



REDEFINING NEBRASKA'S ECONOMIC REGIONS

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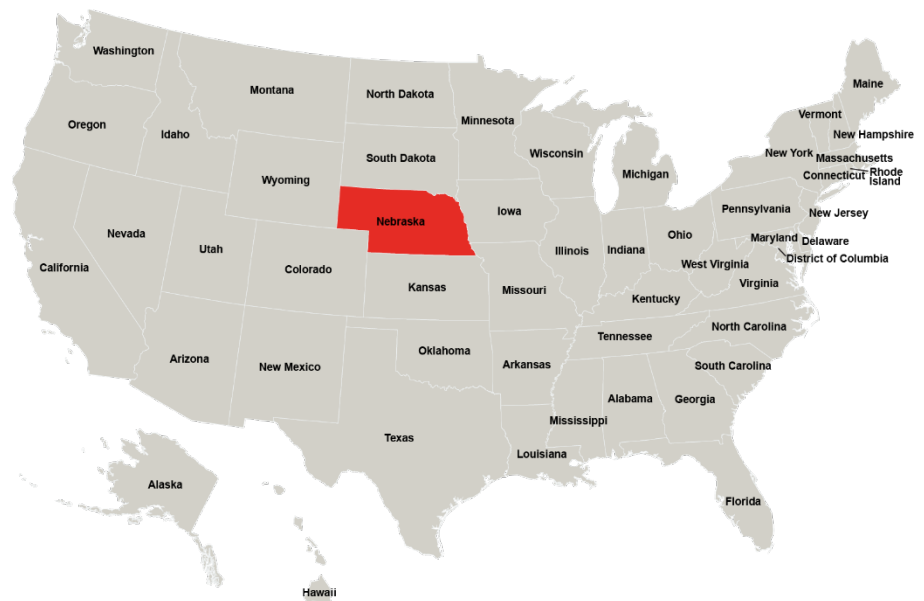
Research Analyst

Nebraska Department of Labor



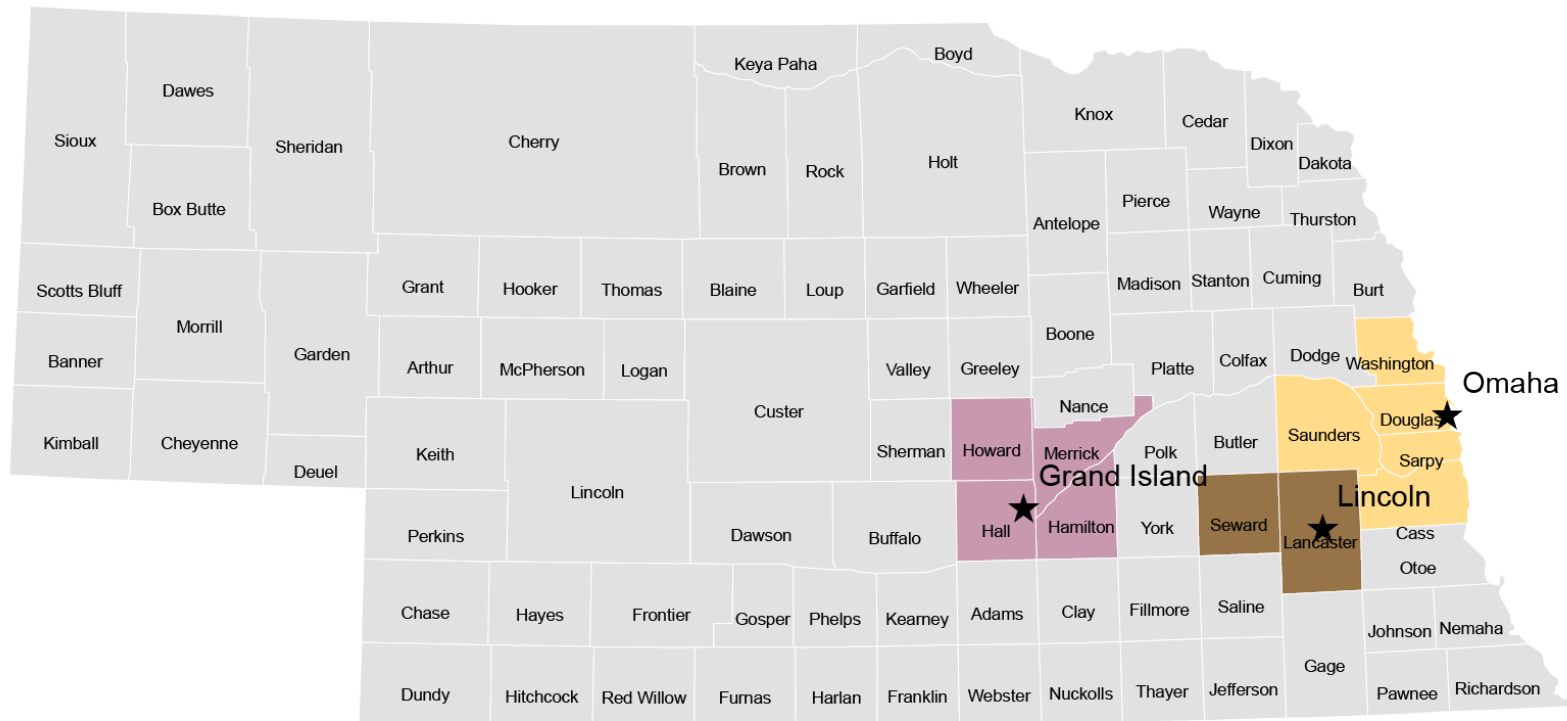
THE BASICS

- Nebraska is in the center of the US
- Population of 1,826,341 as of 2010 Census
- Top 5 Cities:
 - Omaha: 408,958
 - Lincoln: 258,379
 - Memorial Stadium during a home Husker Football Game: 91,000+
 - Bellevue: 50,137
 - Grand Island: 48,520
 - Kearney: 30,787



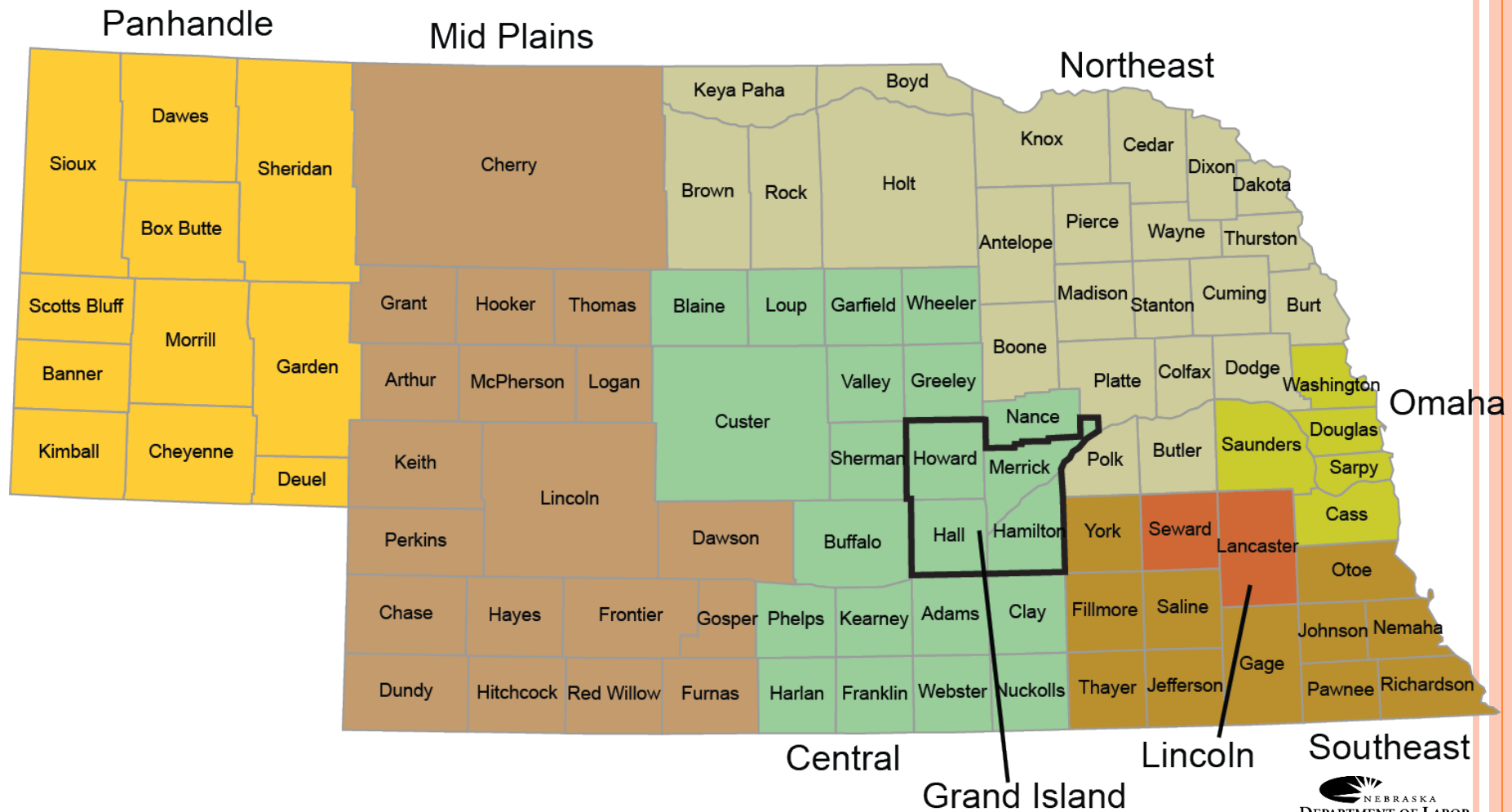
BUT---NEBRASKA IS GROWING!

- We now have three MSA's
 - Omaha MSA (also includes 3 counties in Iowa)
 - Lincoln MSA
 - Grand Island MSA-NEW!



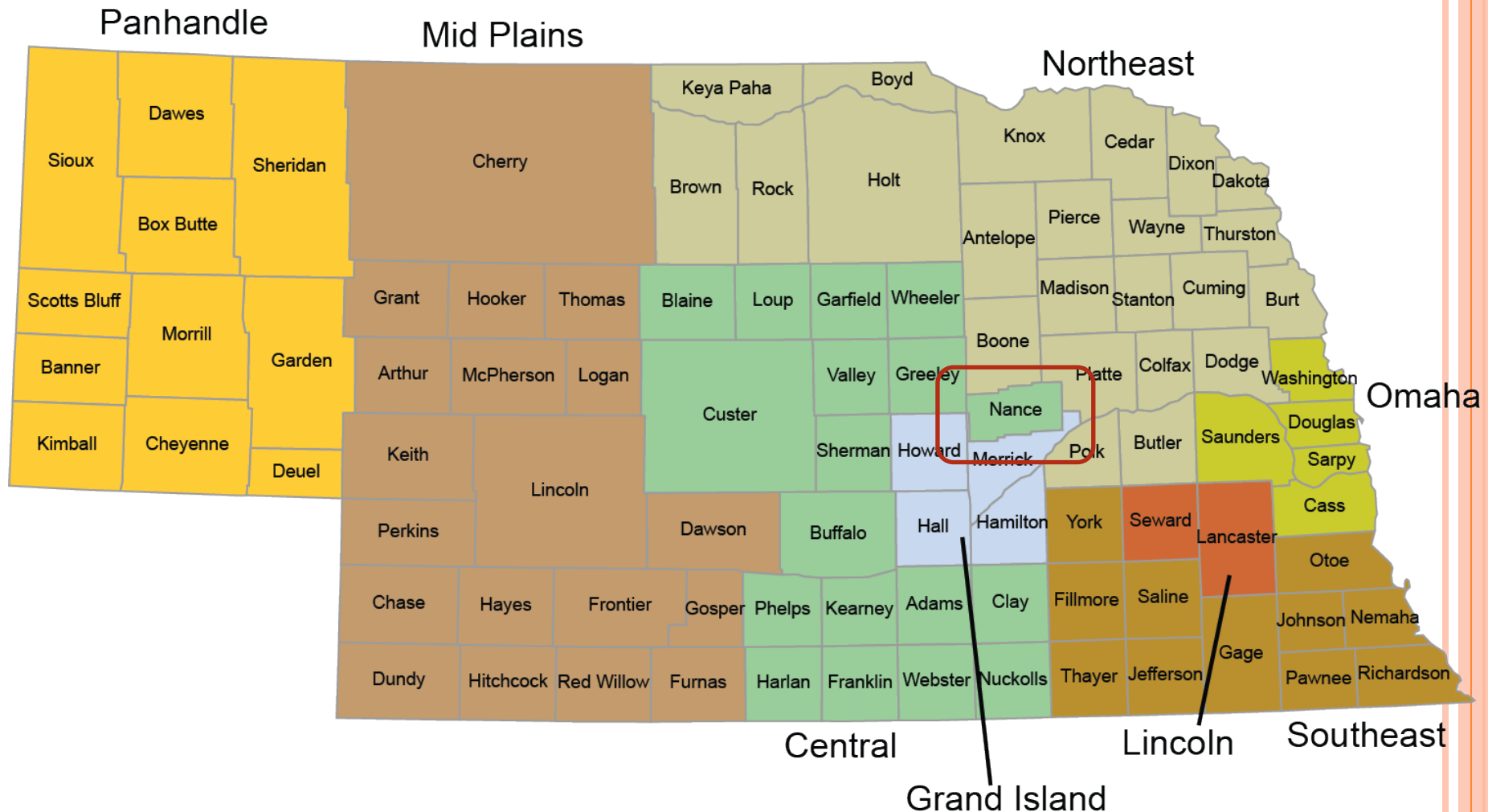
NEBRASKA DEPARTMENT OF LABOR ECONOMIC DEVELOPMENT REGIONS

- We had seven
- Grand Island MSA was in the Central Region



REMOVE GRAND ISLAND

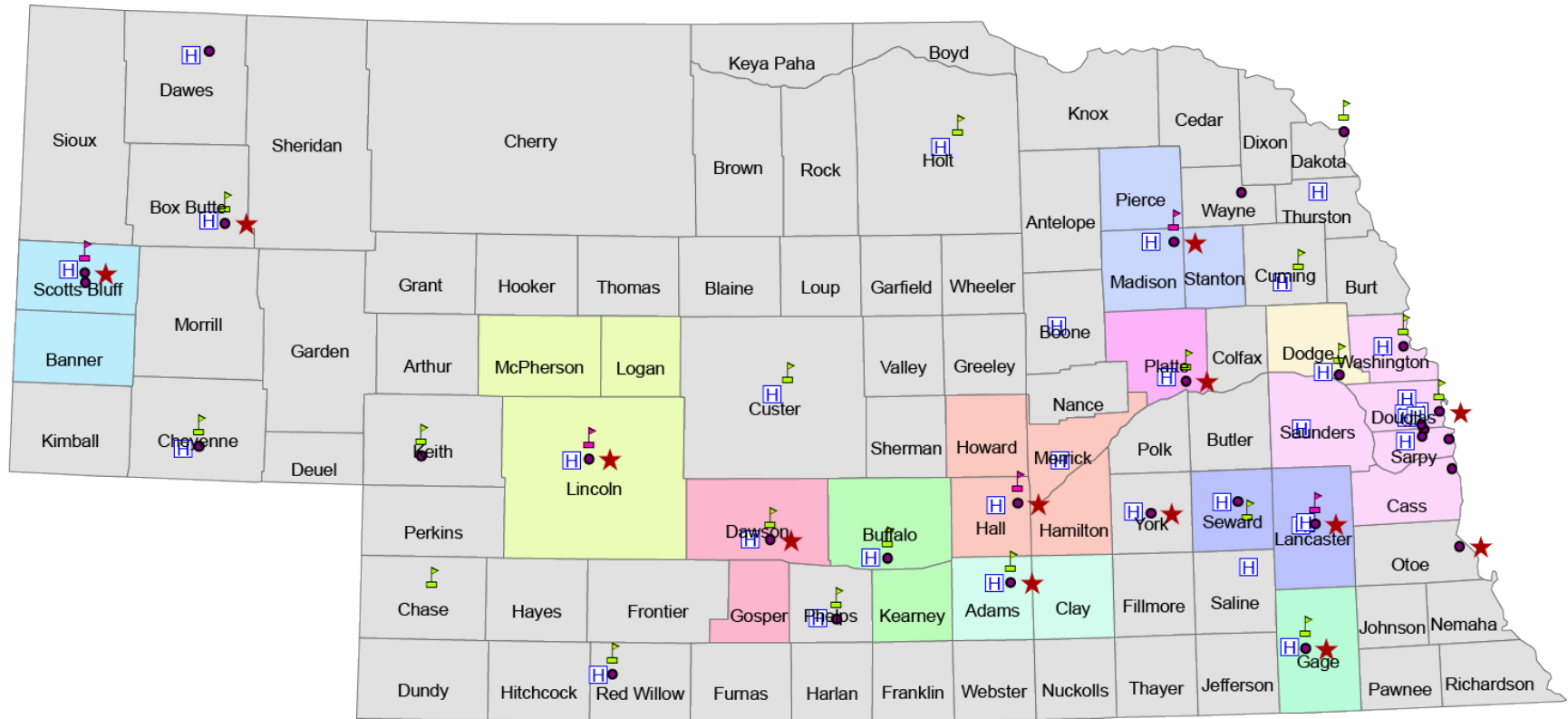
- Odd looking Central Region



WHAT TO DO?

- We decided that just taking the four counties of the Grand Island MSA out of the region might cause problems
 - Does this take away the economic center that held the region together?
 - Nance county looked odd being off by itself
- We needed to take a look at our regions and see if we needed to redefine them
 - We had to change them anyway for Grand Island
- So how did we go about this?

WE STARTED LOOKING AT MAPS....



● Cities Population > 5,000

🚩 Main Campus

🚩 Satellite Campus

★ Career Centers

🏥 General Hospitals Employment > 150

MCMSA



LOTS OF MAPS!

MAPS OF OTHER AGENCIES GEOGRAPHIES



Community College Regions

- Central Community College
- Metropolitan Community College
- Mid-Plains Community College
- Northeast Community College
- Southeast Community College
- Western Nebraska Community College



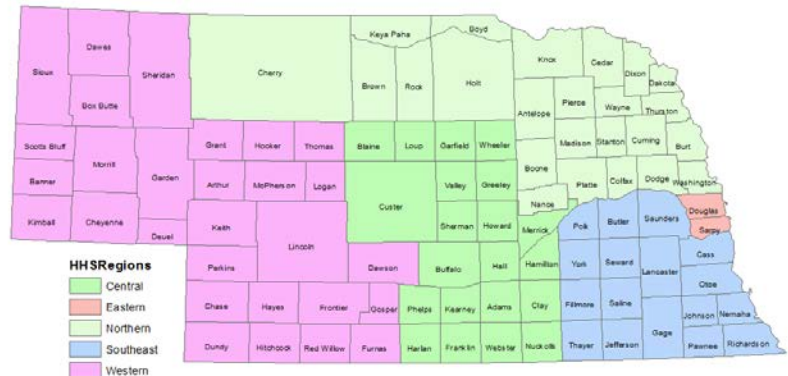
NROC Regions

- Central NE Economic Development District
- Lancaster County
- Metropolitan Area Planning Agency
- Northeast NE Economic Development District
- Panhandle Area Development District
- Siouxland Interstate Metro. Planning Council
- South Central Economic Development District
- Southeast Nebraska Development District
- West Central Nebraska Development District



DED Regions

- 1
- 2
- 3
- 4
- 5
- 6



HHS Regions

- Central
- Eastern
- Northern
- Southeast
- Western

CENSUS AND WORKFORCE DATA

- Population
- Labor force/Workforce
- Employment by Industry
- But, we wanted something else to help tell us how these counties interrelate
 - The LED data!
 - Specifically OnTheMap
 - Distance/Direction
 - Gave a general idea
 - Destination Analysis
 - Worked perfectly!



ONTHEMAP

Analysis Settings

Destination Analysis in 2011 by Primary Jobs

Home/Work Area ?
Determines whether the selection area is analyzed on where workers live ("Home") or where workers are employed ("Work").
☒ Home
☐ Work

Analysis Type ?
Determines the type of results that will be generated for the selected area.
☐ **Area Profile**
Labor Market Segment:
All Workers
☐ **Area Comparison**
Areas to Compare:
Places (Cities, CDPs, etc.)
Labor Market Segment:
All Workers
☐ **Distance/Direction**
☒ **Destination**
Destination Type:
Counties
☐ **Inflow/Outflow**
Note: Home/Work choice does not affect results

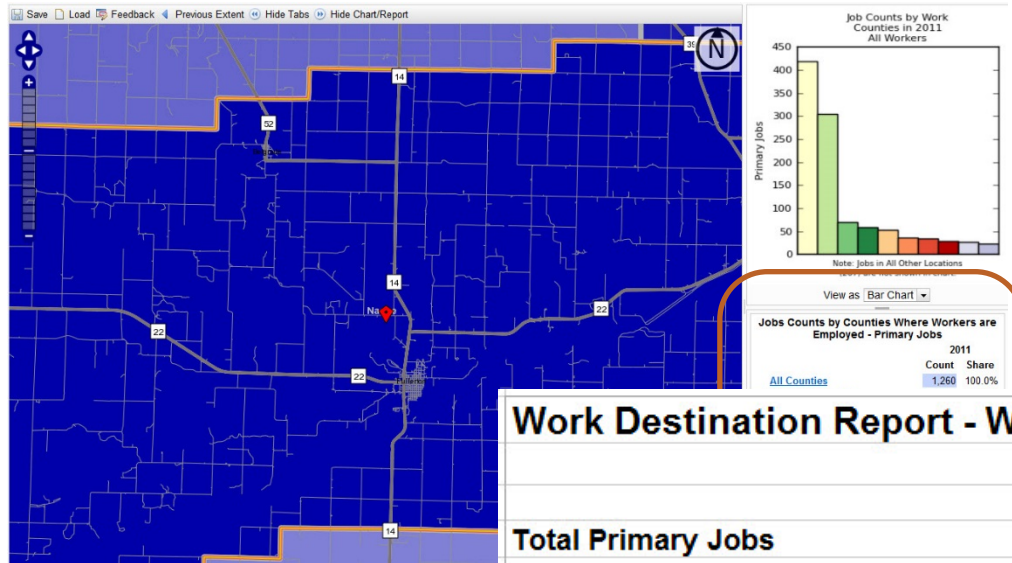
Year ?
Determines the year(s) of data that will be processed in the analysis.
☒ 2011
☐ 2010
☐ 2009
☐ 2008
☐ 2007
☐ 2006
☐ 2005
☐ 2004
☐ 2003
☐ 2002

Job Type ?
Determines the scope of jobs that will be processed in the analysis.
☐ All Jobs
☒ Primary Jobs
☐ All Private Jobs
☐ Private Primary Jobs

Cancel

Go!

NANCE COUNTY



Detailed Report View

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Work Destination Report - Where Workers are Employed

Work Destination Report - Where Workers are Employed Who Live in the

Total Primary Jobs

	2011	
	Count	Share
Total Primary Jobs	1,260	100.0%

Jobs Counts by Counties Where Workers are Employed - Primary Jobs

	2011	
	Count	Share
Nance County, NE	418	33.2%
Platte County, NE	304	24.1%
Douglas County, NE	69	5.5%
Lancaster County, NE	59	4.7%
Boone County, NE	53	4.2%
Merrick County, NE	37	2.9%
Colfax County, NE	35	2.8%
Madison County, NE	29	2.3%
Dodge County, NE	26	2.1%
Polk County, NE	23	1.8%
All Other Locations	207	16.4%

LOTS OF ONTHEMAP REPORTS!

- At first we only wanted to look at a handful of counties on the borders of our current economic regions
- As we started to see this data and see it mapped, we kept gradually adding more
- The data was pulled over about two weeks, a few more each day
- Eventually we decided to look at all 93 counties

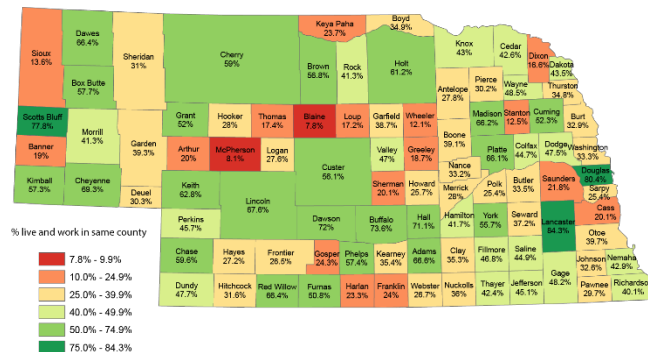
MAKING THE MAPS

OnTheMap Data in Excel

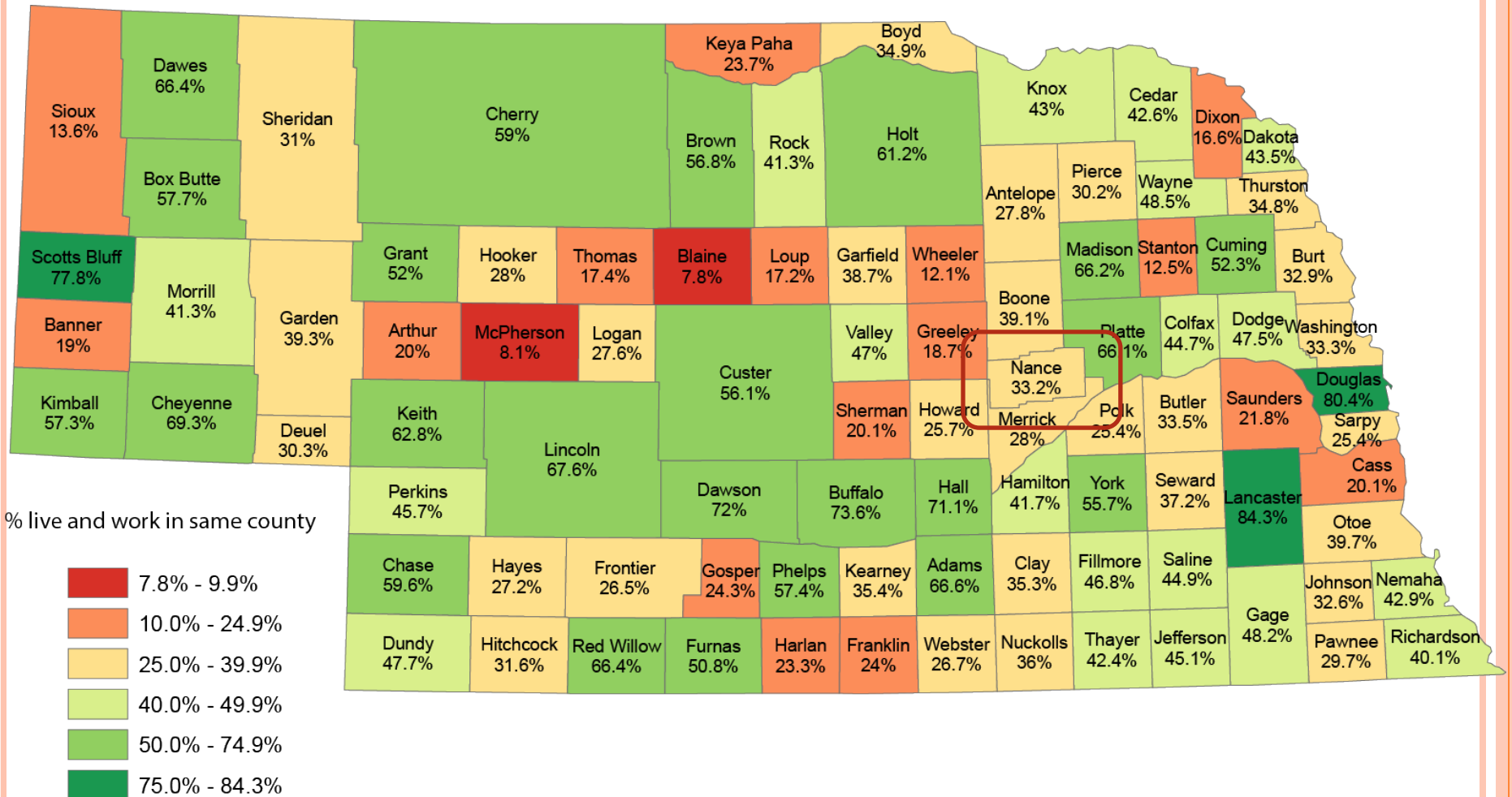
A1			FIPS
	A	B	C
1	FIPS	County	Per_live_work
2	001	Adams	66.6%
3	003	Antelope	27.8%
4	005	Arthur	20.0%
5	007	Banner	19.0%
6	009	Blaine	7.8%
7	011	Boone	39.1%
8	013	Box Butte	57.7%
9	015	Boyd	34.9%
10	017	Brown	56.8%
11	019	Buffalo	73.6%
12	021	Burt	32.9%
13	023	Butler	33.5%
14	025	Cass	20.1%
15	027	Cedar	42.6%



ArcGIS Mapping Software



LED COMMUTING PATTERNS

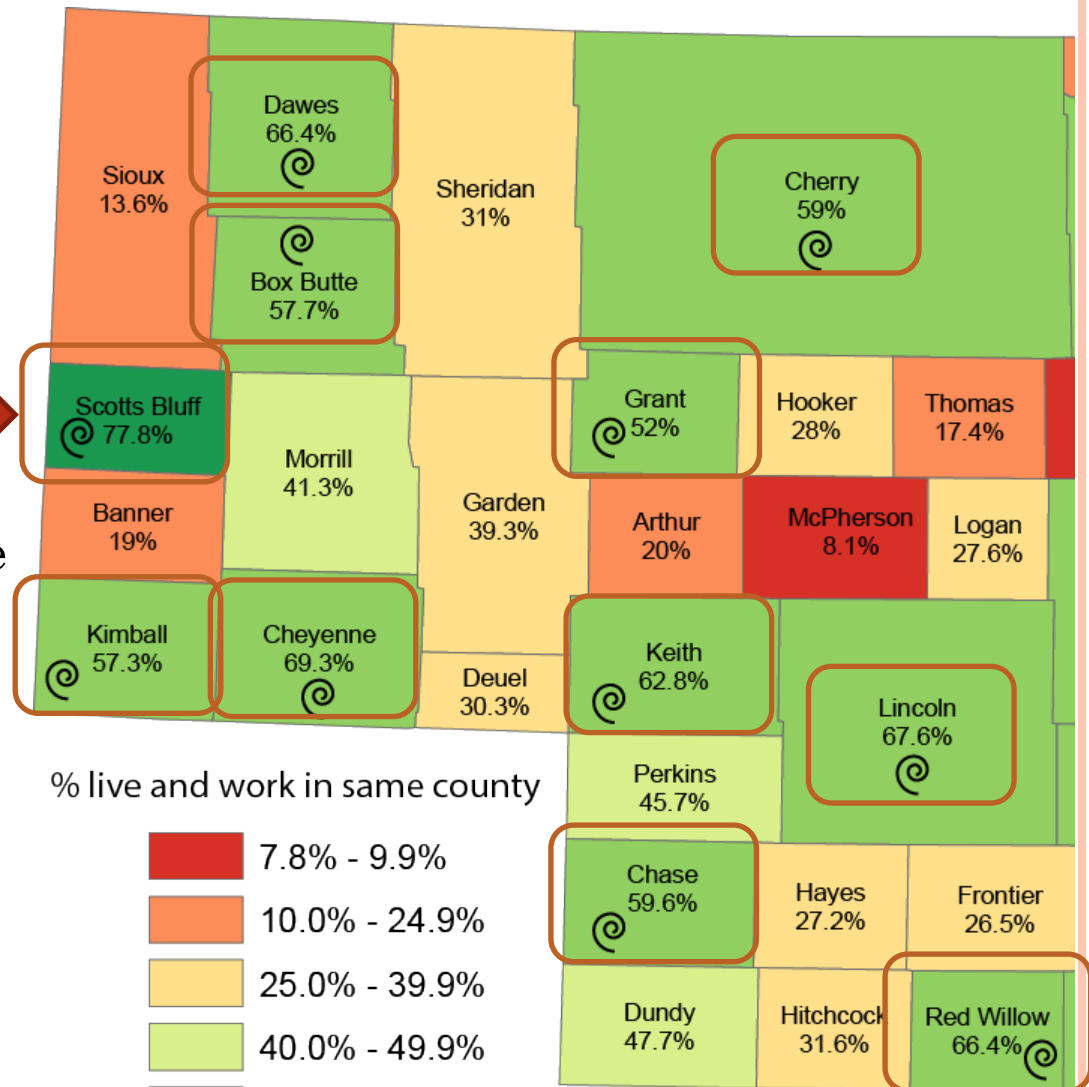


GOOD BUT...

- We needed the map to tell us more
- We decided to add symbols and arrows to the map
 - Based on three main patterns that emerged
 - Majority live and work in the same county
 - Less than 50% live and work in the same county, but the home county is still where the highest percentage of workers live
 - The highest work county is not the home county

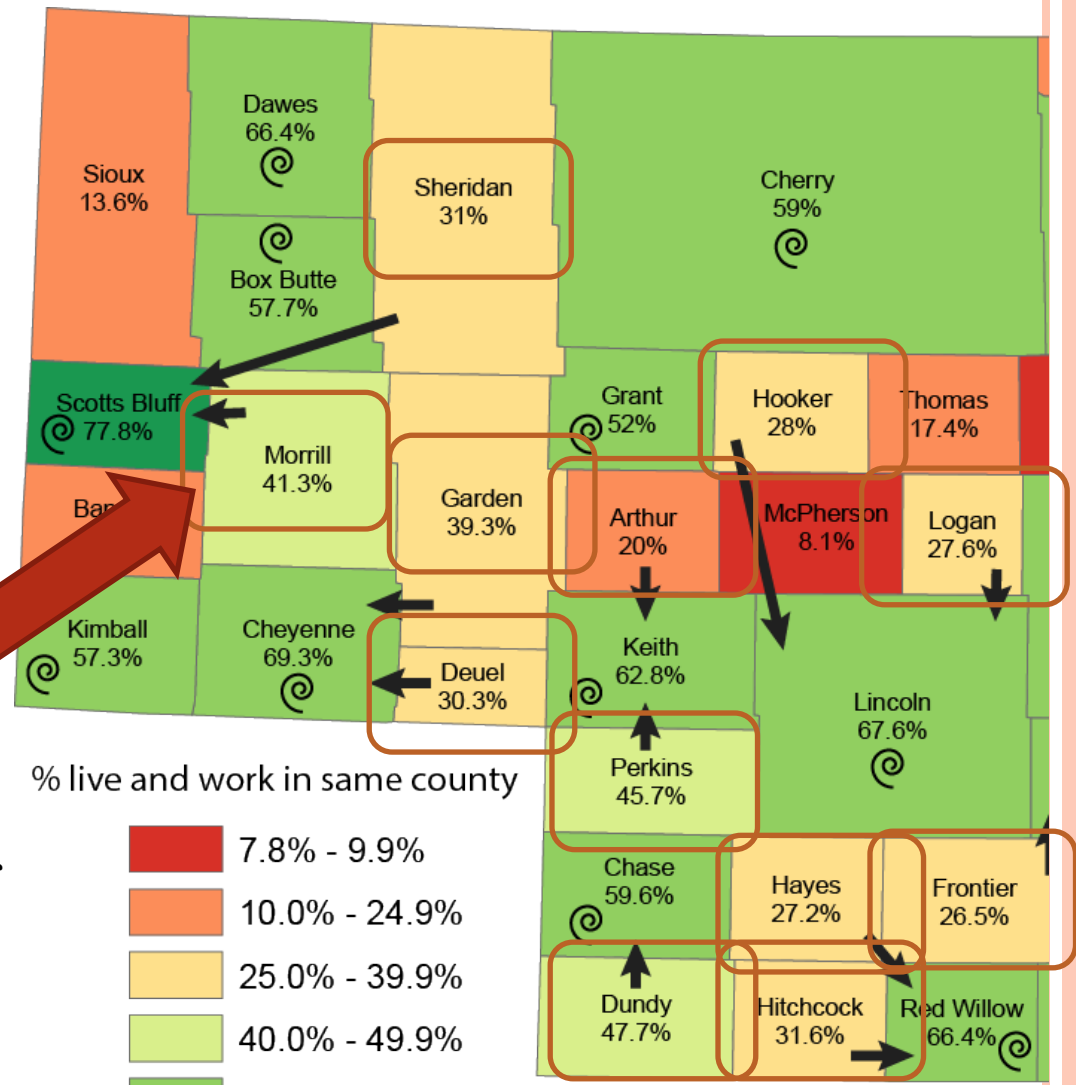
MAJORITY LIVE AND WORK IN SAME COUNTY

- We figured they were “self contained”
 - Marked with a “spiral” symbol
- For Example:
 - Scotts Bluff: 77.8% works and lives in the same county



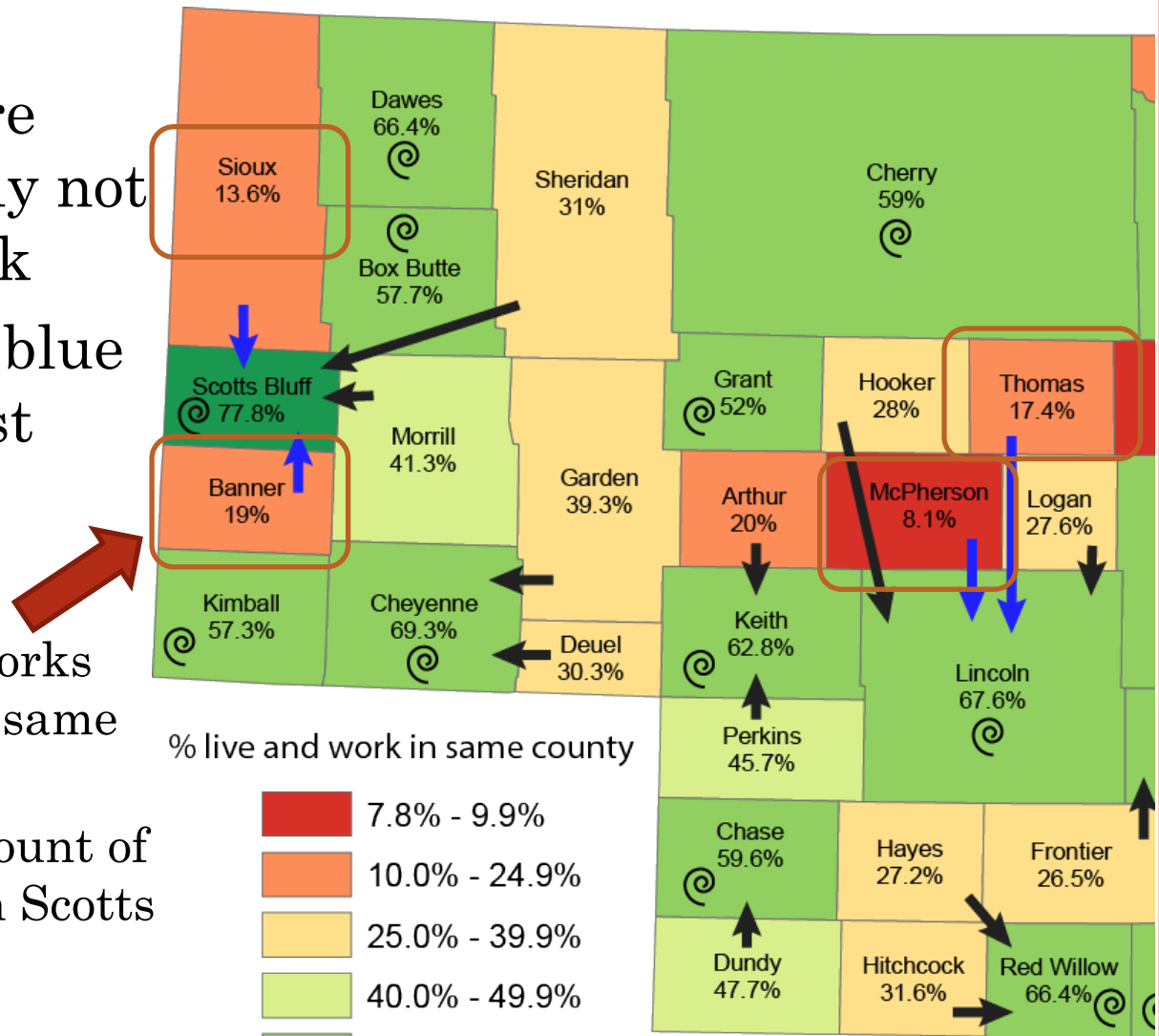
LESS THAN 50% LIVE AND WORK IN THE SAME COUNTY

- However, the home county is still where the highest percentage of workers live
- But they start showing ties to surrounding counties
 - marked with a black arrow to second work county
- For Example:
 - Morrill: 41.3% works and lives in the same county
 - The next highest amount of workers work in Scotts Bluff

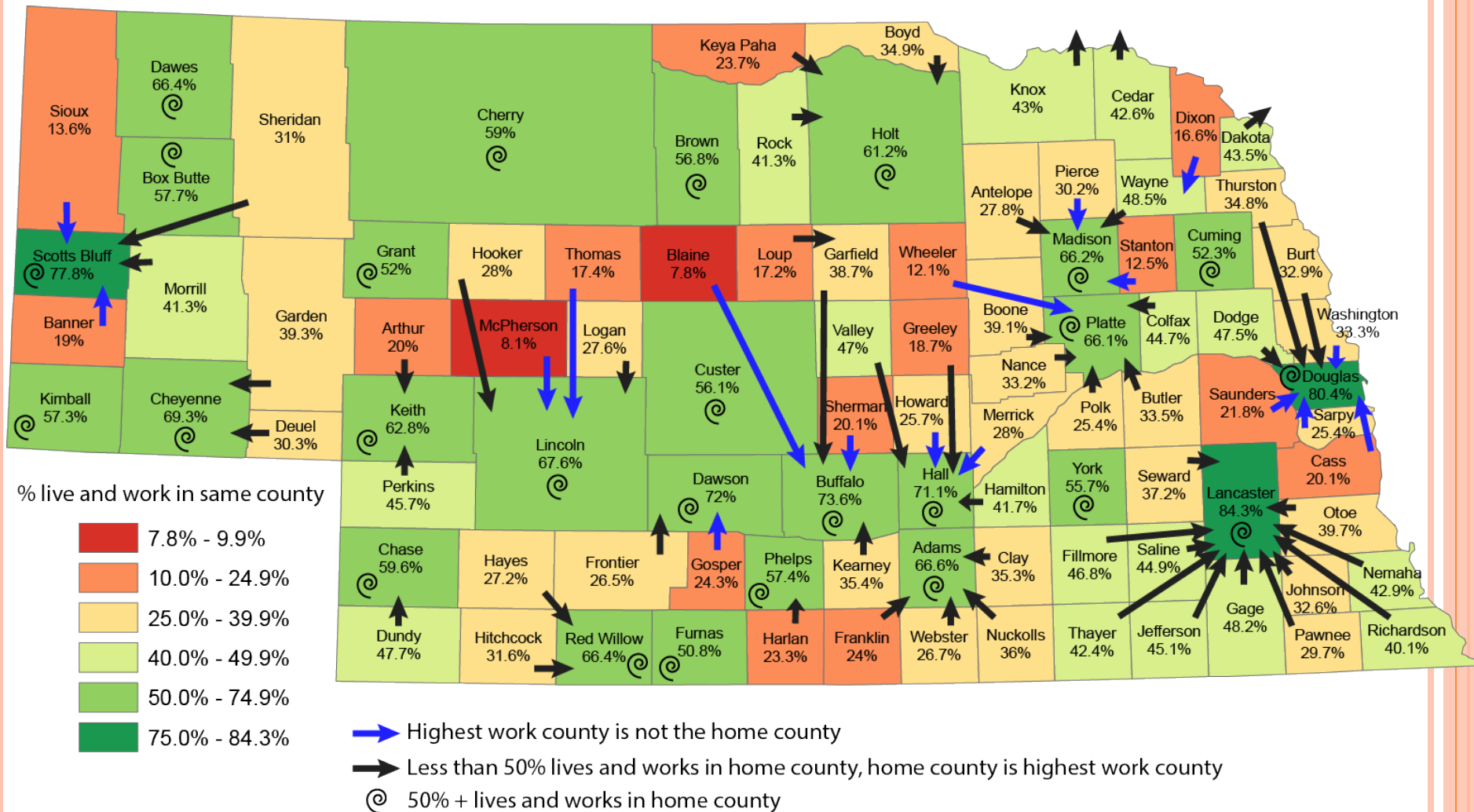


HIGHEST WORK COUNTY IS NOT THE HOME COUNTY

- These are where people are really not staying for work
- Marked with a blue arrow to highest work county
- For Example:
 - Banner: 19% works and lives in the same county
 - The highest amount of workers work in Scotts Bluff



LED COMMUTING PATTERNS



BUT WE WANTED TO SEE MORE!

- For the people leaving the county for work, what percent of the workers is that?

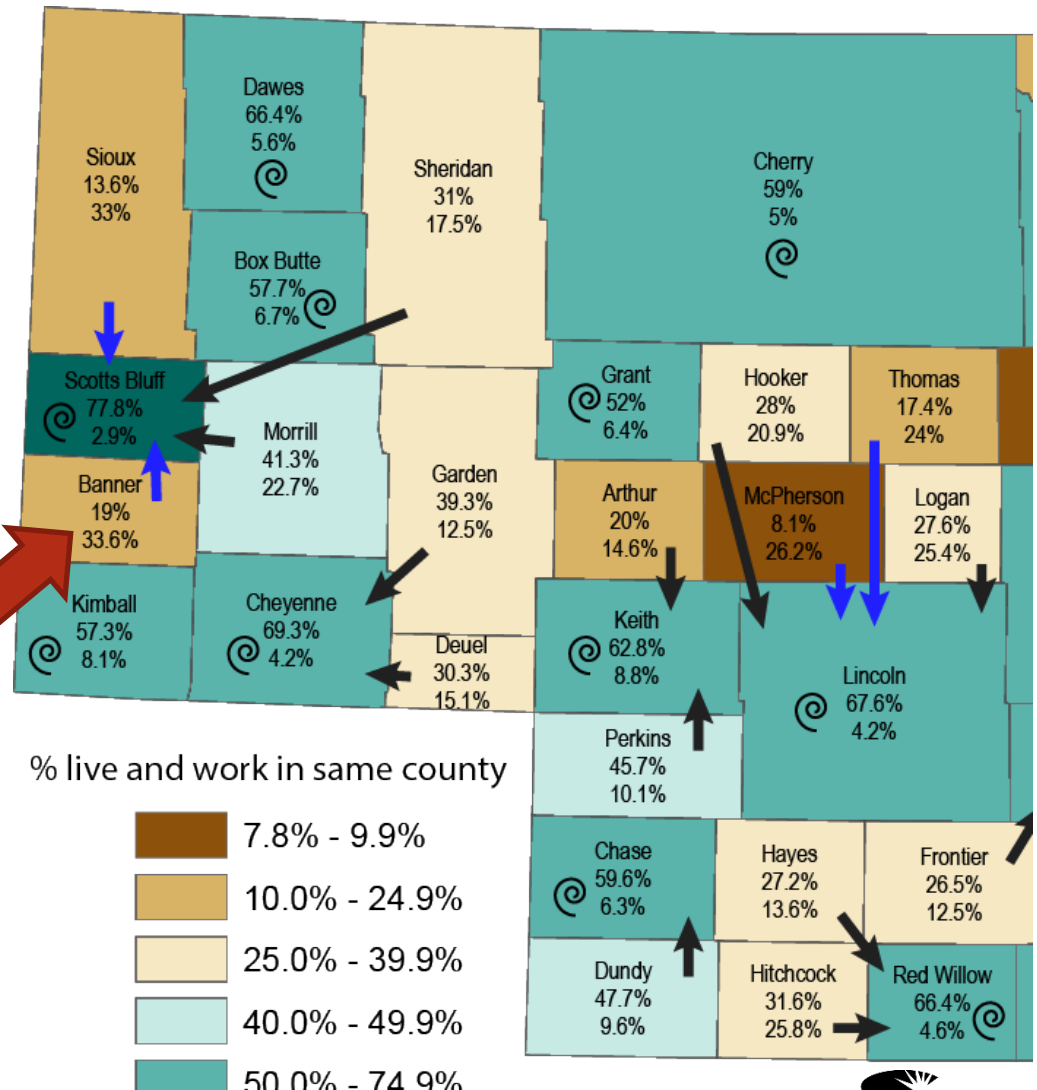
- We used this data for the first map, but we wanted specifics

- So we added even more detail to the map

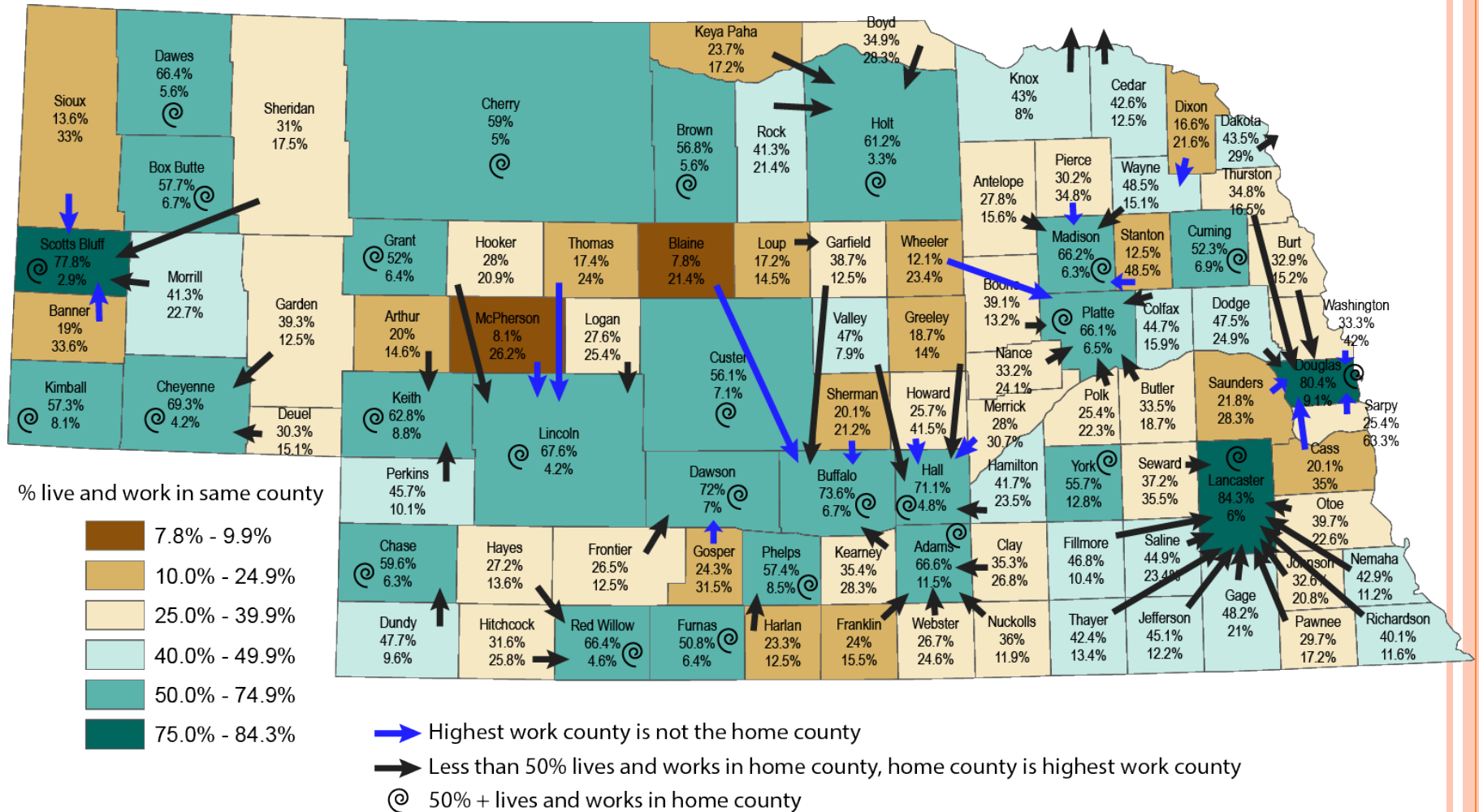
- The first % lives and works in the home county
- The second % working elsewhere, highest county % shown

- For Example:

- Banner: 19% live and work there
- 33.6% work in Scotts Bluff



LED COMMUTING PATTERNS

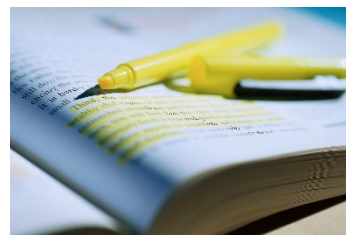
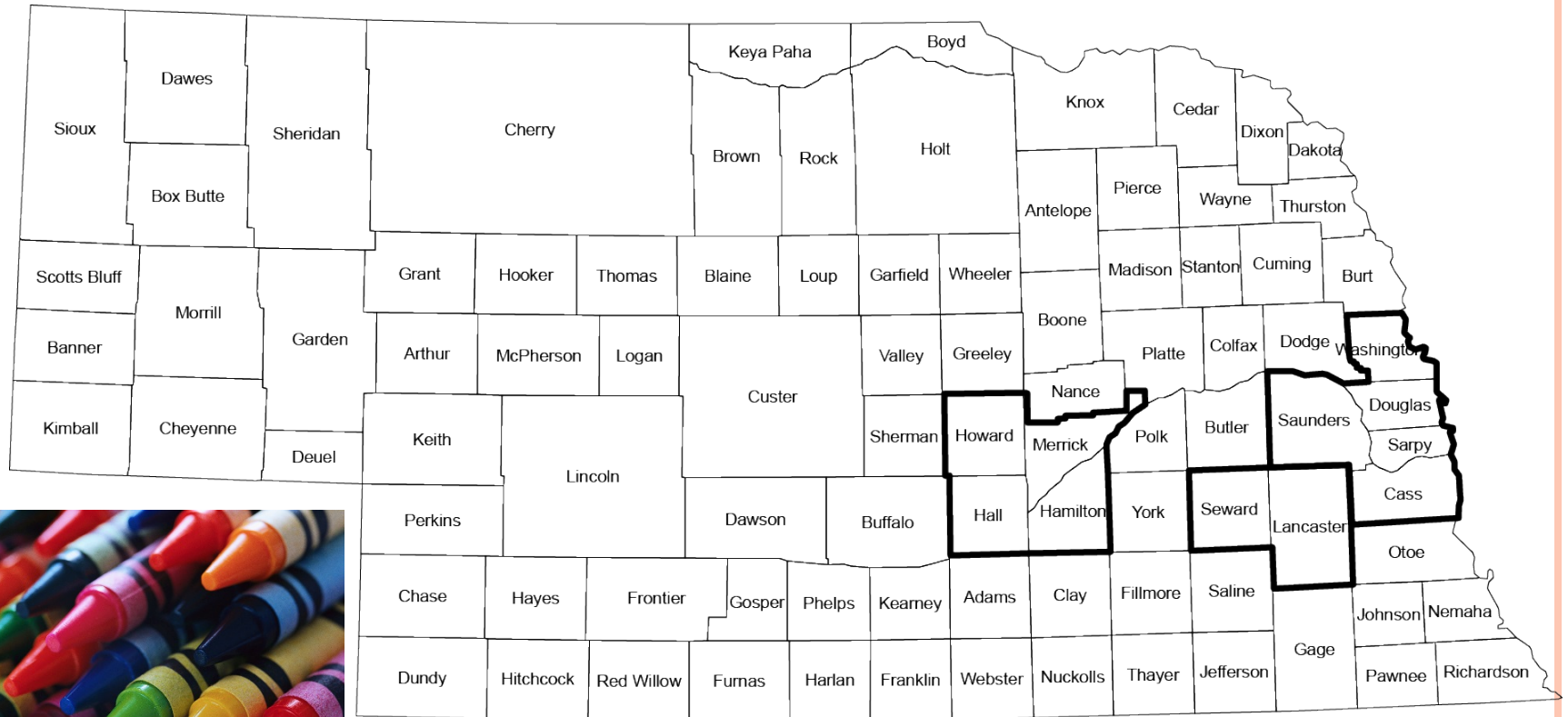


First %: % lives and works in home county, Second %: % working elsewhere, highest county % shown
 For example: 13.6% live and work in Sioux County, 33% work in Scotts Bluff County

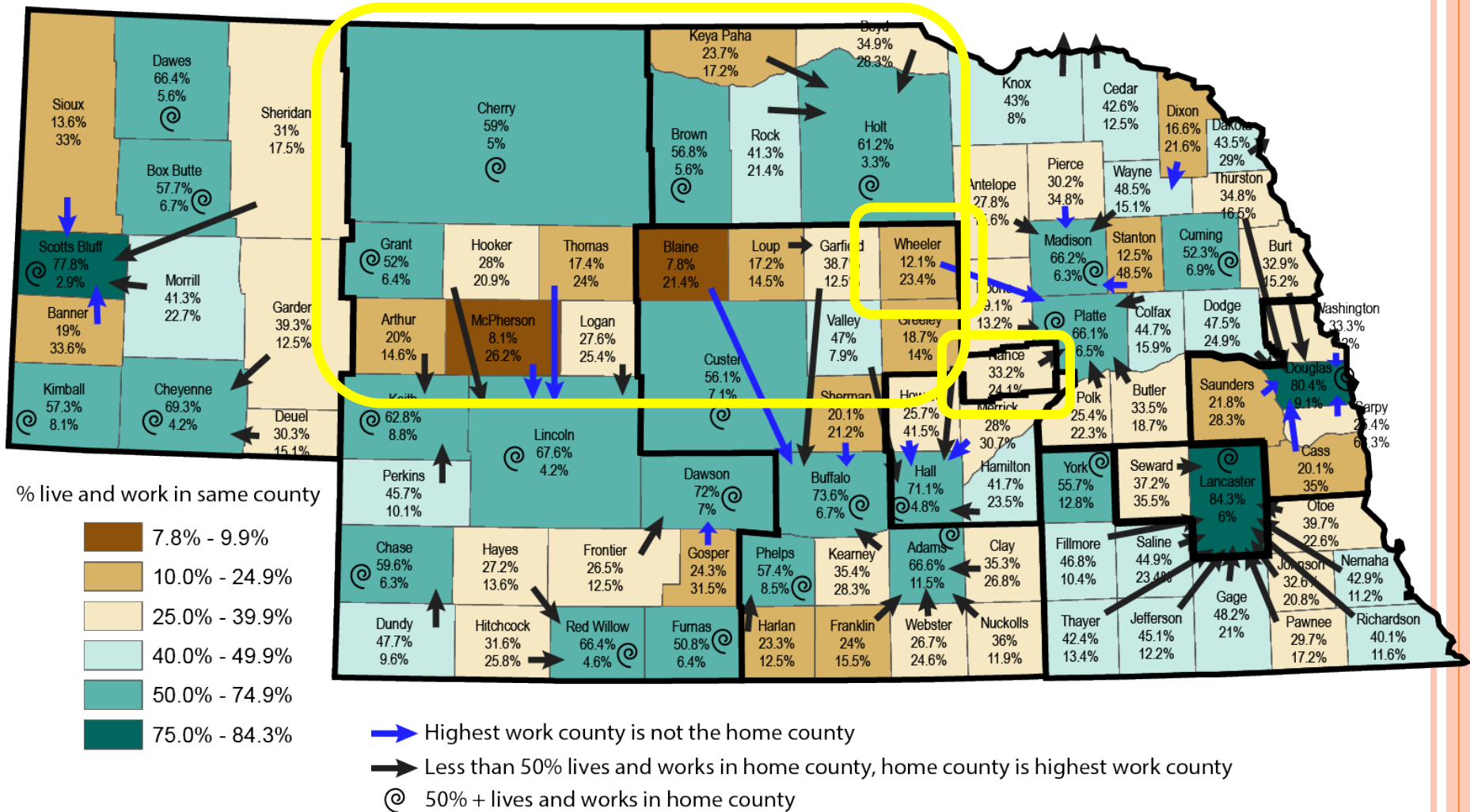
RAW DATA

A	B	C	D	E	F	G	H	I
County	Count	Share	Work County 1	Count	Share	Work County 2	Count	Share
Adams	8,339	66.6%	Hall County, NE	1,436	11.5%	Buffalo County, NE	517	4.1%
Antelope	937	27.8%	Madison County, NE	525	15.6%	Holt County, NE	199	5.9%
Arthur	26	20.0%	Keith County, NE	19	14.6%	Lincoln County, NE	12	9.2%
Banner	62	19.0%	Scotts Bluff County, NE	110	33.6%	Douglas County, NE	19	5.8%
Blaine	53	7.8%	Buffalo County, NE	146	21.4%	Hall County, NE	139	20.4%
Boone	1,019	39.1%	Platte County, NE	344	13.2%	Madison County, NE	159	6.1%
Box Butte	2,504	57.7%	Scotts Bluff County, NE	292	6.7%	Douglas County, NE	259	6.0%
Boyd	266	34.9%	Holt County, NE	216	28.3%	Douglas County, NE	51	6.7%
Brown	686	56.8%	Douglas County, NE	68	5.6%	Holt County, NE	59	4.9%
Buffalo	14,130	73.6%	Hall County, NE	1,293	6.7%	Lancaster County, NE	680	3.5%
Burt	944	32.9%	Douglas County, NE	438	15.2%	Washington County, NE	261	9.1%
Butler	1,289	33.5%	Platte County, NE	719	18.7%	Lancaster County, NE	503	13.1%
Cass	2,316	20.1%	Douglas County, NE	4,042	35.0%	Lancaster County, NE	2,207	19.1%
Cedar	1,438	42.6%	Yankton County, SD	423	12.5%	Wayne County, NE	194	5.7%
Chase	857	59.6%	Red Willow County, NE	90	6.3%	Hitchcock County, NE	46	3.2%
Cherry	1,527	50.0%	Todd County, SD	120	5.0%	Douglas County, NE	111	4.30%

WE DID A COLORING ACTIVITY!



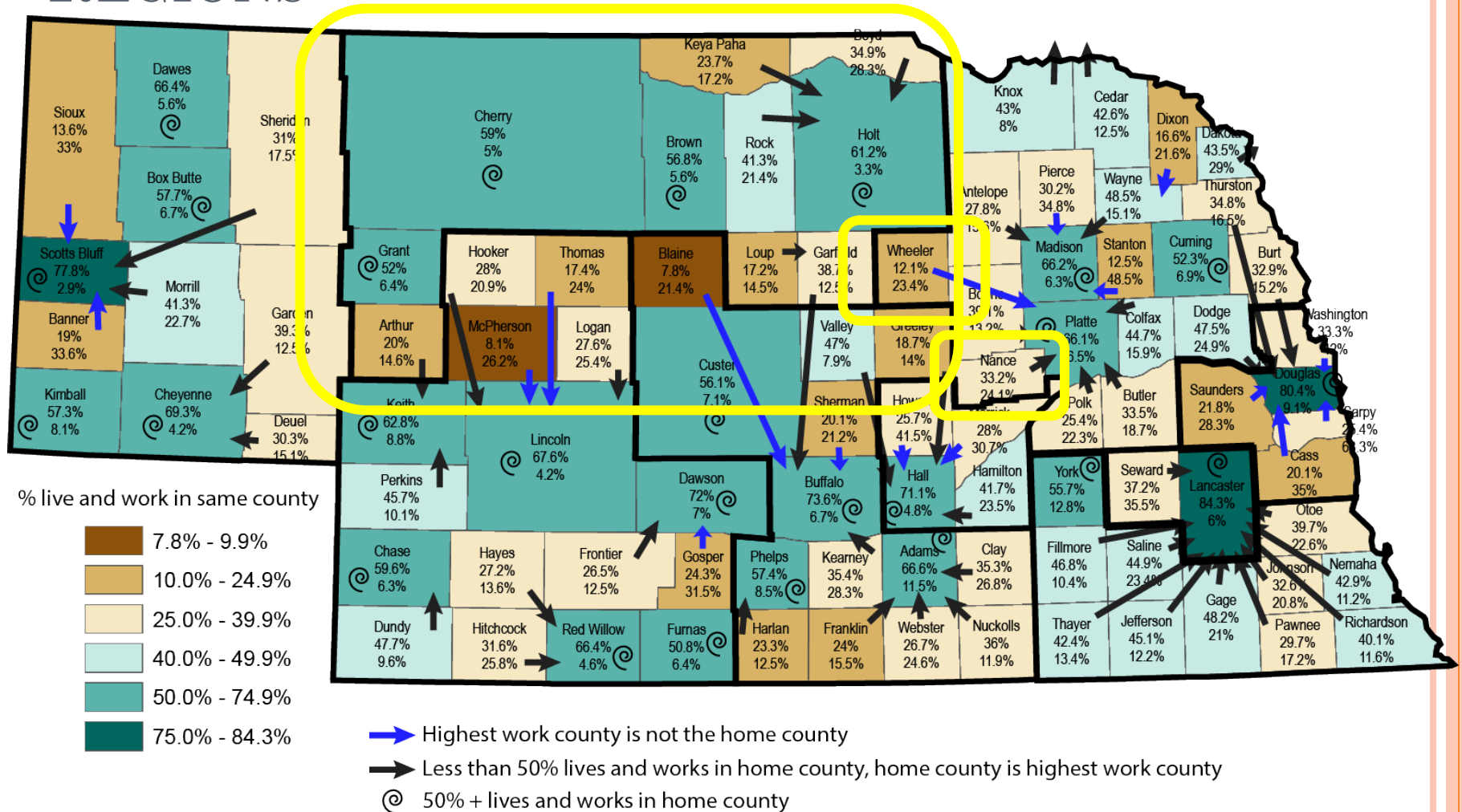
LED COMMUTING PATTERNS-OLD REGIONS



First %: % lives and works in home county, Second %: % working elsewhere, highest county % shown

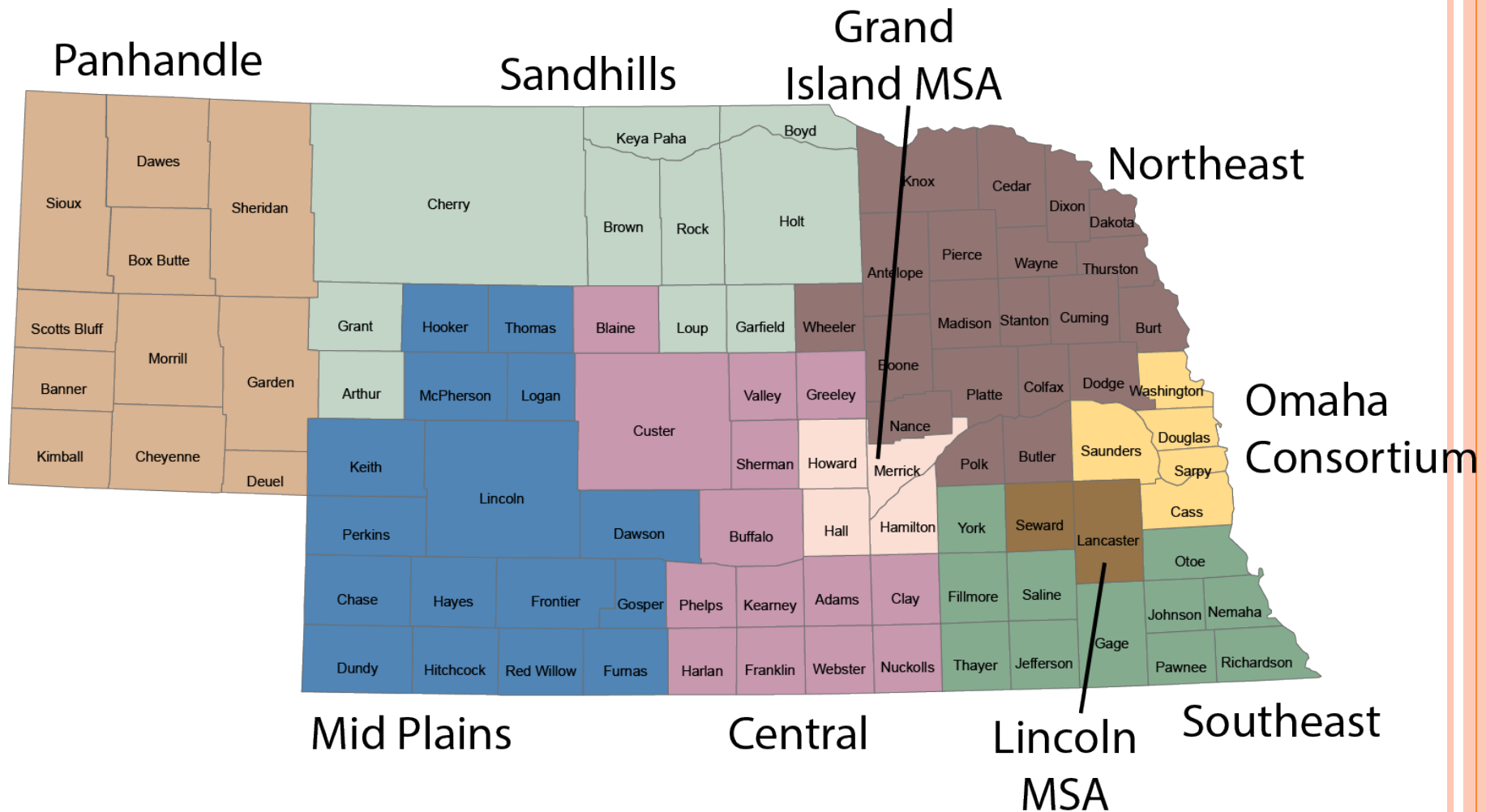
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LED COMMUTING PATTERNS-NEW REGIONS

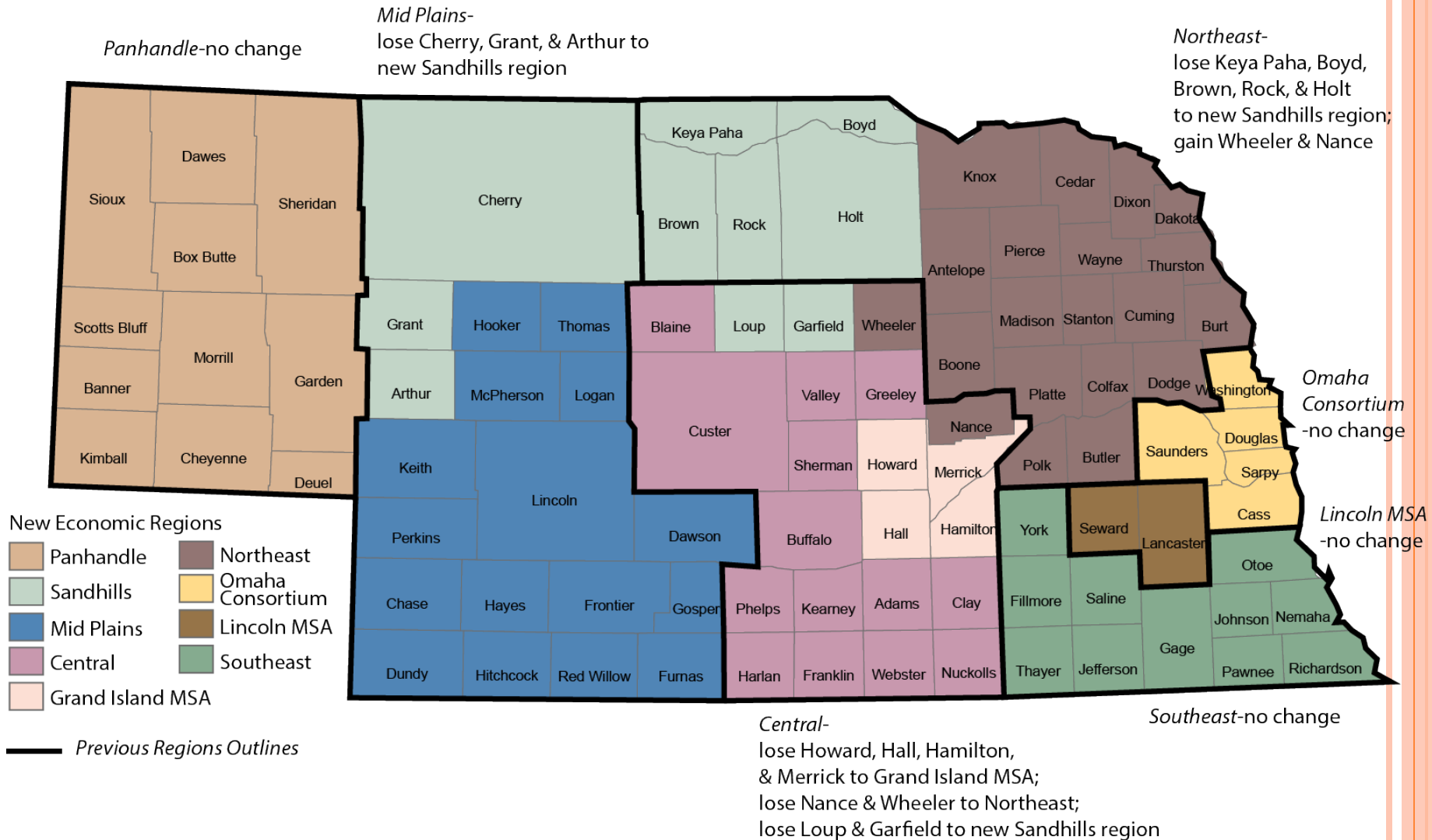


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 For example: 13.6% live and work in Sioux County, 33% work in Scotts Bluff County

NEW LABOR MARKET INFORMATION ECONOMIC DEVELOPMENT REGIONS



NEW REGIONS WITH PAST OVERLAY



CONTACT INFORMATION

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Nebraska Department of Labor

