Assignment 2: CRP 566

Evaluating Regional Occupational Characteristics

10 Points: Due in Class 30 Sept 2015

For this assignment, you will have to use the Census Bureau’s data sources (census.gov). Rummage around and practice using the advanced search option for American FactFinder under Data / Data tools and Apps on the main page.

Part 1. You are to use American Community Survey data for your county to evaluate the county’s comparative advantages or disadvantages in terms of

- Industrial composition
- Occupational composition
- The education level of your population ages 25 and over

You will use a location quotient analysis to do this, and you will use the State of Iowa as your reference base for determining your local county location quotients.

You will use the following table (DP03) using the 5-year estimates for both the state and your county for the industrial and the occupational composition LQs.

![DP03 Table](image)

You will use the following table (S1501) using the 5-year estimates for both the state and your county for the educational attainment LQs.

![S1501 Table](image)

You will produce tables of your findings, and you will produce at least a one page summary of the results. Your summary should contain some insights into the consequences of your county’s industrial, occupational, or education achievement advantages or disadvantages.

Part 2. You are to use On the Map (as part of the census.gov web site) to analyze the characteristics of your area demand for workers in both the main community in your county and in your county. I want an analysis of inflow and outflow of workers. That means analyze (at least) the top 10 places that people come from to work in your city / county and the top 10 places persons in your city / county that people travel to for work.

You will produce a table (or tables) of your findings, and you will produce at least a one page summary, in addition to all supporting tables or graphics, of your city’s and county’s employment characteristics. It is most important for me to understand the dynamics of worker flows, not, for example, education
levels or other details of in- or out-going workers. Give me the big picture, and place your city and your county into some type of regional context.

In On the Map, you start by

- Entering the name of your town or the name of your county
- Choose the city or the county from the suggested list
- Click on Perform Analysis of the Selected Area in the middle of the map once your geography comes up.
- Next do an Inflow/Outflow analysis for primary jobs or total jobs (your choice which level, but keep it consistent)
- When you are done with that, click Change Settings
- Click on Destination and choose the level (Places or Counties). The picture below tells us where people live who work in your chosen destination (city or county). If you change the Home/Work Area option (to the left) to Home, it will tell you where everyone who lives in your chosen geography goes to work. Click GO.

After this you are on your own. Just remember that after Inlow/Outflow, you are only toggling Destination (by Places or Counties) and Home/Work Area. If you want to analyze more, you are welcome, but doing a good job on the basics will get you full points. Over-complicating the analysis will likely detract from your score.

Hand in both parts 1 and 2 as completed documents. You are welcome to send me the documents as email attachments, or you can hand them in.