



From Macro to Micro: Social Determinants of COVID-19 & Nasopharyngeal Features Associated with Disease Progression

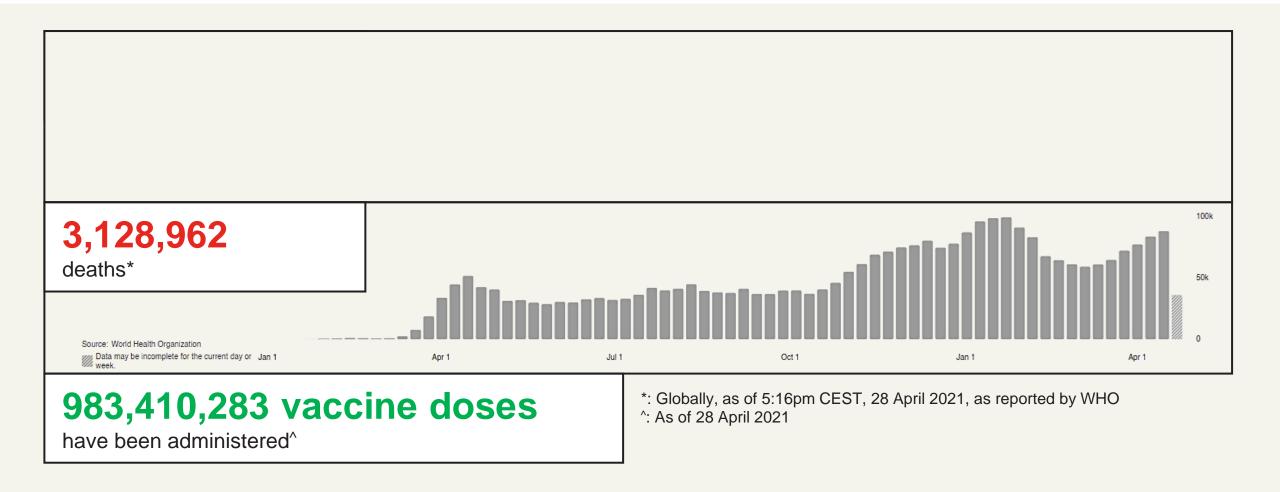
A Study of COVID-19 in Worcester, Massachusetts

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COVID-19 is a Global Crisis

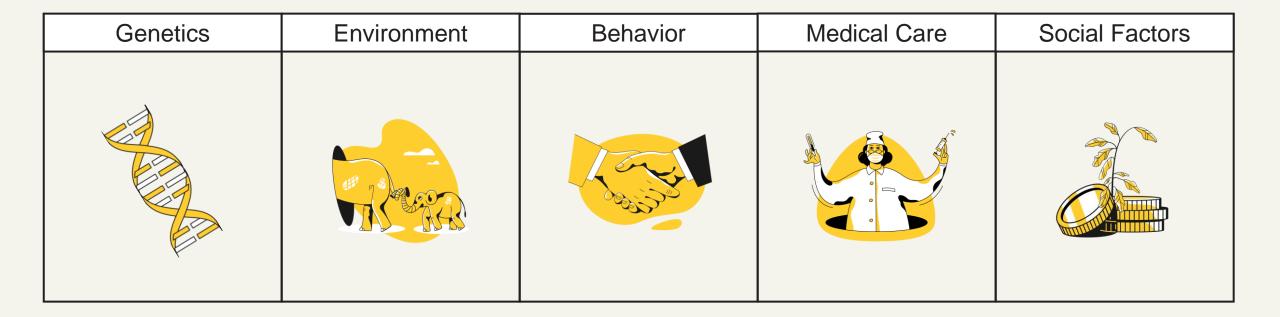


COVID-19 Dramatically Hit Worcester





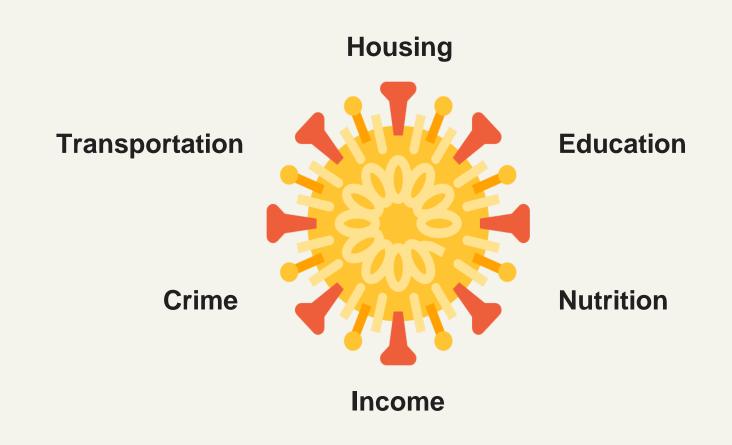
Is Your Health In Your Hands?



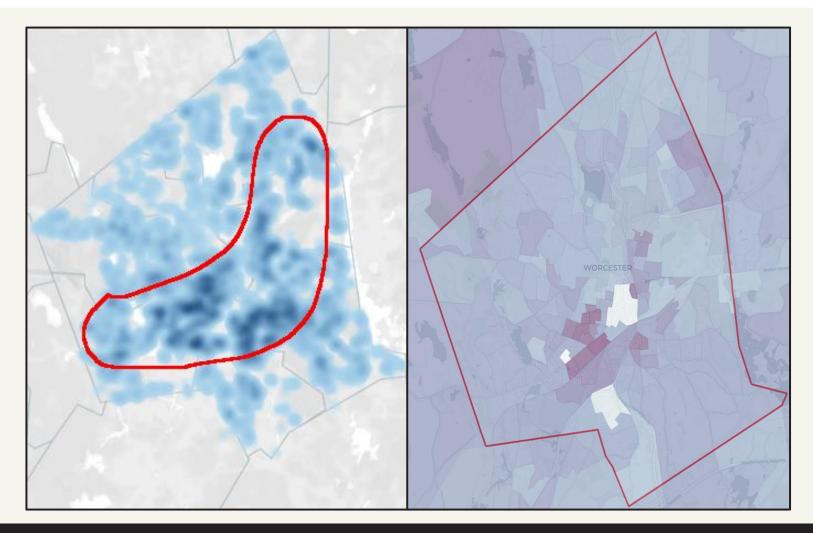
To Examine the Social Factors Correlated to COVID-19 Prevalence in Worcester, MA

Primary Research Goal

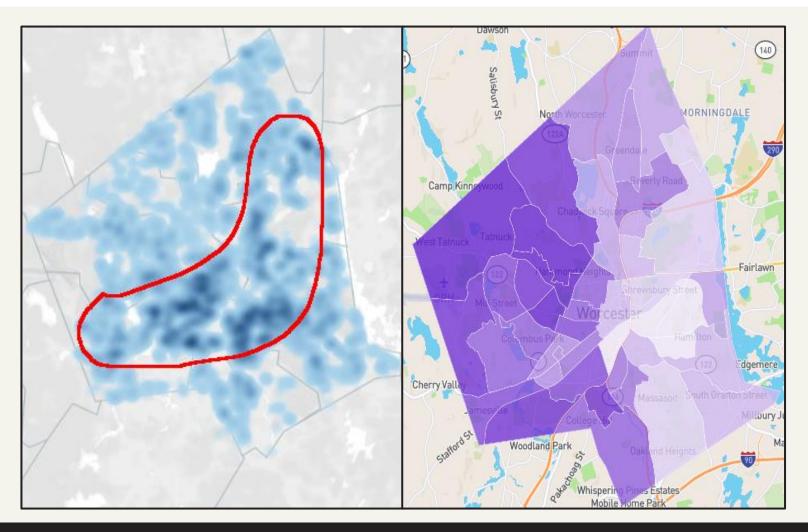
Social Factors Associated With Health Outcomes Are Connected & Compounding



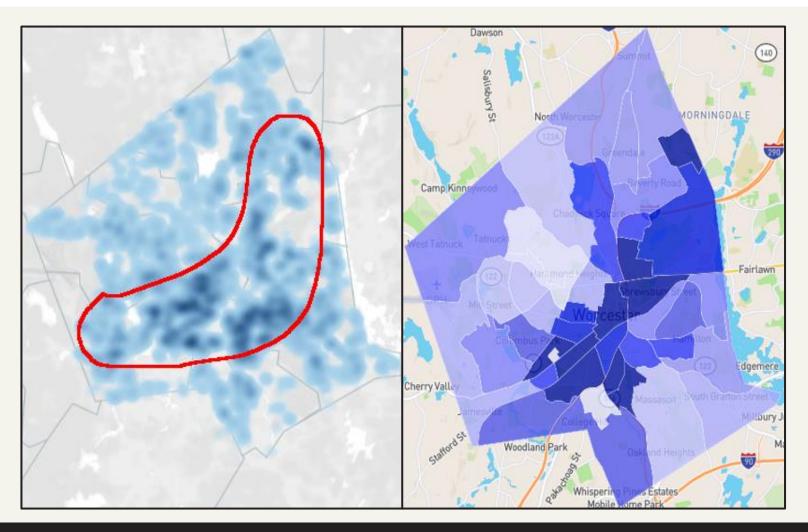
Average Family Size



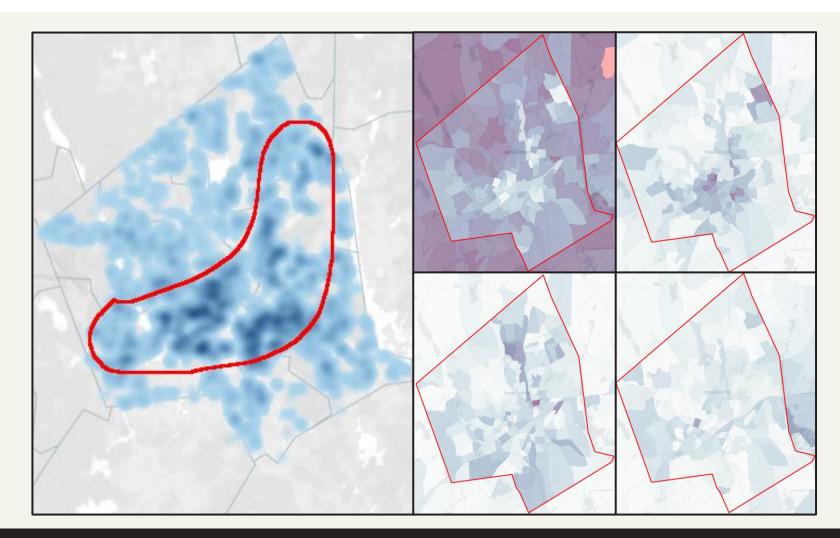
Best Schools by Proximity



Crime Rate

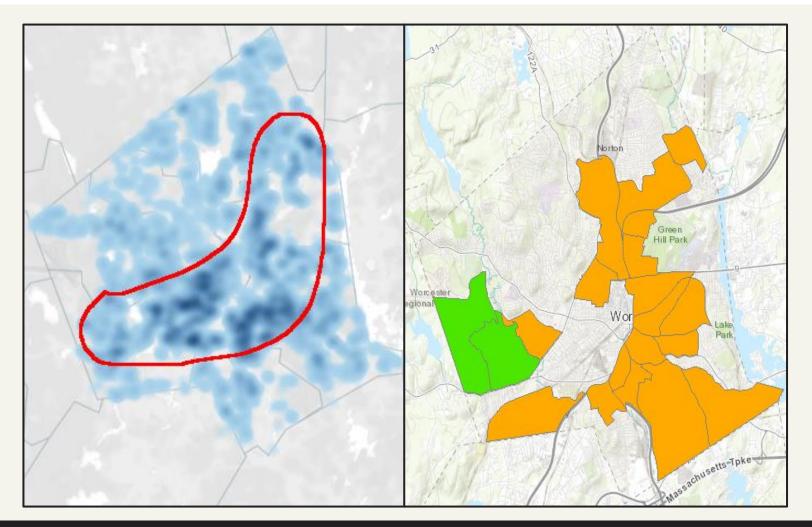


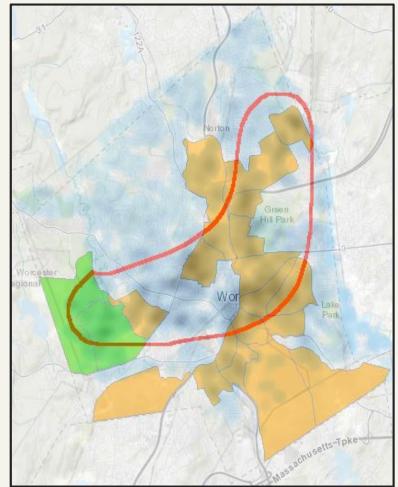
Demographics



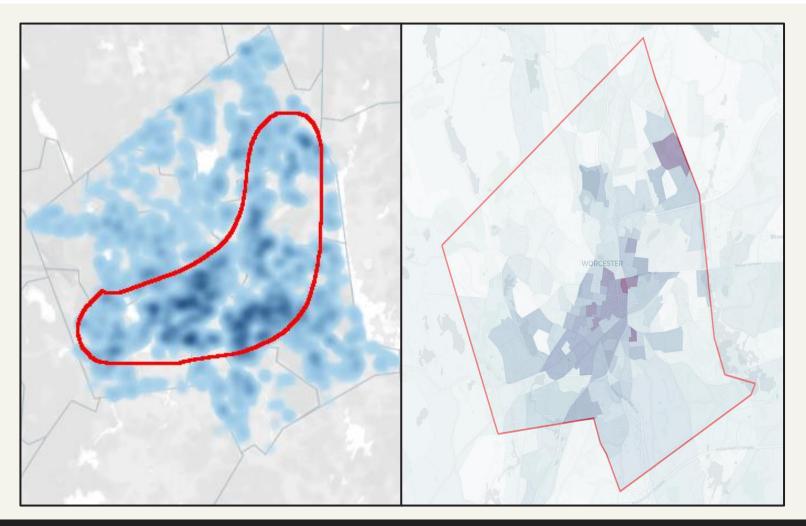
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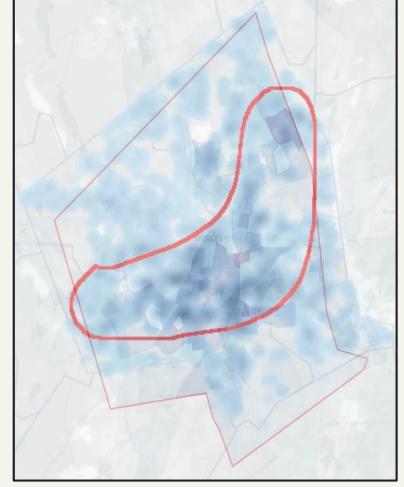
Food Desert



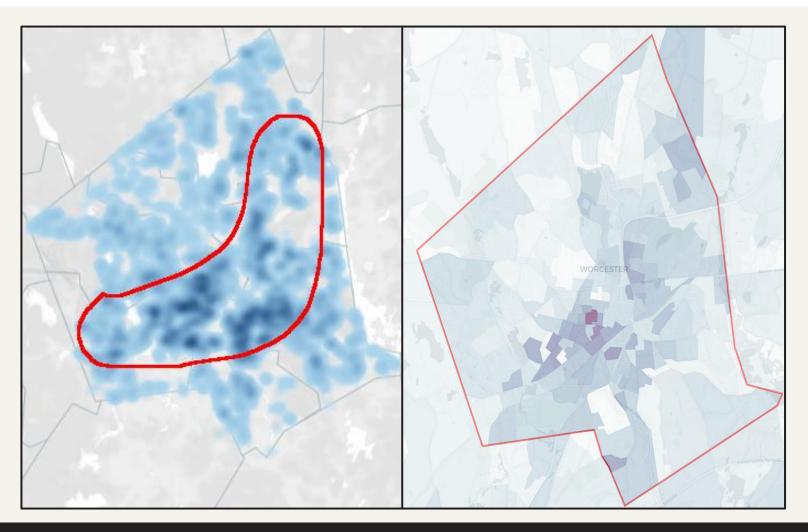


Income Below Poverty



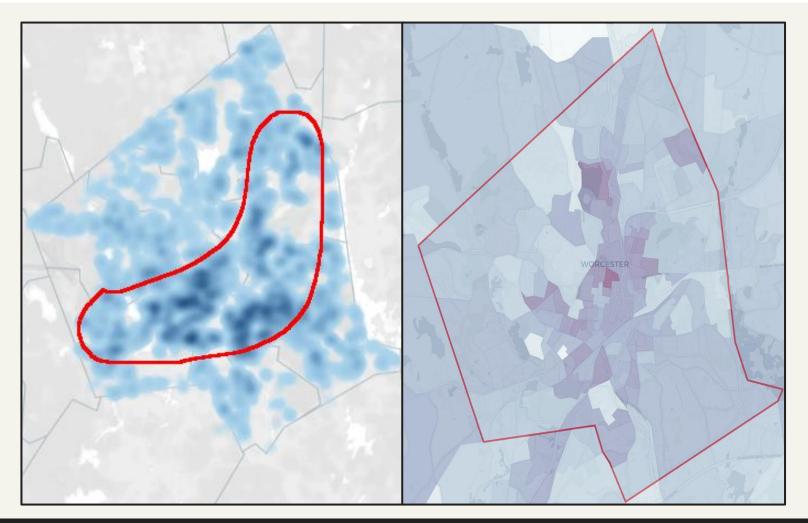


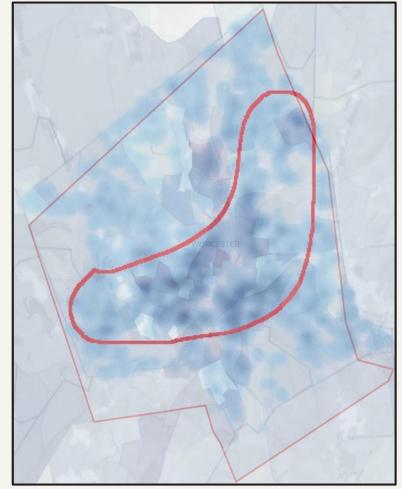
Less than High School Education



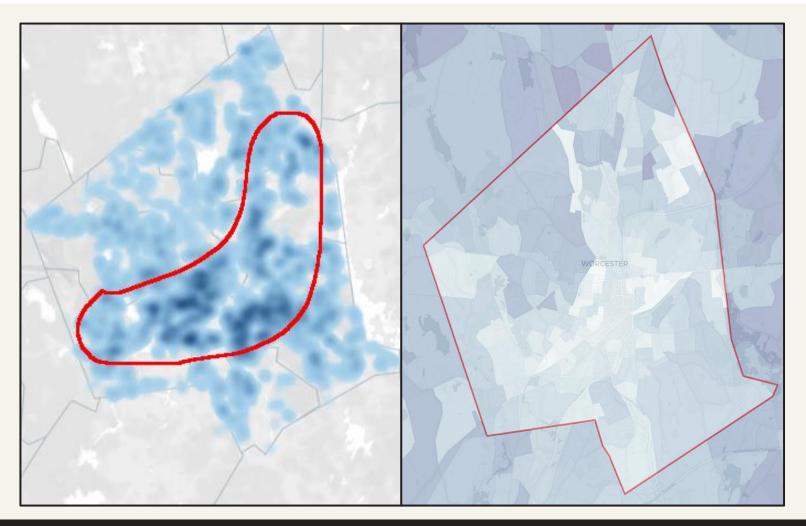


Meals from Fast Food Per Week



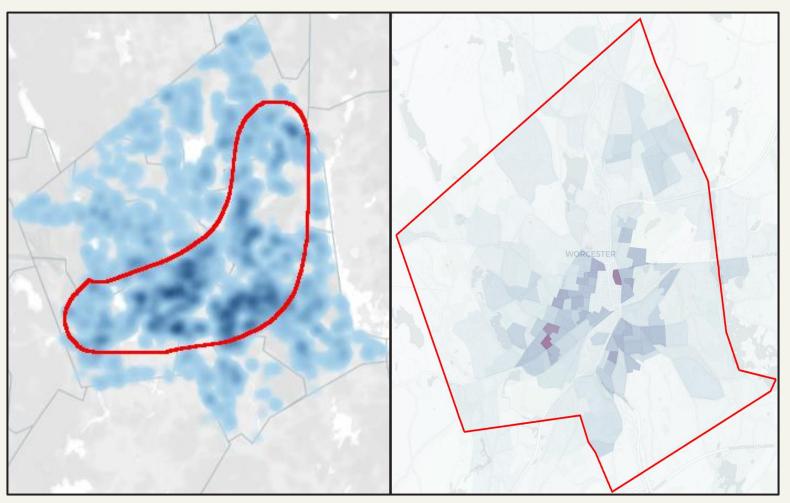


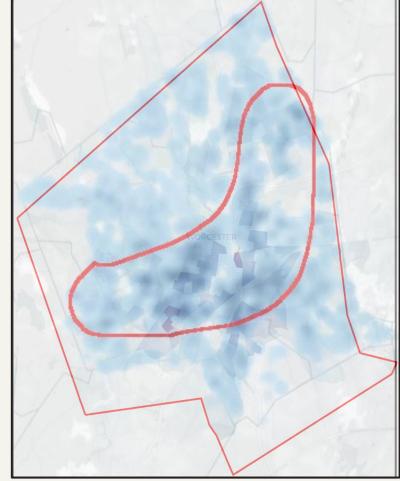
Median Household Income



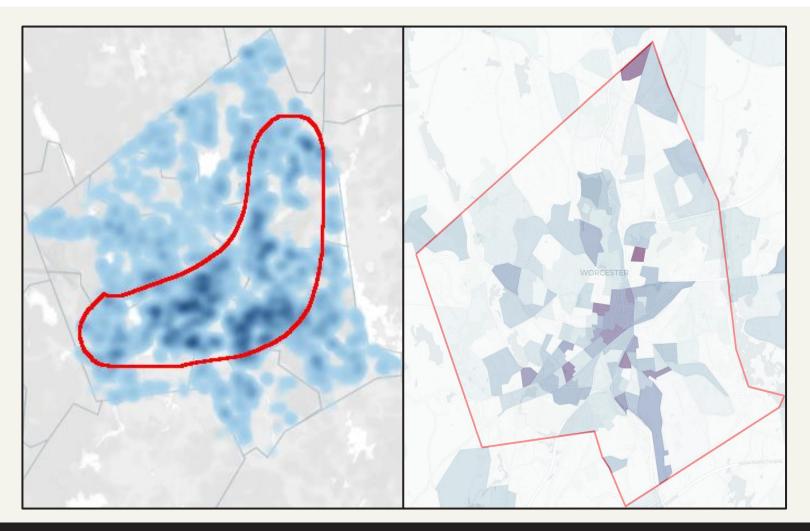


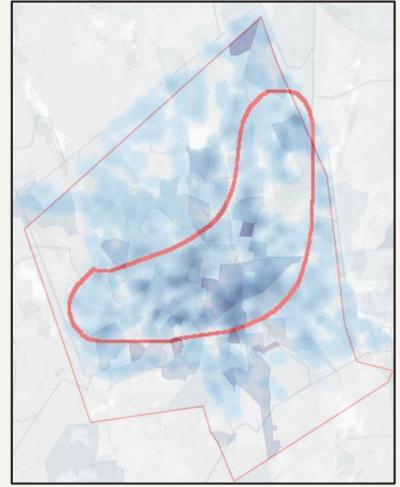
Population Density



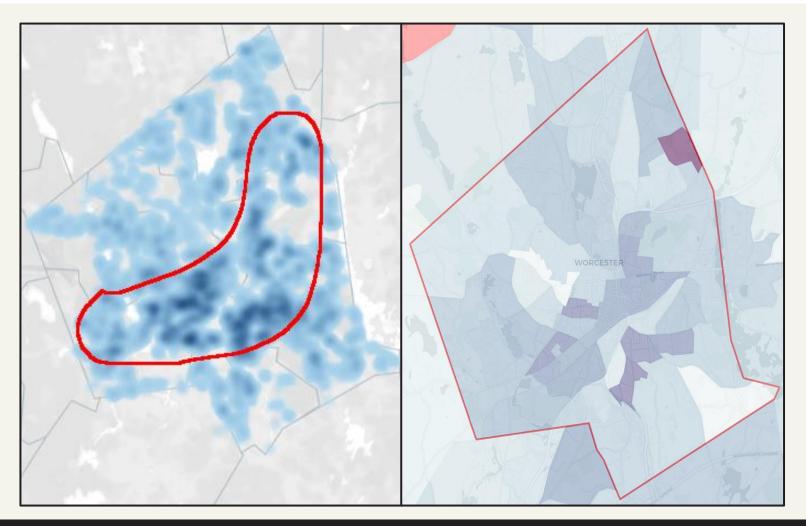


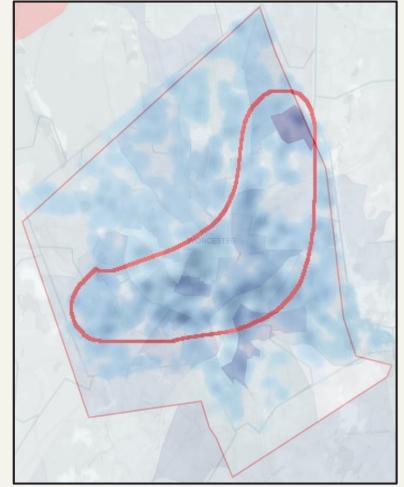
Usage of Public Transportation

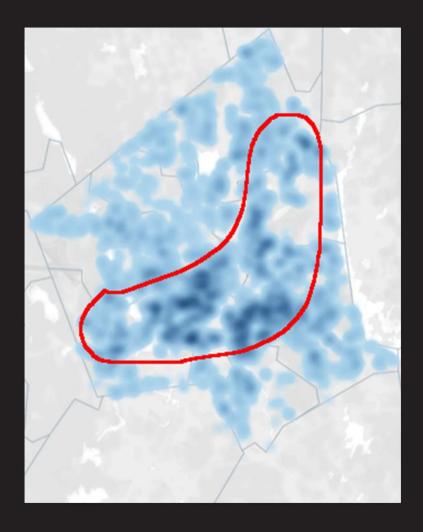




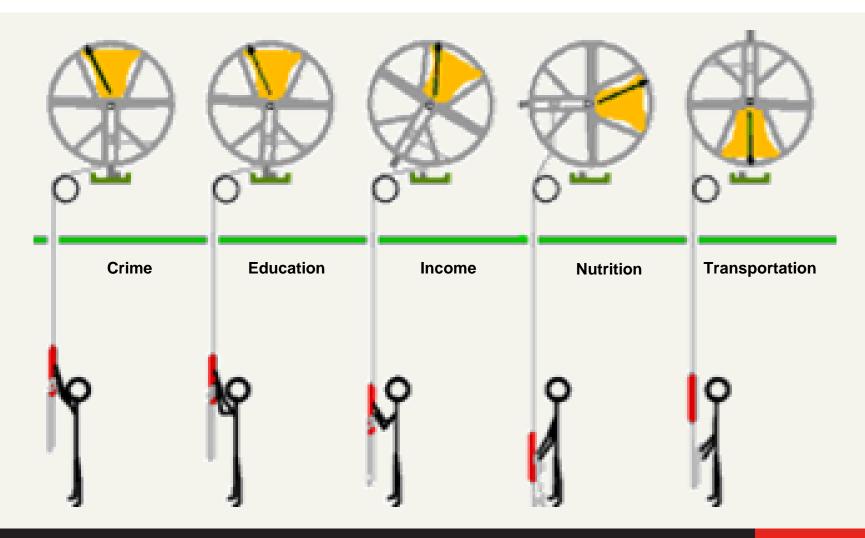
Unemployment Rate







Bell Ringers Model



Rhetoric is to Audience as Health & Medicine are to Social Factors

Writing about Hoisesing and Public Health



Reseation Methods in Writing

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Teaching Meriting

Thanks!

Questions?