, or processes of preparing the compositions
512	Perfume compositions
514	Drug, bio-affecting and body treating compositions
516	Colloid systems and wetting agents; subcombinations thereof; processes of
518	Chemistry: fischer-tropsch processes; or purification or recovery of products thereof
520-528	Synthetic resins or natural rubbers -- part of the class 520 series
530	Chemistry: natural resins or derivatives; peptides or proteins; lignins or reaction products thereof
532-570	Organic compounds -- part of the class 532-570 series
585	Chemistry of hydrocarbon compounds
588	Hazardous or toxic waste destruction or containment
600	Surgery
601	Surgery: kinesitherapy
602	Surgery: splint, brace, or bandage
604	Surgery
606	Surgery
607	Surgery: light, thermal, and electrical application
623	Prosthesis (i.e., artificial body members), parts thereof, or aids and accessories therefor
700	Data processing: generic control systems or specific applications

701	Data processing: vehicles, navigation, and relative location
702	Data processing: measuring, calibrating, or testing
703	Data processing: structural design, modeling, simulation, and emulation
704	Data processing: speech signal processing, linguistics, language translation, and audio compression/decompression
705	Data processing: financial, business practice, management, or cost/price determination
706	Data processing: artificial intelligence
707	Data processing: database and file management or data structures
708	Electrical computers: arithmetic processing and calculating
709	Electrical computers and digital processing systems: multicomputer data transferring
710	Electrical computers and digital data processing systems: input/output
711	Electrical computers and digital processing systems: memory
712	Electrical computers and digital processing systems: processing architectures and instruction processing (e.g., processors)
713	Electrical computers and digital processing systems: support
714	Error detection/correction and fault detection/recovery
715	Data processing: presentation processing of document, operator interface processing, and screen saver display processing
716	Computer-aided design and analysis of circuits and semiconductor masks
717	Data processing: software development, installation, and management
718	Electrical computers and digital processing systems: virtual machine task or process management or task management/control
719	Electrical computers and digital processing systems: interprogram communication or interprocess communication (ipc)
720	Dynamic optical information storage or retrieval
725	Interactive video distribution systems
726	Information security
800	Multicellular living organisms and unmodified parts thereof and related processes
850	Scanning-probe techniques or apparatus; applications of scanning-probe techniques, e.g., scanning probe microscopy [spm]
901	Robots
902	Electronic funds transfer
903	Hybrid electric vehicles (hevs)
930	Peptide or protein sequence
968	Horology
976	Nuclear technology
977	Nanotechnology
984	Musical instruments
987	Organic compounds containing a bi, sb, as, or p atom or containing a metal atom of the 6th to 8th group of the periodic system
D01	Edible products
D02	Apparel and haberdashery
D03	Travel goods and personal belongings
D04	Brushware
D05	Textile or paper yard goods; sheet material
D06	Furnishings
D07	Equipment for preparing or serving food or drink not elsewhere specified

D08	Tools and hardware
D09	Packages and containers for goods
D10	Measuring, testing, or signalling instruments
D11	Jewelry, symbolic insignia, and ornaments
D12	Transportation
D13	Equipment for production, distribution, or transformation of energy
D14	Recording, communication, or information retrieval equipment
D15	Machines not elsewhere specified
D16	Photography and optical equipment
D17	Musical instruments
D18	Printing and office machinery
D19	Office supplies; artists and teachers materials
D20	Sales and advertising equipment
D21	Games, toys, and sports goods
D22	Arms, pyrotechnics, hunting and fishing equipment
D23	Environmental heating and cooling; fluid handling and sanitary equipment
D24	Medical and laboratory equipment
D25	Building units and construction elements
D26	Lighting
D27	Tobacco and smokers supplies
D28	Cosmetic products and toilet articles
D29	Equipment for safety, protection, and rescue
D30	Animal husbandry
D32	Washing, cleaning, or drying machine
D34	Material or article handling equipment
D99	Miscellaneous
G9B	INFORMATION STORAGE BASED ON RELATIVE MOVEMENT BETWEEN RECORD CARRIER AND TRANSDUCER
PLT	Plants

METROPOLITAN (CBSA) MASTER LIST (953) WITH THE 250 METRO'S INCLUDED IN THE INDEX:

Code	Incl	Metro Title					
			11780	Ashtabula, OH		13700	Big Spring, TX
10020		Abbeville, LA	11820	Astoria, OR		13740	Billings, MT
10100		Aberdeen, SD	11860	Atchison, KS		13780	*** Binghamton, NY
10140		Aberdeen, WA	11900	Athens, OH		13820	*** Birmingham-Hoover, AL
10180	***	Abilene, TX	11940	Athens, TN		13860	Bishop, CA
10220		Ada, OK	11980	Athens, TX		13900	Bismarck, ND
10260		Adjuntas, PR	12020	Athens-Clarke County, GA		13940	Blackfoot, ID
10300		Adrian, MI	12060	*** Atlanta-Sandy Springs-Marietta, GA		13980	Blacksburg-Christiansburg-Radford, VA
10380		Aguadilla-Isabela-San Sebastián, PR	12100	*** Atlantic City, NJ		14020	*** Bloomington, IN
10420	***	Akron, OH	12140	Auburn, IN		14060	*** Bloomington-Normal, IL
10460		Alamogordo, NM	12180	Auburn, NY		14100	Bloomsburg-Berwick, PA
10500		Albany, GA	12220	Auburn-Opelika, AL		14140	Bluefield, WV-VA
10540		Albany-Lebanon, OR	12260	Augusta-Richmond County, GA-SC		14180	Blytheville, AR
10580	***	Albany-Schenectady-Troy, NY	12300	Augusta-Waterville, ME		14220	Bogalusa, LA
10620		Albemarle, NC	12380	Austin, MN		14260	*** Boise City-Nampa, ID
10660		Albert Lea, MN	12420	*** Austin-Round Rock, TX		14300	Bonham, TX
10700		Albertville, AL	12460	Bainbridge, GA		14340	Boone, IA
10740	***	Albuquerque, NM	12540	*** Bakersfield, CA		14380	Boone, NC
10760		Alexander City, AL	12580	*** Baltimore-Towson, MD		14420	Borger, TX
10780	***	Alexandria, LA	12620	Bangor, ME		14460	*** Boston-Cambridge-Quincy, MA-NH
10820		Alexandria, MN	12660	Baraboo, WI		14500	*** Boulder, CO
10860		Alice, TX	12700	Barnstable Town, MA		14540	Bowling Green, KY
10880		Allegan, MI	12740	Barre, VT		14580	Bozeman, MT
10900	***	Allentown-Bethlehem-Easton, PA-NJ	12780	Bartlesville, OK		14620	Bradford, PA
10940		Alma, MI	12820	Bastrop, LA		14660	Brainerd, MN
10980		Alpena, MI	12860	Batavia, NY		14700	Branson, MO
11020		Altoona, PA	12900	Batesville, AR		14740	Bremerton-Silverdale, WA
11060		Altus, OK	12940	*** Baton Rouge, LA		14780	Brenham, TX
11100	***	Amarillo, TX	12980	Battle Creek, MI		14820	Brevard, NC
11140		Americus, GA	13020	Bay City, MI		14860	*** Bridgeport-Stamford-Norwalk, CT
11180		Ames, IA	13060	Bay City, TX		14940	Brigham City, UT
11220		Amsterdam, NY	13100	Beatrice, NE		15020	Brookhaven, MS
11260	***	Anchorage, AK	13140	*** Beaumont-Port Arthur, TX		15060	Brookings, OR
11300	***	Anderson, IN	13180	Beaver Dam, WI		15100	Brookings, SD
11340	***	Anderson, SC	13220	Beckley, WV		15140	Brownsville, TN
11380		Andrews, TX	13260	Bedford, IN		15180	*** Brownsville-Harlingen, TX
11420		Angola, IN	13300	Beeville, TX		15220	Brownwood, TX
11460	***	Ann Arbor, MI	13340	Bellefontaine, OH		15260	Brunswick, GA
11500		Anniston-Oxford, AL	13380	Bellingham, WA		15340	Bucyrus, OH
11540	***	Appleton, WI	13420	Bemidji, MN		15380	*** Buffalo-Niagara Falls, NY
11580		Arcadia, FL	13460	Bend, OR		15420	Burley, ID
11620		Ardmore, OK	13500	Bennettsville, SC		15460	Burlington, IA-IL
11660		Arkadelphia, AR	13540	Bennington, VT		15500	*** Burlington, NC
11700	***	Asheville, NC	13620	Berlin, NH-VT		15540	*** Burlington-South Burlington, VT
11740		Ashland, OH	13660	Big Rapids, MI		15580	Butte-Silver Bow, MT

15620	Cadillac, MI	17540	Clinton, IA	19460	Decatur, AL
15660	Calhoun, GA	17580	Clovis, NM	19500	*** Decatur, IL
15700	Cambridge, MD	17620	Coamo, PR	19540	Decatur, IN
15740	Cambridge, OH	17660	Coeur d'Alene, ID	19580	Defiance, OH
15780	Camden, AR	17700	Coffeyville, KS	19620	Del Rio, TX
15820	Campbellsville, KY	17740	Coldwater, MI	19660	*** Deltona-Daytona Beach-Ormond Beach, FL
15860	Canon City, CO	17780	*** College Station-Bryan, TX	19700	Deming, NM
15900	Canton, IL	17820	*** Colorado Springs, CO	19740	*** Denver-Aurora, CO
15940	*** Canton-Massillon, OH	17860	Columbia, MO	19780	*** Des Moines-West Des Moines, IA
15980	Cape Coral-Fort Myers, FL	17900	*** Columbia, SC	19820	*** Detroit-Warren-Livonia, MI
16020	Cape Girardeau-Jackson, MO-IL	17940	Columbia, TN	19860	Dickinson, ND
16060	Carbondale, IL	17980	*** Columbus, GA-AL	19900	Dillon, SC
16100	Carlsbad-Artesia, NM	18020	Columbus, IN	19940	Dixon, IL
16180	Carson City, NV	18060	Columbus, MS	19980	Dodge City, KS
16220	Casper, WY	18100	Columbus, NE	20020	Dothan, AL
16260	Cedar City, UT	18140	*** Columbus, OH	20060	Douglas, GA
16300	*** Cedar Rapids, IA	18180	Concord, NH	20100	Dover, DE
16340	Cedartown, GA	18220	Connersville, IN	20140	Dublin, GA
16380	Celina, OH	18260	Cookeville, TN	20180	DuBois, PA
16420	Central City, KY	18300	Coos Bay, OR	20220	Dubuque, IA
16460	Centralia, IL	18340	Corbin, KY	20260	*** Duluth, MN-WI
16500	Centralia, WA	18380	Cordele, GA	20300	Dumas, TX
16540	Chambersburg, PA	18420	Corinth, MS	20340	Duncan, OK
16580	*** Champaign-Urbana, IL	18460	Cornelia, GA	20380	Dunn, NC
16620	Charleston, WV	18500	Corning, NY	20420	Durango, CO
16660	Charleston-Mattoon, IL	18580	*** Corpus Christi, TX	20460	Durant, OK
16700	*** Charleston-North Charleston, SC	18620	Corsicana, TX	20500	*** Durham, NC
16740	*** Charlotte-Gastonia-Concord, NC-SC	18660	Cortland, NY	20540	Dyersburg, TN
16820	Charlottesville, VA	18700	Corvallis, OR	20580	Eagle Pass, TX
16860	*** Chattanooga, TN-GA	18740	Coshocton, OH	20620	East Liverpool-Salem, OH
16900	Chester, SC	18820	Crawfordsville, IN	20700	East Stroudsburg, PA
16940	Cheyenne, WY	18860	Crescent City, CA	20660	Easton, MD
16980	*** Chicago-Naperville-Joliet, IL-IN-WI	18900	Crossville, TN	20740	Eau Claire, WI
17020	*** Chico, CA	18940	Crowley, LA	20780	Edwards, CO
17060	Chillicothe, OH	18980	Cullman, AL	20820	Effingham, IL
17140	*** Cincinnati-Middletown, OH-KY-IN	19020	Culpeper, VA	20900	El Campo, TX
17180	City of The Dalles, OR	19060	Cumberland, MD-WV	20940	El Centro, CA
17200	Claremont, NH	19100	*** Dallas-Fort Worth-Arlington, TX	20980	El Dorado, AR
17220	Clarksburg, WV	19140	Dalton, GA	21340	*** El Paso, TX
17260	Clarksdale, MS	19180	Danville, IL	21020	Elizabeth City, NC
17300	*** Clarksville, TN-KY	19220	Danville, KY	21060	Elizabethtown, KY
17340	Clearlake, CA	19260	Danville, VA	21120	Elk City, OK
17380	Cleveland, MS	19300	Daphne-Fairhope-Foley, AL	21140	Elkhart-Goshen, IN
17420	Cleveland, TN	19340	*** Davenport-Moline-Rock Island, IA-IL	21220	Elko, NV
17460	*** Cleveland-Elyria-Mentor, OH	19380	*** Dayton, OH	21260	Ellensburg, WA
17500	Clewiston, FL	19760	De Ridder, LA		

21300	Elmira, NY	23140	Frankfort, IN	25100	Guymon, OK
21380	Emporia, KS	23180	Frankfort, KY	25180	Hagerstown-Martinsburg, MD-WV
21420	Enid, OK	23240	Fredericksburg, TX	25220	Hammond, LA
21460	Enterprise-Ozark, AL	23300	Freeport, IL	25260	Hanford-Corcoran, CA
21500	*** Erie, PA	23340	Fremont, NE	25300	Hannibal, MO
21540	Escanaba, MI	23380	Fremont, OH	25340	Harriman, TN
21580	Espanola, NM	23420	*** Fresno, CA	25380	Harrisburg, IL
21640	Eufaula, AL-GA	23460	Gadsden, AL	25420	*** Harrisburg-Carlisle, PA
21660	*** Eugene-Springfield, OR	23500	Gaffney, SC	25460	Harrison, AR
21700	Eureka-Arcata-Fortuna, CA	23540	Gainesville, FL	25500	Harrisonburg, VA
21740	Evanston, WY	23580	Gainesville, GA	25540	*** Hartford-West Hartford-East Hartford, CT
21780	*** Evansville, IN-KY	23620	Gainesville, TX	25580	Hastings, NE
21820	Fairbanks, AK	23660	Galesburg, IL	25620	Hattiesburg, MS
21860	Fairmont, MN	23700	Gallup, NM	25660	Havre, MT
21900	Fairmont, WV	23780	Garden City, KS	25700	Hays, KS
21940	Fajardo, PR	23820	Gardnerville Ranchos, NV	25720	Heber, UT
21980	Fallon, NV	23860	Georgetown, SC	25740	Helena, MT
22020	*** Fargo, ND-MN	23900	Gettysburg, PA	25780	Henderson, NC
22060	Faribault-Northfield, MN	23940	Gillette, WY	25820	Hereford, TX
22100	Farmington, MO	23980	Glasgow, KY	25860	Hickory-Lenoir-Morganton, NC
22140	Farmington, NM	24020	Glens Falls, NY	25900	Hilo, HI
22180	*** Fayetteville, NC	24100	Gloversville, NY	25940	Hilton Head Island-Beaufort, SC
22220	*** Fayetteville-Springdale-Rogers, AR-MO	24140	Goldsboro, NC	25980	Hinesville-Fort Stewart, GA
22260	Fergus Falls, MN	24180	Granbury, TX	26020	Hobbs, NM
22280	Fernley, NV	24220	Grand Forks, ND-MN	26100	Holland-Grand Haven, MI
22300	Findlay, OH	24260	Grand Island, NE	26140	Homosassa Springs, FL
22340	Fitzgerald, GA	24300	Grand Junction, CO	26180	Honolulu, HI
22380	Flagstaff, AZ	24340	*** Grand Rapids-Wyoming, MI	26220	Hood River, OR
22420	*** Flint, MI	24420	Grants Pass, OR	26260	Hope, AR
22500	Florence, SC	24380	Grants, NM	26300	Hot Springs, AR
22520	Florence-Muscle Shoals, AL	24460	Great Bend, KS	26340	Houghton, MI
22540	Fond du Lac, WI	24500	Great Falls, MT	26380	Houma-Bayou Cane-Thibodaux, LA
22580	Forest City, NC	24540	*** Greeley, CO	26420	*** Houston-Sugar Land-Baytown, TX
22620	Forrest City, AR	24580	*** Green Bay, WI	26460	Hudson, NY
22660	*** Fort Collins-Loveland, CO	24620	Greeneville, TN	26480	Humboldt, TN
22700	Fort Dodge, IA	24660	*** Greensboro-High Point, NC	26500	Huntingdon, PA
22780	Fort Leonard Wood, MO	24700	Greensburg, IN	26540	Huntington, IN
22800	Fort Madison-Keokuk, IA-MO	24740	Greenville, MS	26580	*** Huntington-Ashland, WV-KY-OH
22820	Fort Morgan, CO	24780	Greenville, NC	26620	*** Huntsville, AL
22840	Fort Payne, AL	24820	Greenville, OH	26660	Huntsville, TX
22860	Fort Polk South, LA	24860	*** Greenville-Mauldin-Easley, SC	26700	Huron, SD
22900	*** Fort Smith, AR-OK	24900	Greenwood, MS	26740	Hutchinson, KS
22980	Fort Valley, GA	24940	Greenwood, SC	26780	Hutchinson, MN
23020	Fort Walton Beach-Crestview-Destin, FL	24980	Grenada, MS	26820	Idaho Falls, ID
23060	*** Fort Wayne, IN	25020	Guayama, PR	26860	Indiana, PA
		25060	*** Gulfport-Biloxi, MS		

26900	***	Indianapolis-Carmel, IN	28860		Kirksville, MO	30740		Lincolnton, NC
26940		Indianola, MS	28900		Klamath Falls, OR	30780	***	Little Rock-North Little Rock-Conway, AR
26980	***	Iowa City, IA	28940	***	Knoxville, TN	30820		Lock Haven, PA
27020		Iron Mountain, MI-WI	28980		Kodiak, AK	30860		Logan, UT-ID
27060		Ithaca, NY	29020		Kokomo, IN	30900		Logansport, IN
27100		Jackson, MI	29100		La Crosse, WI-MN	30940		London, KY
27140	***	Jackson, MS	29220		La Follette, TN	30980	***	Longview, TX
27180		Jackson, TN	29260		La Grande, OR	31020		Longview, WA
27220		Jackson, WY-ID	29060		Laconia, NH	31060		Los Alamos, NM
27260	***	Jacksonville, FL	29140	***	Lafayette, IN	31100	***	Los Angeles-Long Beach-Santa Ana, CA
27300		Jacksonville, IL	29180	***	Lafayette, LA	31140	***	Louisville/Jefferson County, KY-IN
27340		Jacksonville, NC	29300		LaGrange, GA	31180	***	Lubbock, TX
27380		Jacksonville, TX	29340		Lake Charles, LA	31260		Lufkin, TX
27420		Jamestown, ND	29380		Lake City, FL	31300		Lumberton, NC
27460		Jamestown-Dunkirk-Fredonia, NY	29420		Lake Havasu City-Kingman, AZ	31340		Lynchburg, VA
27500	***	Janesville, WI	29460	***	Lakeland, FL	31380		Macomb, IL
27540		Jasper, IN	29500		Lamesa, TX	31420	***	Macon, GA
27580		Jayuya, PR	29540	***	Lancaster, PA	31460	***	Madera, CA
27620	***	Jefferson City, MO	29580		Lancaster, SC	31500		Madison, IN
27660		Jennings, LA	29620	***	Lansing-East Lansing, MI	31540	***	Madison, WI
27700		Jesup, GA	29660		Laramie, WY	31580		Madisonville, KY
27740		Johnson City, TN	29700	***	Laredo, TX	31620		Magnolia, AR
27780		Johnstown, PA	29740	***	Las Cruces, NM	31660		Malone, NY
27860		Jonesboro, AR	29780		Las Vegas, NM	31700	***	Manchester-Nashua, NH
27900	***	Joplin, MO	29820	***	Las Vegas-Paradise, NV	31740		Manhattan, KS
27940		Juneau, AK	29860		Laurel, MS	31820		Manitowoc, WI
27980		Kahului-Wailuku, HI	29900		Laurinburg, NC	31860		Mankato-North Mankato, MN
28020	***	Kalamazoo-Portage, MI	29940		Lawrence, KS	31900		Mansfield, OH
28060		Kalispell, MT	29980		Lawrenceburg, TN	31940		Marionette, WI-MI
28100	***	Kankakee-Bradley, IL	30020		Lawton, OK	31980		Marion, IN
28140	***	Kansas City, MO-KS	30060		Lebanon, MO	32020		Marion, OH
28180		Kapaa, HI	30100		Lebanon, NH-VT	32060		Marion-Herrin, IL
28260		Kearney, NE	30140		Lebanon, PA	32100		Marquette, MI
28300		Keene, NH	30220		Levelland, TX	32140		Marshall, MN
28340		Kendallville, IN	30260		Lewisburg, PA	32180		Marshall, MO
28380		Kennett, MO	30280		Lewisburg, TN	32220		Marshall, TX
28420	***	Kennewick-Richland-Pasco, WA	30300		Lewiston, ID-WA	32260		Marshalltown, IA
28500		Kerrville, TX	30340		Lewiston-Auburn, ME	32270		Marshfield-Wisconsin Rapids, WI
28540		Ketchikan, AK	30380		Lewistown, PA	32280		Martin, TN
28580		Key West, FL	30500		Lexington Park, MD	32300		Martinsville, VA
28620		Kill Devil Hills, NC	30420		Lexington, NE	32340		Maryville, MO
28660	***	Killeen-Temple-Fort Hood, TX	30460		Lexington-Fayette, KY	32380		Mason City, IA
28700	***	Kingsport-Bristol-Bristol, TN-VA	30580		Liberal, KS	32420		Mayagüez, PR
28740	***	Kingston, NY	30620		Lima, OH	32460		Mayfield, KY
28780		Kingsville, TX	30660		Lincoln, IL	32500		Maysville, KY
28820		Kinston, NC	30700	***	Lincoln, NE			

32540	McAlester, OK	34460	Mount Sterling, KY	36300	Ogdensburg-Massena, NY
32580	*** McAllen-Edinburg-Mission, TX	34500	Mount Vernon, IL	36340	Oil City, PA
32620	McComb, MS	34540	Mount Vernon, OH	36380	Okeechobee, FL
32660	McMinnville, TN	34580	Mount Vernon-Anacortes, WA	36420	*** Oklahoma City, OK
32700	McPherson, KS	34260	Mountain Home, AR	36460	Olean, NY
32740	Meadville, PA	34300	Mountain Home, ID	36500	Olympia, WA
32780	*** Medford, OR	34620	*** Muncie, IN	36540	*** Omaha-Council Bluffs, NE-IA
32820	*** Memphis, TN-MS-AR	34660	Murray, KY	36580	Oneonta, NY
32860	Menomonie, WI	34700	Muscatine, IA	36620	Ontario, OR-ID
32900	*** Merced, CA	34740	Muskegon-Norton Shores, MI	36660	Opelousas-Eunice, LA
32940	Meridian, MS	34780	Muskogee, OK	36700	Orangeburg, SC
32980	Merrill, WI	34820	Myrtle Beach-Conway-North Myrtle Beach, SC	36740	*** Orlando-Kissimmee, FL
33020	Mexico, MO	34860	Nacogdoches, TX	36780	*** Oshkosh-Neenah, WI
33060	Miami, OK	34900	Napa, CA	36820	Oskaloosa, IA
33100	*** Miami-Fort Lauderdale-Pompano Beach, FL	34940	Naples-Marco Island, FL	36860	Ottawa-Streator, IL
33140	Michigan City-La Porte, IN	34980	Nashville-Davidson--Murfreesboro--Franklin, TN	36900	Ottumwa, IA
33180	Middlesborough, KY	35020	Natchez, MS-LA	36940	Owatonna, MN
33220	Midland, MI	35060	Natchitoches, LA	36980	Owensboro, KY
33260	*** Midland, TX	35100	New Bern, NC	37020	Owosso, MI
33300	Milledgeville, GA	35220	New Castle, IN	37060	Oxford, MS
33340	*** Milwaukee-Waukesha-West Allis, WI	35260	New Castle, PA	37100	*** Oxnard-Thousand Oaks-Ventura, CA
33380	Minden, LA	35300	*** New Haven-Milford, CT	37140	Paducah, KY-IL
33420	Mineral Wells, TX	35340	New Iberia, LA	37220	Pahrump, NV
33460	*** Minneapolis-St. Paul-Bloomington, MN-WI	35380	*** New Orleans-Metairie-Kenner, LA	37260	Palatka, FL
33500	Minot, ND	35420	New Philadelphia-Dover, OH	37300	Palestine, TX
33540	Missoula, MT	35580	New Ulm, MN	37340	*** Palm Bay-Melbourne-Titusville, FL
33580	Mitchell, SD	35620	*** New York-Northern New Jersey-Long Island, NY-NJ-PA	37380	Palm Coast, FL
33620	Moberly, MO	35140	Newberry, SC	37420	Pampa, TX
33660	*** Mobile, AL	35460	Newport, TN	37460	Panama City-Lynn Haven, FL
33700	*** Modesto, CA	35500	Newton, IA	37500	Paragould, AR
33740	Monroe, LA	35660	Niles-Benton Harbor, MI	37540	Paris, TN
33780	Monroe, MI	35700	Nogales, AZ	37580	Paris, TX
33820	Monroe, WI	35740	Norfolk, NE	37620	Parkersburg-Marietta-Vienna, WV-OH
33860	*** Montgomery, AL	35820	North Platte, NE	37660	Parsons, KS
33940	Montrose, CO	35860	North Vernon, IN	37700	Pascagoula, MS
33980	Morehead City, NC	35900	North Wilkesboro, NC	37740	Payson, AZ
34020	Morgan City, LA	35940	Norwalk, OH	37780	Pecos, TX
34060	Morgantown, WV	35980	*** Norwich-New London, CT	37800	Pella, IA
34100	Morristown, TN	36020	Oak Harbor, WA	37820	Pendleton-Hermiston, OR
34140	Moscow, ID	36060	Oak Hill, WV	37860	Pensacola-Ferry Pass-Brent, FL
34180	Moses Lake, WA	36100	Ocala, FL	37900	*** Peoria, IL
34220	Moultrie, GA	36140	Ocean City, NJ	37940	Peru, IN
34340	Mount Airy, NC	36180	Ocean Pines, MD	37980	*** Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
34380	Mount Pleasant, MI	36220	*** Odessa, TX	38020	Phoenix Lake-Cedar Ridge, CA
34420	Mount Pleasant, TX	36260	*** Ogden-Clearfield, UT	38060	*** Phoenix-Mesa-Scottsdale, AZ

38100	Picayune, MS	40060	***	Richmond, VA	42180	Santa Isabel, PR
38200	Pierre Part, LA	40080		Richmond-Berea, KY	42220	*** Santa Rosa-Petaluma, CA
38180	Pierre, SD	40100		Rio Grande City-Roma, TX	42260	*** Sarasota-Bradenton-Venice, FL
38220	Pine Bluff, AR	40140	***	Riverside-San Bernardino-Ontario, CA	42300	Sault Ste. Marie, MI
38260	Pittsburg, KS	40180		Riverton, WY	42340	*** Savannah, GA
38300	*** Pittsburgh, PA	40260		Roanoke Rapids, NC	42380	Sayre, PA
38340	Pittsfield, MA	40220	***	Roanoke, VA	42420	Scottsbluff, NE
38380	Plainview, TX	40300		Rochelle, IL	42460	Scottsboro, AL
38420	Platteville, WI	40340	***	Rochester, MN	42500	Scottsburg, IN
38460	Plattsburgh, NY	40380	***	Rochester, NY	42540	*** Scranton--Wilkes-Barre, PA
38500	Plymouth, IN	40540		Rock Springs, WY	42580	Seaford, DE
38540	Pocatello, ID	40420	***	Rockford, IL	42620	Searcy, AR
38580	Point Pleasant, WV-OH	40460		Rockingham, NC	42660	*** Seattle-Tacoma-Bellevue, WA
38620	Ponca City, OK	40500		Rockland, ME	42680	Sebastian-Vero Beach, FL
38660	Ponce, PR	40580	***	Rocky Mount, NC	42700	Sebring, FL
38700	Pontiac, IL	40620		Rolla, MO	42740	Sedalia, MO
38740	Poplar Bluff, MO	40660		Rome, GA	42780	Selinsgrove, PA
38820	Port Angeles, WA	40700		Roseburg, OR	42820	Selma, AL
38940	Port St. Lucie, FL	40740		Roswell, NM	42900	Seneca Falls, NY
38780	Portales, NM	40760		Ruidoso, NM	42860	Seneca, SC
38860	*** Portland-South Portland-Biddeford, ME	40780		Russellville, AR	42940	Sevierville, TN
38900	*** Portland-Vancouver-Beaverton, OR-WA	40820		Ruston, LA	42980	Seymour, IN
39020	Portsmouth, OH	40860		Rutland, VT	43060	Shawnee, OK
39060	Pottsville, PA	40900	***	Sacramento--Arden-Arcade--Roseville, CA	43100	Sheboygan, WI
39100	*** Poughkeepsie-Newburgh-Middletown, NY	40940		Safford, AZ	43140	Shelby, NC
39140	Prescott, AZ	40980		Saginaw-Saginaw Township North, MI	43180	Shelbyville, TN
39220	Price, UT	41420	***	Salem, OR	43220	Shelton, WA
39260	Prineville, OR	41460		Salina, KS	43260	Sheridan, WY
39300	*** Providence-New Bedford-Fall River, RI-MA	41500	***	Salinas, CA	43300	Sherman-Denison, TX
39340	*** Provo-Orem, UT	41540		Salisbury, MD	43340	*** Shreveport-Bossier City, LA
39380	Pueblo, CO	41580		Salisbury, NC	43380	Sidney, OH
39420	Pullman, WA	41620	***	Salt Lake City, UT	43420	Sierra Vista-Douglas, AZ
39460	Punta Gorda, FL	41660		San Angelo, TX	43460	Sikeston, MO
39500	Quincy, IL-MO	41700	***	San Antonio, TX	43500	Silver City, NM
39540	*** Racine, WI	41740	***	San Diego-Carlsbad-San Marcos, CA	43540	Silverthorne, CO
39580	*** Raleigh-Cary, NC	41860	***	San Francisco-Oakland-Fremont, CA	43580	Sioux City, IA-NE-SD
39660	Rapid City, SD	41900		San Germán-Cabo Rojo, PR	43620	*** Sioux Falls, SD
39700	Raymondville, TX	41940	***	San Jose-Sunnyvale-Santa Clara, CA	43660	Snyder, TX
39740	*** Reading, PA	41980		San Juan-Caguas-Guaynabo, PR	43700	Somerset, KY
39780	Red Bluff, CA	42020	***	San Luis Obispo-Paso Robles, CA	43740	Somerset, PA
39860	Red Wing, MN	41780		Sandusky, OH	43780	*** South Bend-Mishawaka, IN-MI
39820	Redding, CA	41820		Sanford, NC	43860	Southern Pines-Pinehurst, NC
39900	*** Reno-Sparks, NV	42060	***	Santa Barbara-Santa Maria-Goleta, CA	43900	Spartanburg, SC
39940	Rexburg, ID	42100		Santa Cruz-Watsonville, CA	43940	Spearfish, SD
39980	Richmond, IN	42140		Santa Fe, NM	43980	Spencer, IA
					44020	Spirit Lake, IA

44060	***	Spokane, WA	45740		Toccoa, GA	47660		Warrensburg, MO
44100	***	Springfield, IL	45780	***	Toledo, OH	47700		Warsaw, IN
44140	***	Springfield, MA	45820	***	Topeka, KS	47780		Washington, IN
44180	***	Springfield, MO	45860		Torrington, CT	47820		Washington, NC
44220	***	Springfield, OH	45900		Traverse City, MI	47860		Washington, OH
41060		St. Cloud, MN	45940	***	Trenton-Ewing, NJ	47900	***	Washington-Arlington-Alexandria, DC-VA-MD-WV
41100		St. George, UT	45980		Troy, AL	47940	***	Waterloo-Cedar Falls, IA
41140		St. Joseph, MO-KS	46020		Truckee-Grass Valley, CA	47980		Watertown, SD
41180	***	St. Louis, MO-IL	46060	***	Tucson, AZ	48020		Watertown-Fort Atkinson, WI
41220		St. Marys, GA	46100		Tullahoma, TN	48060		Watertown-Fort Drum, NY
41260		St. Marys, PA	46140	***	Tulsa, OK	48100		Wauchula, FL
44260		Starkville, MS	46180		Tupelo, MS	48140		Wausau, WI
44300		State College, PA	46220	***	Tuscaloosa, AL	48180		Waycross, GA
44340		Statesboro, GA	46260		Tuskegee, AL	48260		Weirton-Steubenville, WV-OH
44380		Statesville-Mooresville, NC	46300		Twin Falls, ID	48300		Wenatchee, WA
44420		Staunton-Waynesboro, VA	46340	***	Tyler, TX	48340		West Helena, AR
44500		Stephenville, TX	46380		Ukiah, CA	48460		West Plains, MO
44540		Sterling, CO	46460		Union City, TN-KY	48500		West Point, MS
44580		Sterling, IL	46420		Union, SC	48540		Wheeling, WV-OH
44620		Stevens Point, WI	46500		Urbana, OH	48580		Whitewater, WI
44660		Stillwater, OK	46540	***	Utica-Rome, NY	48660		Wichita Falls, TX
44700	***	Stockton, CA	46580		Utuaado, PR	48620	***	Wichita, KS
44740		Storm Lake, IA	46620		Uvalde, TX	48700		Williamsport, PA
44780		Sturgis, MI	46660		Valdosta, GA	48740		Willimantic, CT
44860		Sulphur Springs, TX	46700	***	Vallejo-Fairfield, CA	48780		Williston, ND
44900		Summerville, GA	46740		Valley, AL	48820		Willmar, MN
44940		Sumter, SC	46780		Van Wert, OH	48900	***	Wilmington, NC
44980		Sunbury, PA	46820		Vermillion, SD	48940		Wilmington, OH
45000		Susanville, CA	46860		Vernal, UT	48980		Wilson, NC
45020		Sweetwater, TX	46900		Vernon, TX	49020		Winchester, VA-WV
45060	***	Syracuse, NY	46980		Vicksburg, MS	49060		Winfield, KS
45140		Tahlequah, OK	47020		Victoria, TX	49100		Winona, MN
45180		Talladega-Sylacauga, AL	47080		Vidalia, GA	49180	***	Winston-Salem, NC
45220	***	Tallahassee, FL	47180		Vincennes, IN	49260		Woodward, OK
45260		Tallulah, LA	47220		Vineland-Millville-Bridgeton, NJ	49300		Wooster, OH
45300	***	Tampa-St. Petersburg-Clearwater, FL	47260	***	Virginia Beach-Norfolk-Newport News, VA-NC	49340	***	Worcester, MA
45340		Taos, NM	47300	***	Visalia-Porterville, CA	49380		Worthington, MN
45380		Taylorville, IL	47340		Wabash, IN	49420	***	Yakima, WA
45460	***	Terre Haute, IN	47380	***	Waco, TX	49460		Yankton, SD
45500		Texarkana, TX-Texarkana, AR	47420		Wahpeton, ND-MN	49500		Yauco, PR
45540		The Villages, FL	47460		Walla Walla, WA	49540		Yazoo City, MS
45580		Thomaston, GA	47500		Walterboro, SC	49620	***	York-Hanover, PA
45620		Thomasville, GA	47540		Wapakoneta, OH	49660	***	Youngstown-Warren-Boardman, OH-PA
45640		Thomasville-Lexington, NC	47580	***	Warner Robins, GA	49700	***	Yuba City, CA
45660		Tiffin, OH	47620		Warren, PA	49740		Yuma, AZ
45700		Tifton, GA						

49780 Zanesville, OH