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# Suitable Areas for Refugees to Live



By Jonathan Walrath

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# Where Should Refugees Live

- Objective:
    - To find the best suitable area in the Seven County Metro Area for newly arriving refugees to live.
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# How Did I Do This

- Researched the Problem
    - What Refugees need.
    - Where these needs come from
  
  - Analyzed the Problem
    - Types of Data
      - Medical
      - Education
      - Transportation
      - Housing
      - Employment/Income
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# Data

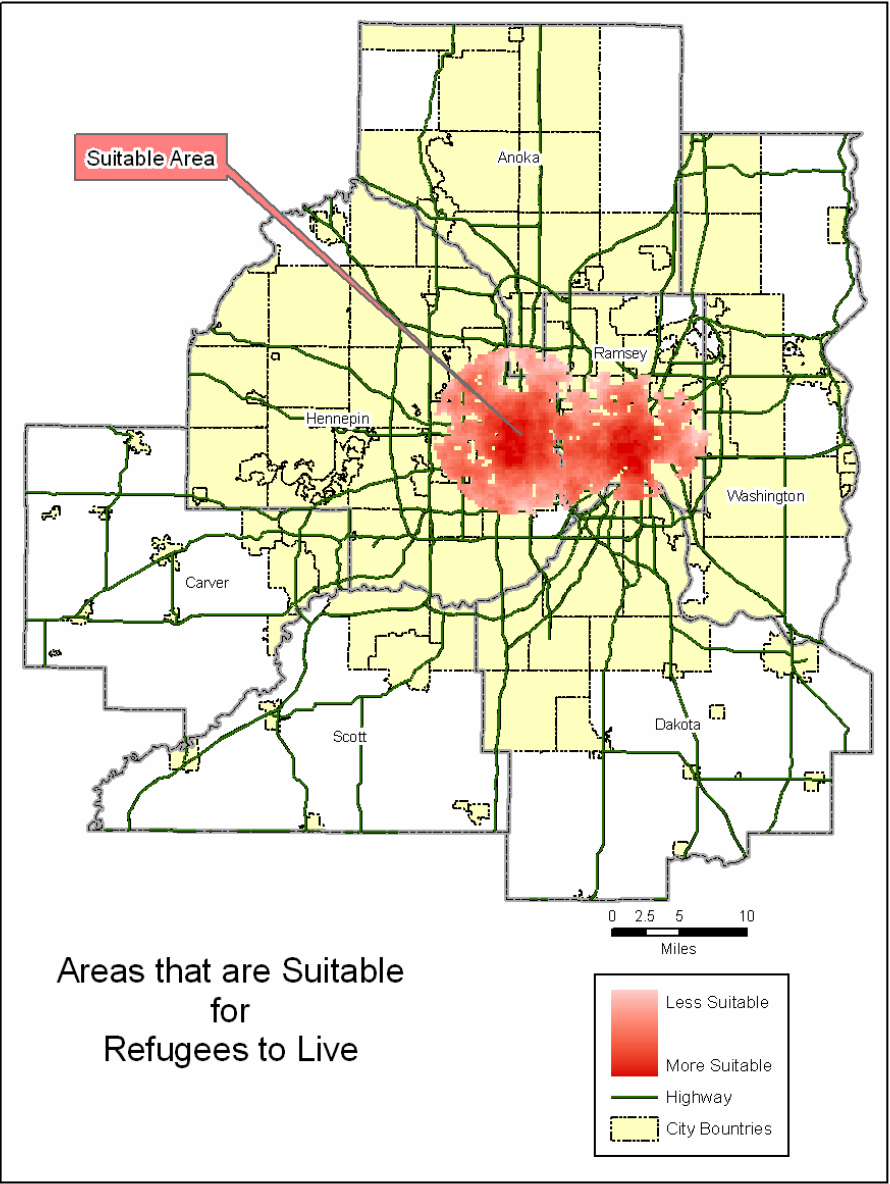
## ■ Sources

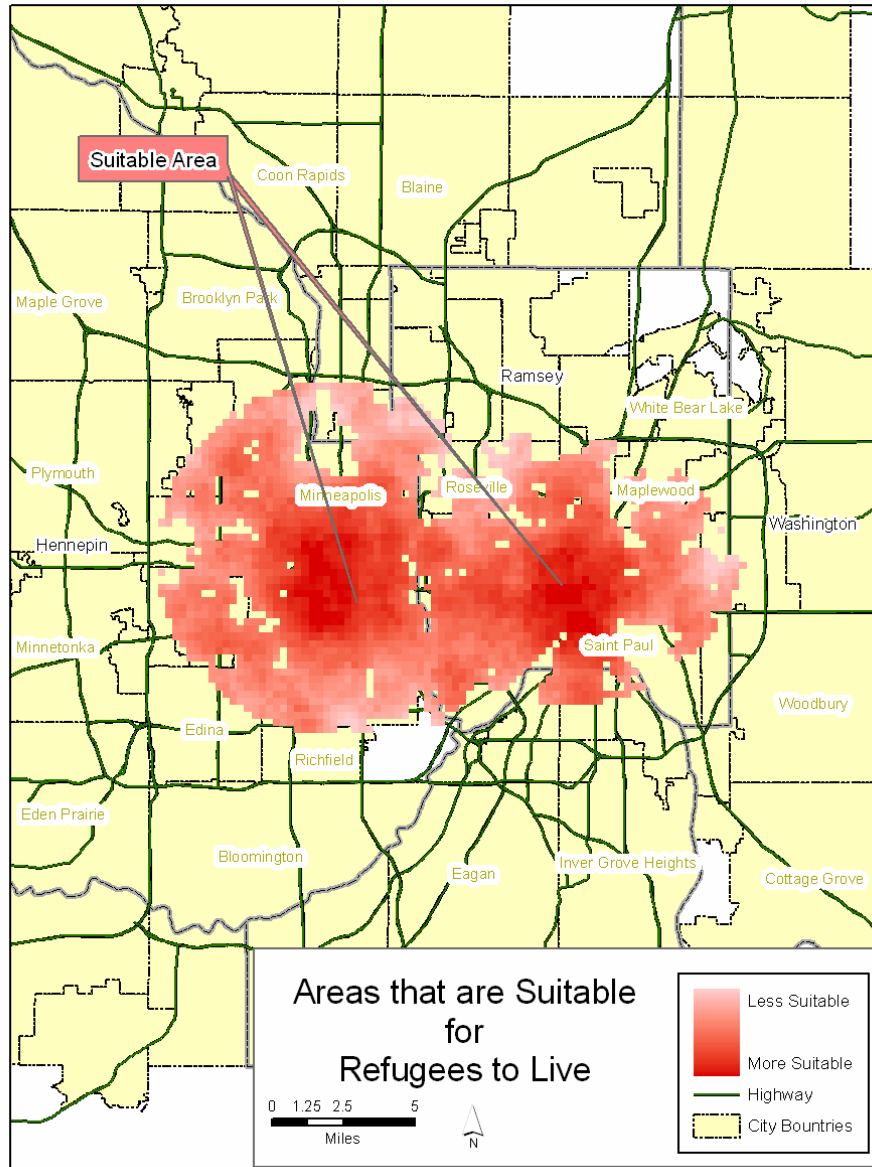
- Reference USA
  - The Lawrence Group
  - Census Data
  - ESRI
  - Minnesota and United States Government Websites
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# Data Analysis

- Collection of Data
  - Change Tables into DBF Format
  - Display X,Y Coordinates & Make Points into Shapefiles
  - Add Centerpoints of Metro Blockgroups
  - Define Projections
  - Clip all Shapefiles to Seven County Metro Area
  - Use Spatial Analyst to Find Straight Line Distance of all Clipped Shapefiles
  - Reclassify all Shapefiles
  - Use Raster Calculator to find out where all of the Attributes converge
  - Import Misc. Data
  - Create Output Data (Map Layout)
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# Conclusion

- **Problems to Solve?**

- Find Data on Recent Refugees to find what their specific needs are.
- Take area that is Suitable and use smaller area to add other factors
  - Grocery Stores
  - Local Government Office
  - Etc.

- **Project Better/Additions?**

- Do this for more then Twin Cities
- Find Vacant Rental Units
- Find Vacant Land to Build Infrastructure
- Take into account that People can not live on water or roads

- **Questions?**

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