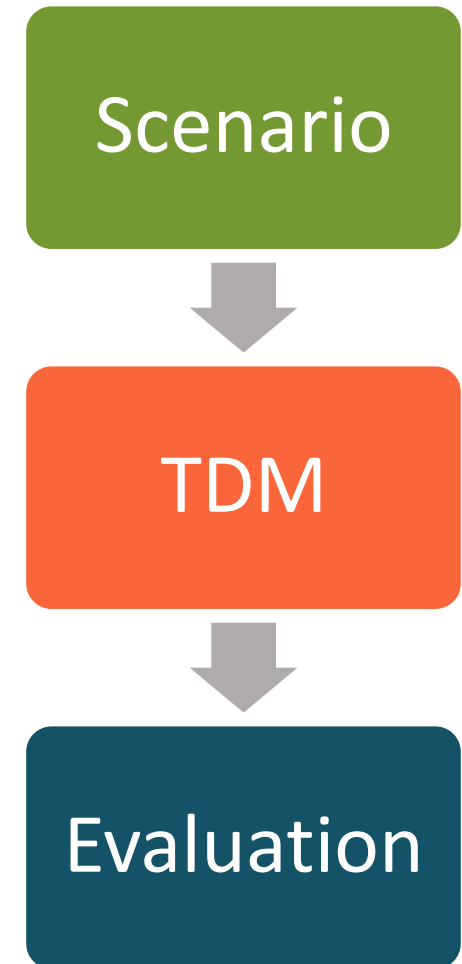




Land Use Scenarios Status

Encompass 2040 Scenarios

- Metropolitan Transportation Plan
- Link between land use and transportation
- Travel Demand Model (TDM)
 - Population and employment data (Scenarios)
 - Current and future projects
- Impacts of development
- Fiscally constrained plan

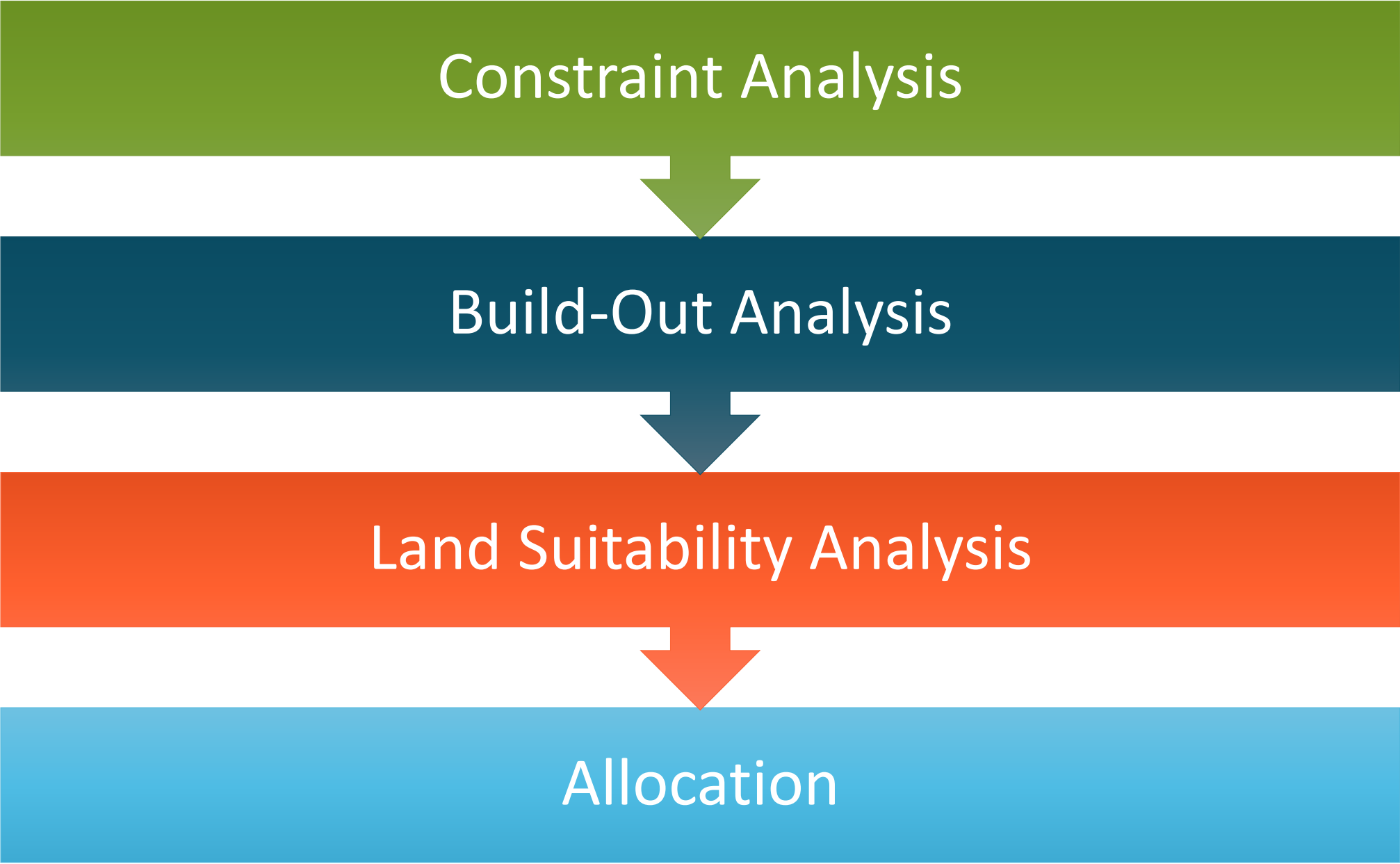


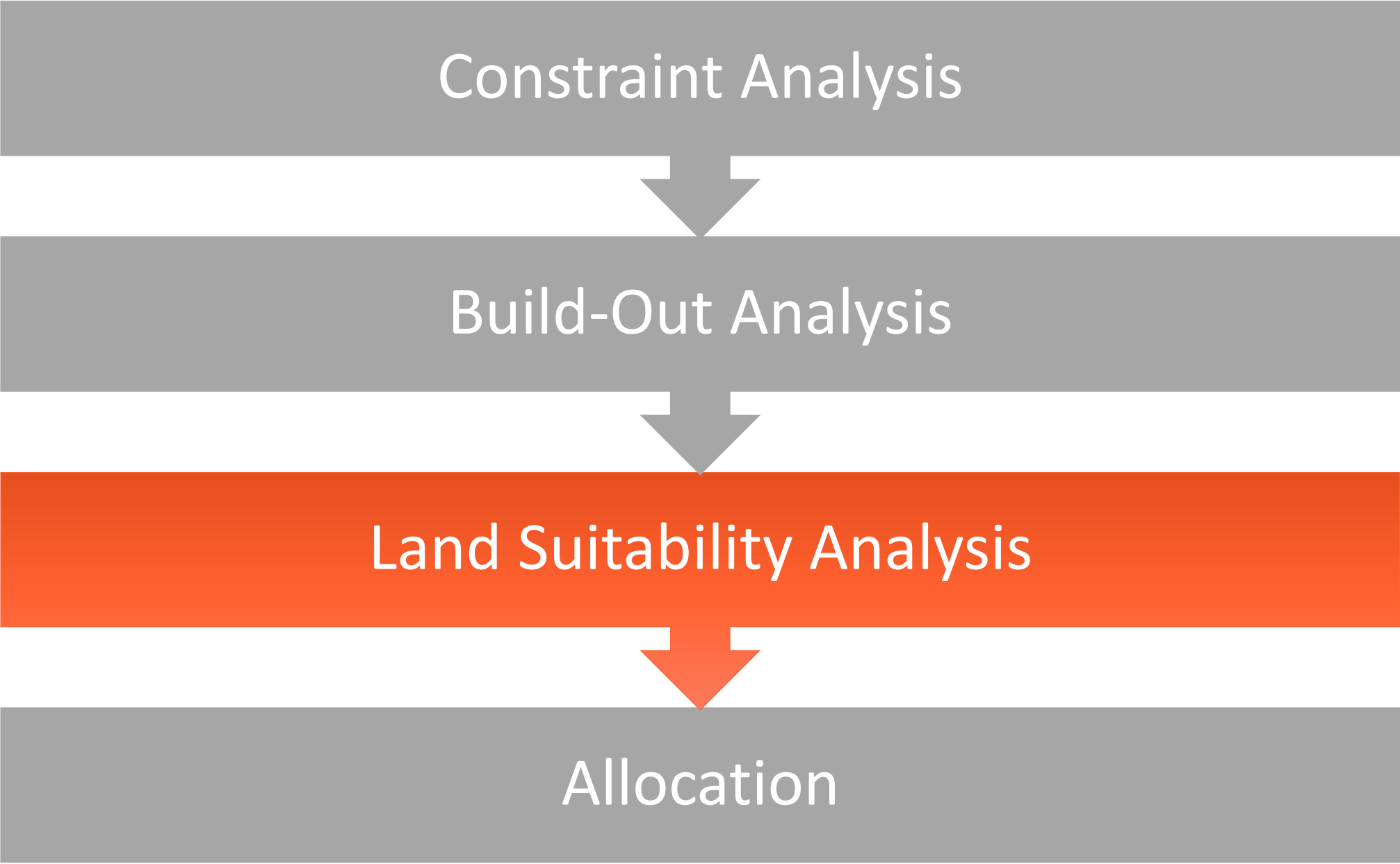
Scenario 1: Historical Trend

- **Constraints:** Floodways, parks, ROWs
- **Attractions:** Trend and schools
- **Housing:** Lower density residential developments
- **Employment:** Separated from housing, along transportation corridors
- **Transportation:** Auto-dependent

Scenario 2: Nodal Growth

- **Constraints:** Farmland
- **Attractions:** Downtowns, Transit Oriented Developments (TODs), service areas
- **Housing:** Mixed-use, infill, higher density developments
- **Employment:** Downtowns, TODs, mixed-use
- **Transportation:** Regional transit





Land Suitability Analysis

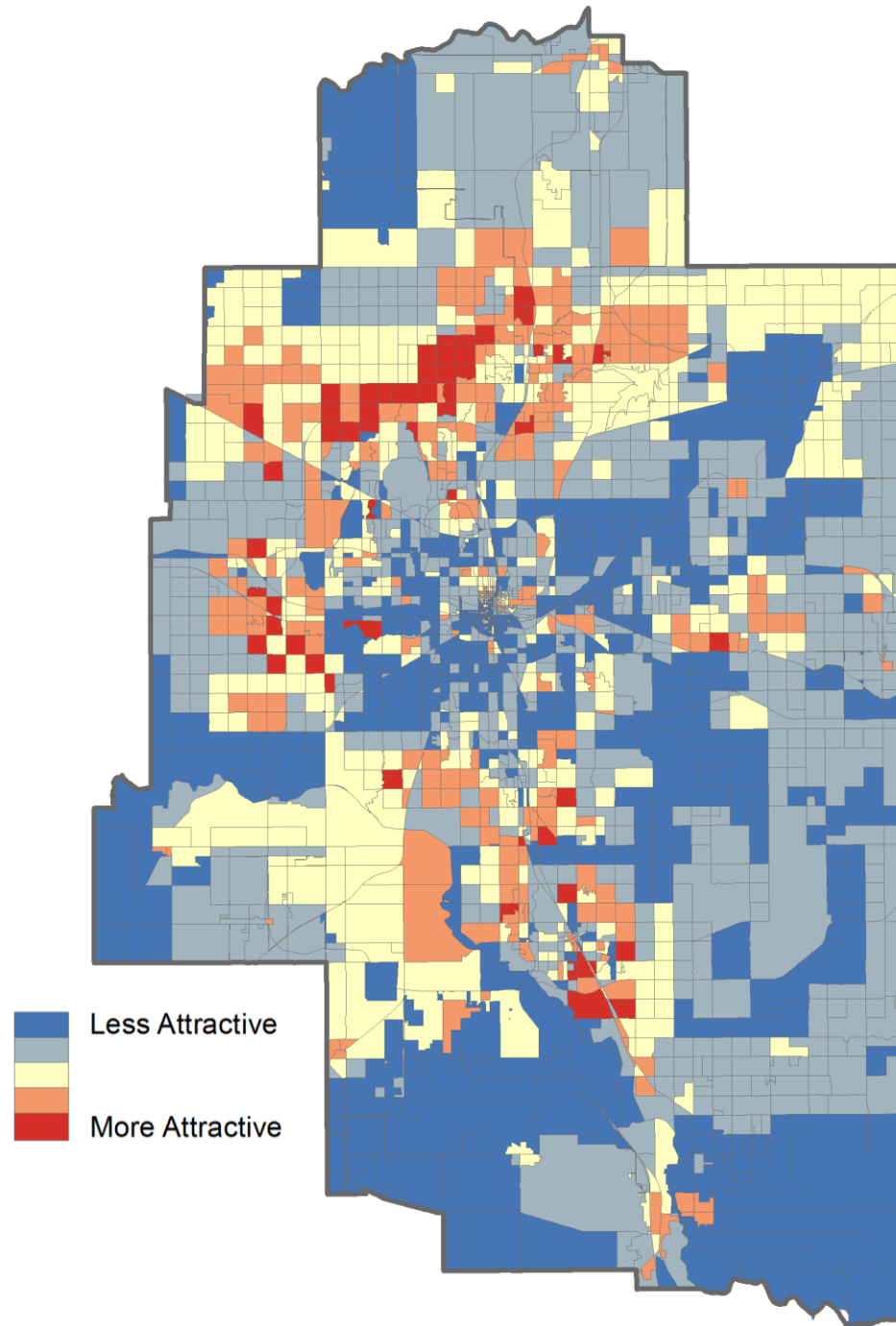
- Determines attractiveness
 - Areas most desirable for development
- Residential Attractiveness
 - Based on:
 - Current development trend (2010-2013 building permit data)
 - Schools
 - Income
 - Density
 - Downtowns, TODs, and Special Districts (Scenario 2)
 - Service area boundary (Scenario 2)



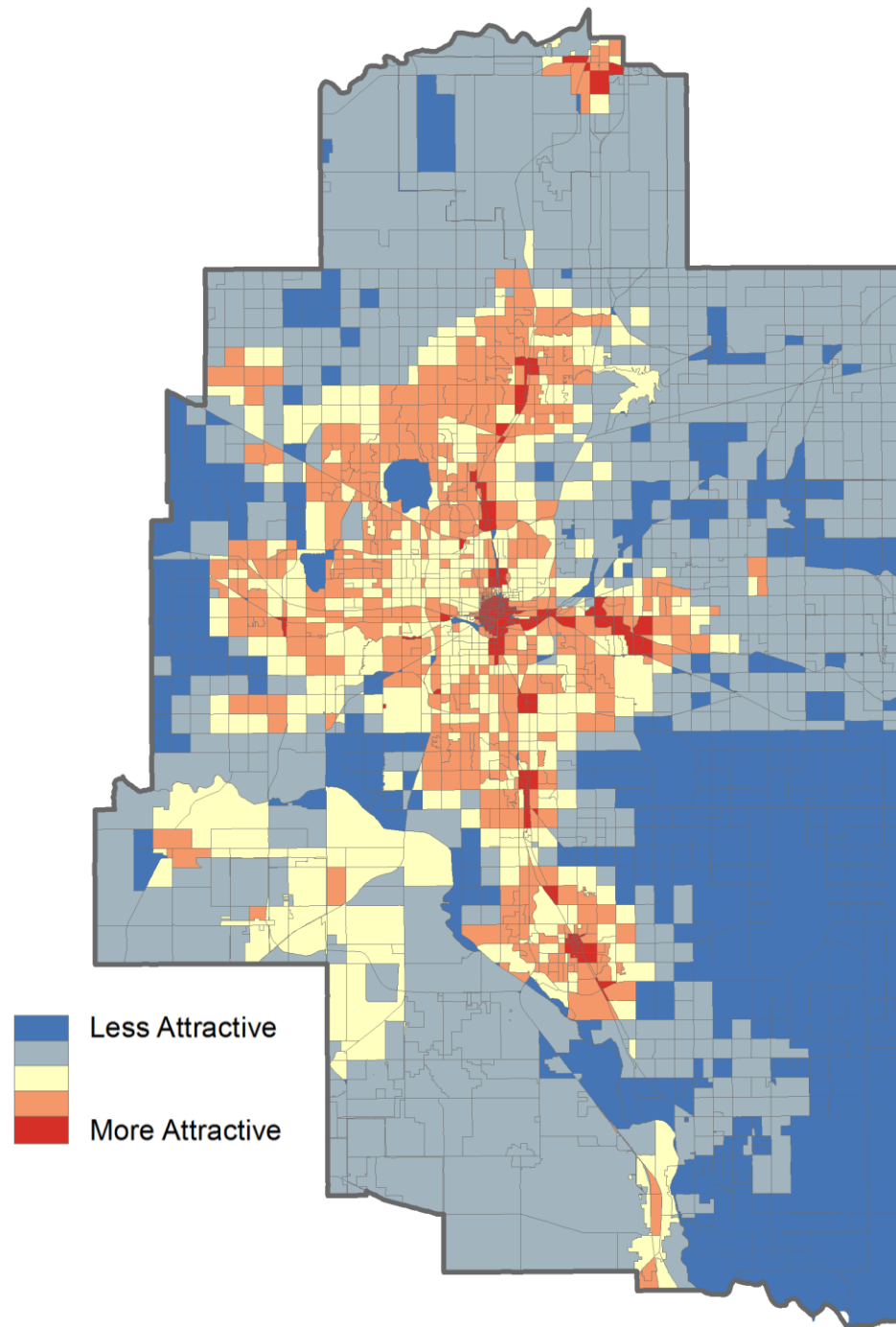
Land Suitability Analysis: Attractiveness

| Attractiveness | Scenario 1 | Scenario 2 |
|---|------------|------------|
| Schools | ✓✓✓ | ✓ |
| Current Trends | ✓✓✓ | ✓ |
| Downtowns | ✓ | ✓✓✓ |
| Redevelopment Areas | ✓ | ✓✓✓ |
| Transit Oriented Developments | | ✓✓✓ |
| Utilizes Existing Service Area Boundary | ✓ | ✓✓✓ |

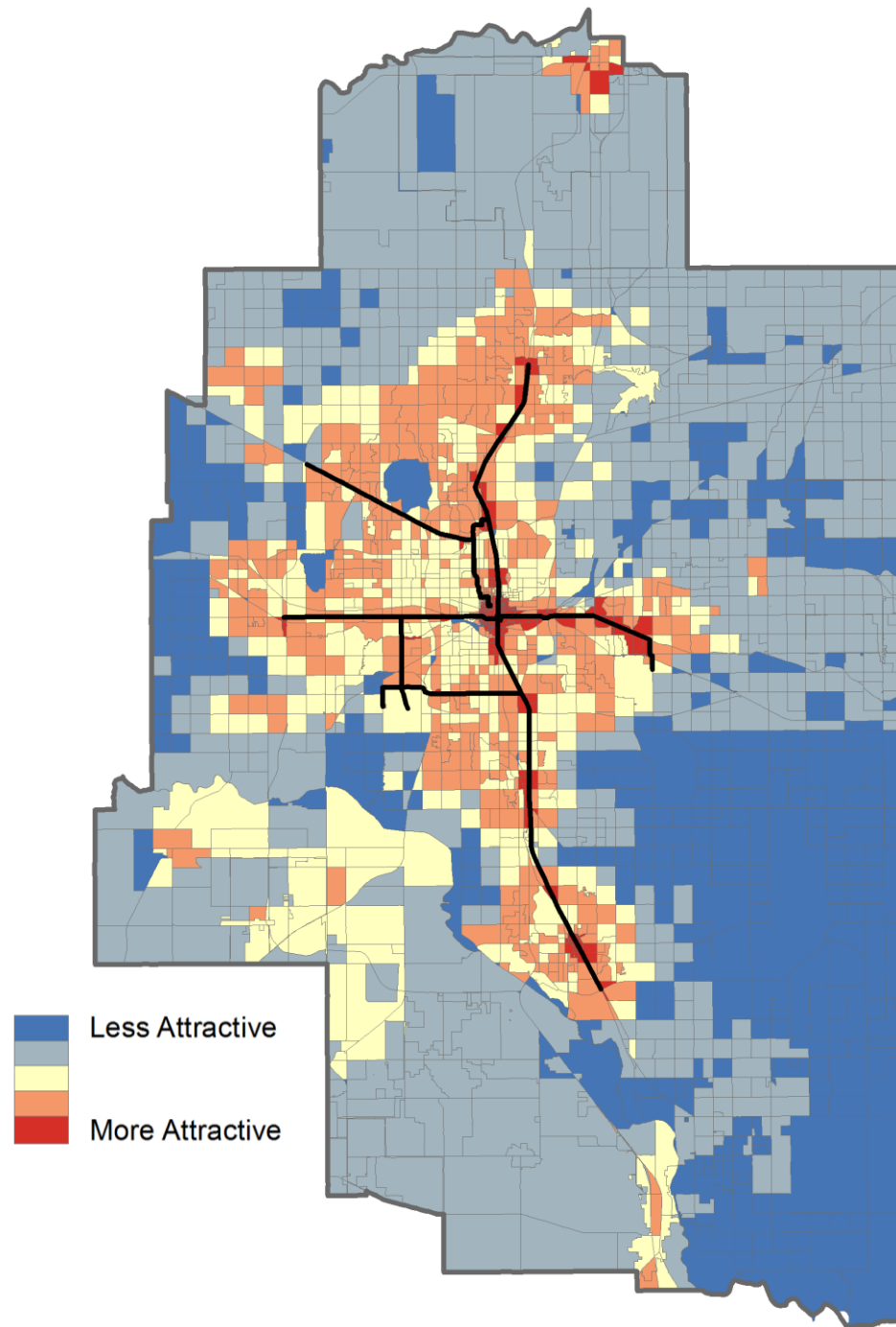
Residential Attractiveness (Scenario 1)



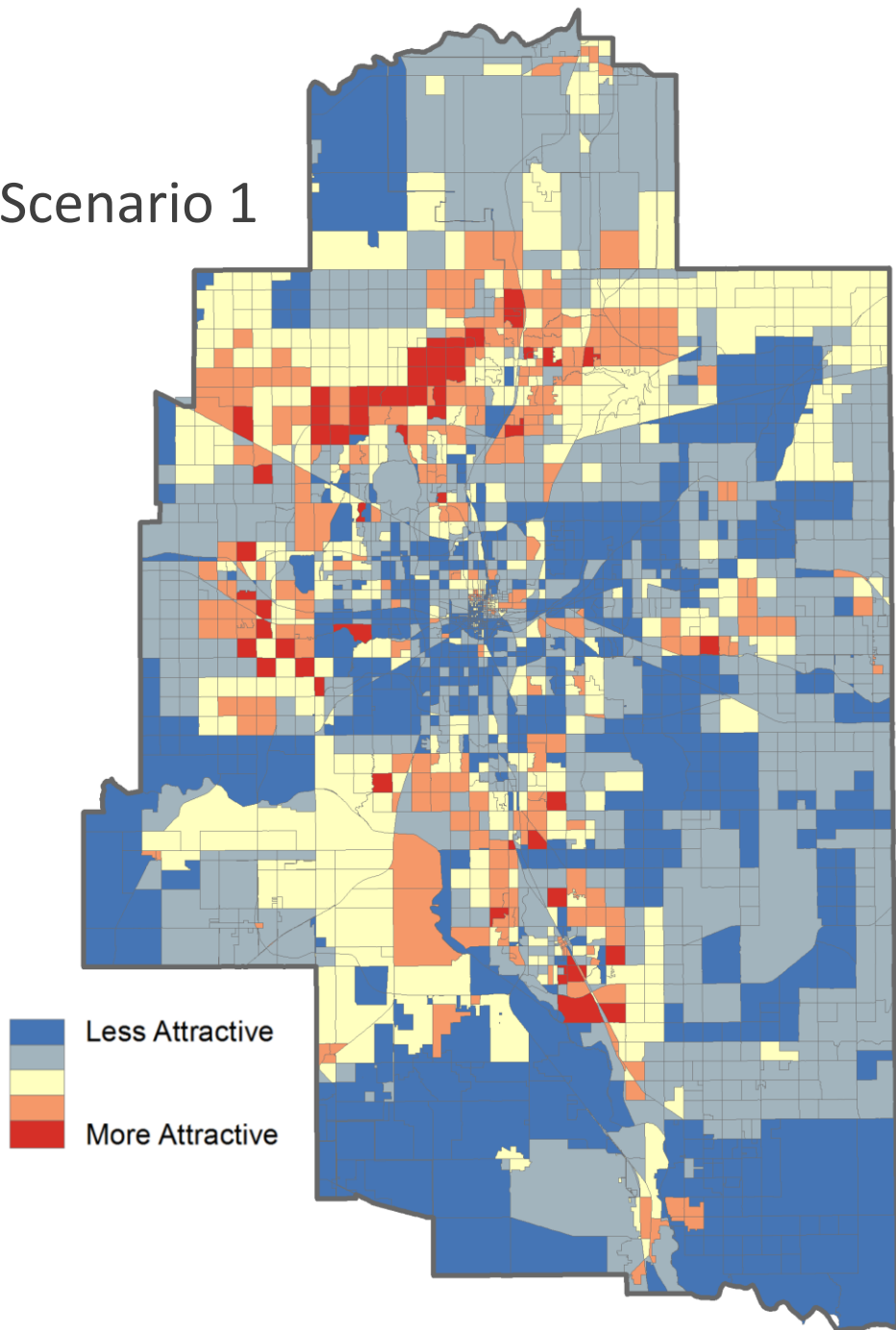
Residential Attractiveness (Scenario 2)



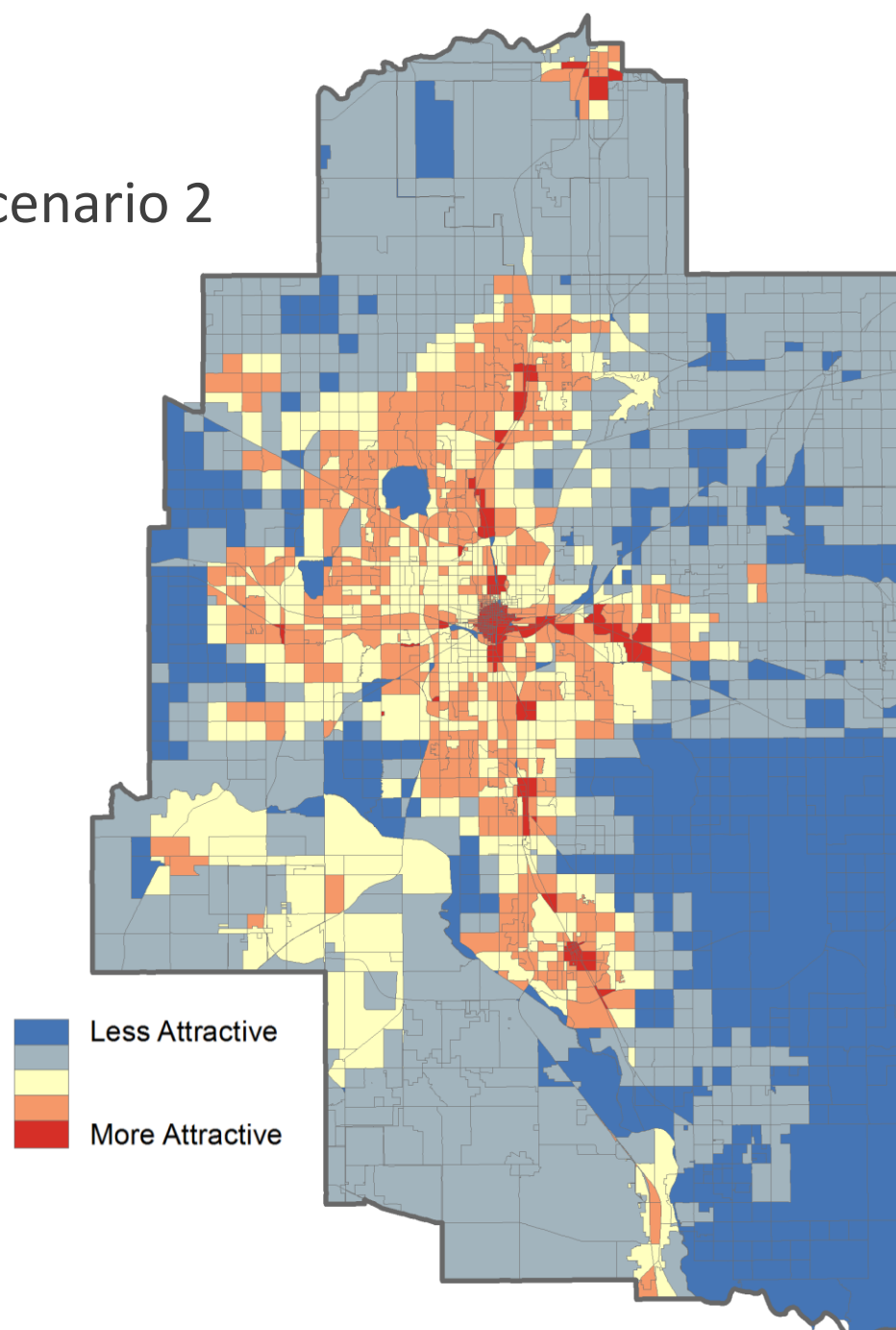
Residential Attractiveness (Scenario 2)



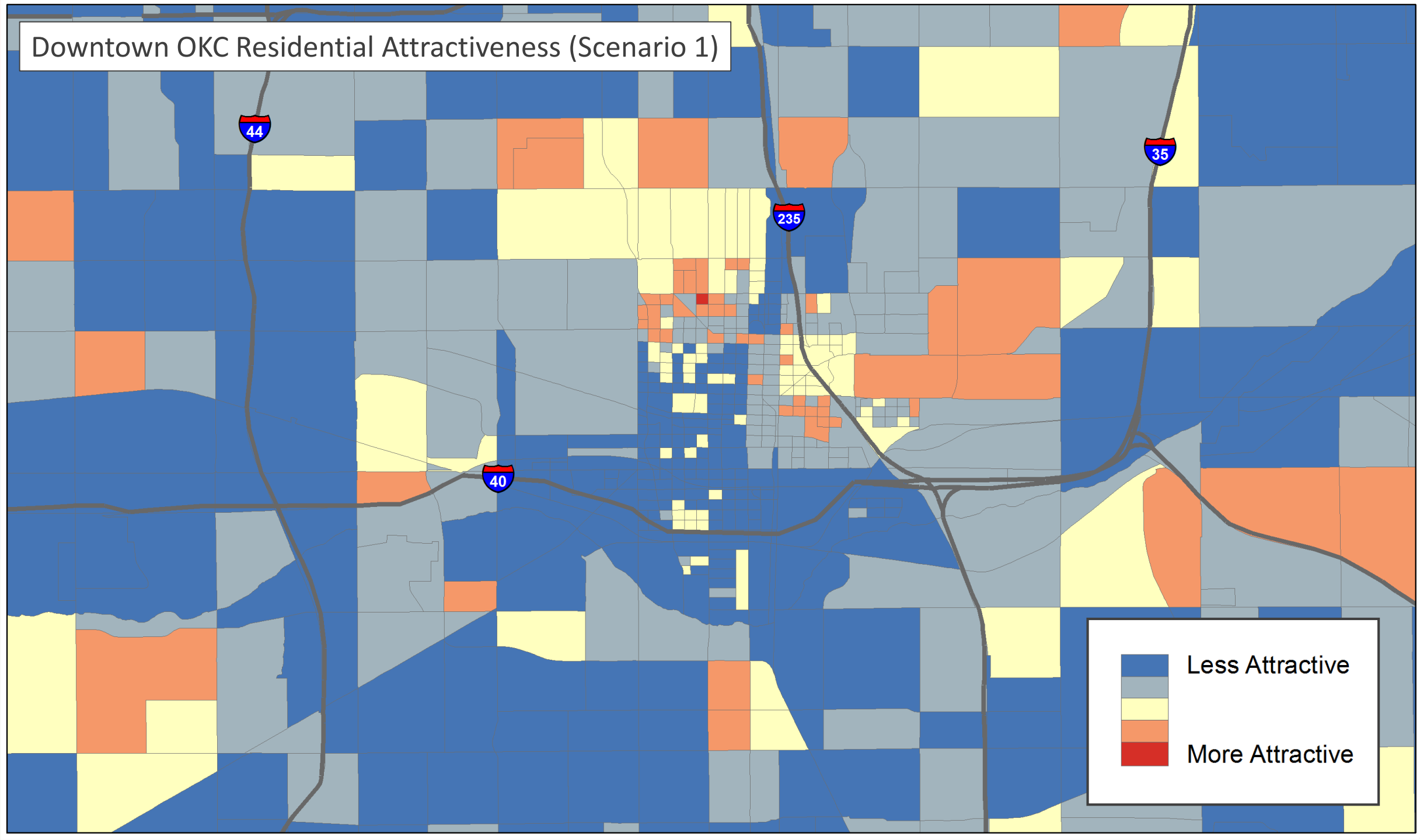
Scenario 1



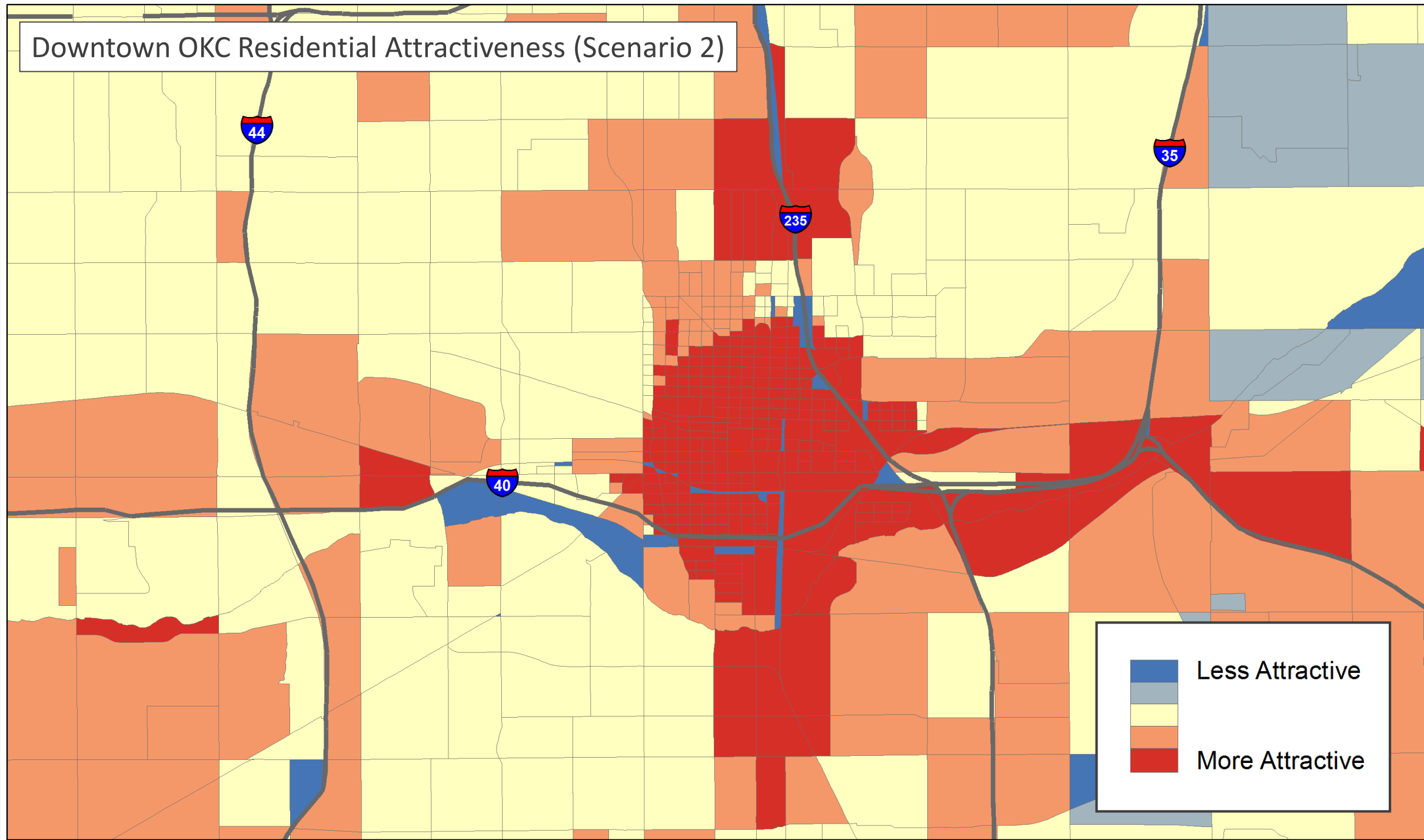
Scenario 2

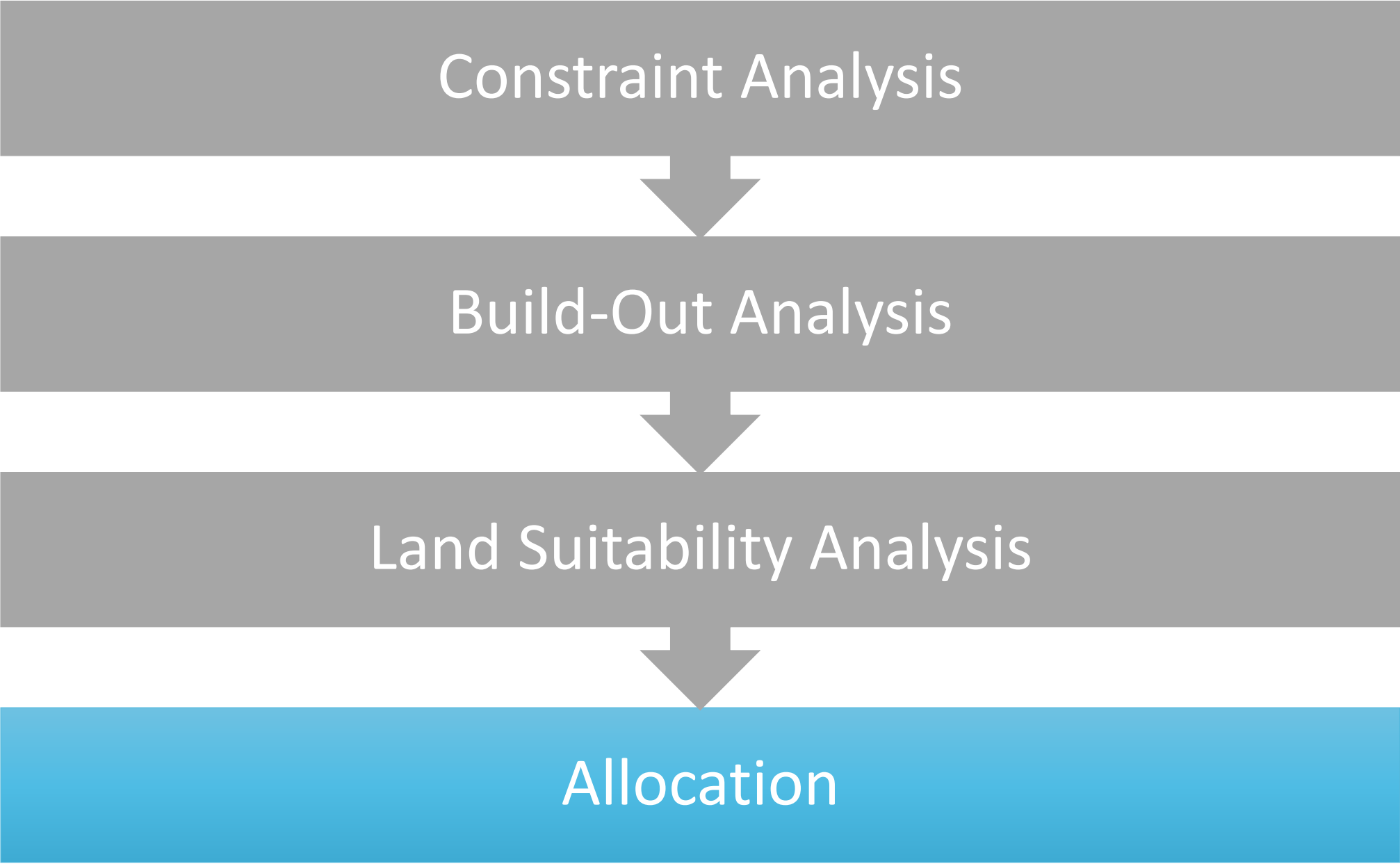


Downtown OKC Residential Attractiveness (Scenario 1)



Downtown OKC Residential Attractiveness (Scenario 2)



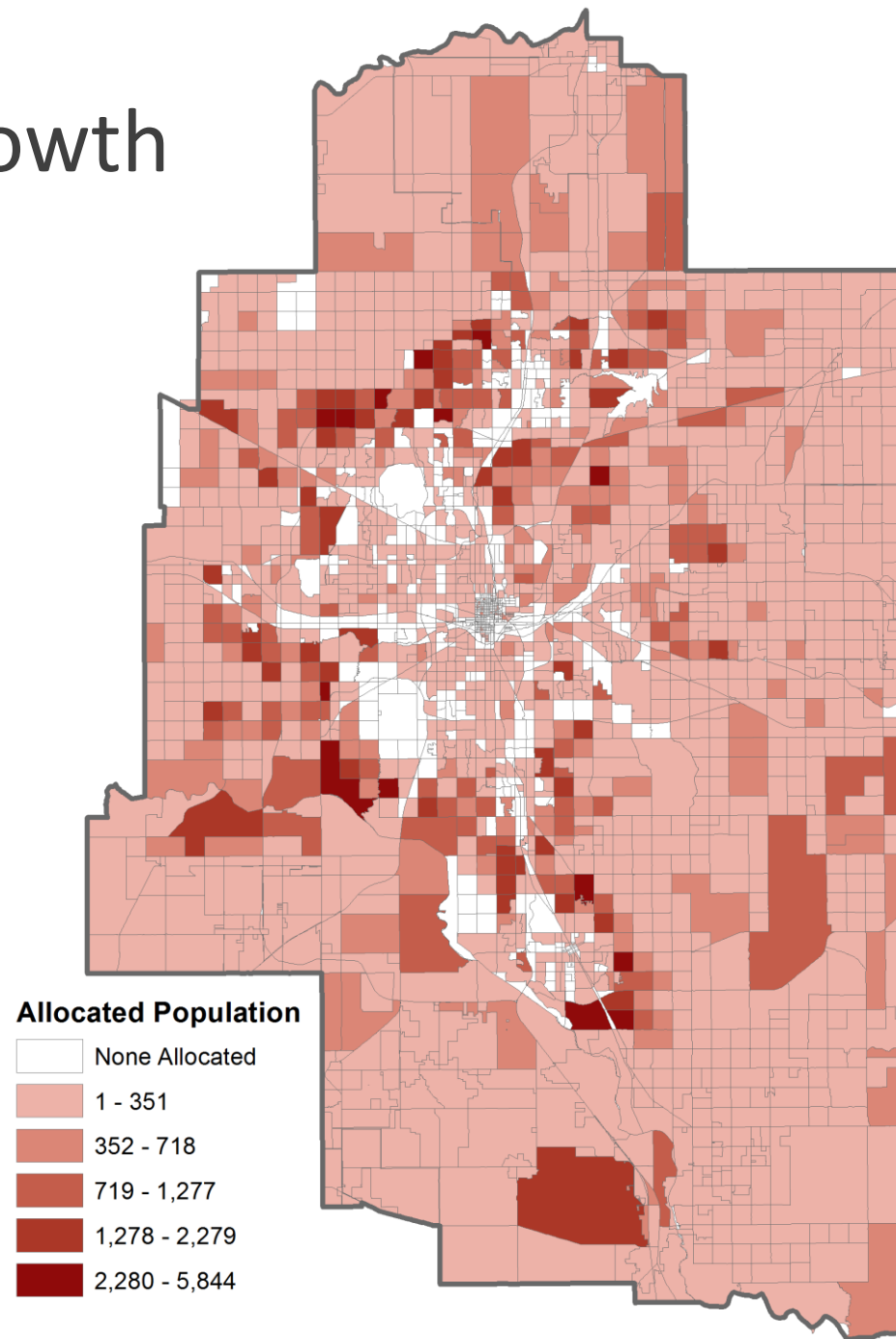


Residential Growth Allocation

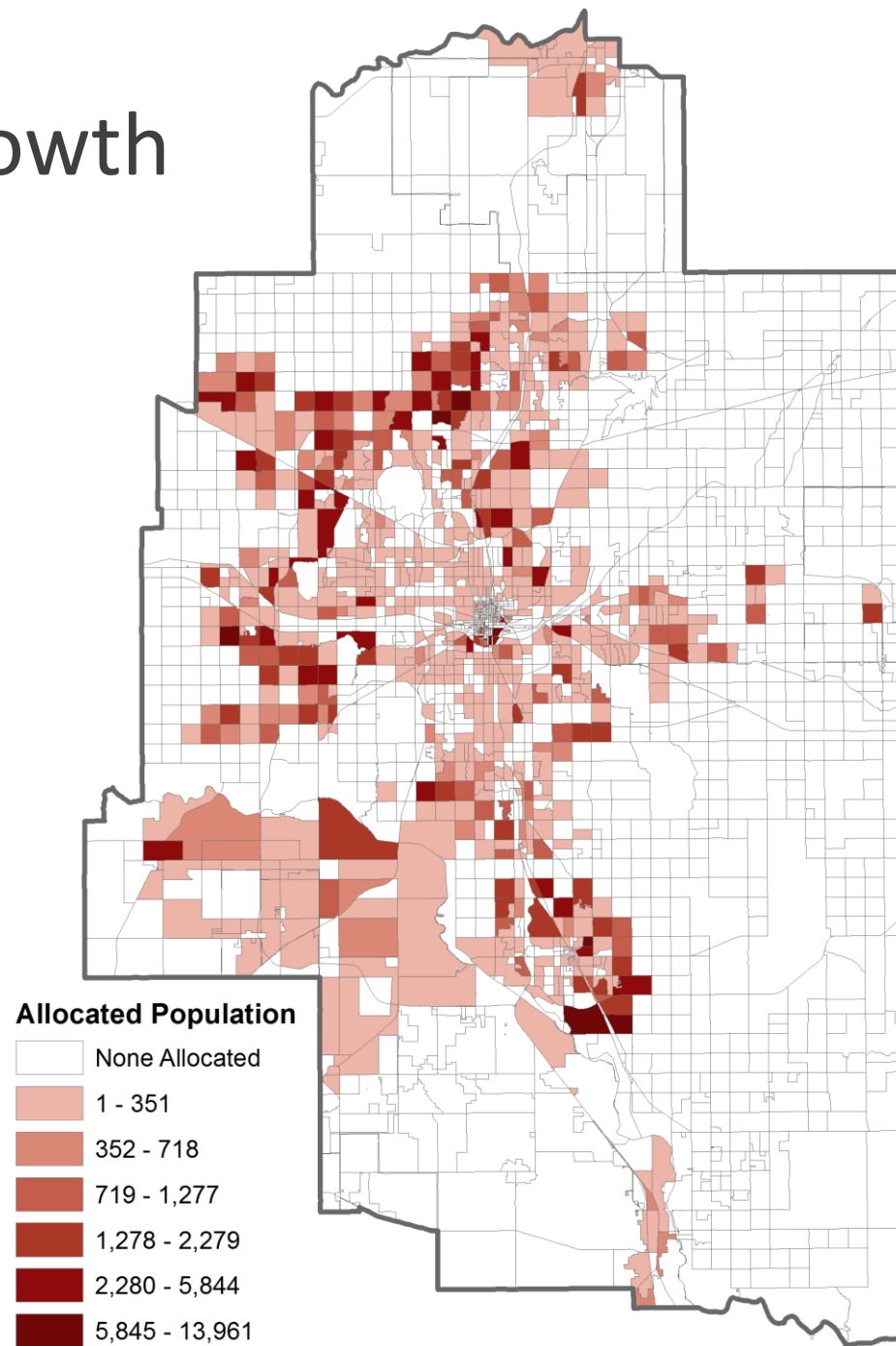
- Future development capacity
 - Constrained land
 - Development characteristics
- Land Suitability Analysis attraction scores
- Population control totals
 - OCARTS, county
- Land use received from each community



Residential Growth Allocation (Scenario 1)

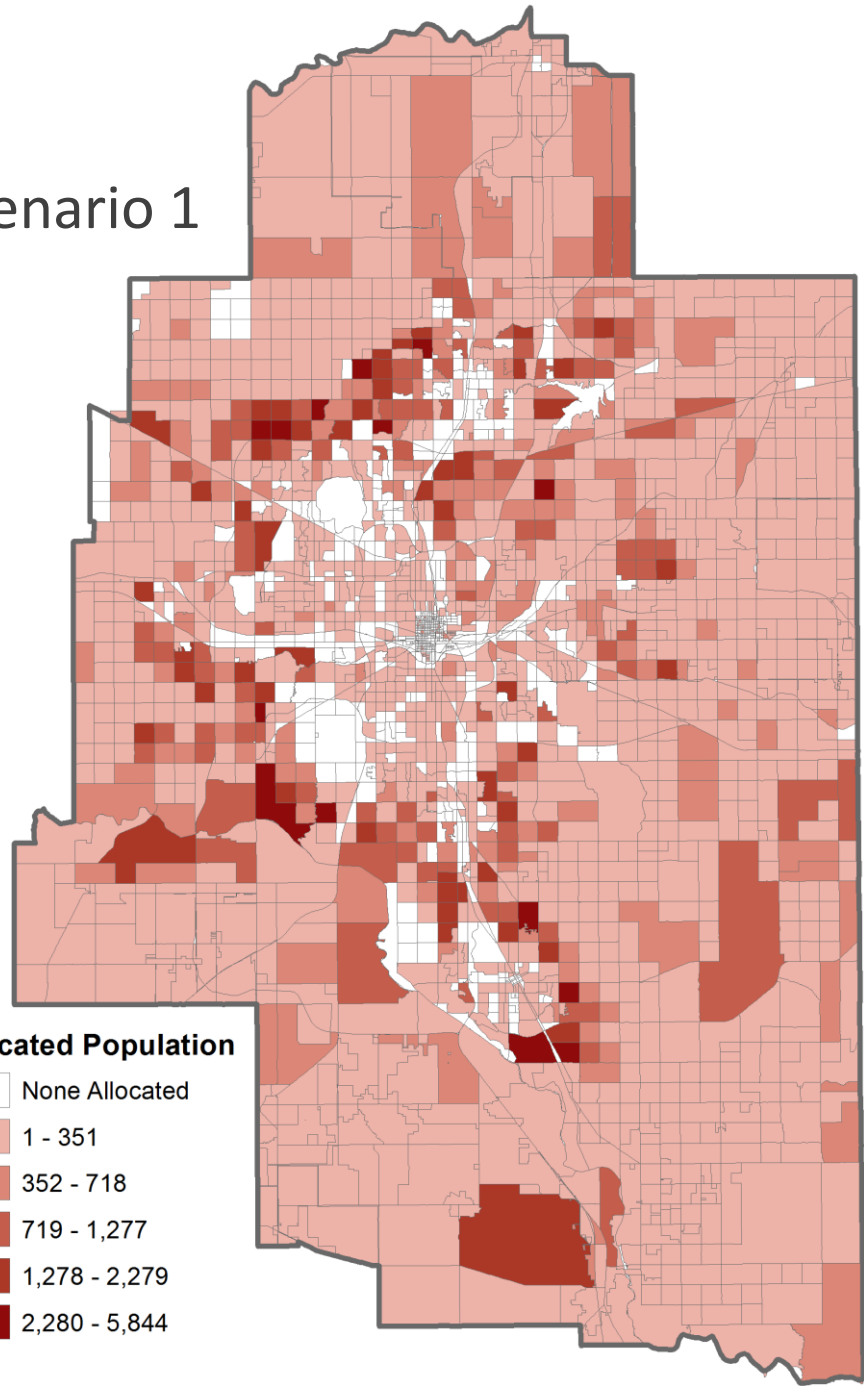
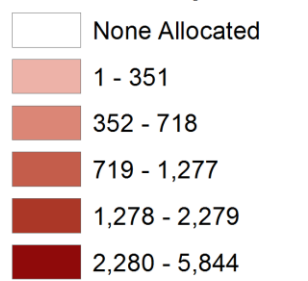


Residential Growth Allocation (Scenario 2)



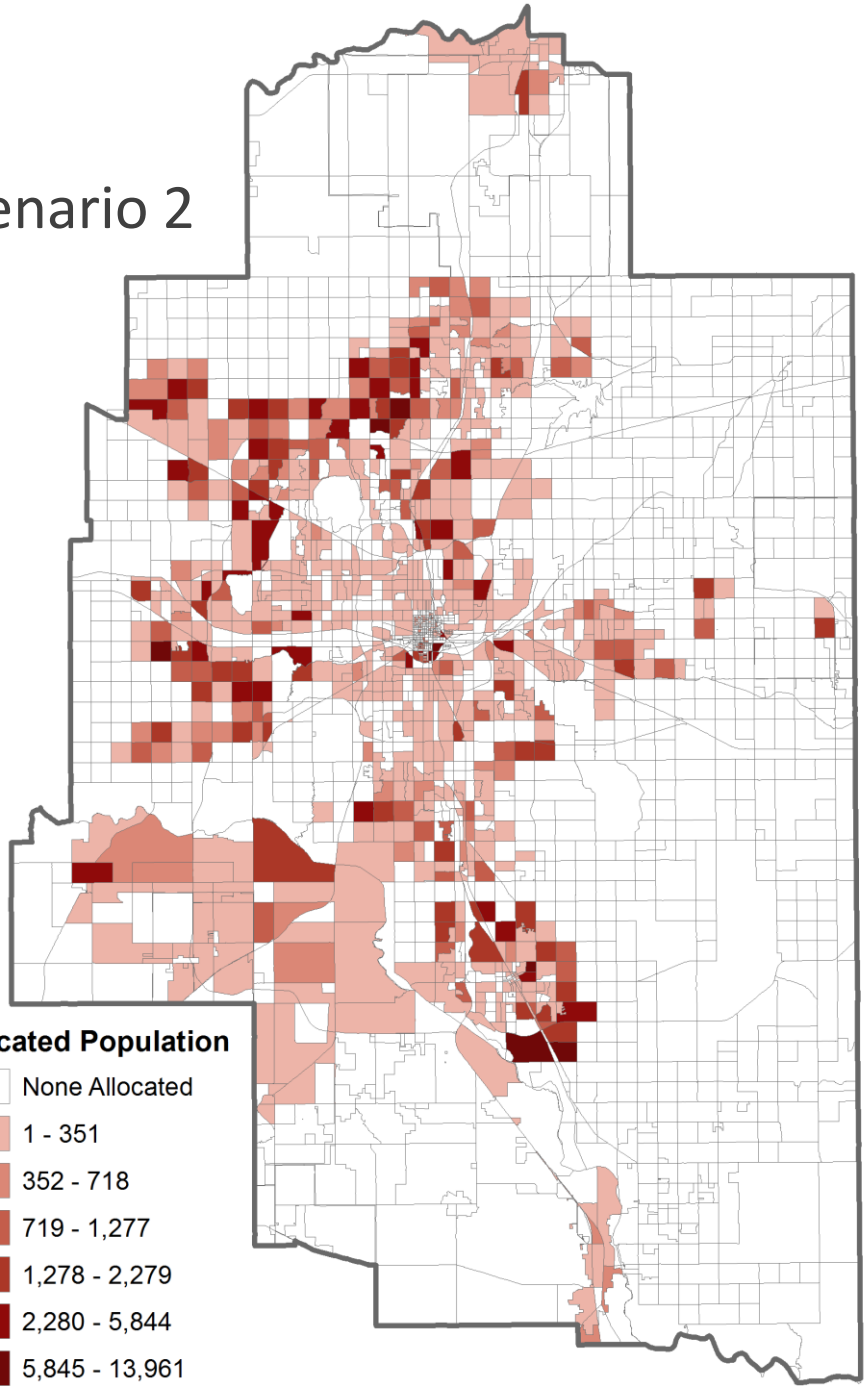
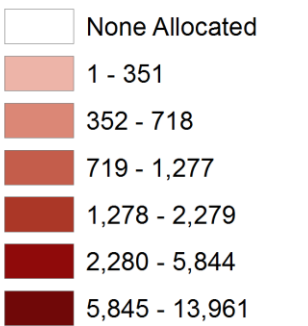
Scenario 1

Allocated Population

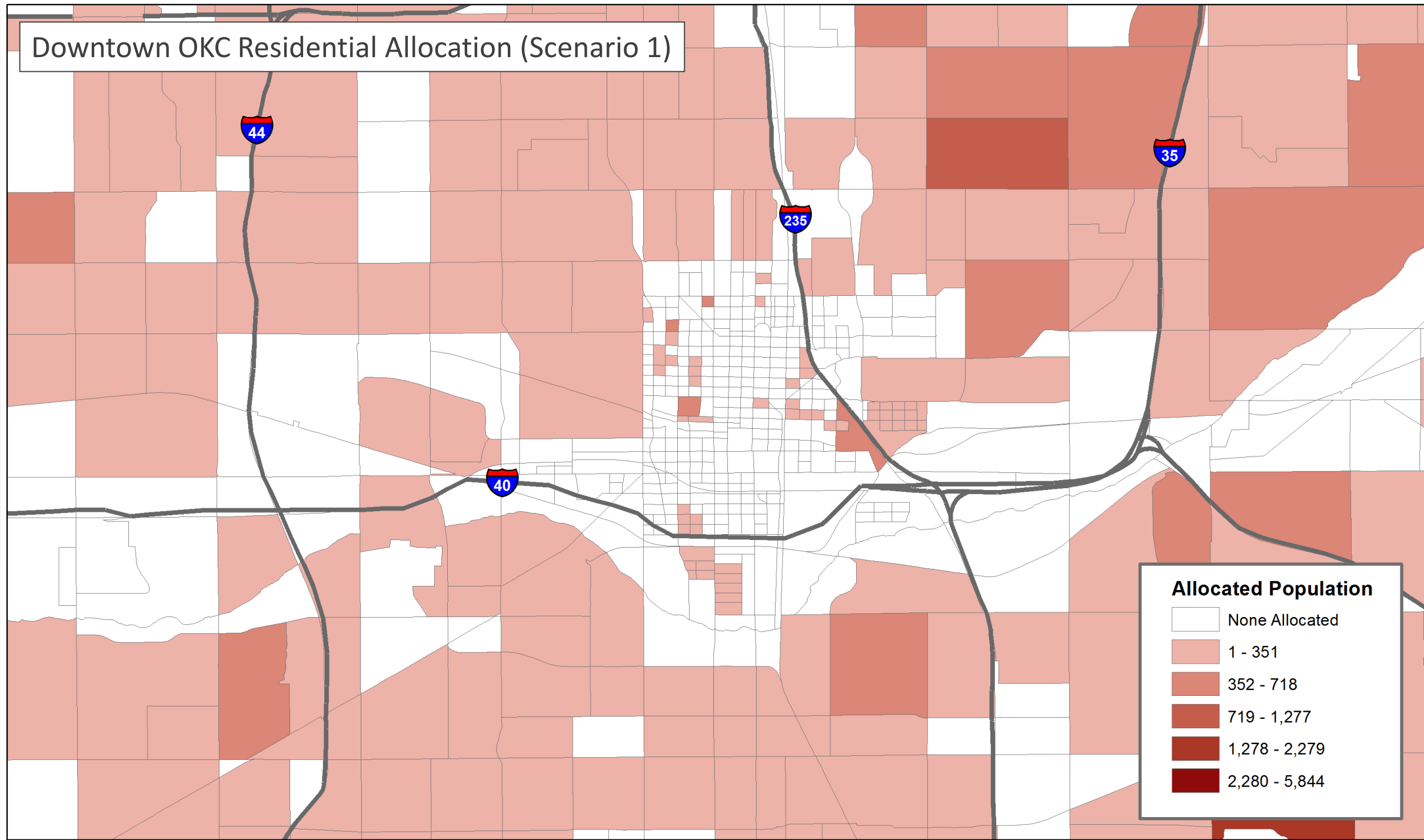


Scenario 2

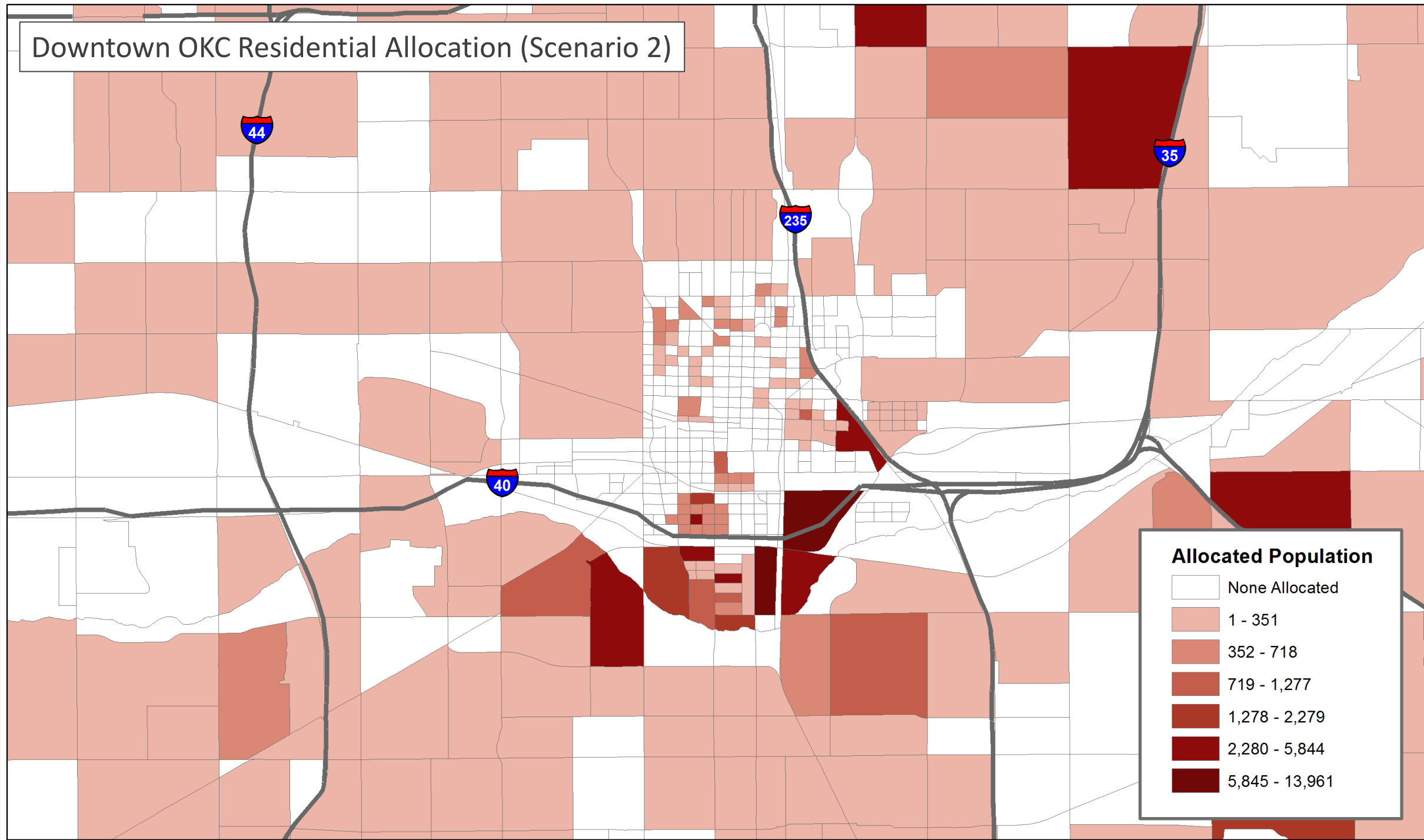
Allocated Population



Downtown OKC Residential Allocation (Scenario 1)



Downtown OKC Residential Allocation (Scenario 2)



Employment Growth Allocation

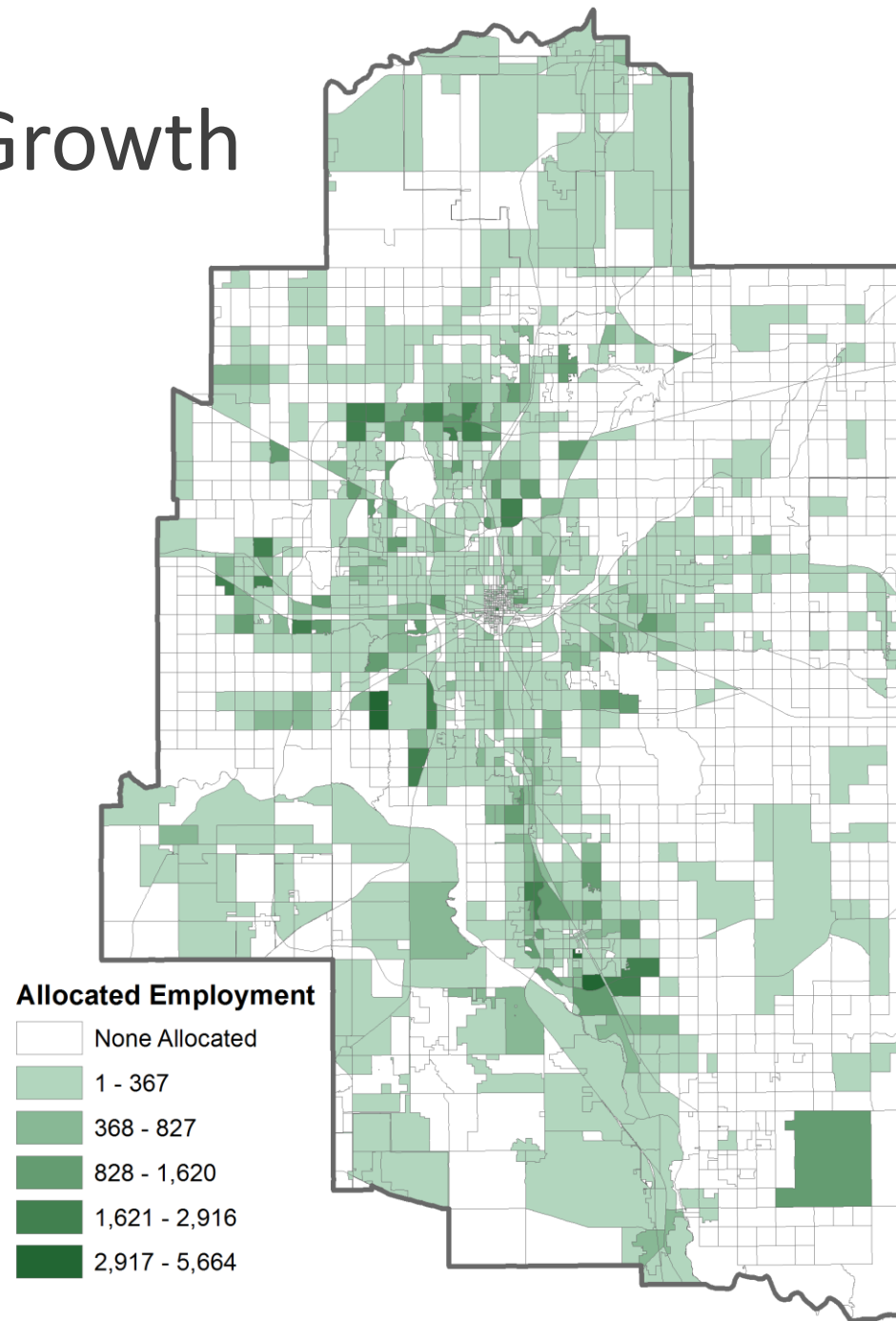
- Future development capacity
 - Constrained and Developable Areas
 - Same as residential growth
 - Development characteristics
- Land Suitability Analysis attraction scores
 - Different for each employment land use type (Commercial, Office, Industrial, Public)
- Employment control totals
 - OCARTS, county, COIP
- Land use received from each community



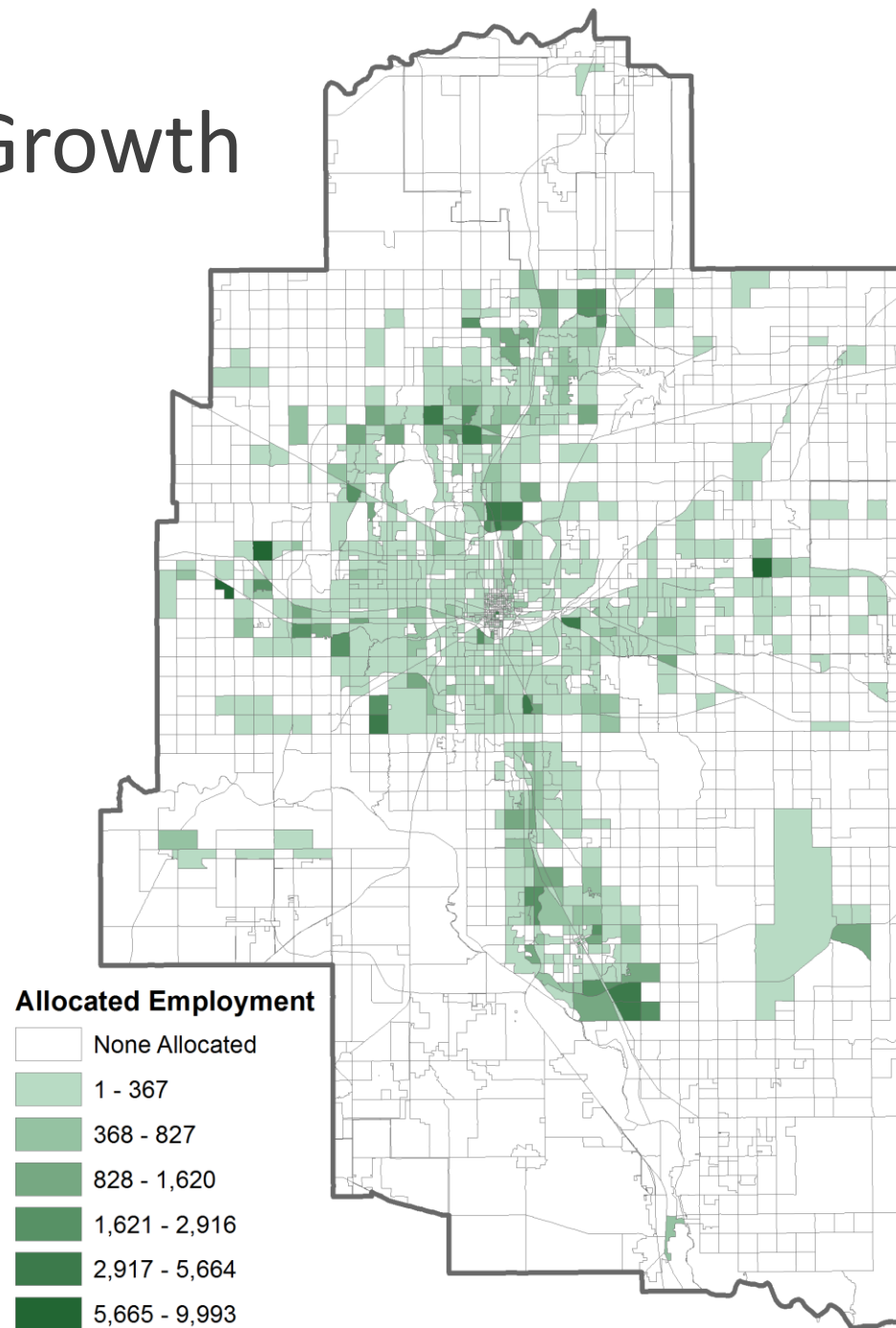
Employment Attractiveness

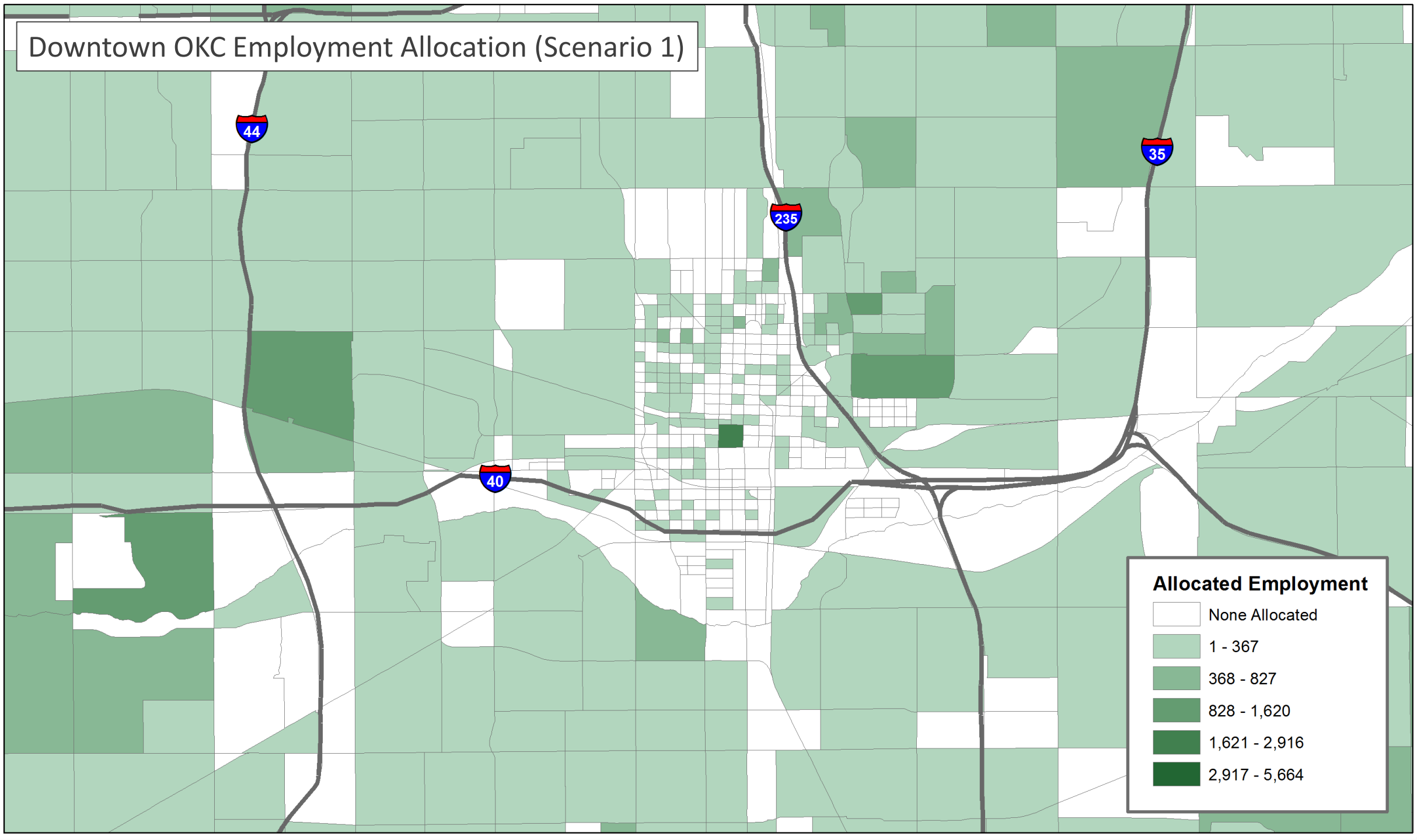
| Component | Commercial | Office | Industrial | Public |
|---|------------|--------|------------|--------|
| Highway proximity (or network proximity) | ✓ | | ✓✓✓ | |
| Proximity to like land use | ✓ | ✓ | ✓ | ✓ |
| Proximity to complementary land uses | | | | ✓ |
| Downtown | ✓✓ | ✓✓✓ | | ✓✓ |
| Airport proximity | | | ✓ | |
| Acreage available | | | ✓ | |
| Existing service area boundary | ✓✓✓ | ✓✓✓ | ✓✓ | ✓✓✓ |
| Employment density (total and/or by land use) | ✓ | ✓ | ✓ | ✓ |
| Population density (2010) | ✓ | | | |
| Future population (based on 2040 allocation) | ✓✓✓ | | | ✓✓ |
| Occupied housing units | ✓ | | | |
| Transit Oriented Developments | ✓✓✓ | ✓✓✓ | | ✓✓✓ |

Employment Growth Allocation (Scenario 1)

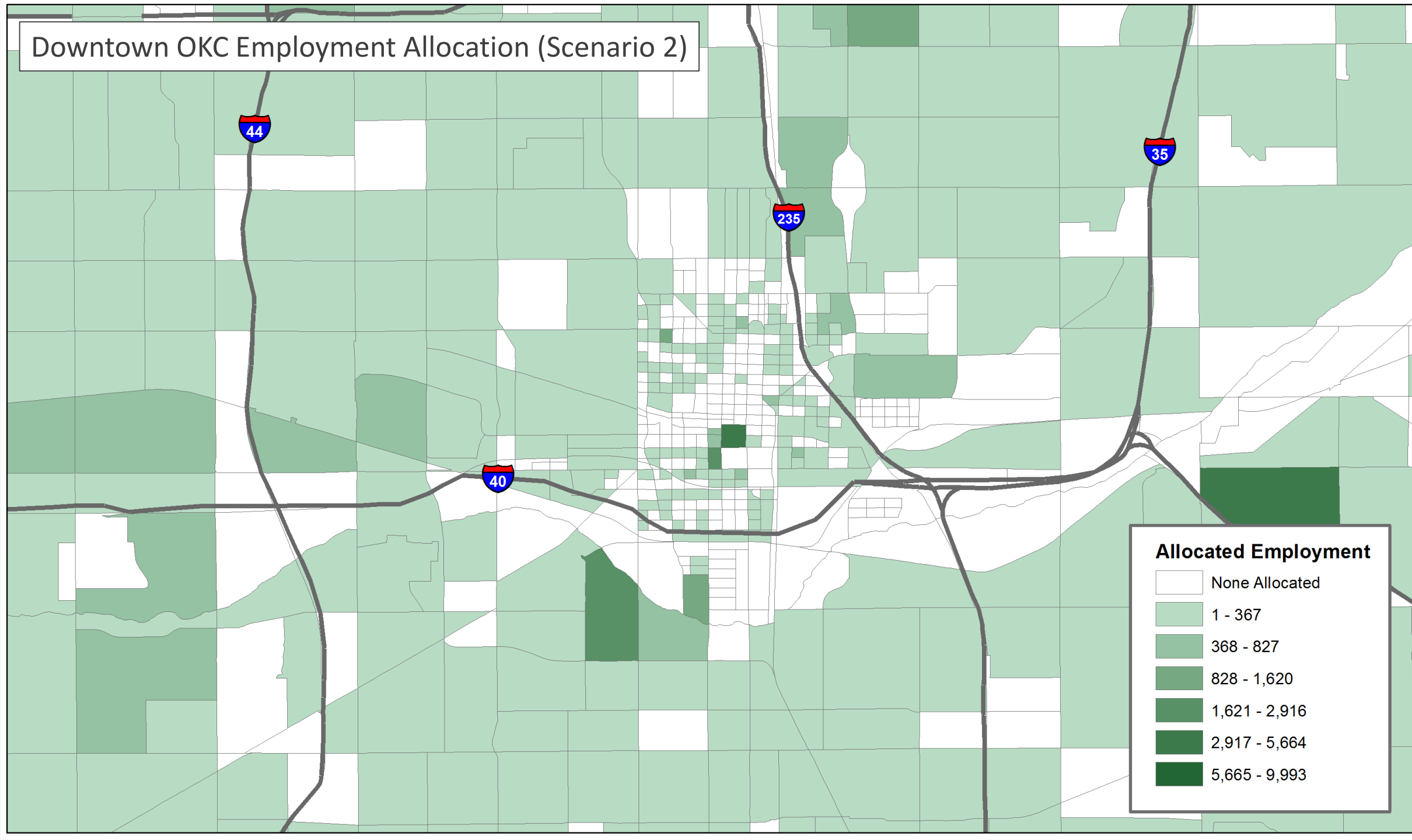


Employment Growth Allocation (Scenario 2)





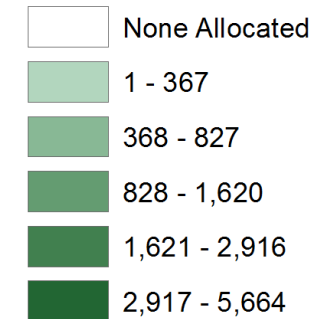
Downtown OKC Employment Allocation (Scenario 2)



Downtown OKC Employment Allocation (Scenario 1)

14,902 Jobs

Allocated Employment



Downtown OKC Employment Allocation (Scenario 2)

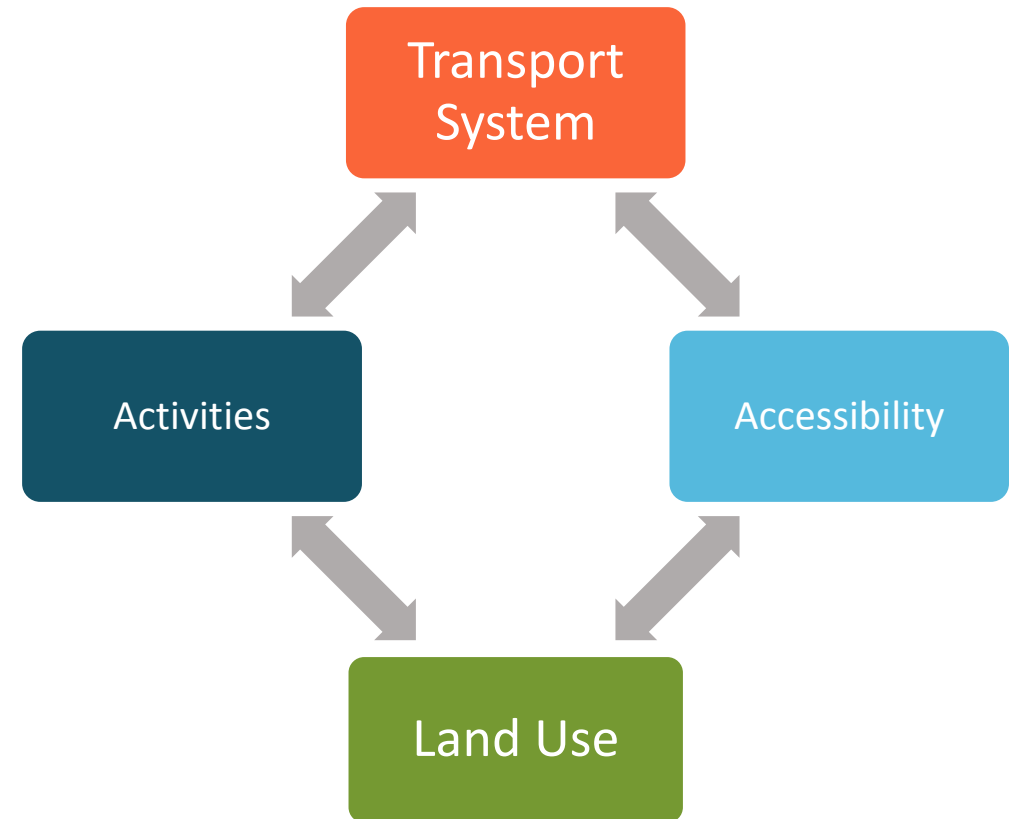
25,335 Jobs

Allocated Employment

- None Allocated
- 1 - 367
- 368 - 827
- 828 - 1,620
- 1,621 - 2,916
- 2,917 - 5,664
- 5,665 - 9,993

Status of Encompass 2040 Scenarios

- ☒ Data Collection and Model Inputs
- ☒ Scenario 1
- ☒ Scenario 1 TDM Alternate 1
- ☐ Scenario 1 TDM Alternate 2
- ☒ Scenario 2
- ☐ Scenario 2 TDM Alternate 1
- ☐ Scenario 2 TDM Alternate 2
- ☐ Scenarios Evaluation and Feedback
- ☐ Scenario 3



Questions?

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