Language Segregation in U.S. Metro Areas
by Tiffany Julian Social, Economic, and Housing Statistics, U.S. Census Bureau, U.S. Department of Commerce

Using the American Communit Survey to Understand Local
Communities Communities
Estimaze
very small geographies Block groups, tracts, connies, elc.
Maps can help local businesses and leaders
understand the needs of the understand the needd of the community

Analysis
Focus or metro areas with many large populations of speakers of non-English languages.



Focus on languages with population large enough to see a pattern in many metro areas
 Compare visual map evidence of segregation with
mathematical evidence using Index of Dissimilarity.




What can we learn?
The Index of Dissimilarity: language populations are segregated to varying degrees in each metro area studied.
Range from $39 \%$ of Spanish speakers in Seattle to $88 \%$ of Vietnamese speakers in New York needing to
move to prod


Visual Analysis: Language populations segregate themselves in different ways. Speakers may be sound in many tight pockets all over town.
The Index of Dissimilarity allows us to measure trends quantitatively, but it doesn't give us the sam
qualitative understanding of how the language qualititive understanding of
communities are organized

Example: Russians have similar indexes in four cities (.73-78), but very different sized populations durent visual parens

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