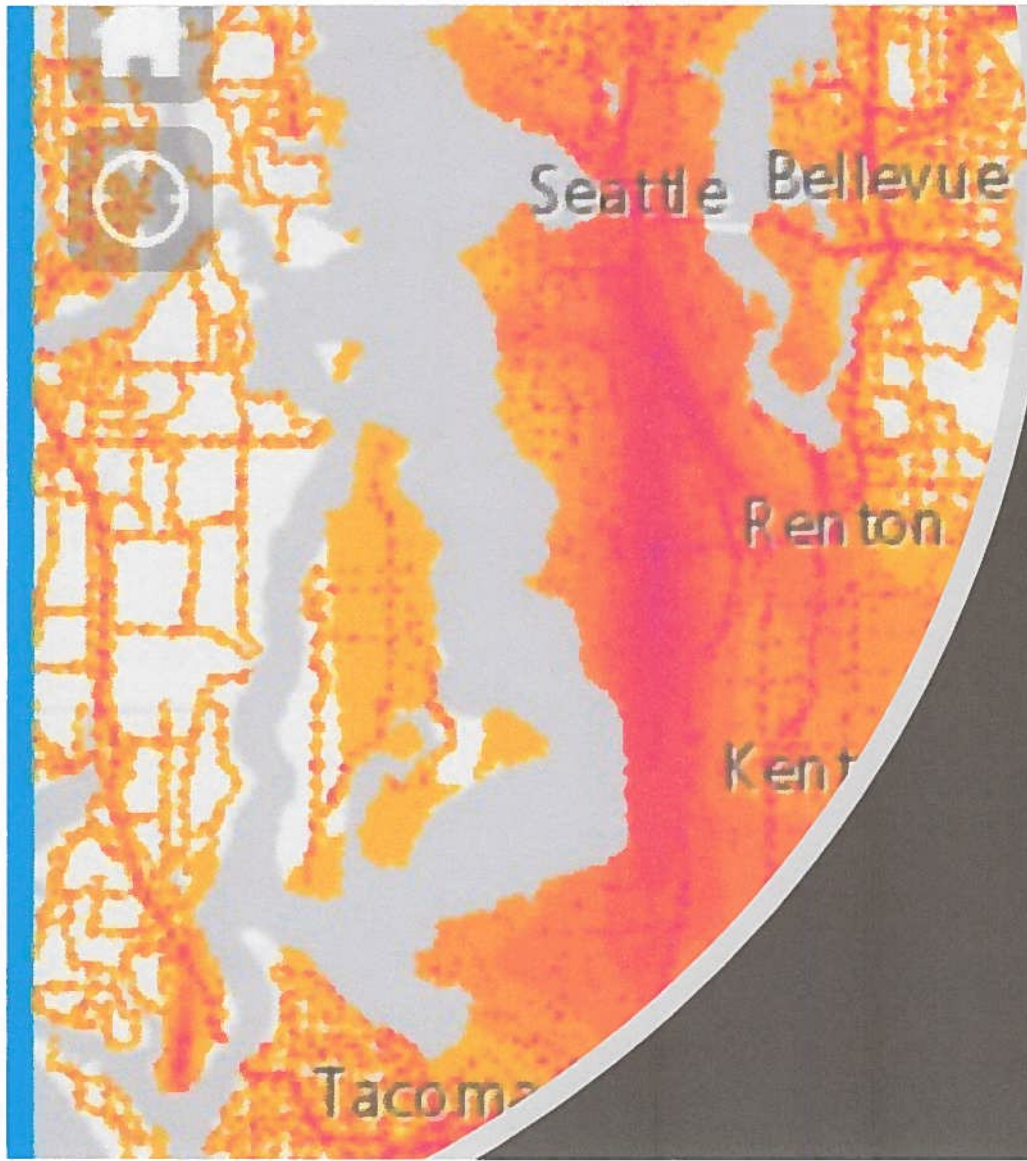


Disproportionate Impacts

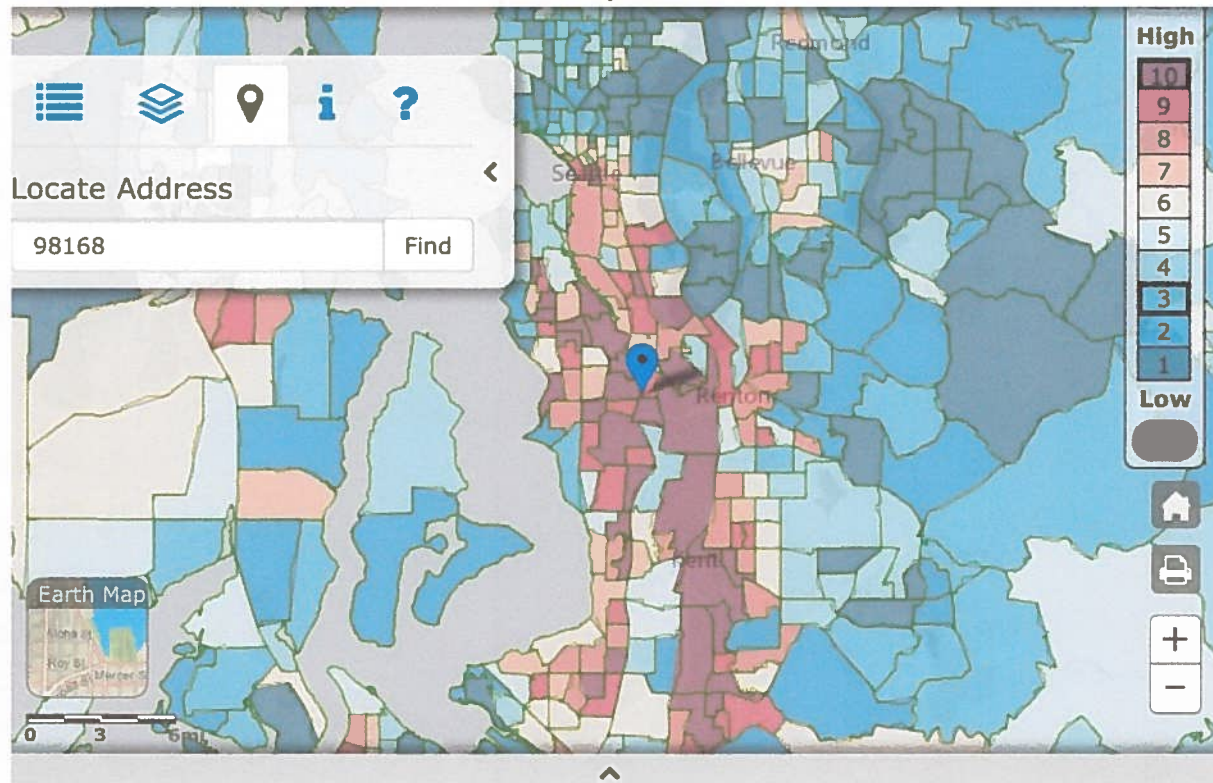
Maps: King County Health, State Department of Health, EPA EJ Screen, Port of Seattle, Flight Pattern Kids

- Cities in South King County experience a high level of disproportionate impacts from Sea-Tac Airport operations which include:
- Low income residents, highest poverty levels in the county
- Language barriers
- Higher illness rates
- Lower life expectancy
- Less access to healthcare
- Highest noise levels in the county
- Highest concentrated emissions in the county



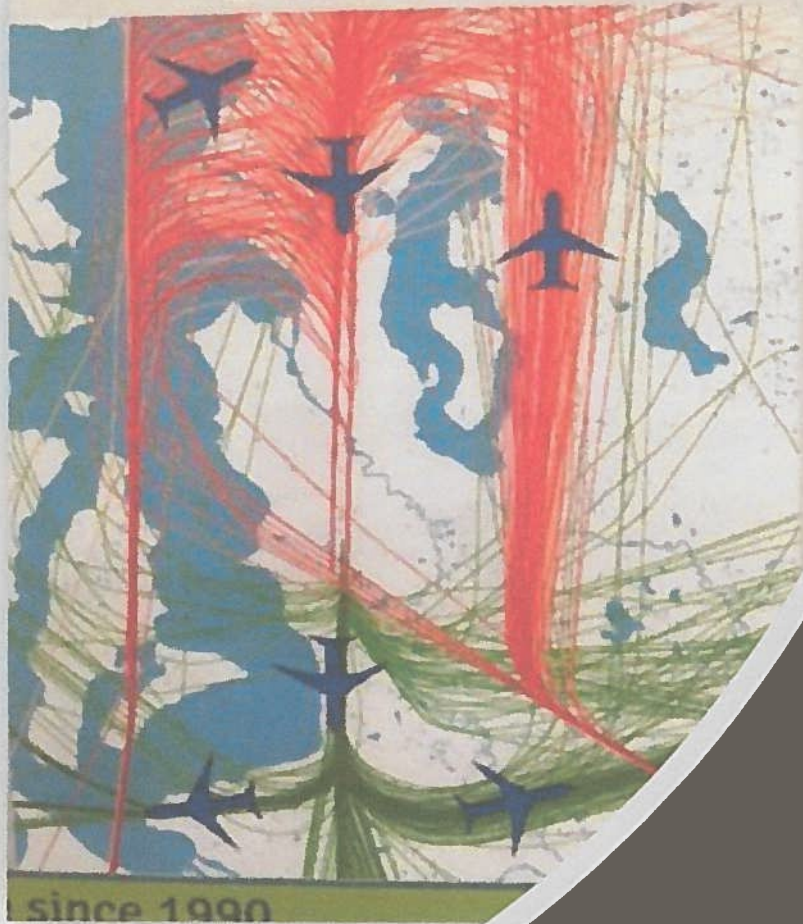
Disproportionate impacts of noise

US Noise Map shows highest noise levels in the region centered around Sea-Tac Airport and flight paths

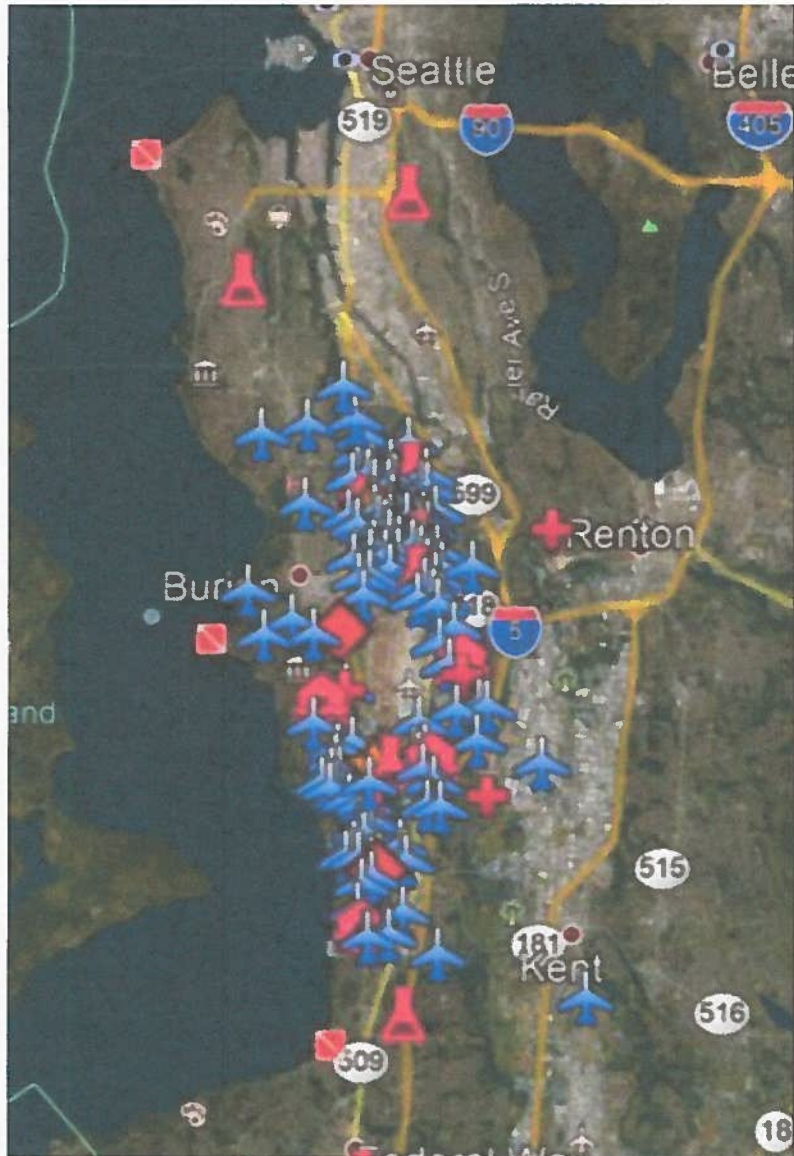


Highest health disparities in the region mirror the areas with the highest noise impact and follow the flight path. Blue teardrop is Sea-Tac Airport

South Flow

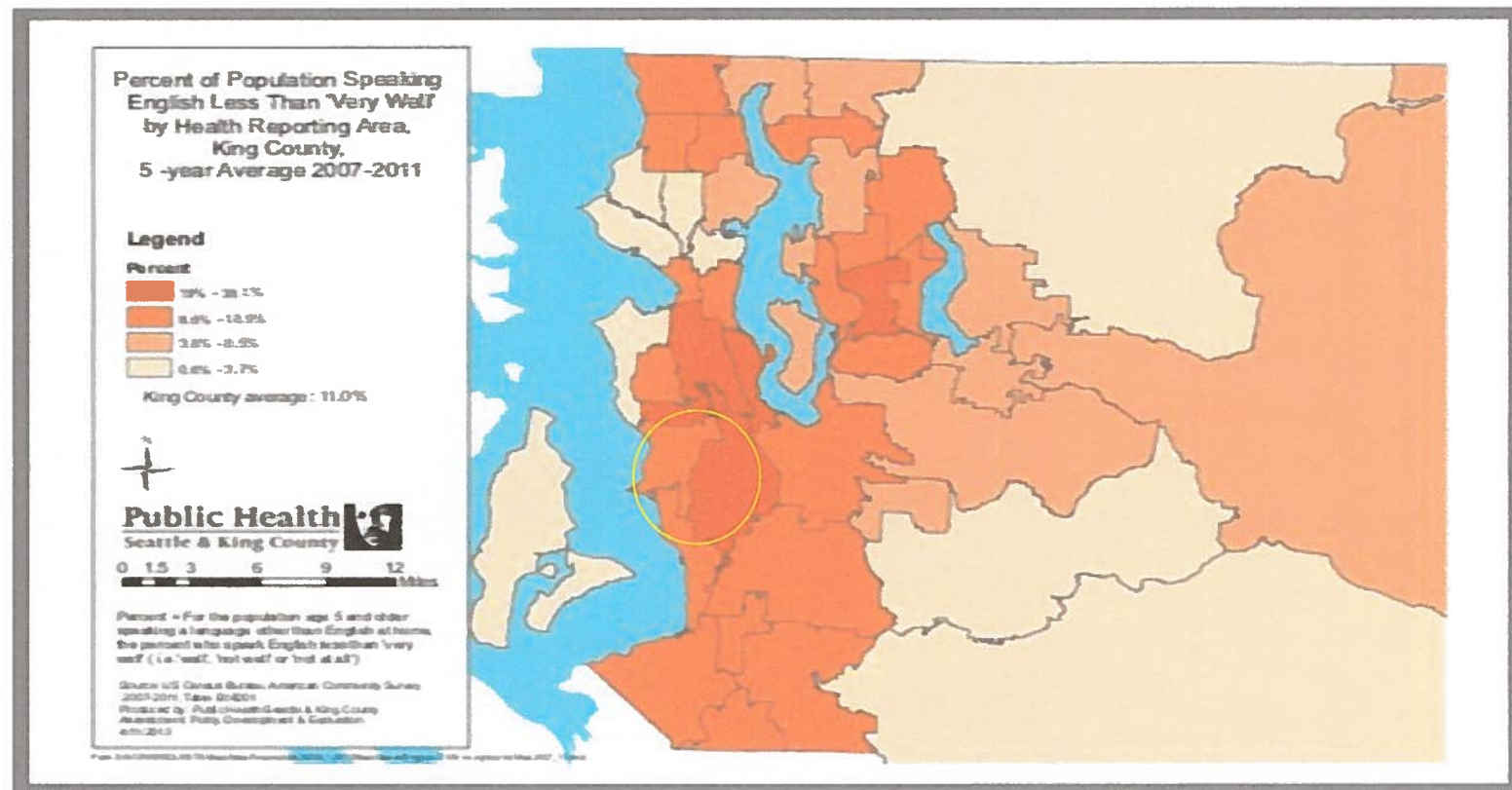


Note the concentration of flight paths matches the high noise, health impacts, social detriments, low income and minority, and disparities.

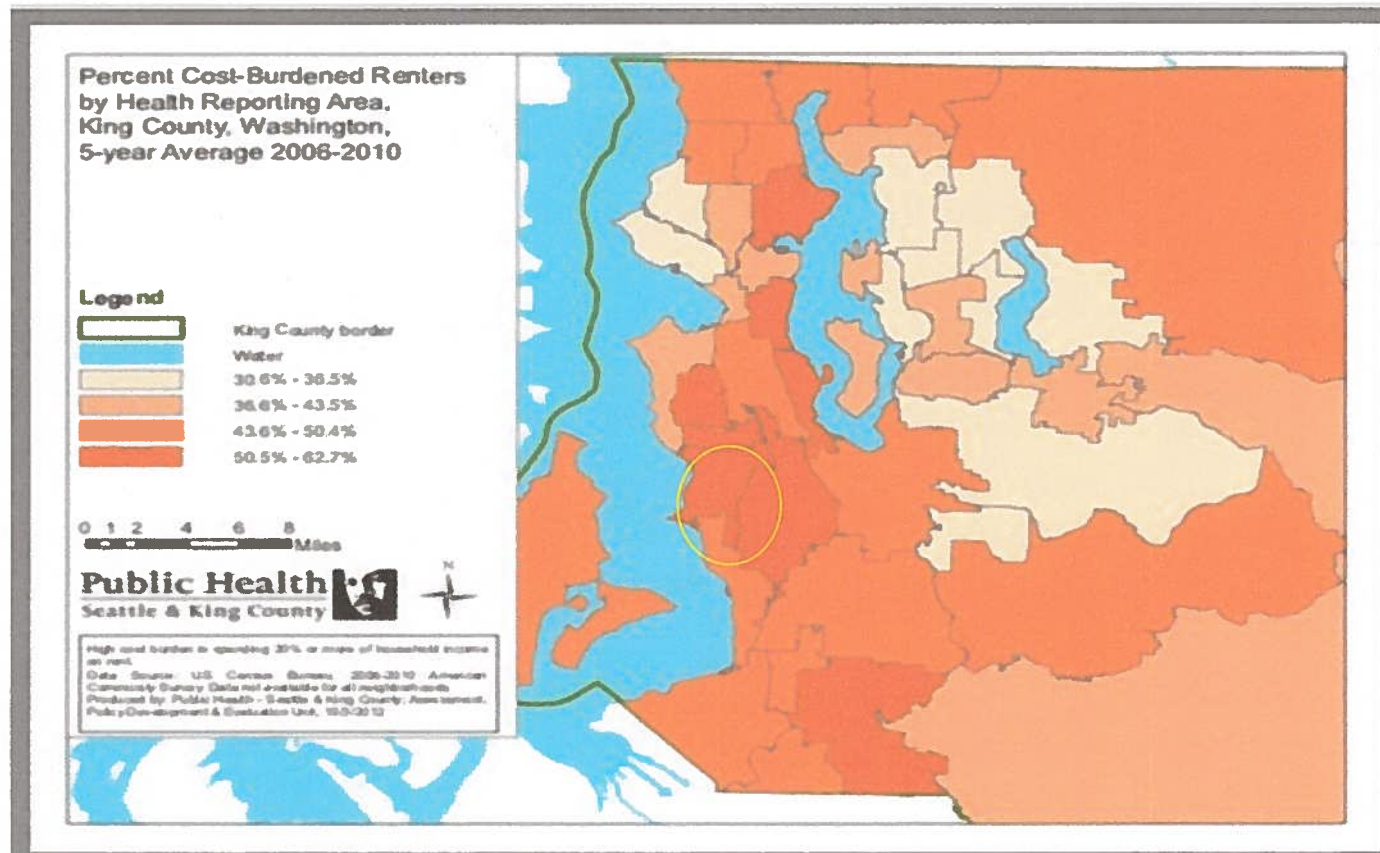


Flight Pattern Kids household health questionnaire shows reported cancer and immune disease concentrated in the highest noise/health impacted areas around the airport and flight path

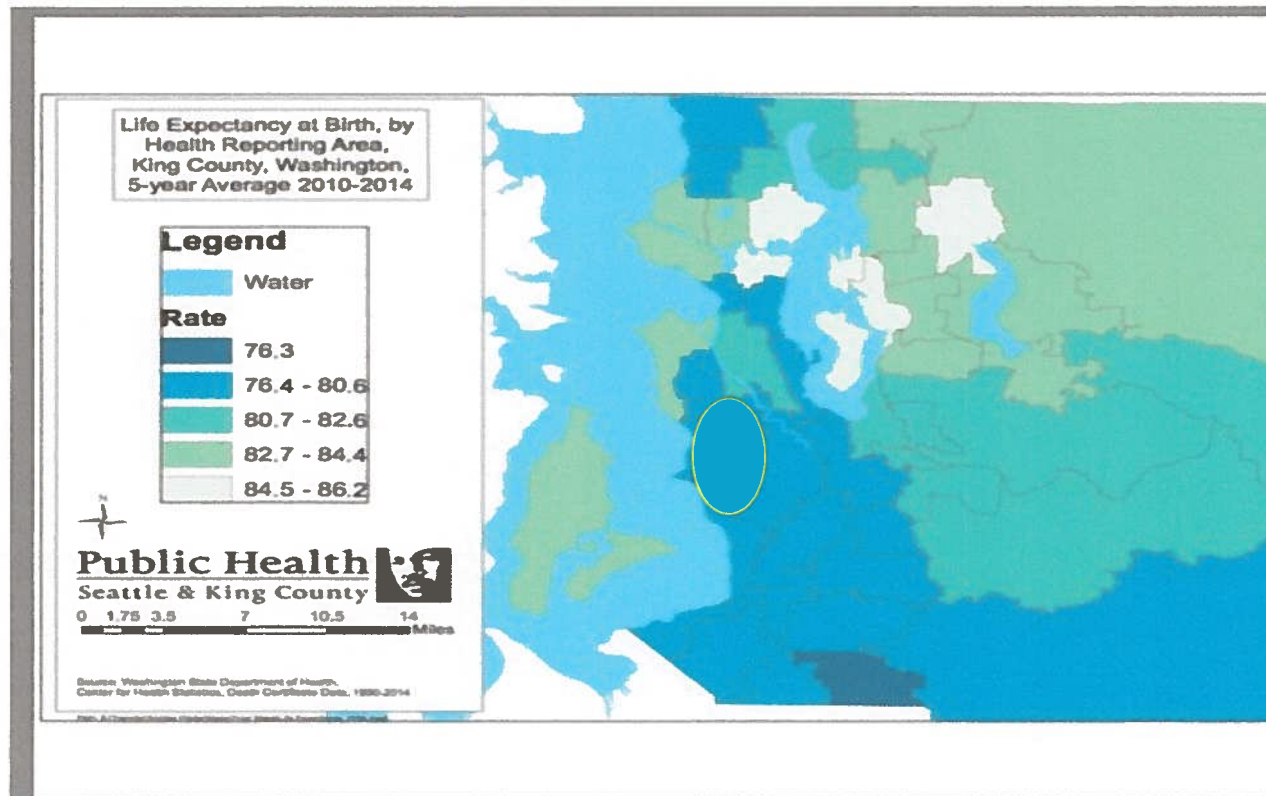
King County Health and Economic Maps: Language barriers



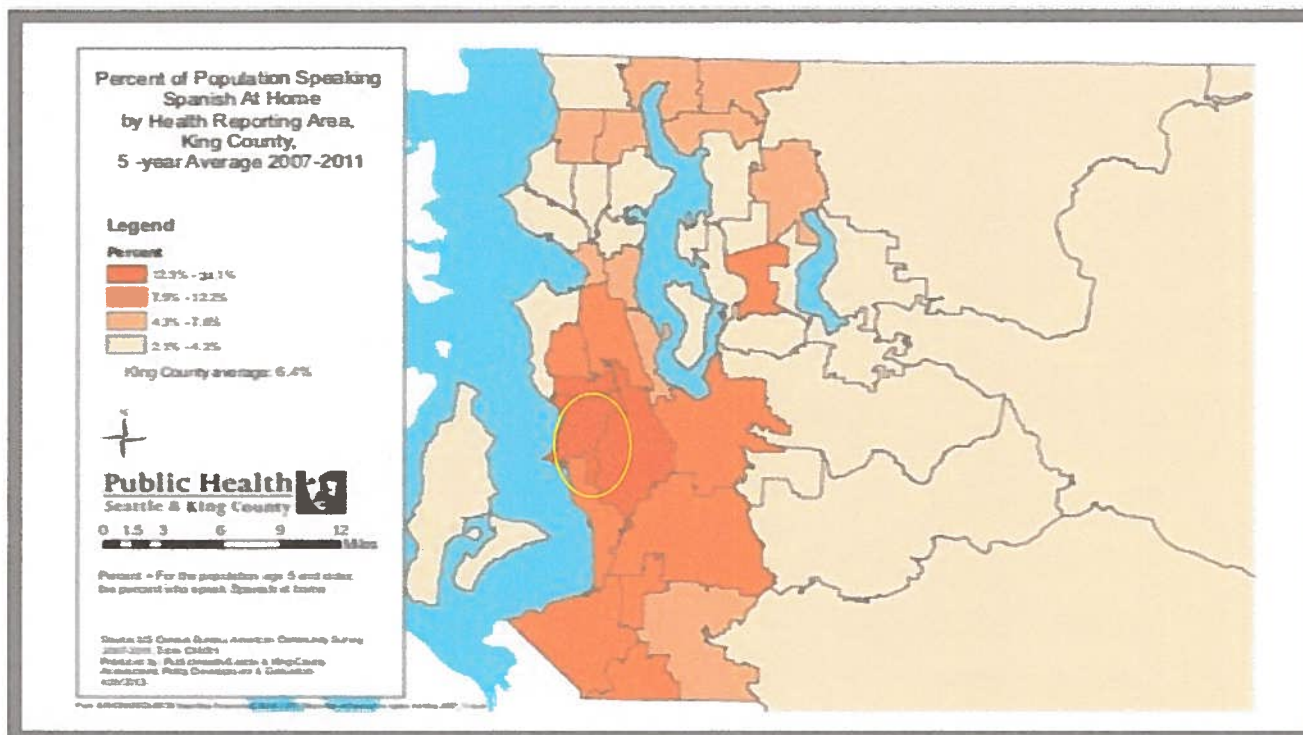
King County Health Maps: Cost Burdened Renters



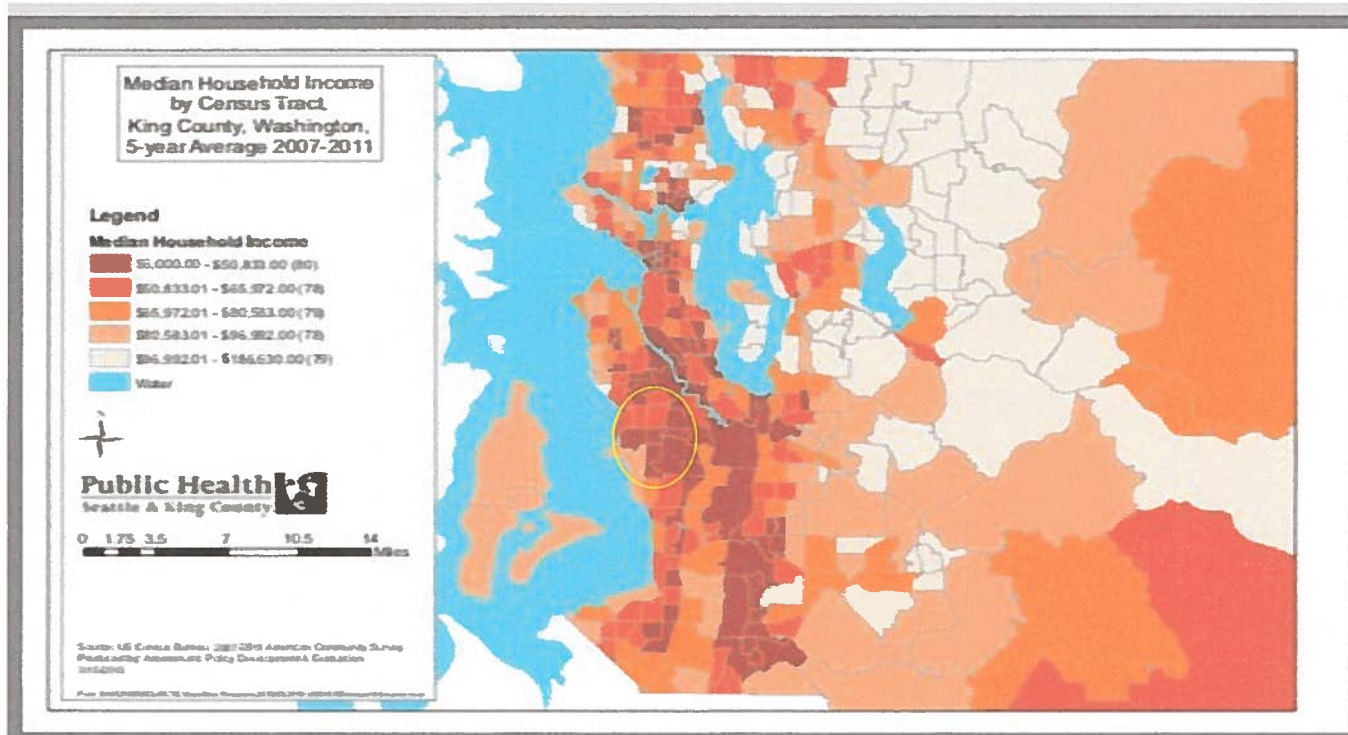
King County Health Maps: Life Expectancy



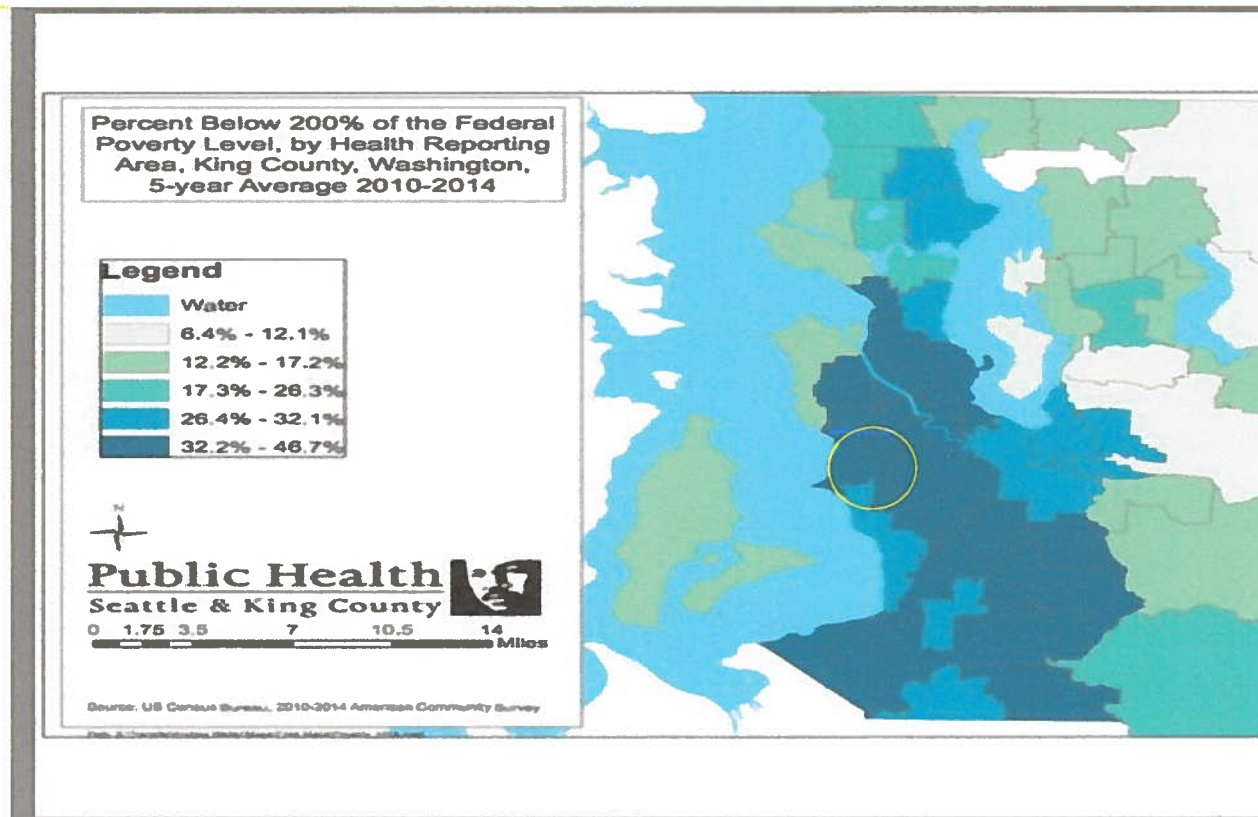
King County Health Maps: English as a second language



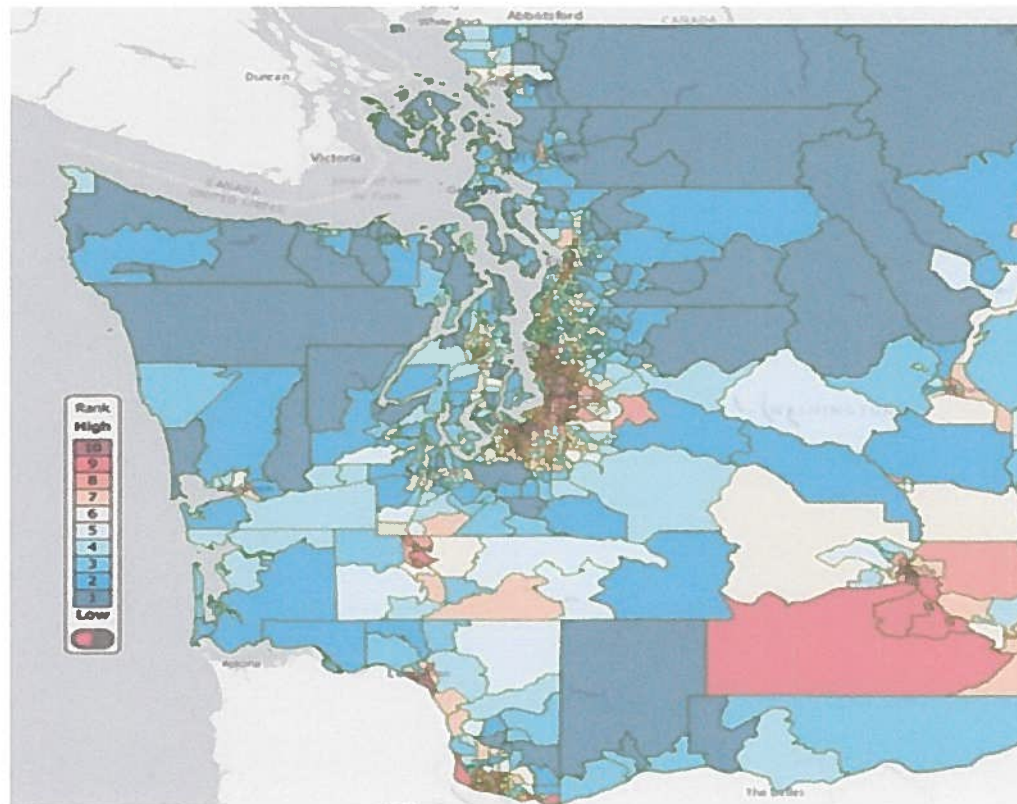
King County Health Maps: Low Income



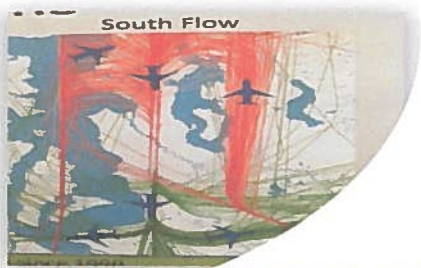
King County Health Maps: Poverty



Disproportionate impacts to pollution from New Mapping tool developed by Department of Health and UW shows highest overall levels in South King County



noise levels, highest air pollution levels, highest poverty level, highest asthma rates, highest ultrafine particulate impacts concentrated around one of the biggest pollution sources in the state for both Noise and Emissions



King County Health Maps:
Low Income

