

TABLE 3

Inventive occupations

(Percent positive and significant coefficients in iterative estimation of equation 1)

Occupation	Census code(s)	Rural CZs	Urban CZs
Science, engineering, and technical occupations	100–76, 190–96	99.95	89.12
Management occupations			
Marketing and sales managers	5	96.77	99.68
Engineering managers	30	60	100
Life, physical, and social science occupations			
Market and survey researchers	181	0	99.31
Arts, design, entertainment, sports, and media occupations			
Designers	263	3.48	97.63
Technical writers	284	14.52	100
Production occupations			
Electrical, electronics, and electromechanical assemblers	772	0	100
Computer control programmers and operators	790	90.21	0
Machinists	803	99.01	0
Model makers and patternmakers, metal and plastic	806	100	0
Tool and die makers	813	100	0
Semiconductor processors	884	100	0.8

CZ = commuting zone.

Note(s):

Summaries of coefficients for the iterative regression analysis are available in Dotzel (2017:165–70).

Source(s):Dotzel K, 2017, *Three Essays on Human Capital and Innovation in the United States*, PhD dissertation, Graduate School of The Ohio State University.