Like many urban areas, the city of Washington D.C. has an abundance of side-walks, parks, public transportation service, making it conducive to walking. However, population of low socioeconomic status disproportionately lives in unsafe neighborhoods. Thus while giving policy recommendations about walking based on neighborhood walkability; it is important to simultaneously contemplate the inherent barriers to walking, such as neighborhood crime rate.

Deanwood neighborhood locates at the far east corner of Washington D.C. It is east of Anacostia River, and bounded by Kenilworth Avenue to the northwest and East Capital Street to the south. Deanwood is known for its relatively low-density streets and dense tree cover, making it very conducive to walking. However, in the last couple of years, the neighborhood’s surging homicide rates have become a major concern for its residents and the MPD.

Walkability scores are evaluated by walkscore.com. Every intersection is assigned with an aggregate score ranging between 0 to 100. It takes into consideration factors such as available walking routes to parks, schools, restaurants, and grocery stores. It also factors transit accessibility and routes.

Crime data is compiled from all crime incident reports to the Metropolitan Police Department (MPD) in 2013. The circle symbols the number of total incidents reported at this block address in 2013 and are sized to its relative value compared to other blocks.

Layering crime data on top of walkability scores suggests that while the areas just south of Fort Mahan Park and along 42nd st NE are very walkable, it should be avoided due to the high crime rate.