

NEW YORK CITY

SUBWAY ENTRANCE DENSITY

SKILL: CALCULATING AND VISUALLY COMMUNICATING
RELATIONSHIPS AMONG SPATIAL DATA LAYERS

SOFTWARE USED: R

This map shows the density of subway entrances within each of New York City’s neighborhoods. A single subway station an have multiple entrances: the Union Square station alone has 14 separate entrances with varying levels of accessibility.

As expected for anyone who is familiar with New York City, the greatest density of subway entrances exists in midtown and lower Manhattan, and downtown Brooklyn. Most of the neighborhoods in New York City have between zero and ten points of subway entry.

My source was NYC Open Data, the city’s open data portal. The boundaries of neighborhood tabulation areas were created by the NYC Department of City Planning based on 2010 Census data.

