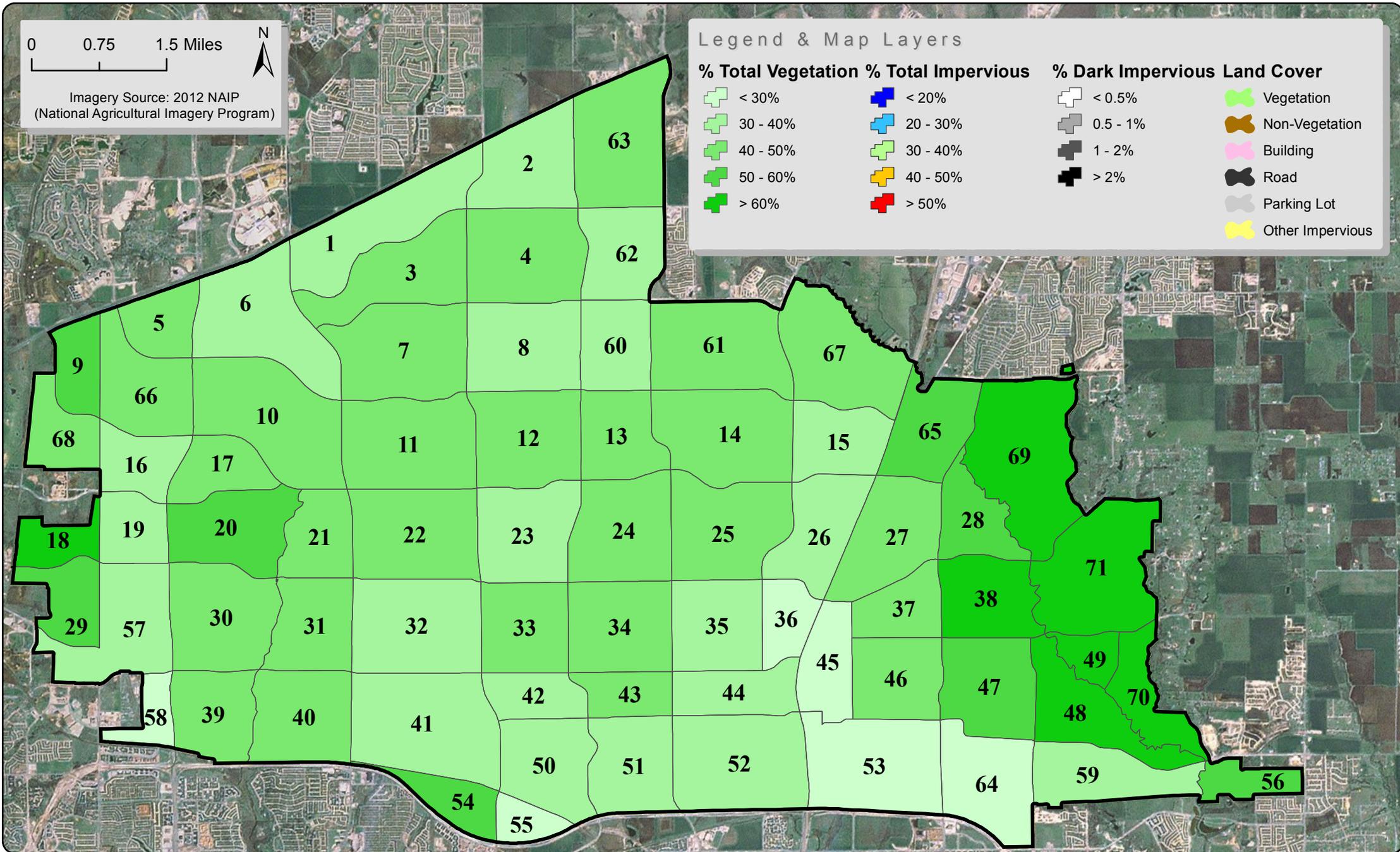


Plano, Texas: Land Cover and Urban Heat Island Data by Neighborhood

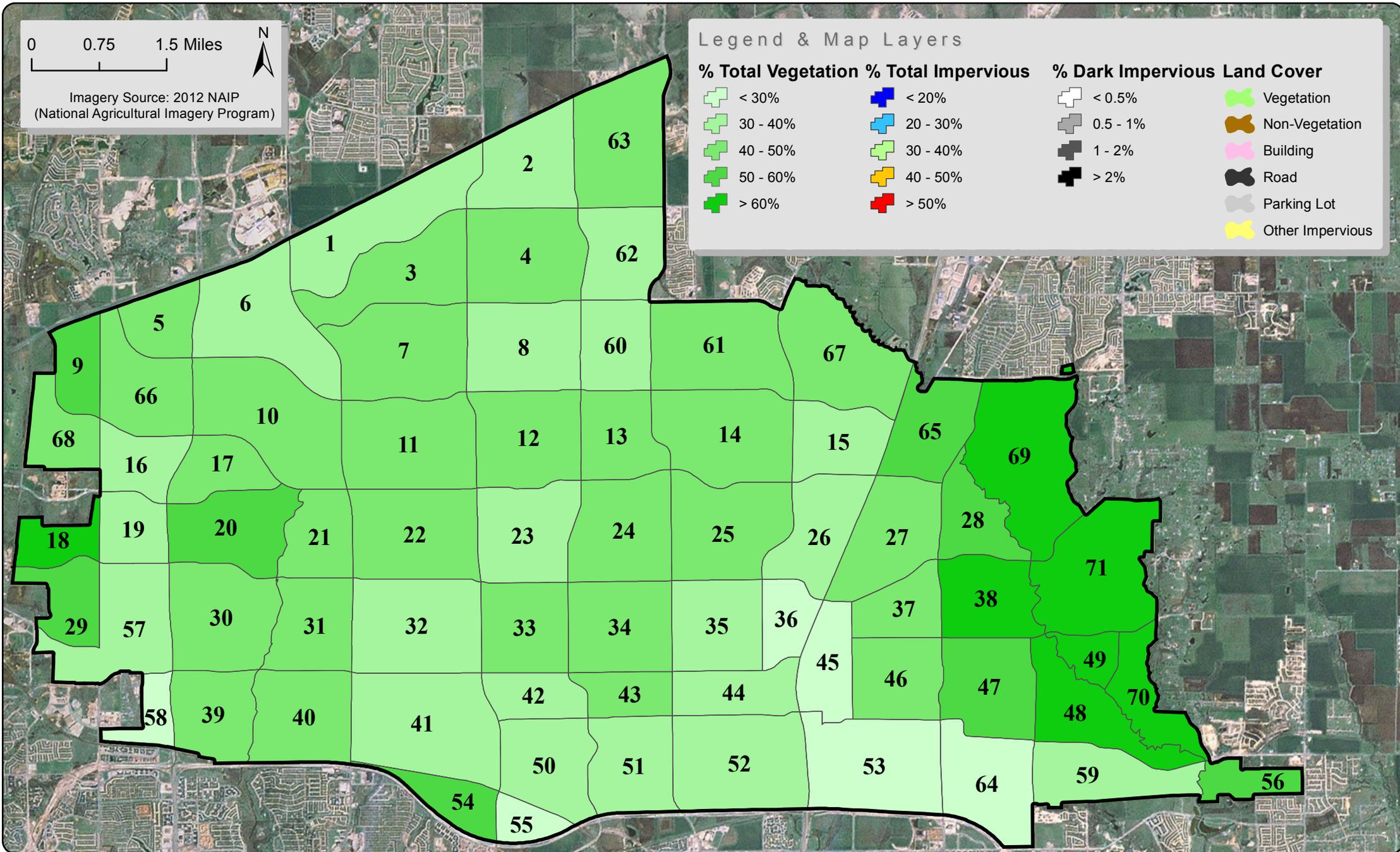


About this Product: The data layers in this mapbook were derived through a cursory geospatial analysis of Urban Heat Islands as planning companions to the City of Plano's 2014 Urban Forest Master Plan Data Collection and Assessment Project. The maps provide additional information useful for establishing tree planting priorities, goals and strategies to mitigate urban heat islands. Geographic scales include neighborhoods, US Census Blocks, and a 250-foot grid.

Description of Analysis Methods: To illustrate potential tree planting areas which will best mitigate the urban heat island effect, Plan-It Geo remote sensing analysts derived the following classifications from 4-band multispectral aerial imagery (the 2012 National Agricultural Imagery Program, or NAIP) and existing City of Plano GIS data:

- **% Vegetation (Veg):** was classified from the NAIP imagery and included all vegetated areas (tree canopy, lawns/grass, open space, herbaceous cover).
- **% Total Impervious (IA):** included all existing road, parking lot, building, driveway, and sidewalk GIS data.
- **% Dark Impervious:** was classified from the NAIP imagery and primarily included large, contiguous, asphalt surfaces from parking lots and rooftops.

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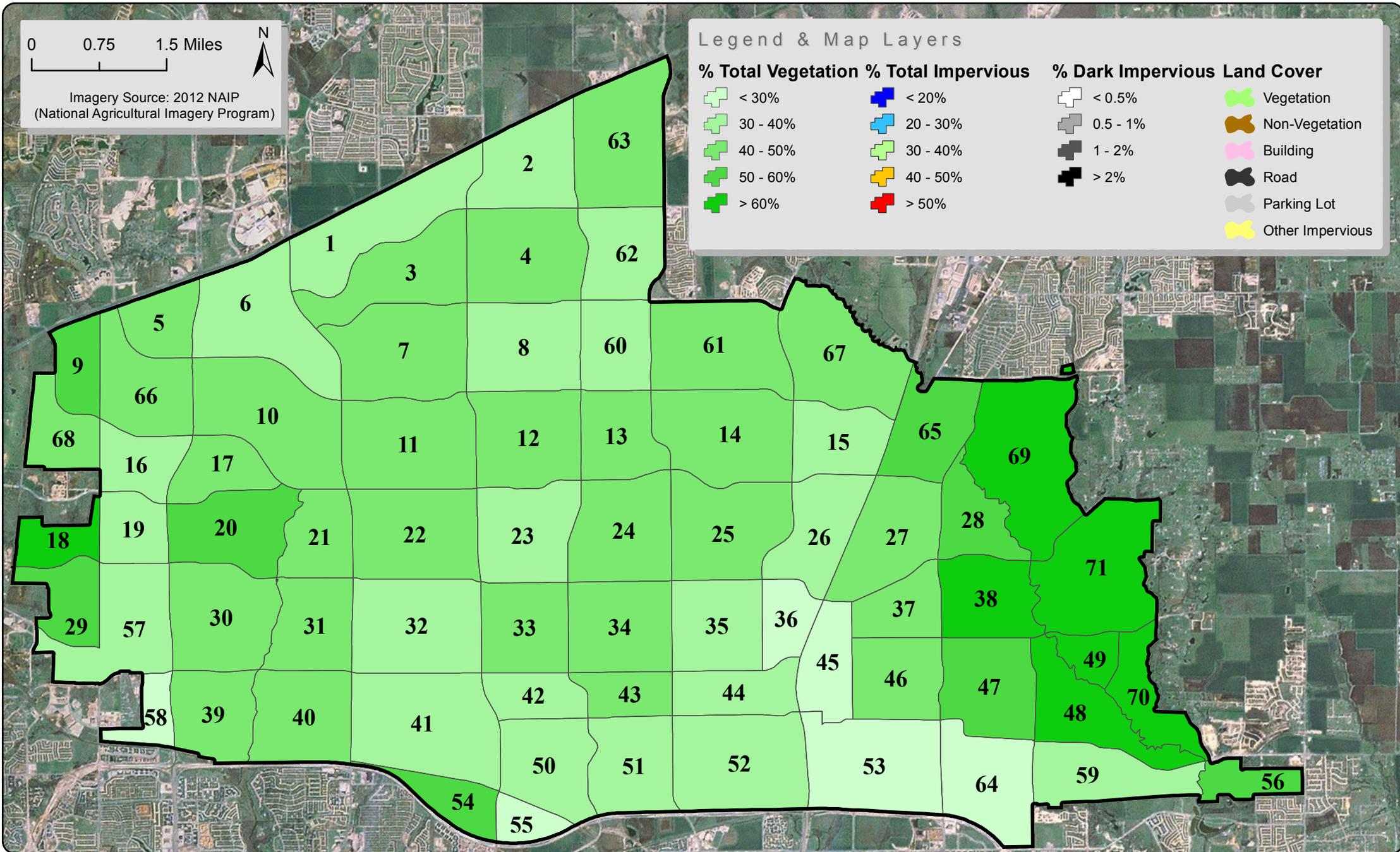


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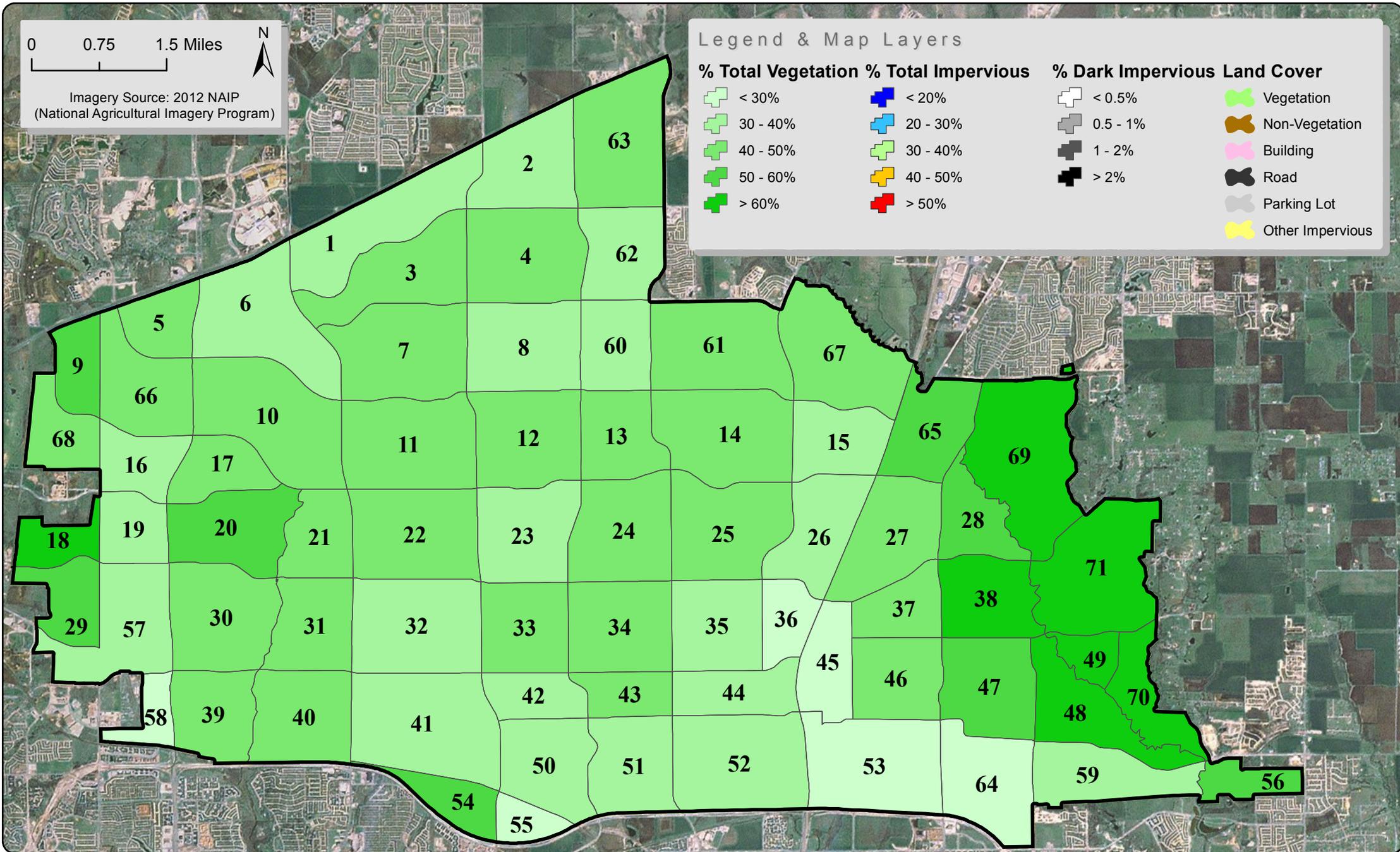


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