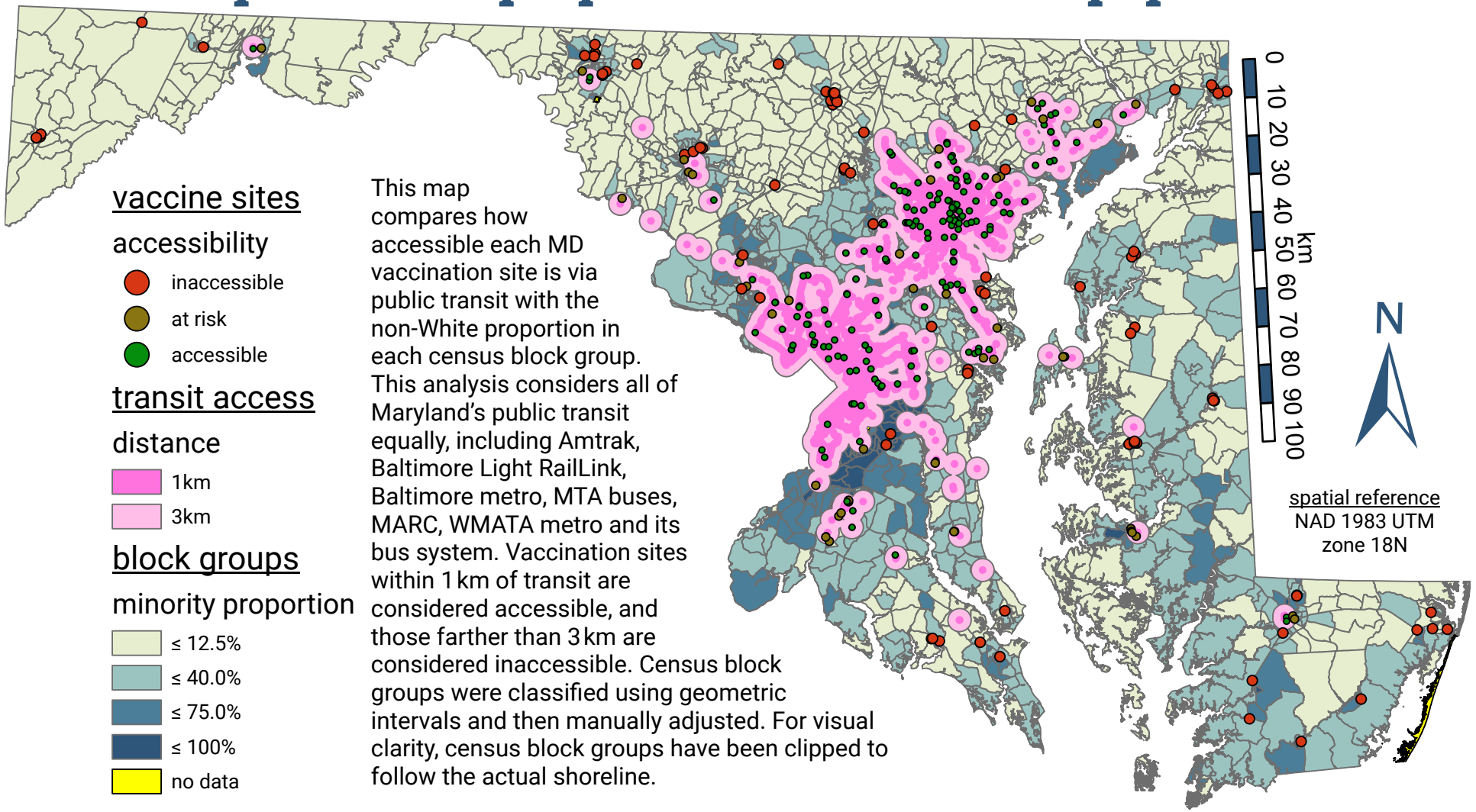
accessibility of vaccination sites in Maryland, compared with proportion of non-White population



This map compares how accessible each MD vaccination site is via public transit with the non-White proportion in each census block group. This analysis considers all of Maryland's public transit equally, including Amtrak, Baltimore Light RailLink, Baltimore metro, MTA buses, MARC, WMATA metro and its bus system. Vaccination sites within 1 km of transit are considered accessible, and those farther than 3 km are considered inaccessible. Census block groups were classified using geometric intervals and then manually adjusted. For visual clarity, census block groups have been clipped to follow the actual shoreline.

data sources

vaccination sites: Maryland iMAP (2021): https://data.iMAP.Maryland.gov/datasets/all-maryland-vaccination-sites-1

transit locations: Maryland Department of Transportation (2019): https://geodata.MD.gov/imap/rest/services/Transportation/MD_Transit/FeatureServer

census block groups: United States Census Bureau (2018): https://census.gov/geographies/mapping-files/time-series/geo/tiger-data.2018.html