

Group Name : TRG Group

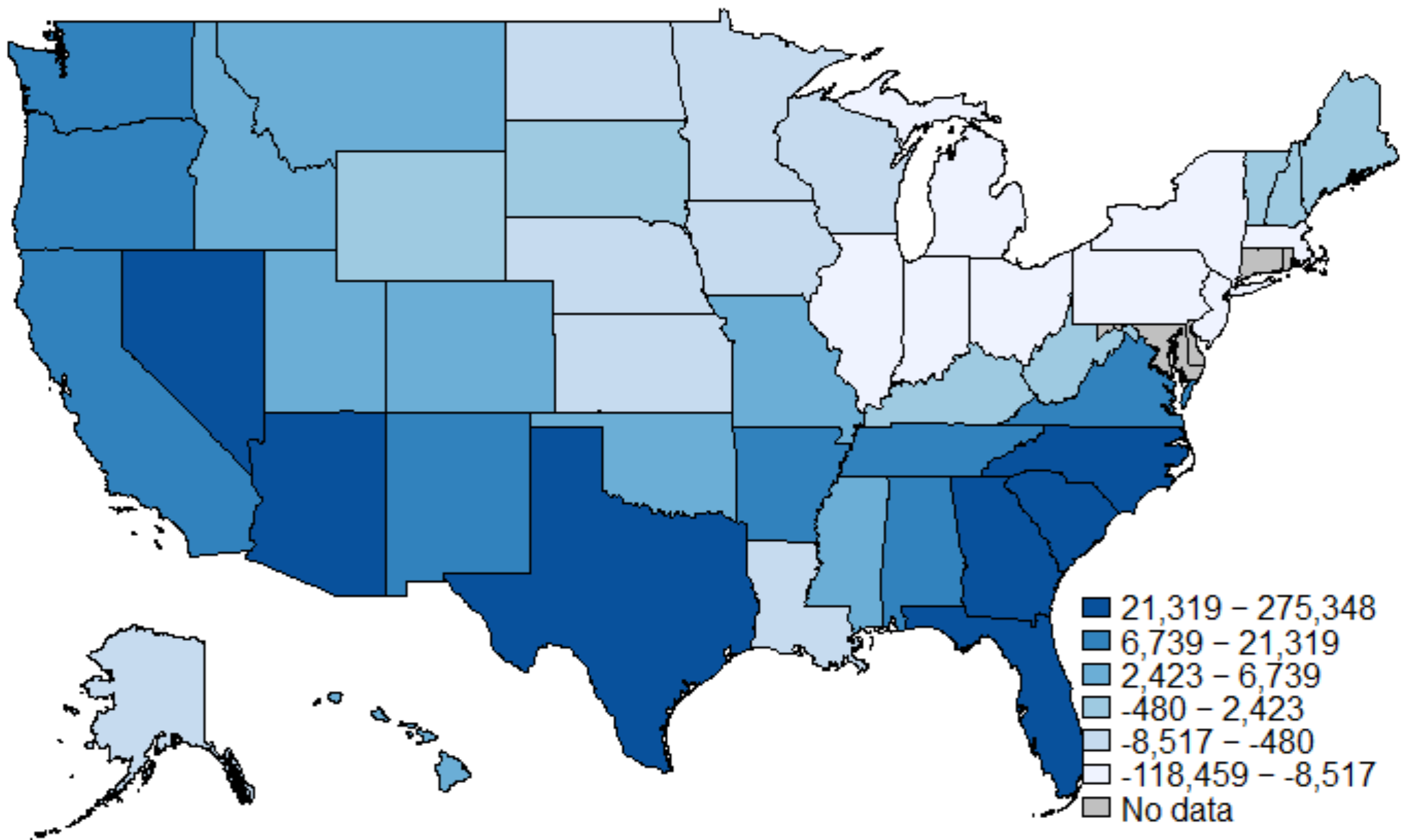
**Baby Boomers:
Happy Retirement !**

CAPP 30122
18 Winter Quarter
Project Proposal

Motivation

- ❖ Baby boomers gradually retired in recent years (15% of population aged 65+)
- ❖ Factors (such as taxes, life costs, etc.) start to play more important roles in their residential decision-making
- ❖ Facilitate a happier retirement life for baby boomers

Current Situation



Data Source: Census Bureau 2000 PUMS 5% Data, Gathered from AARP Knowledge Management

Main Goal

- ❖ Design a post-retirement residential / migration recommendation system
- ❖ Provide a tailor-made recommendations based on user's preference

Data Source

- ❖ We will combine a comprehensive list of county-level databases, the details are as follows:

Database Name
American Community Survey (ACS) Data
American Environmental Protection Agency (EPA) Daily Air Quality Index dataset
US Geological Survey (USGS) water quality data Current/Daily data
North American Transportation Atlas Data (NORTAD) CD (DOS and Unix)
Uniform Crime Reporting Data

Major Tasks

- ❖ Transform Longitude-latitude Information to Location
- ❖ Geographical information analysis using GIS
- ❖ Data structure design
- ❖ Database construction

Major Tasks

- ❖ Network analysis
- ❖ Recommendation algorithm
- ❖ Interface design and implementation

Timeline

- ❖ Data Collection — Feb, 15th
- ❖ Data Analysis — Mar, 1st
- ❖ Finish Project — Mar, 8th