

TABLE 4

Patenting statistics for commuting zones containing global cities

(Alternative patenting rates)

Patents per capita rank	Commuting zone	Patents per capita	Patents per inventive class member	Patents per inventive class member rank	Difference in ranks	Difference in ranks, summary occupations ^a	Inventive class employment share
1	San Jose, CA	0.02165	0.23572	1	0	0	0.09187
2	San Francisco, CA	0.00614	0.10516	4	-2	-2	0.05835
3	Portland, OR	0.00538	0.10776	3	0	1	0.04996
4	Minneapolis, MN	0.00523	0.08835	6	-2	2	0.05917
5	Raleigh, NC	0.00518	0.0843	7	-2	-1	0.06144
6	Seattle, WA	0.00514	0.09268	5	1	0	0.05541
7	San Diego, CA	0.00491	0.11064	2	5	1	0.04442
8	Boston, MA	0.00467	0.08174	8	0	-1	0.05713
9	Denver, CO	0.00315	0.05117	17	-8	-2	0.06149
10	Detroit, MI	0.00312	0.06302	9	1	1	0.04957
11	Dallas, TX	0.00309	0.06241	10	1	-1	0.04951
12	Philadelphia, PA	0.00246	0.05968	13	-1	-2	0.0412
13	Phoenix, AZ	0.00241	0.06188	12	1	0	0.0389
14	Houston, TX	0.00233	0.05394	15	-1	-2	0.04327
15	Cincinnati, OH	0.00232	0.0538	16	-1	1	0.04316
16	Cleveland, OH	0.00232	0.05831	14	2	2	0.03979
17	Milwaukee, WI	0.00228	0.0496	18	-1	1	0.04601
18	Chicago, IL	0.00202	0.04762	19	-1	-1	0.04235
19	Los Angeles, CA	0.00201	0.06239	11	8	3	0.0322
20	Atlanta, GA	0.00198	0.03976	20	0	0	0.04977
21	Washington, DC	0.00188	0.02724	29	-8	-4	0.06913
22	Baltimore, MD	0.00156	0.03353	25	-3	-4	0.04647
23	St. Louis, MO	0.00147	0.03638	22	1	1	0.04043
24	Kansas City, MO	0.00147	0.03402	24	0	2	0.04314
25	Columbus, OH	0.0013	0.03069	27	-2	1	0.04239
26	Orlando, FL	0.00127	0.03581	23	3	-1	0.03541
27	Charlotte, NC	0.00098	0.02624	30	-3	0	0.03734
28	Tampa, FL	0.00095	0.03049	28	0	1	0.03115
29	Miami, FL	0.00088	0.03737	21	8	3	0.02366
30	New York, NY	0.00087	0.03199	26	4	1	0.02723

^a See Wojan TR, Dotzel KR, Low SA, 2015, Decomposing Regional Patenting Rates: How the Composition Factor Confounds the Rate Factor, *Regional Studies, Regional Science* 2(1):535–51.

Note(s):

Following Wojan, Dotzel, and Low (2015), the Aleutians West Census Area, AK, is omitted from the Seattle, WA, commuting zone. Difference in ranks column denotes the change in rank, when global city commuting zones are ranked by patents per inventive class member, between Wojan, Dotzel, and Low's (2015) study and our updated analysis.

Source(s):

U.S. Patent and Trademark Office; Census Bureau, special tabulations (2015) of the 2000 Census.