

TABLE 6a

**Standardization of patenting rates for commuting zones based on level of urbanization**

(Patenting rates)

Patenting rates	Summary occupations <sup>a</sup>			Detailed occupations		
	Standardization of patenting rates					
	Urban, containing a global city	Urban, without a global city	Rural	Urban, containing a global city	Urban, without a global city	Rural
Rate factor (RF)–Standardized	0.00199	0.00155	0.00121	0.00226	0.0015	0.00096
Compositional factor (CF)–Standardized	0.00246	0.0015	0.0008	0.00216	0.00154	0.00102
Observed	0.00297	0.00158	0.00053	0.00297	0.00159	0.00053

<sup>a</sup> 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):**

RF is patents per inventive class member, and CF is inventive class as a share of total commuting zone population. In a departure from Wojan, Dotzel, and Low (2015), all Hawaiian and Alaskan commuting zones (including Aleutians West Census Area, AK, part of the Seattle, WA, commuting zone) are omitted. This change results in slight discrepancies in observed patenting rates across studies.

**Source(s):**

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