HIA is a tool to integrate and formalize community health considerations in urban planning. The proposed HIA conducted as part of the regional long-range transportation plan for Champaign County, IL. The primary objective was to analyze public health impact of transportation infrastructure and land-use policies. Champaign-Urbana urbanized area was selected as the study area based on the availability of data. A robust working model for this area can be easily scaled up for a larger area such as entire Champaign County.

HIA revealed that obesity rate decreases with increase in density, accessibility to services, land-use mix, transit connectivity, and opportunities for active transportation.