

TRADITIONAL STRENGTHS

- Construction and De-construction Cluster Analysis
- Engineering Technology and Design Cluster Analysis
- Mining Cluster Analysis
- Supply Chain and Logistics Cluster Analysis

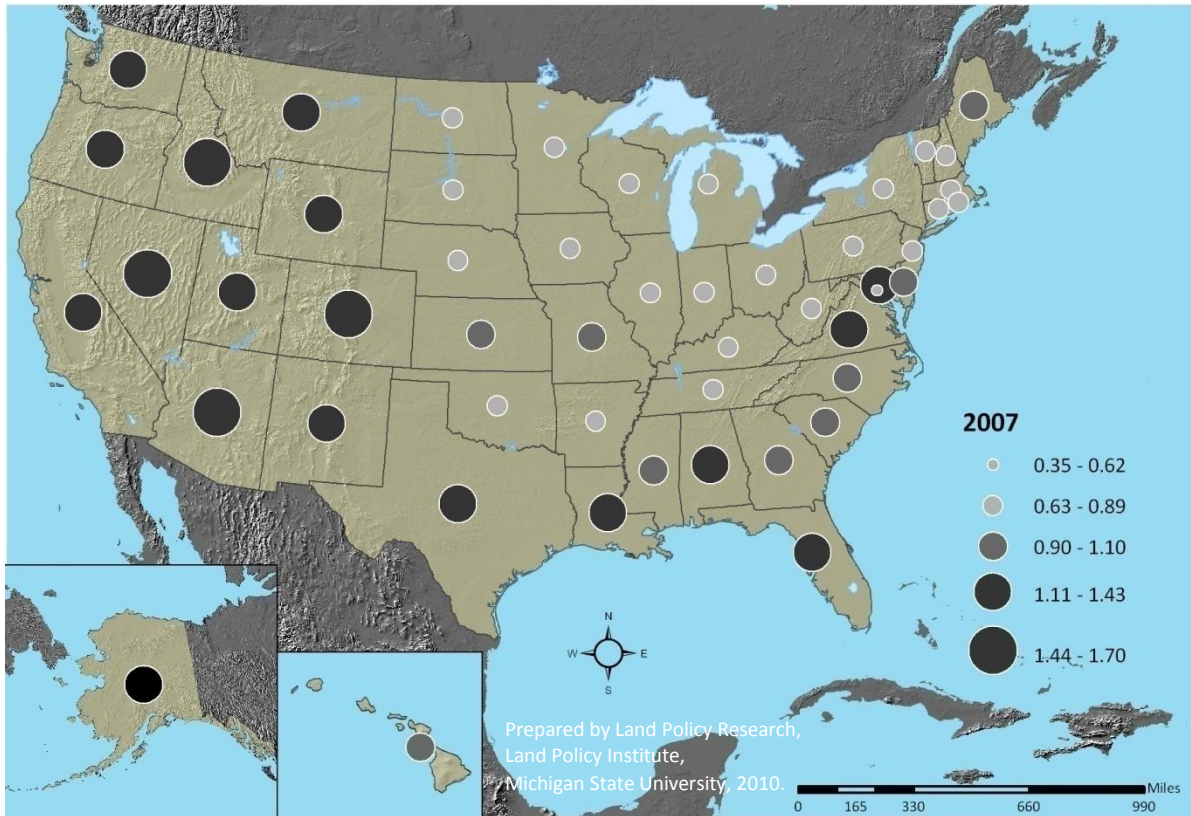


Construction and De-construction Cluster Analysis

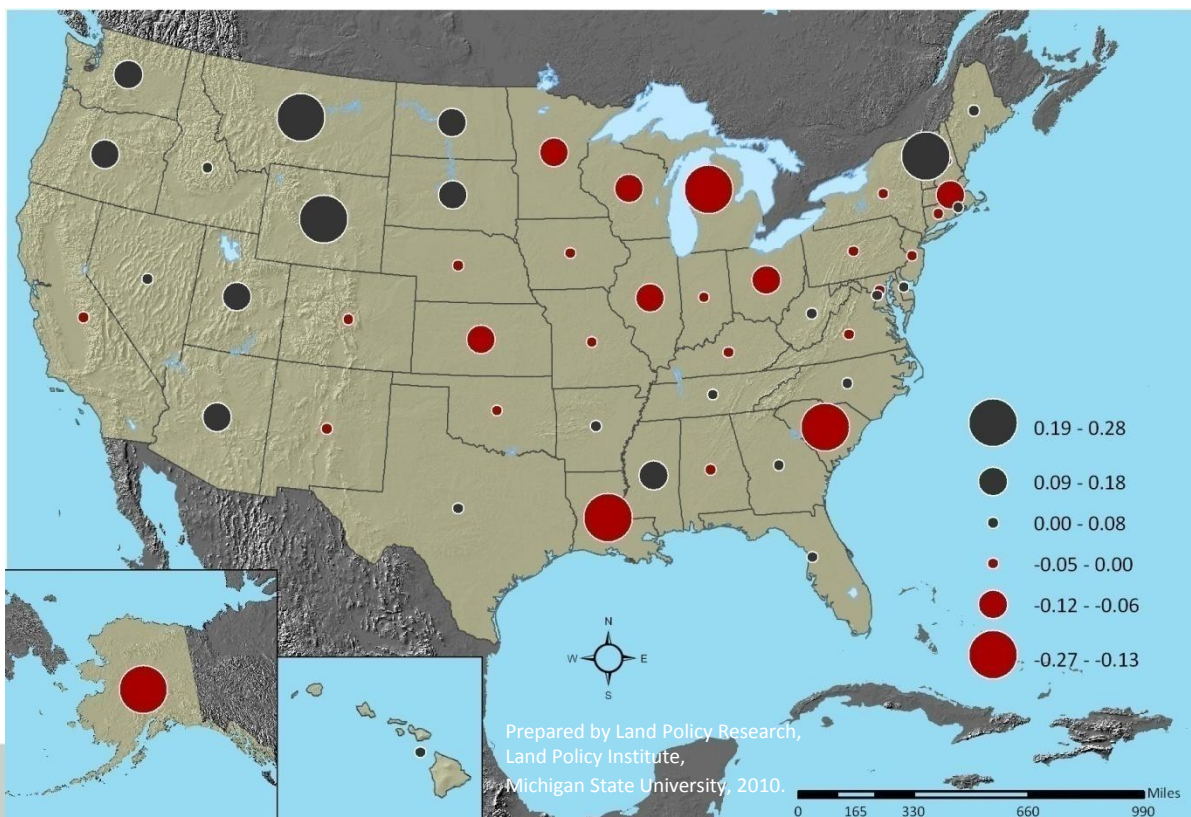
This cluster encompasses establishments in areas such as construction trades, demolition, structural engineering, and design (for a complete specification see Appendix 1). Given the large number of Brownfields in Michigan, the opportunities for redevelopment, the need for rightsizing our infrastructure in Michigan, coupled with the need for new placemaking that attracts knowledge workers, this cluster could hold promise for the future of Michigan.



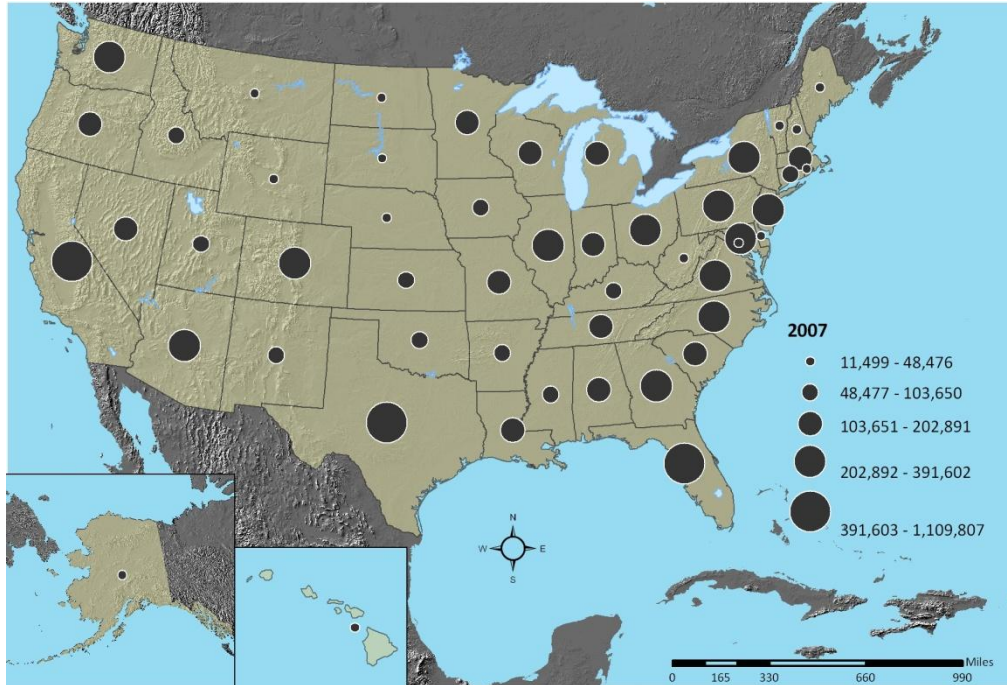
National Location Quotient



Change in Location Quotient 2003-2007

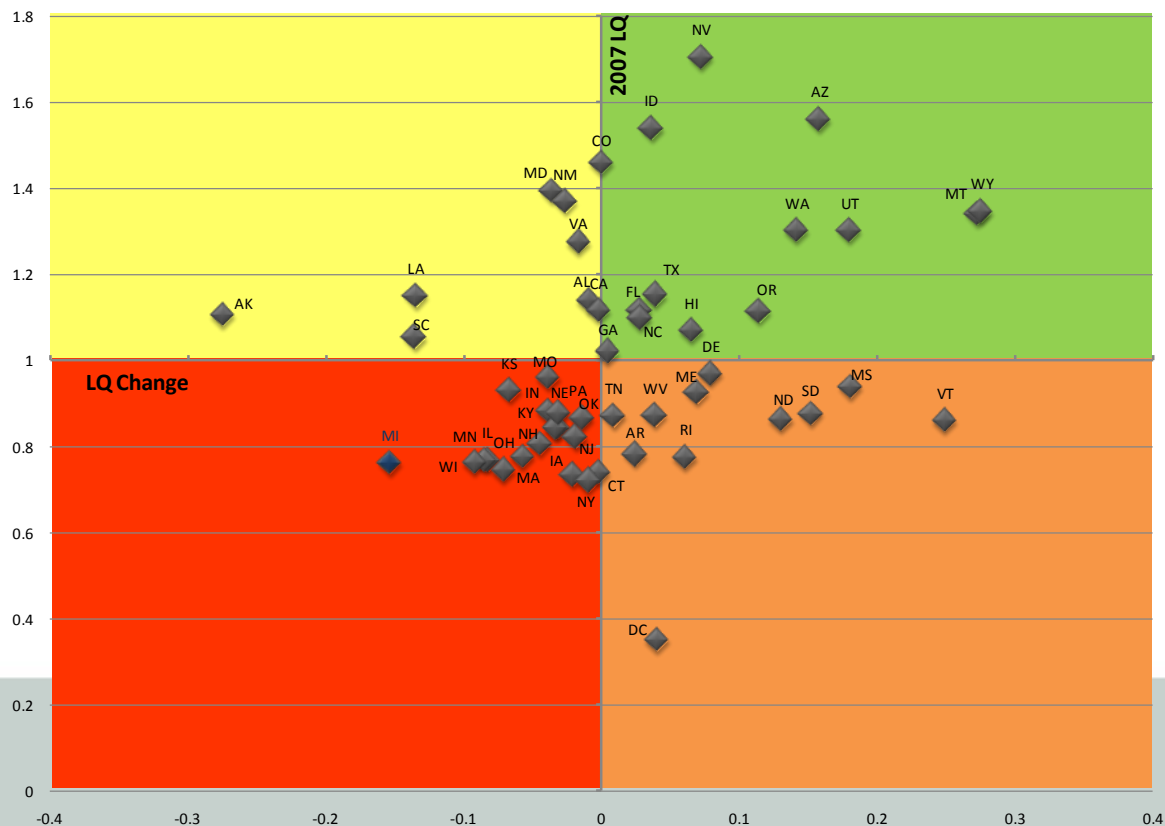


National Employment Distribution

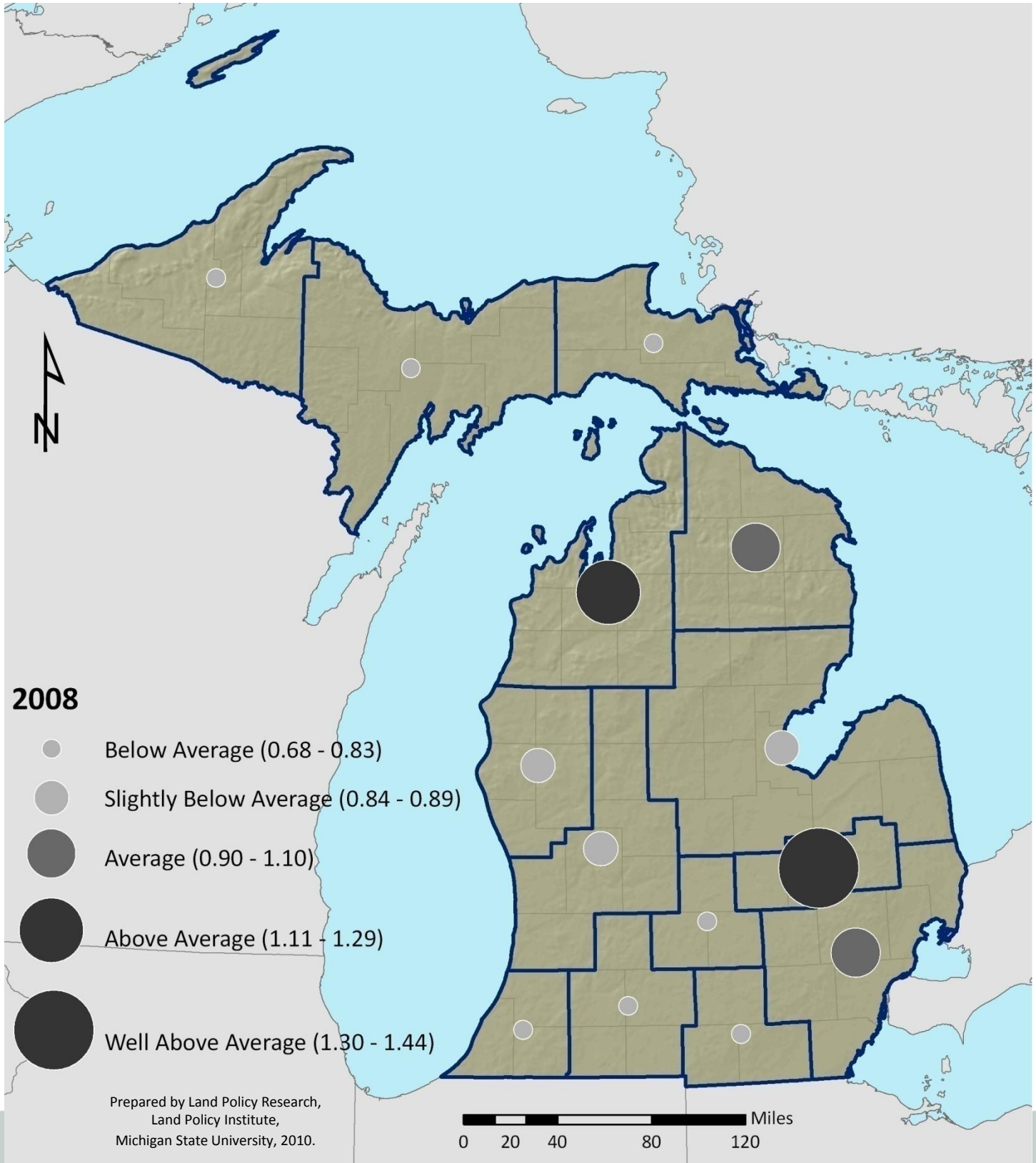


50 State Location Quotient Distribution

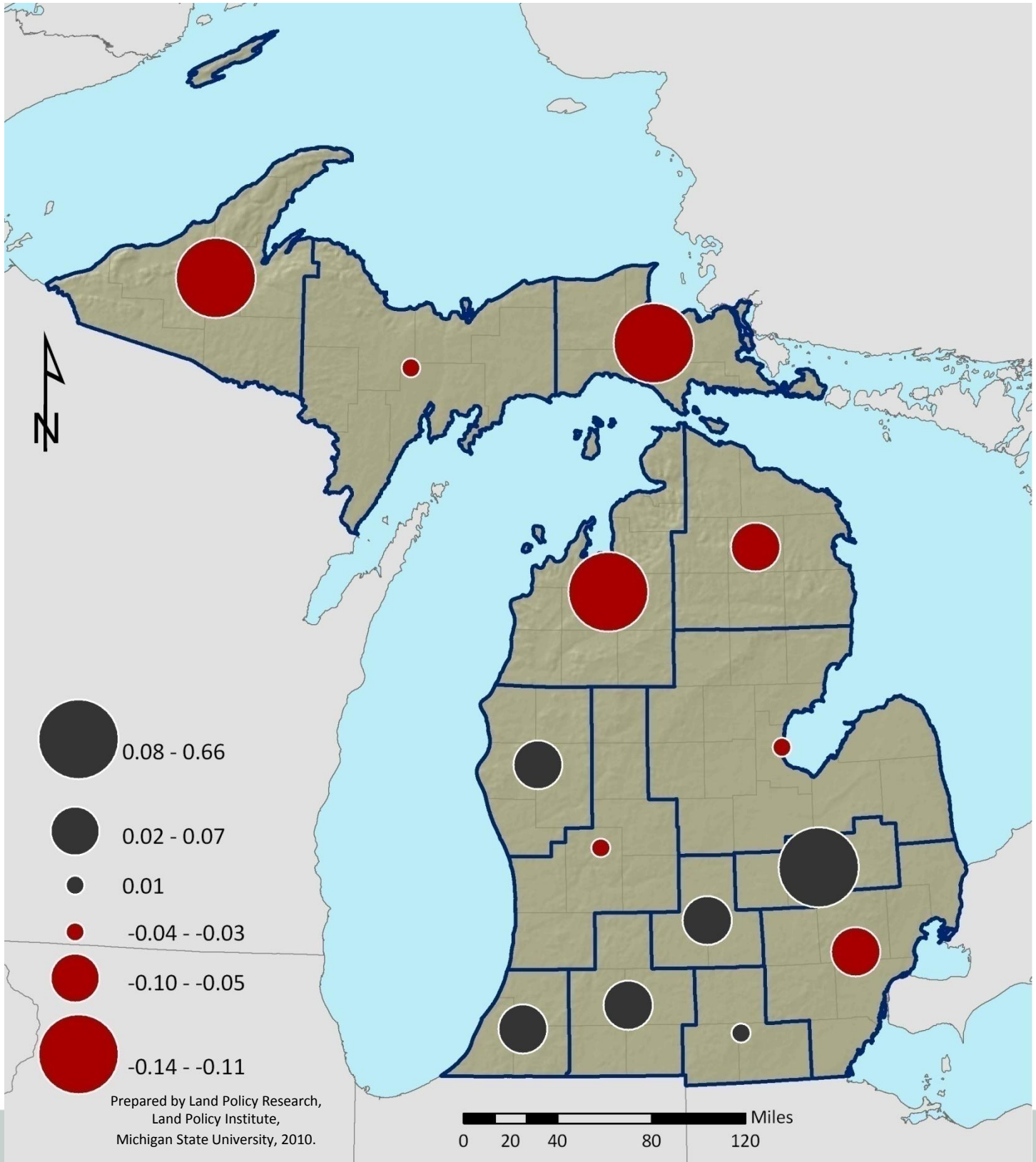
Construction State LQ Chart



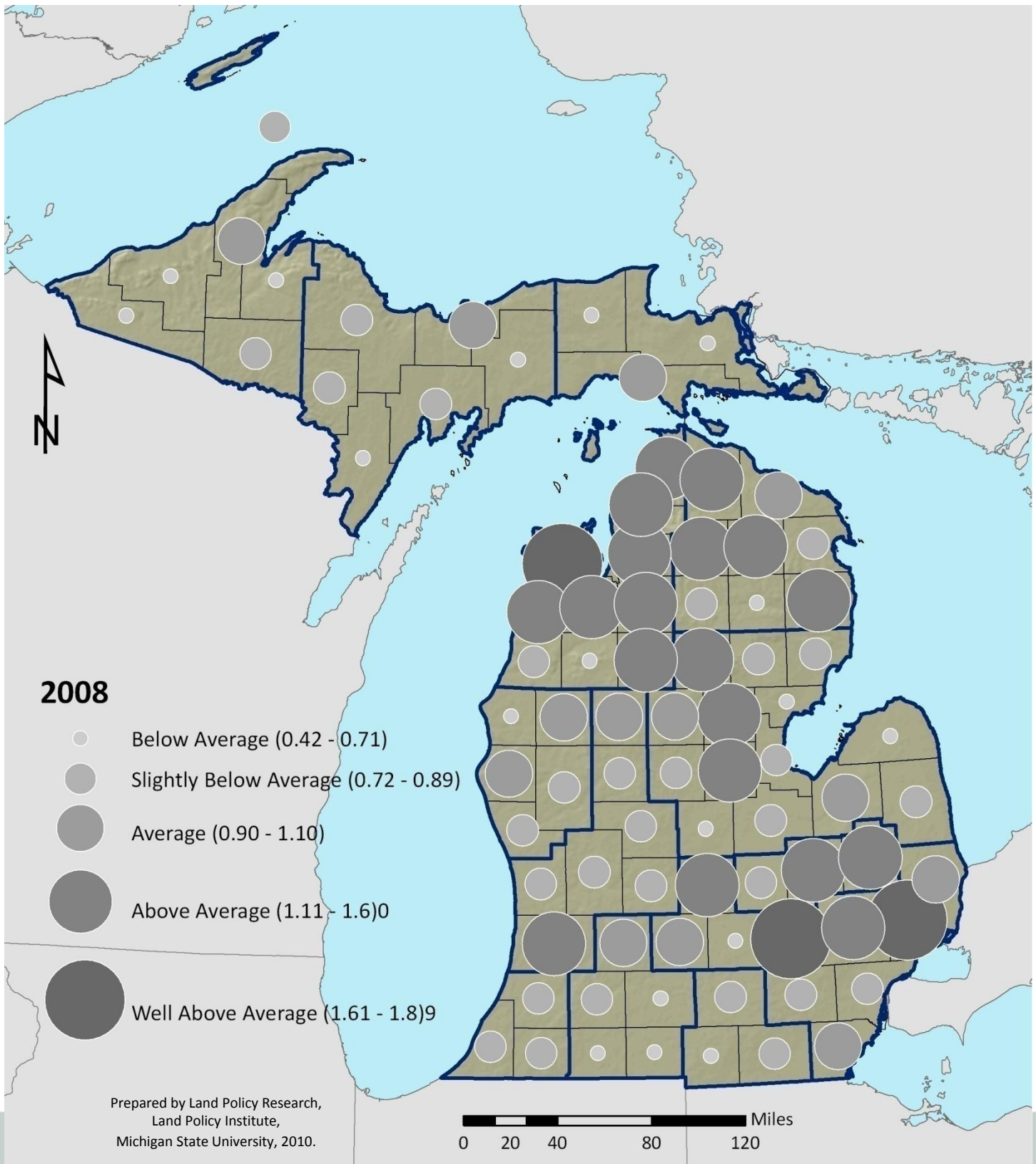
Regional Location Quotient Distribution



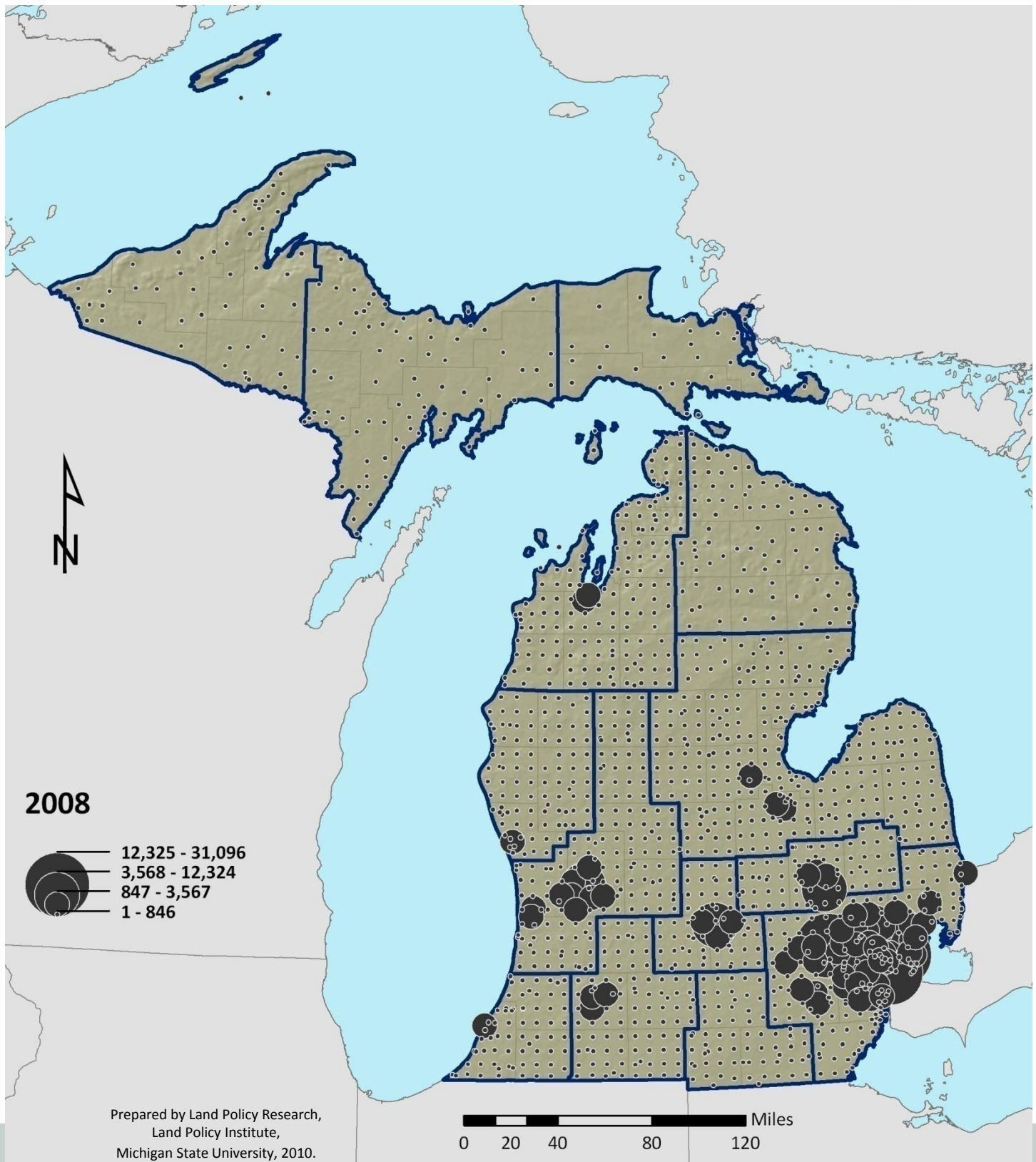
Change in Regional Location Quotient Distribution 2002-2008



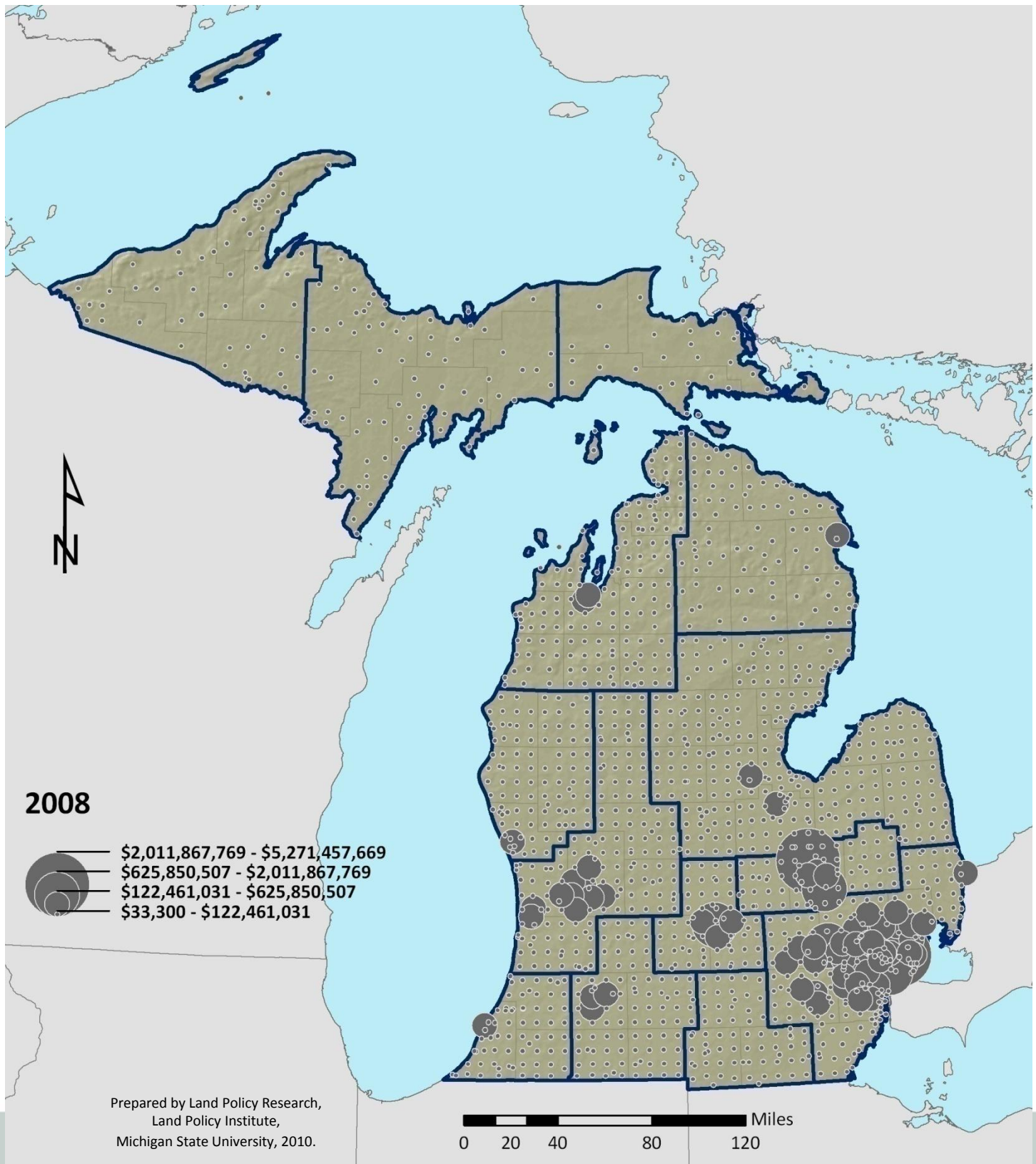
County Location Quotient Distribution



Establishments Statewide



Sales Statewide



Employment Statewide

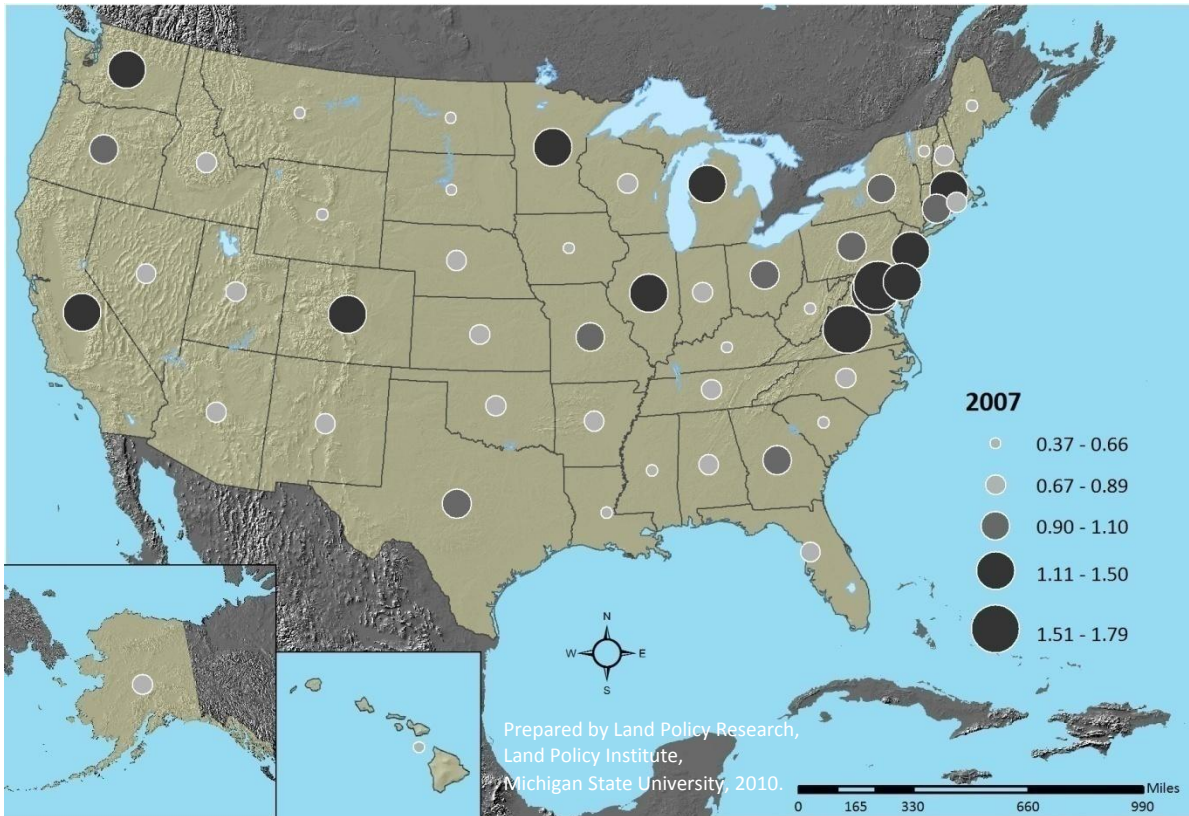


Engineering Technology and Design Cluster Analysis

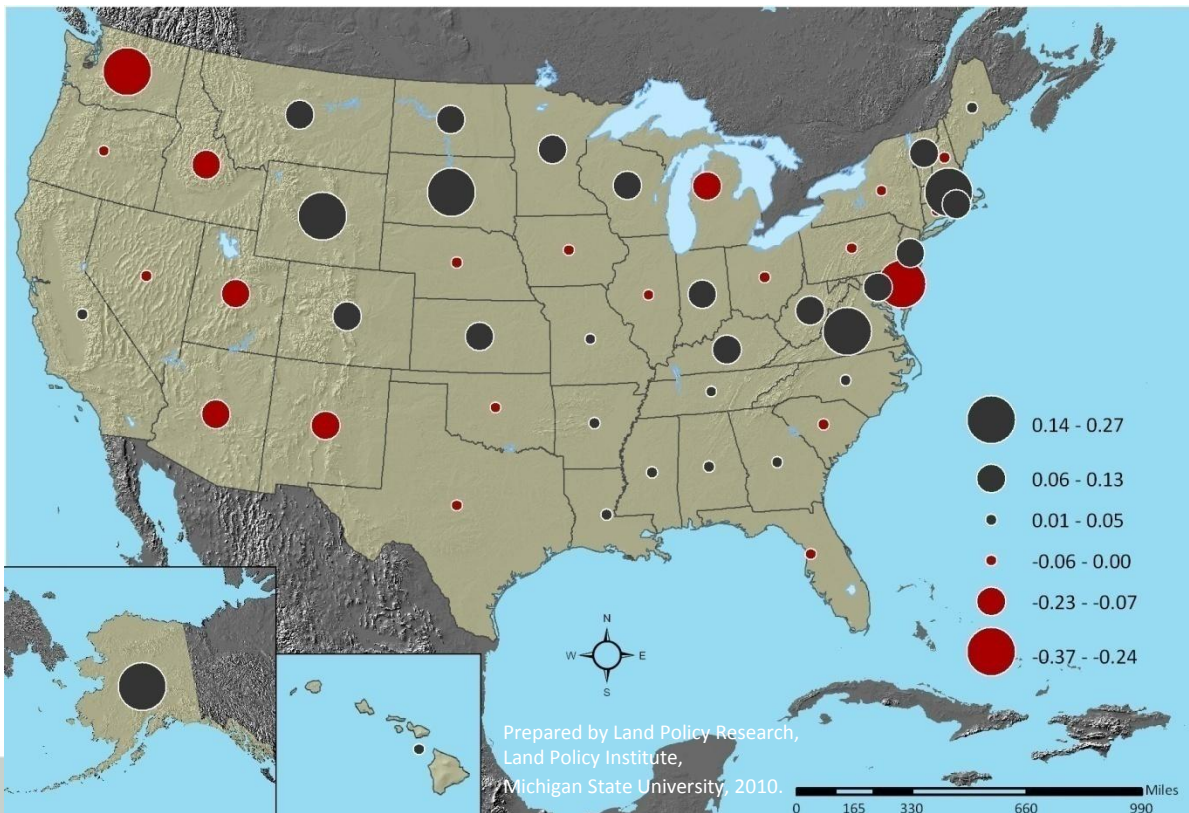
This cluster encompasses establishments in areas such as architects, engineers, advanced design, and process design (for a complete specification see Appendix 1). Michigan has historical strengths in engineering and technology design stemming from its position in the automotive sector. This cluster has high potential in the New Economy especially as it relates to green innovation, high tech product design, and creating an export market for this expertise to developing economies.



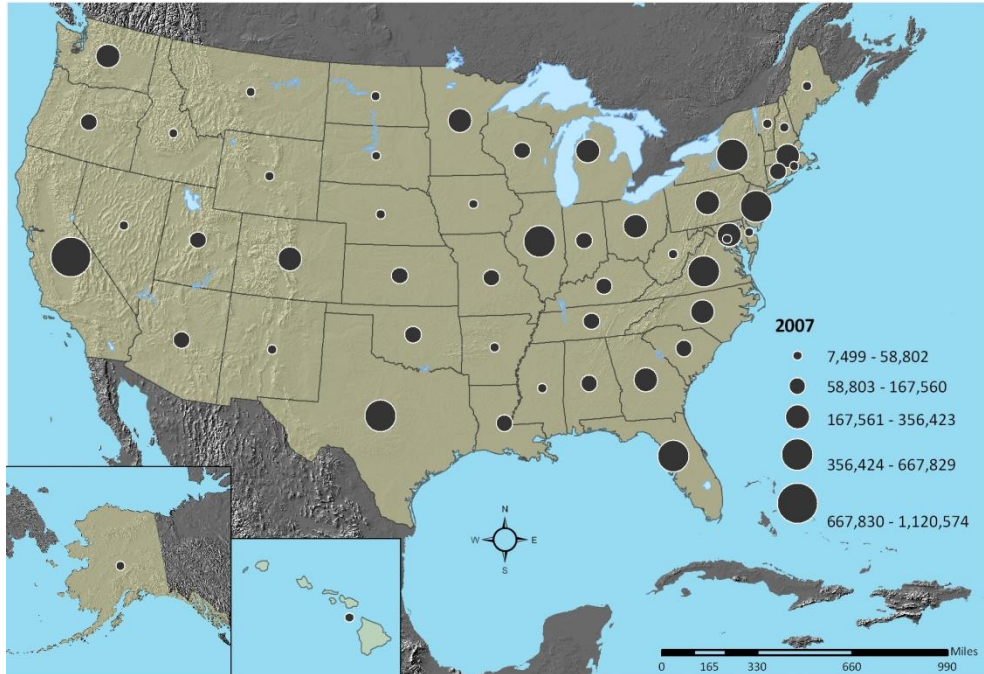
National Location Quotient



Change in Location Quotient 2003-2007

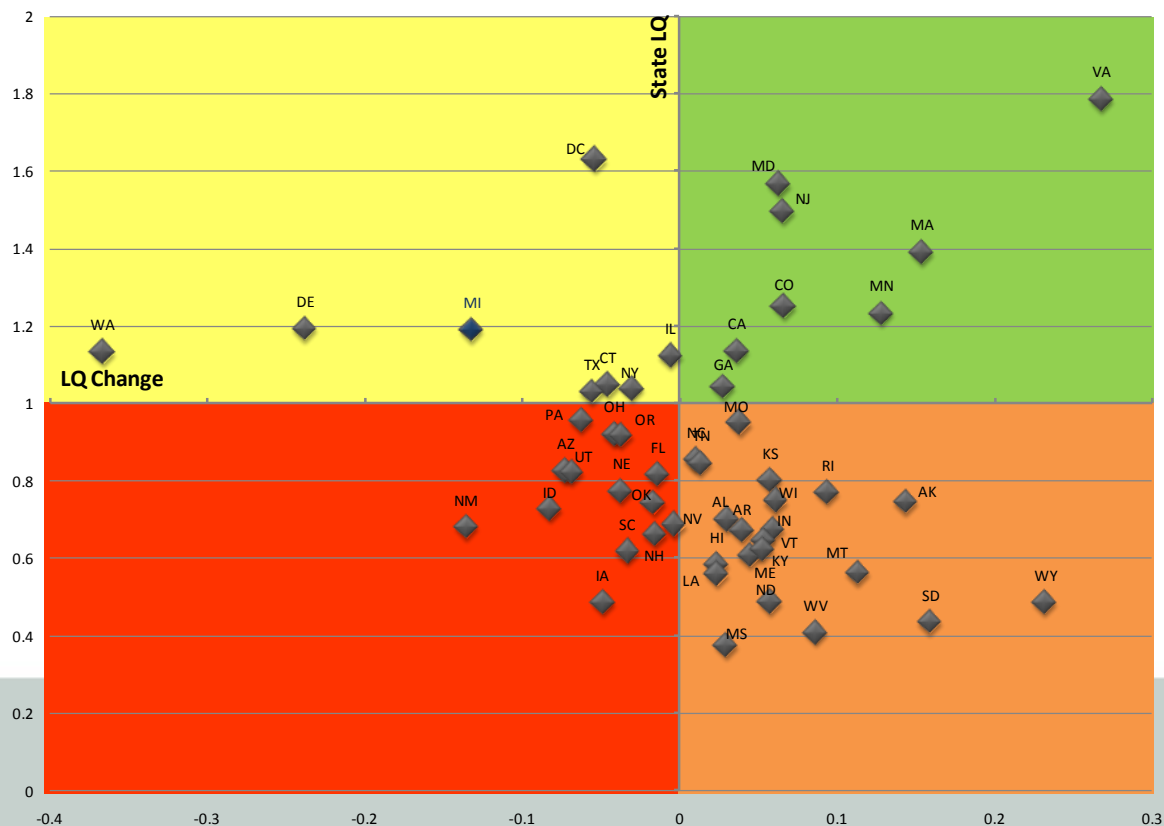


National Employment Distribution

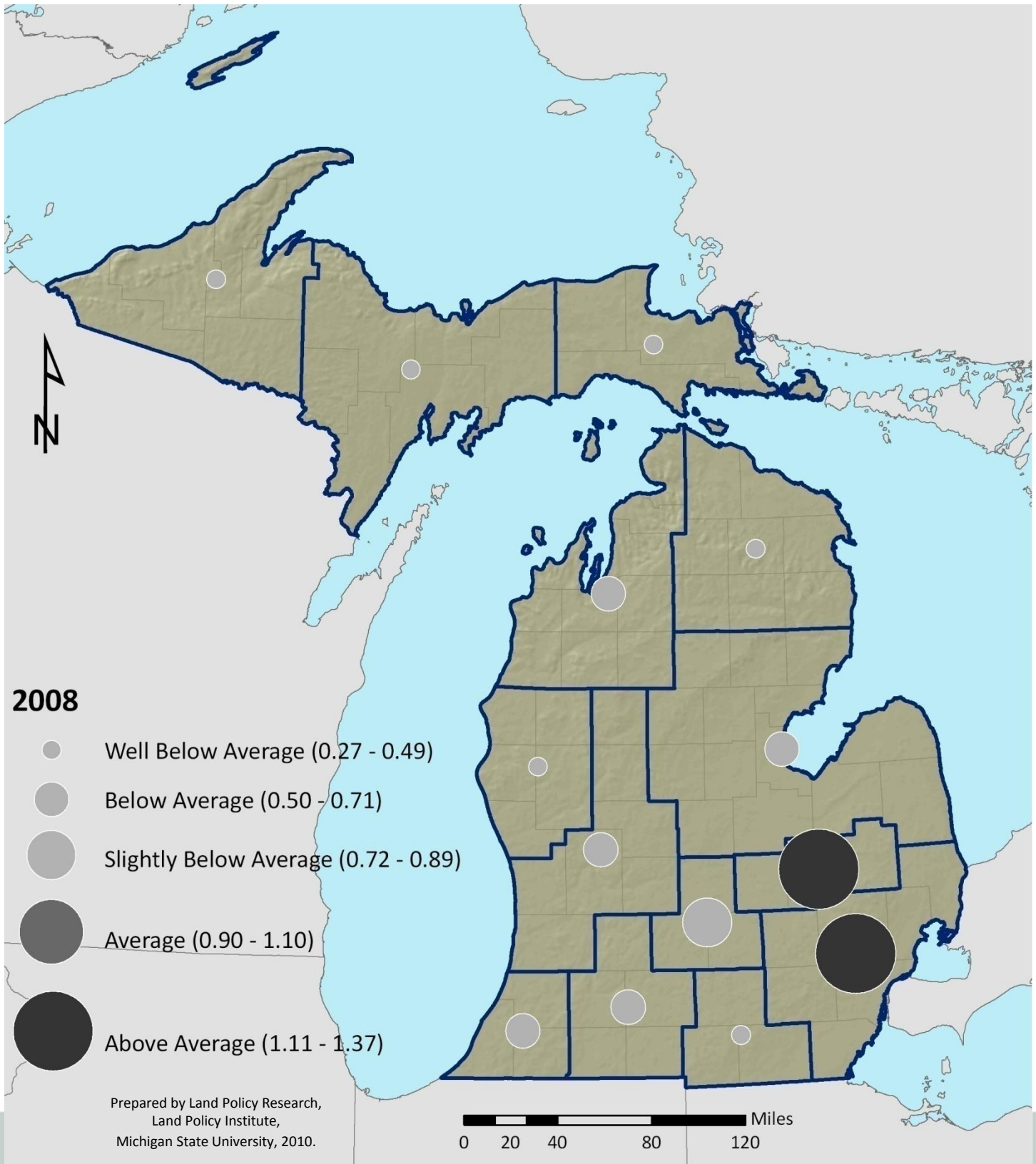


50 State Location Quotient Distribution

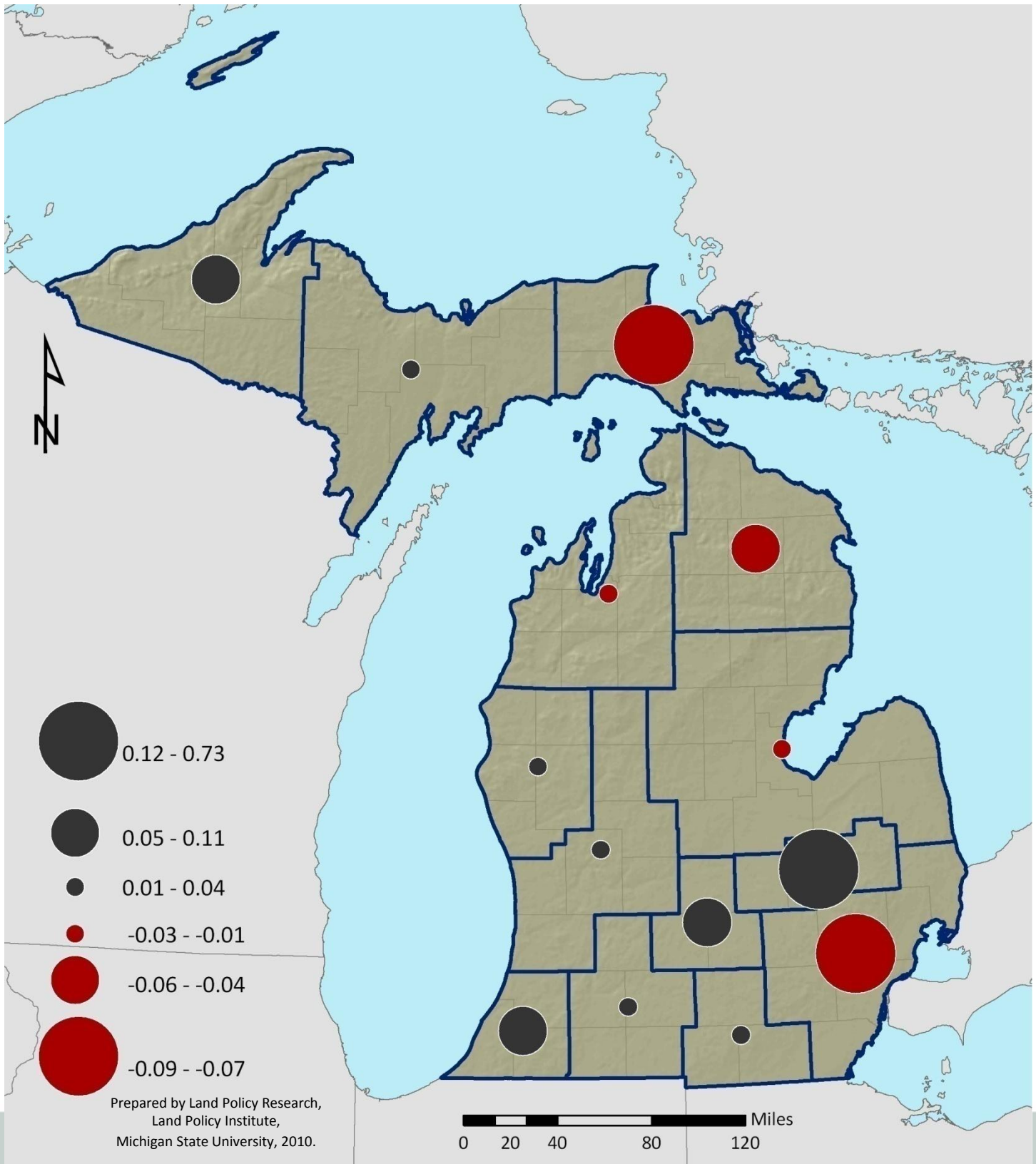
Engineering, Technology and Design State LQ Chart



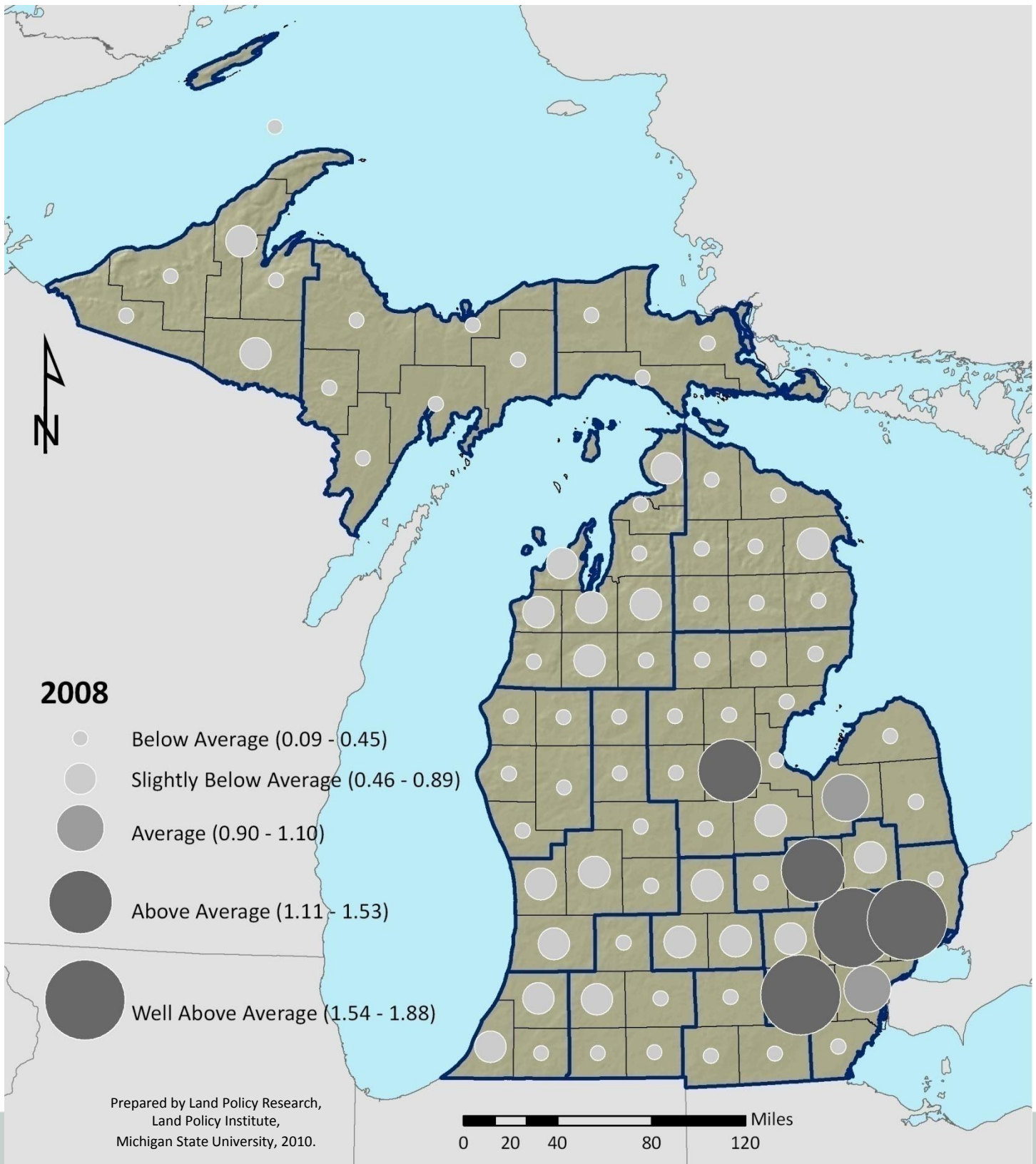
Regional Location Quotient Distribution



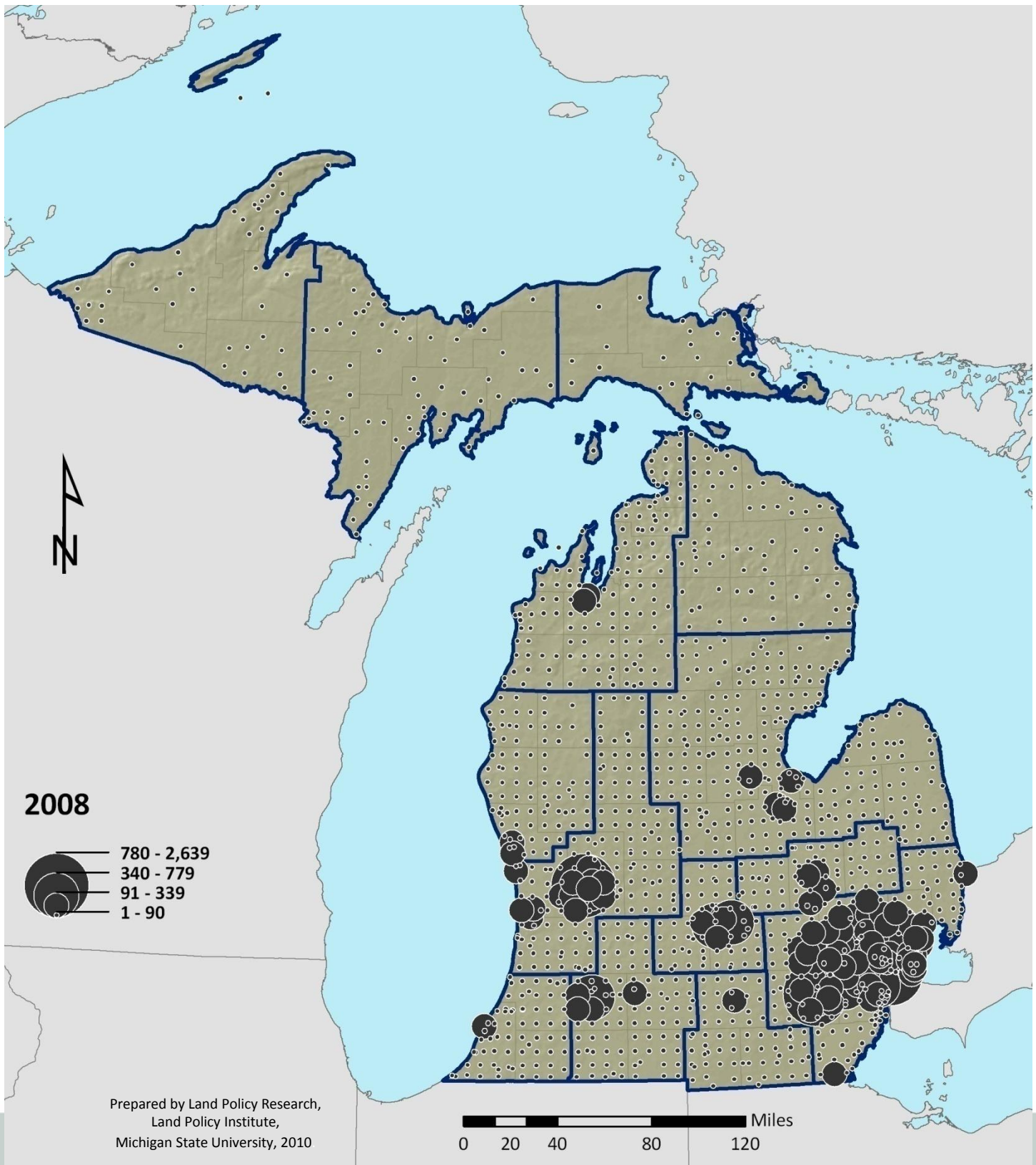
Change in Regional Location Quotient Distribution 2002-2008



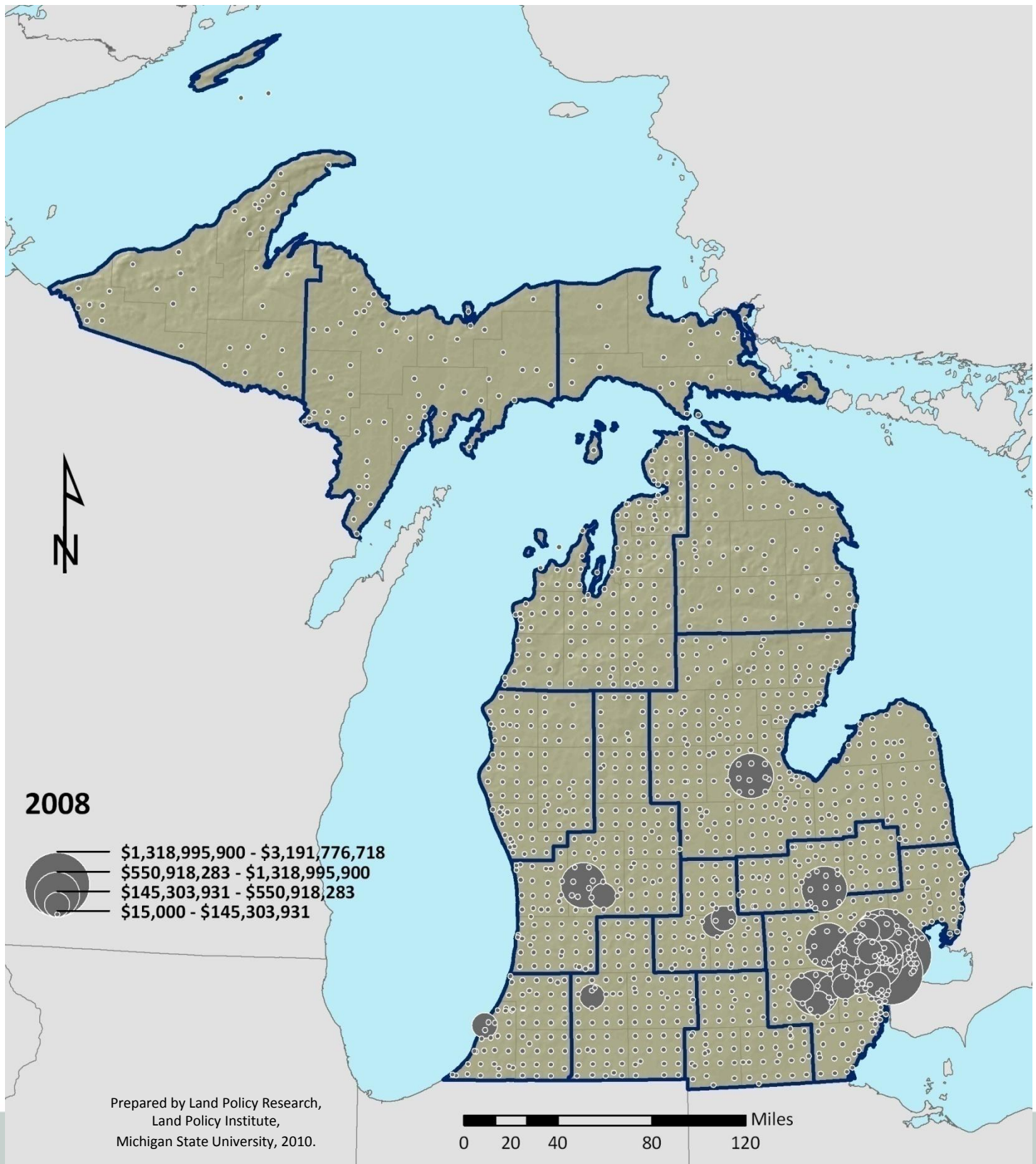
County Location Quotient Distribution



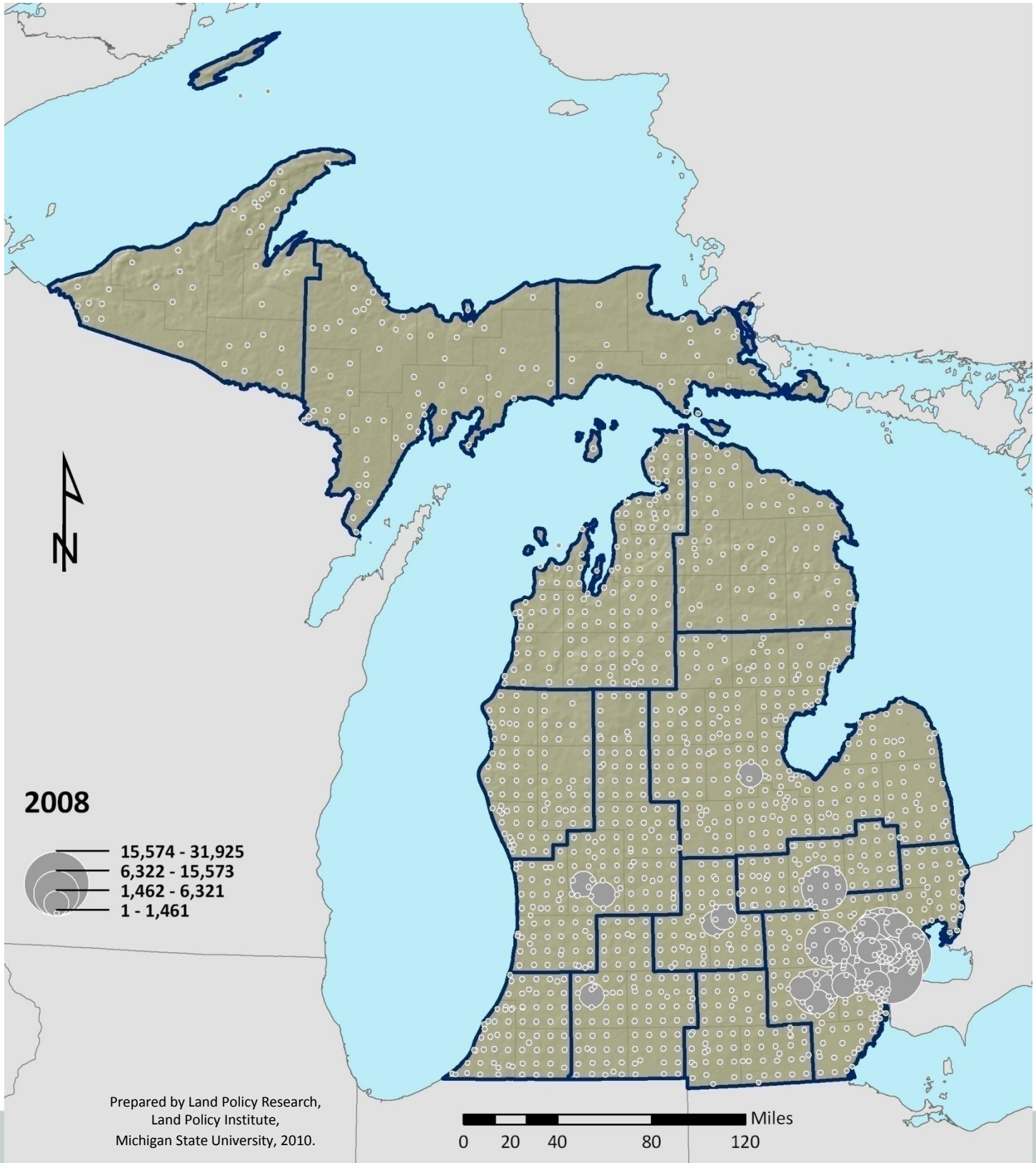
Establishments Statewide



Sales Statewide



Employment Statewide

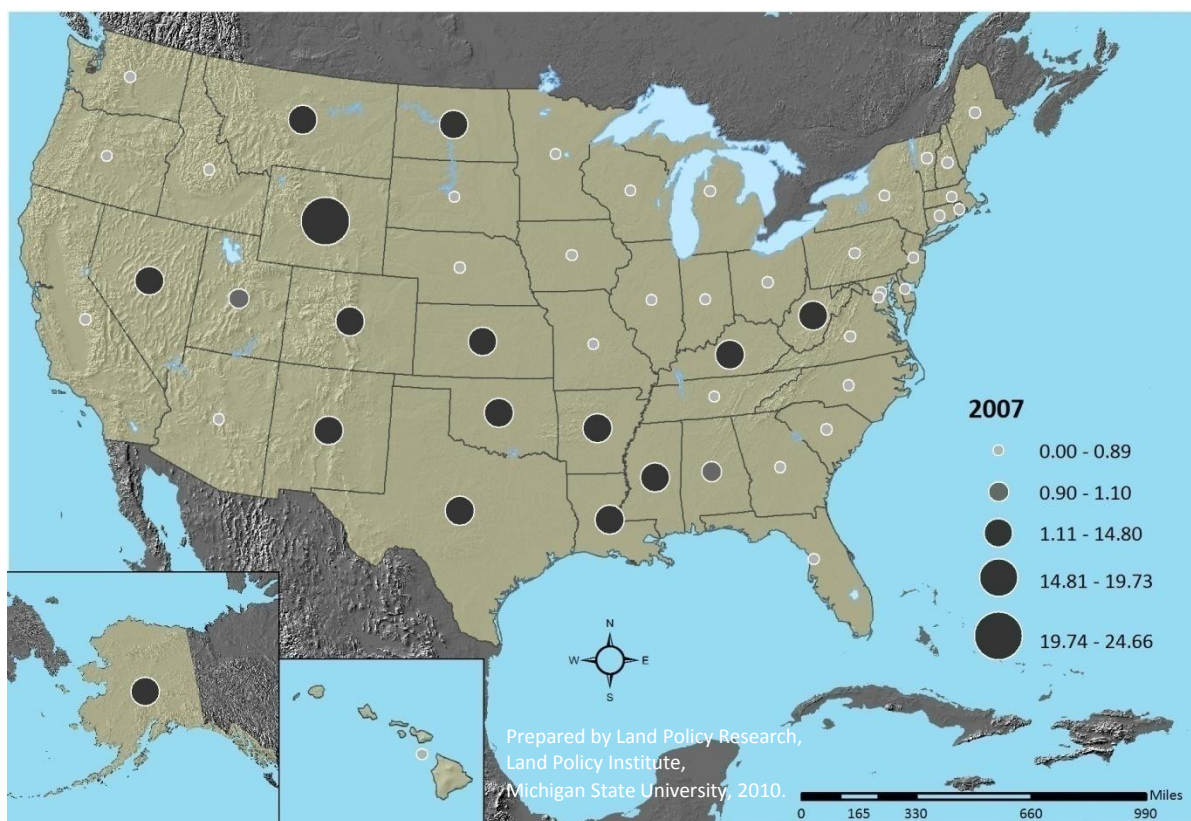


Mining Cluster Analysis

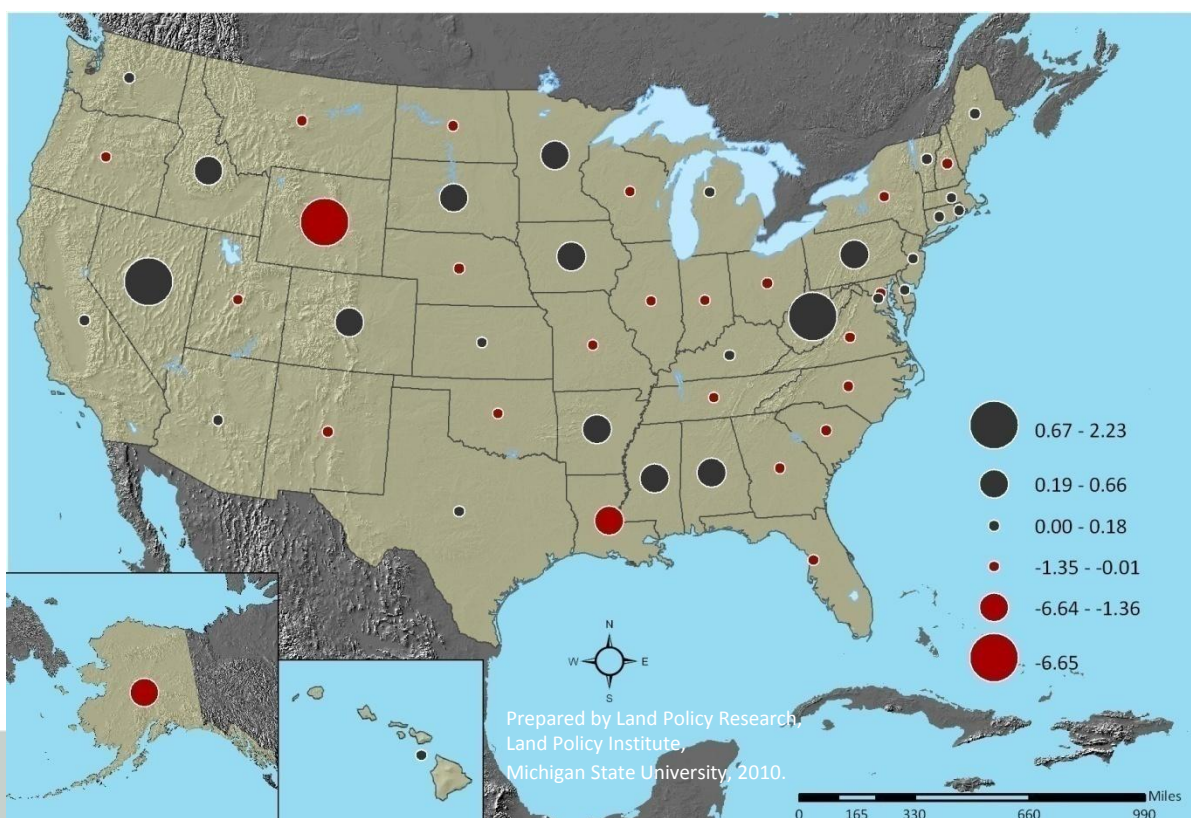
This cluster includes the industries directly or indirectly engaged in mining (for a complete specification see Appendix 1). Michigan has traditionally supported a solid mining sector that is bolstered by our natural assets.



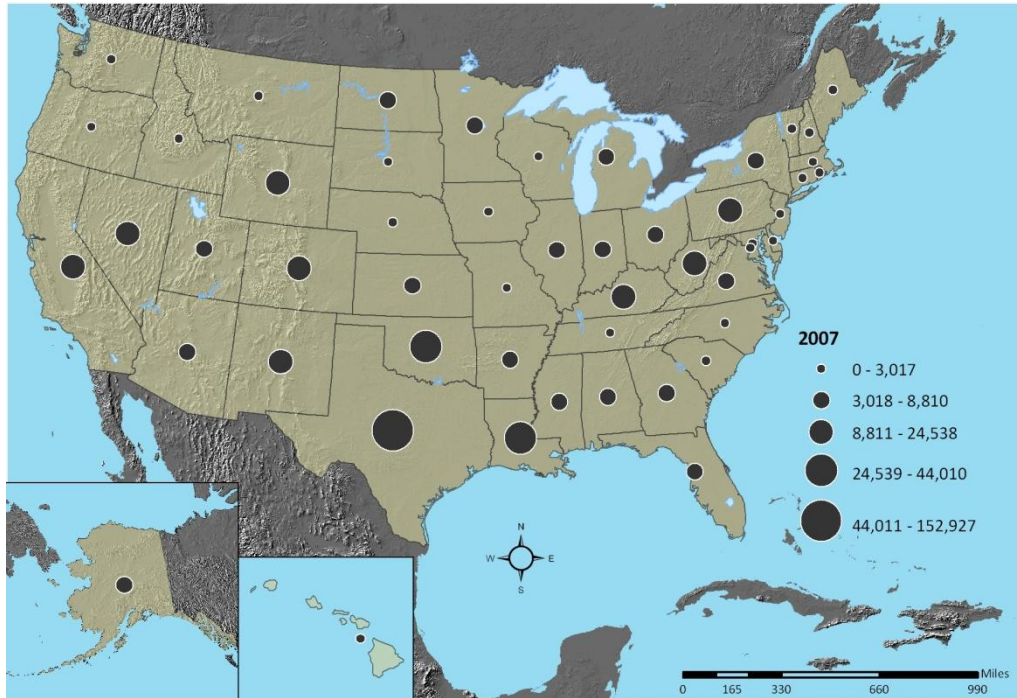
National Location Quotient



Change in Location Quotient 2003-2007

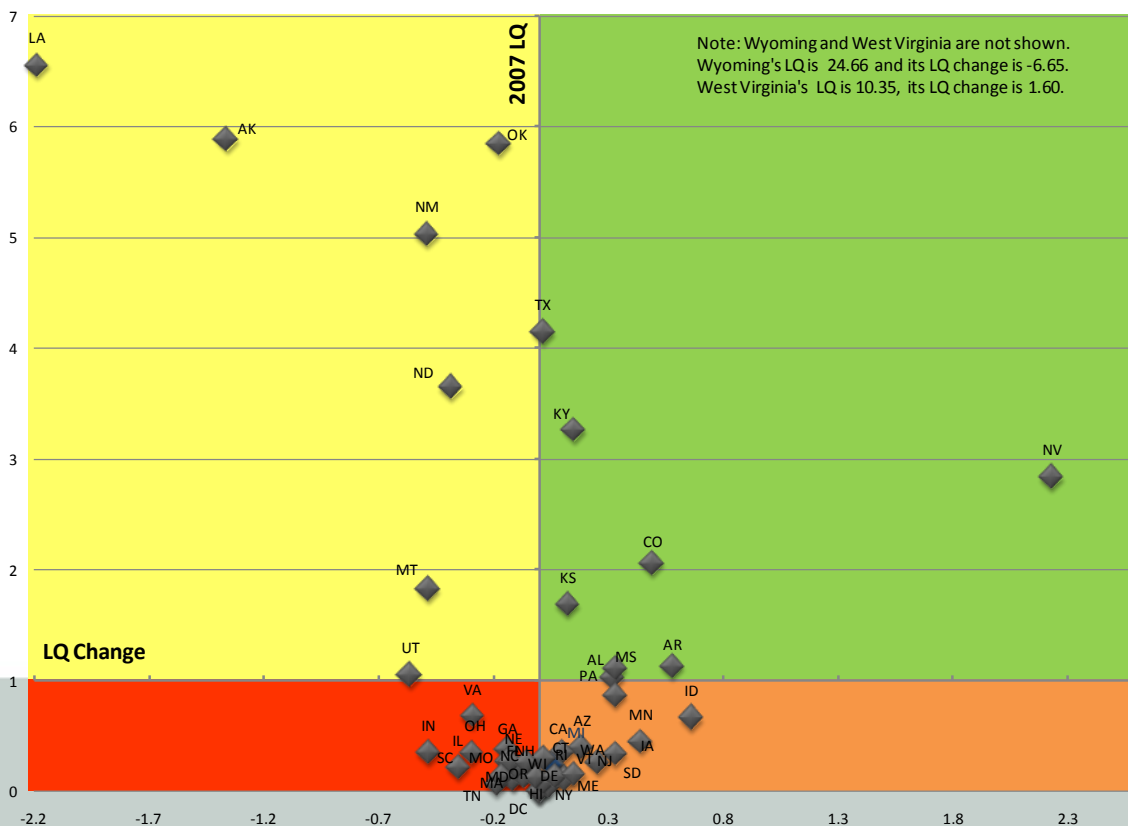


National Employment Distribution

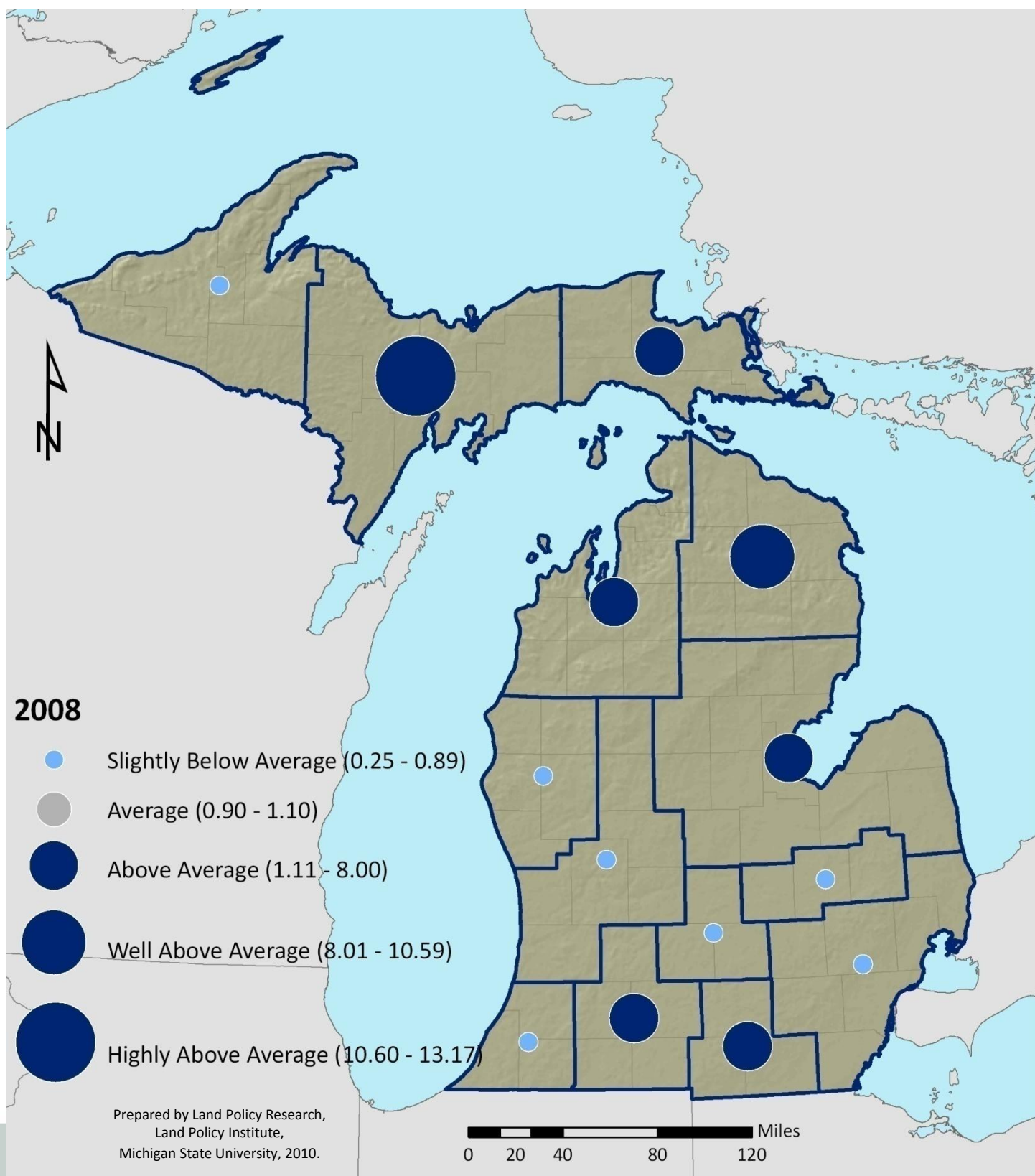


50 State Location Quotient Distribution

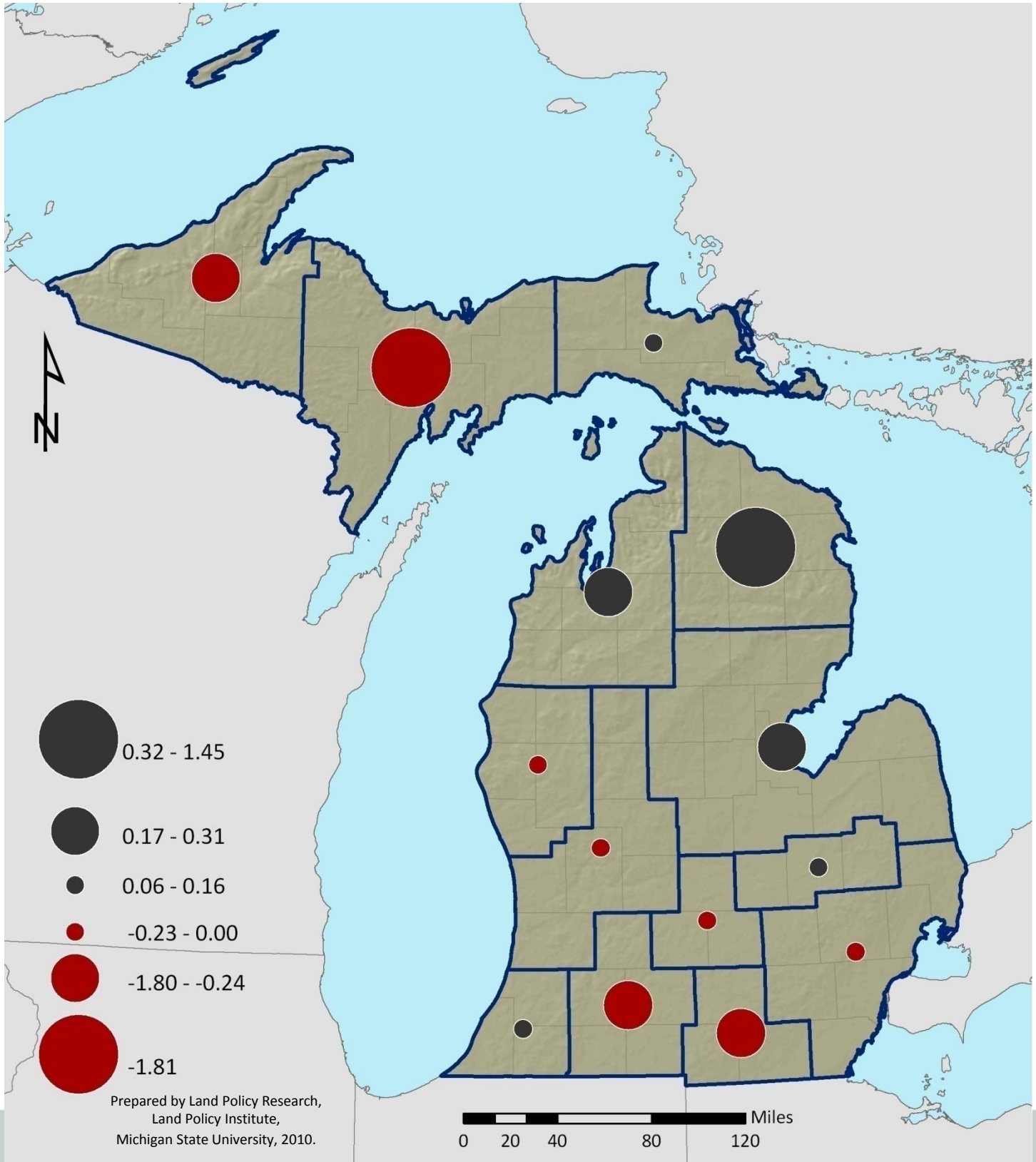
Mining State LQ Chart



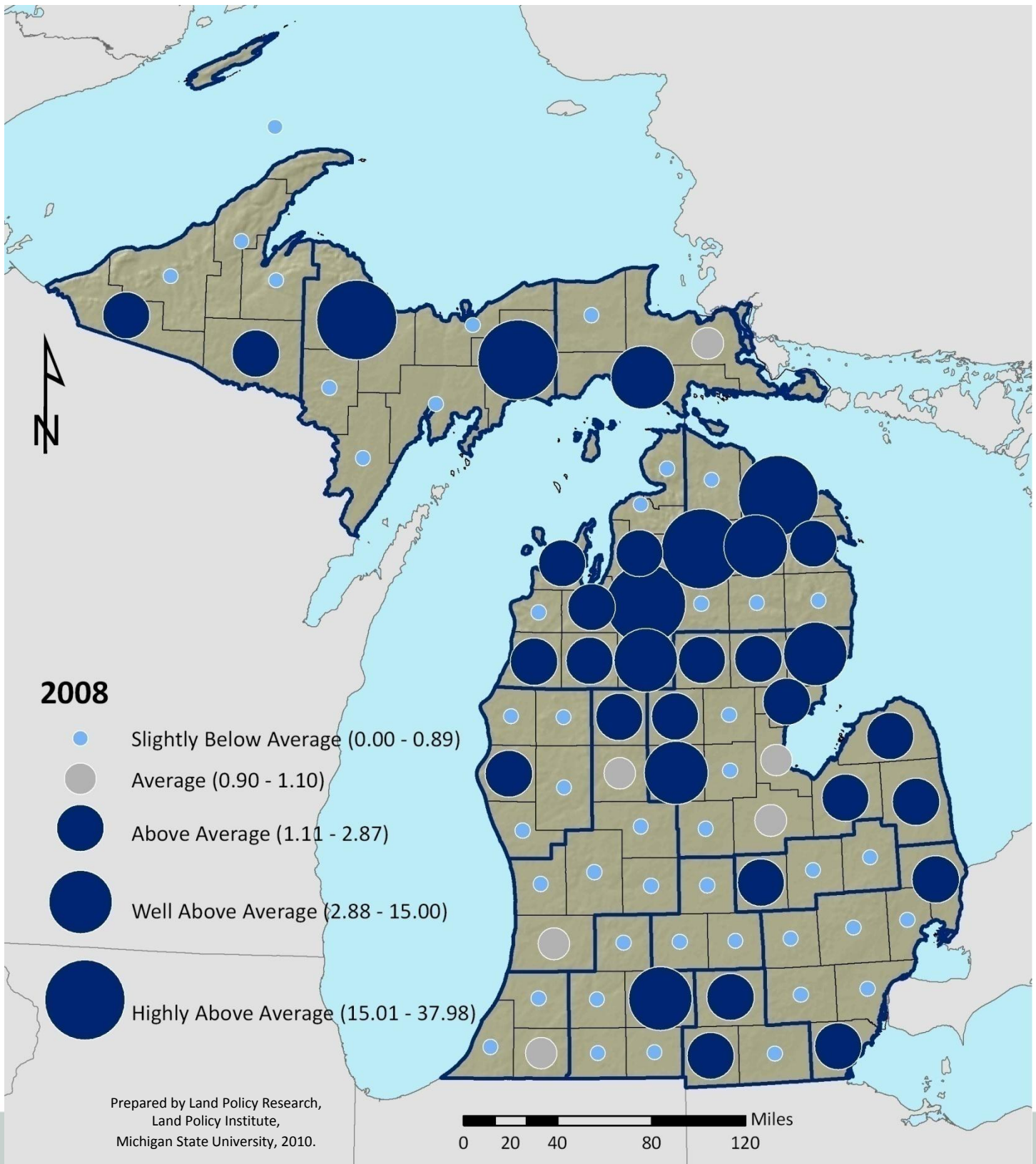
Regional Location Quotient Distribution



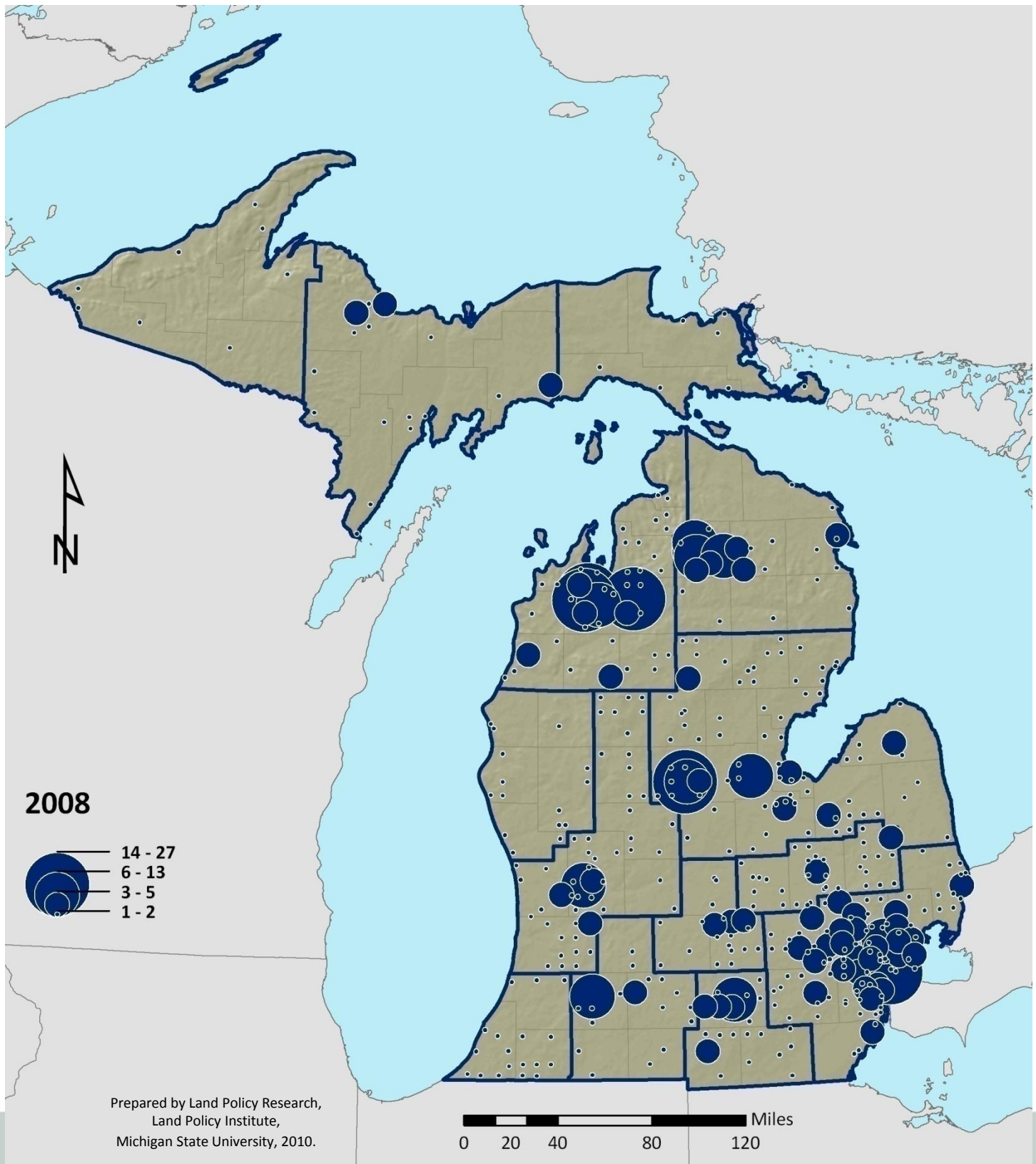
Change in Regional Location Quotient Distribution 2002-2008



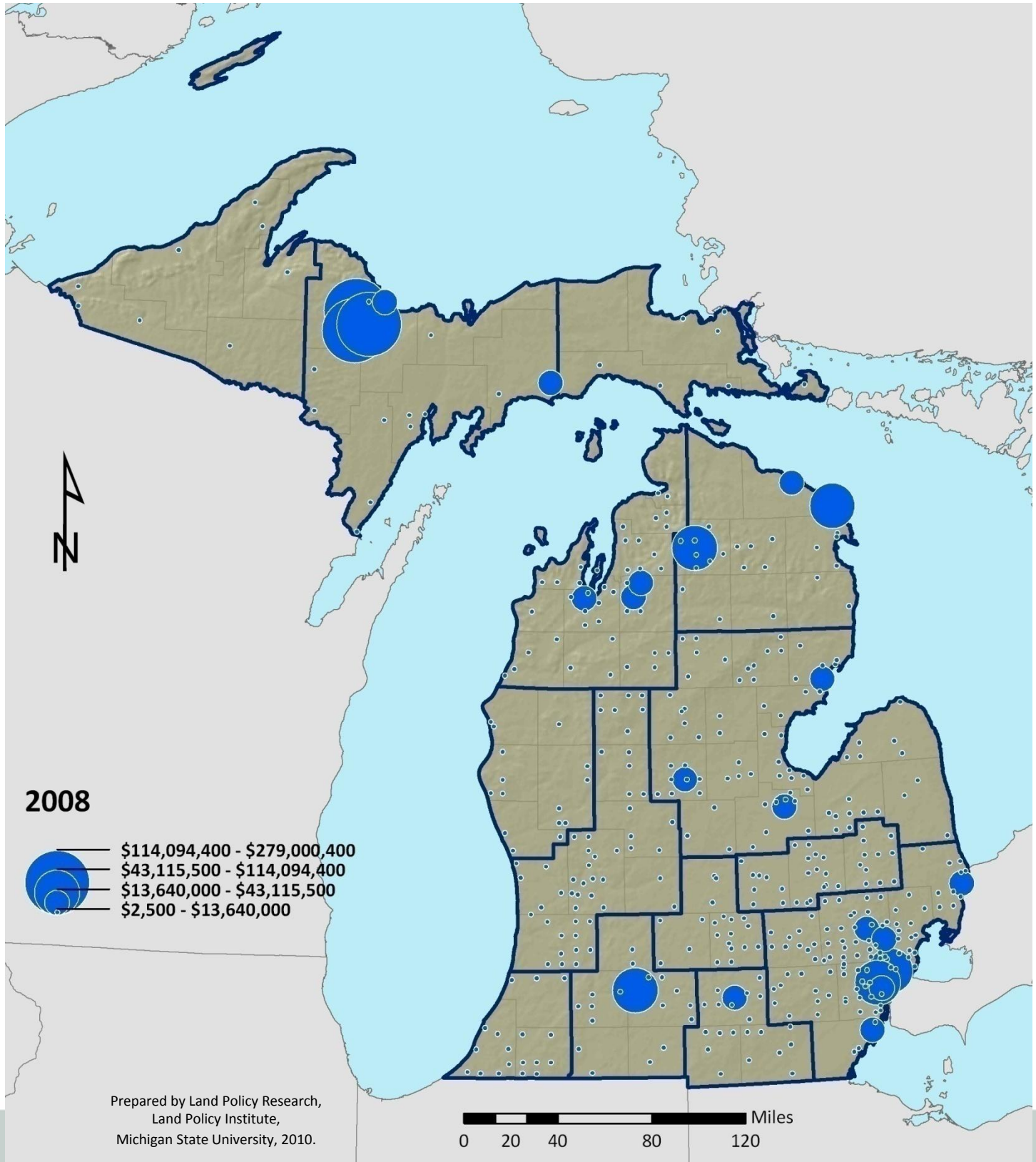
County Location Quotient Distribution



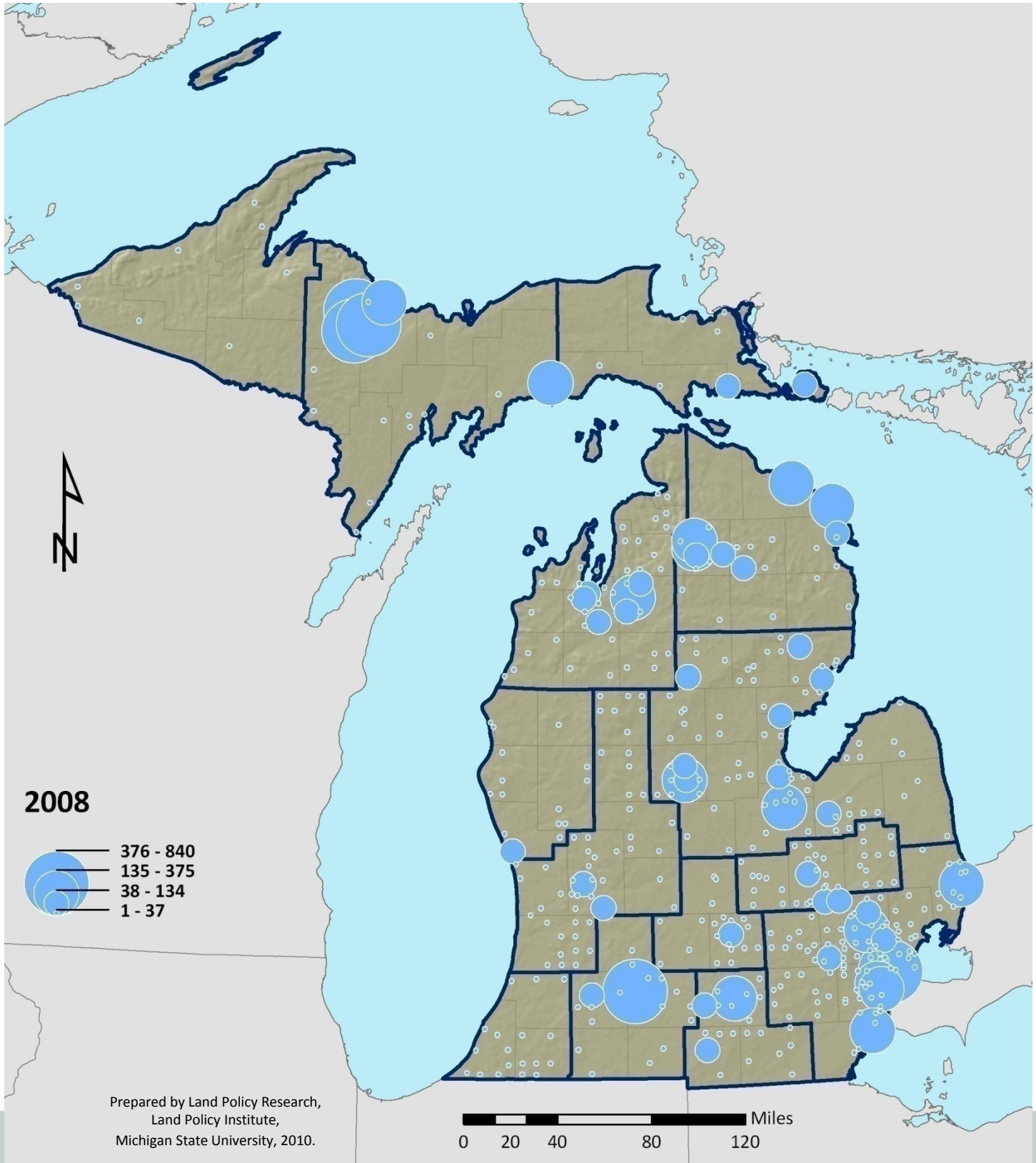
Establishments Statewide



Sales Statewide



Employment Statewide

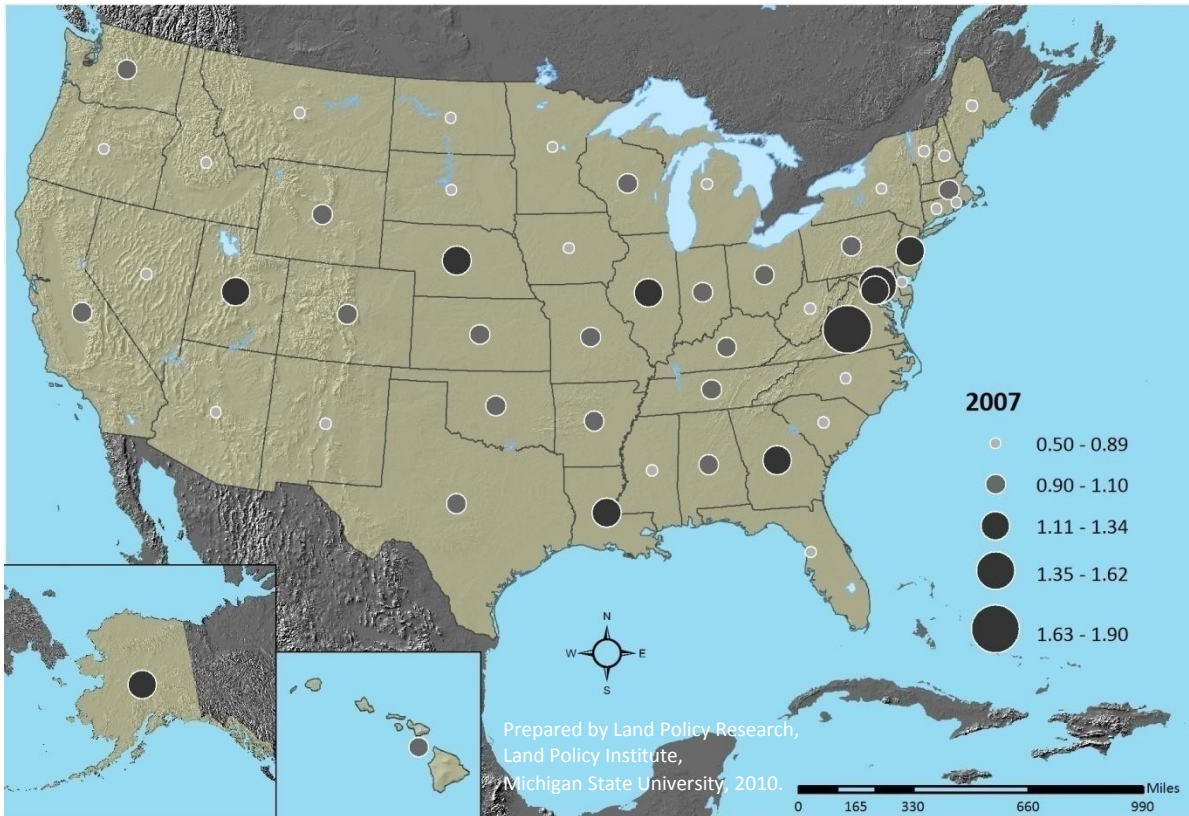


Supply Chain and Logistics Cluster Analysis

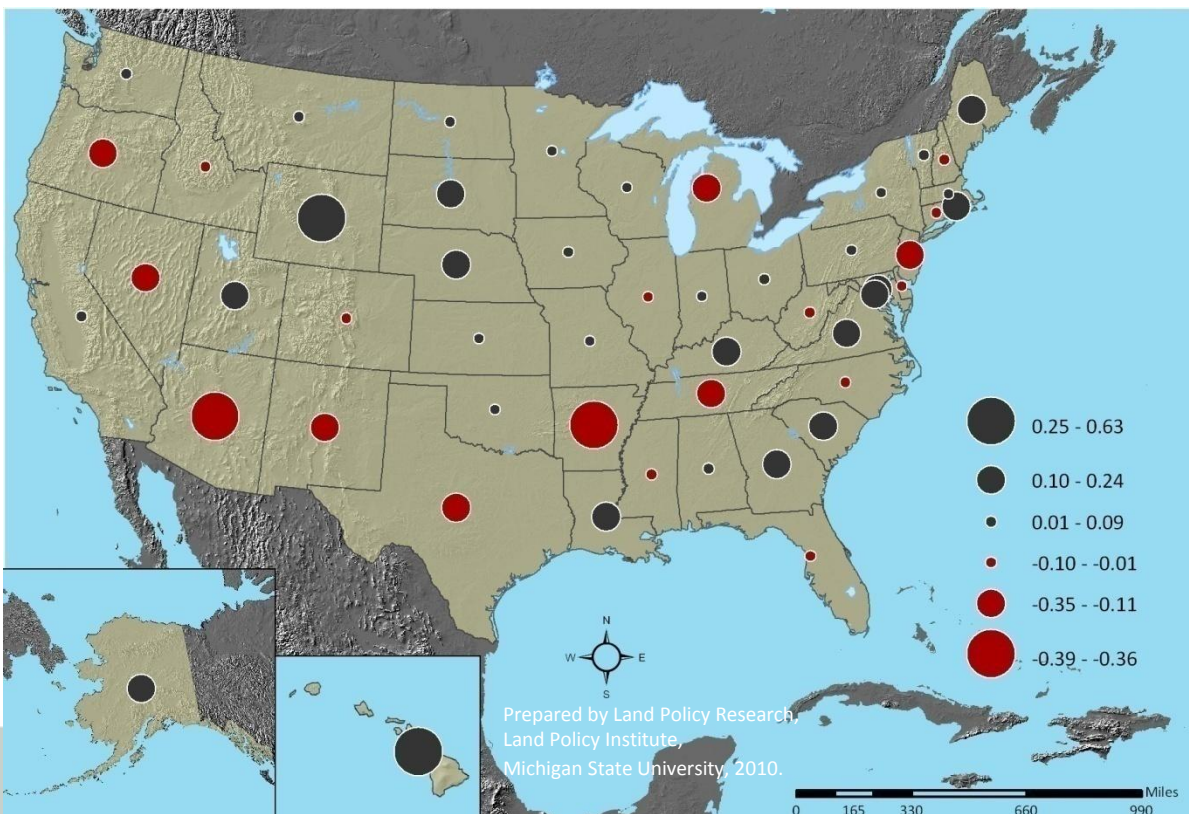
This cluster includes the logistical services, transportation, shipping, warehousing etc. (for a complete specification see Appendix 1). This cluster has become highly sophisticated in Michigan in support of the auto industry and this expertise could now transfer well to other segments of the economy as well as serve in developing countries.



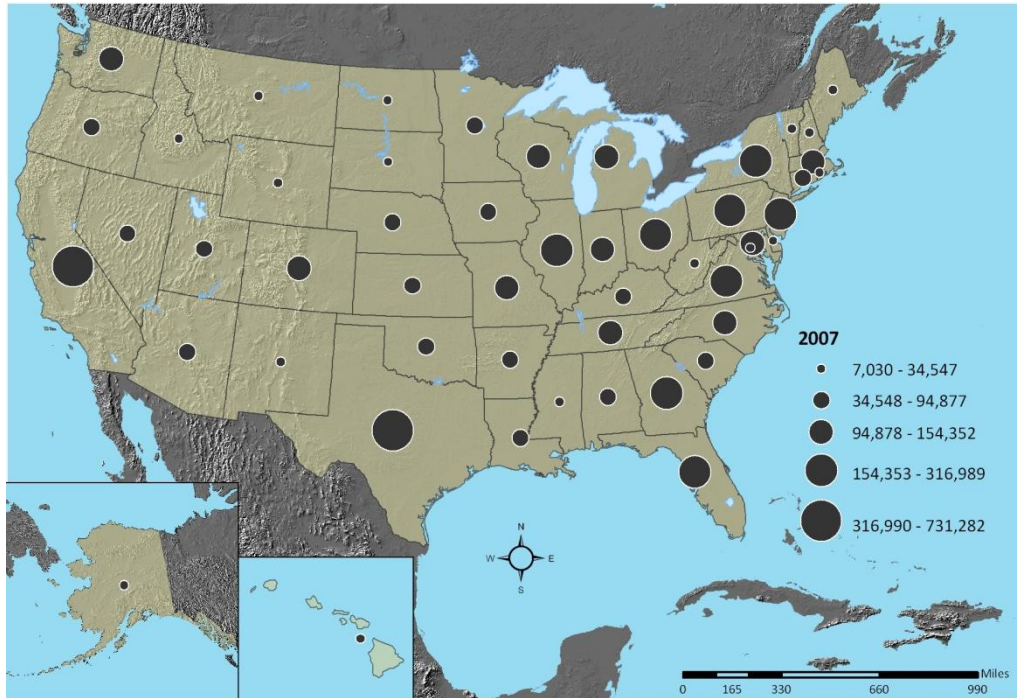
National Location Quotient



Change in Location Quotient 2003-2007



National Employment Distribution

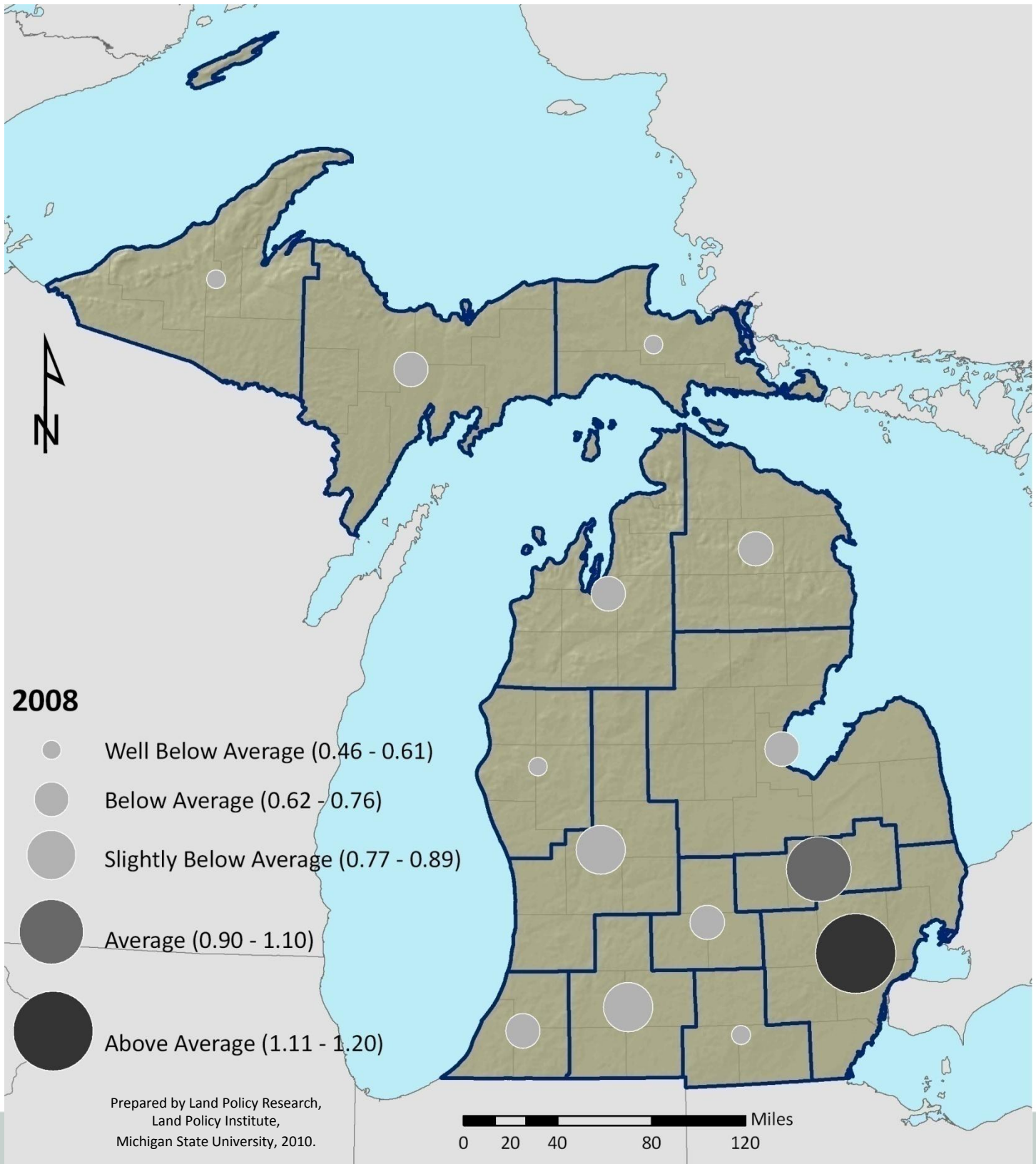


50 State Location Quotient Distribution

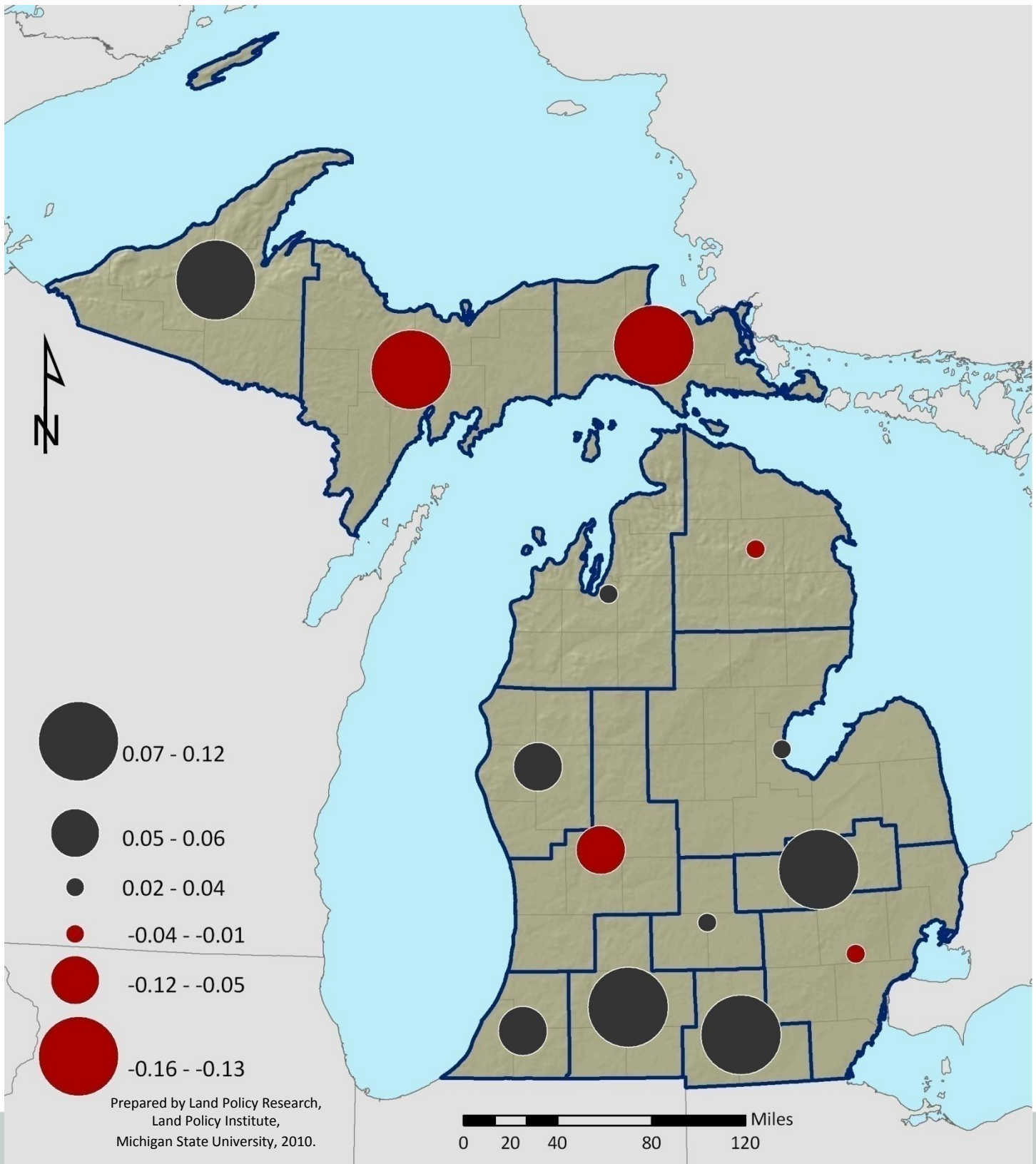
Supply Chain and Logistics State LQ Chart



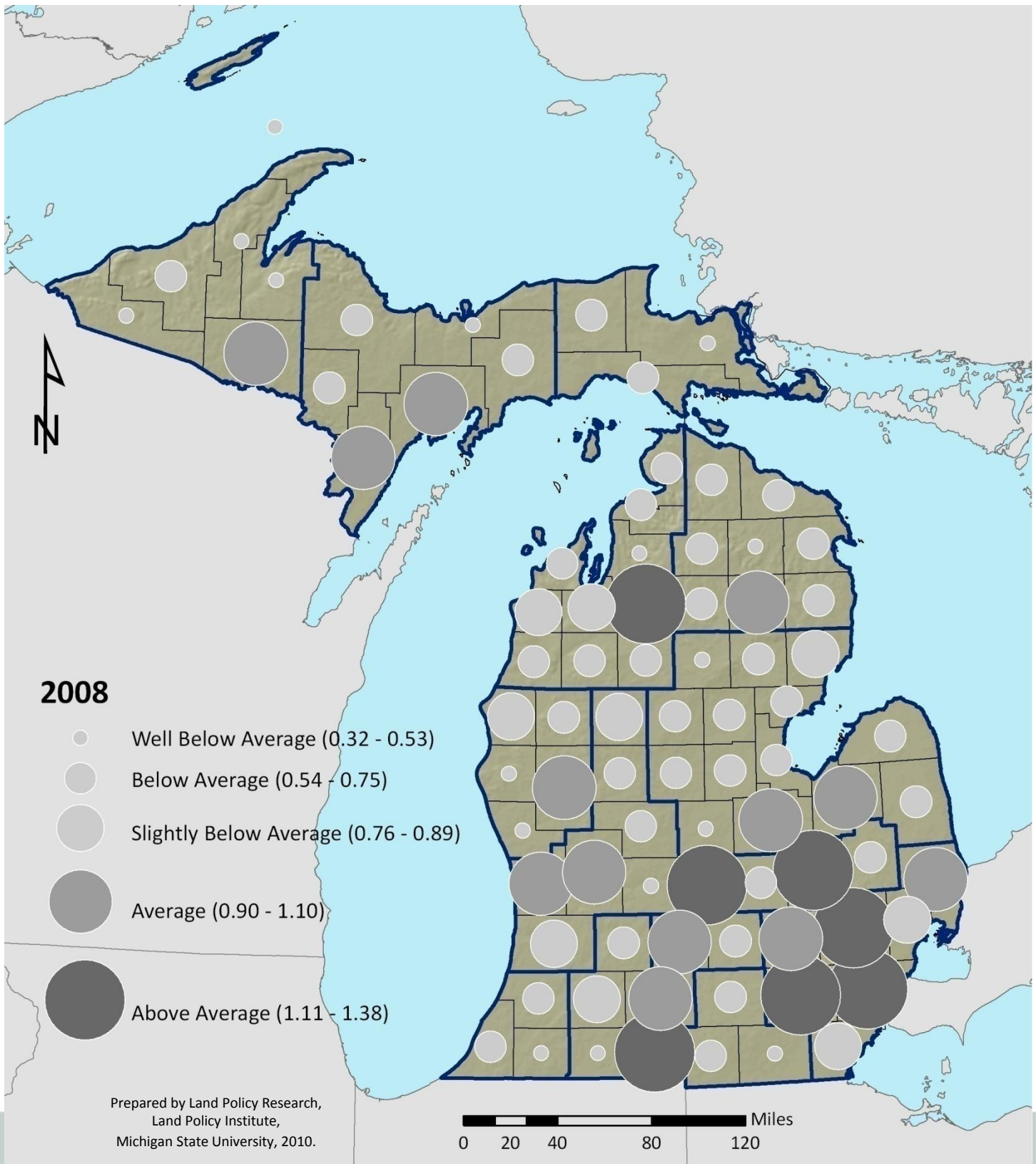
Regional Location Quotient Distribution



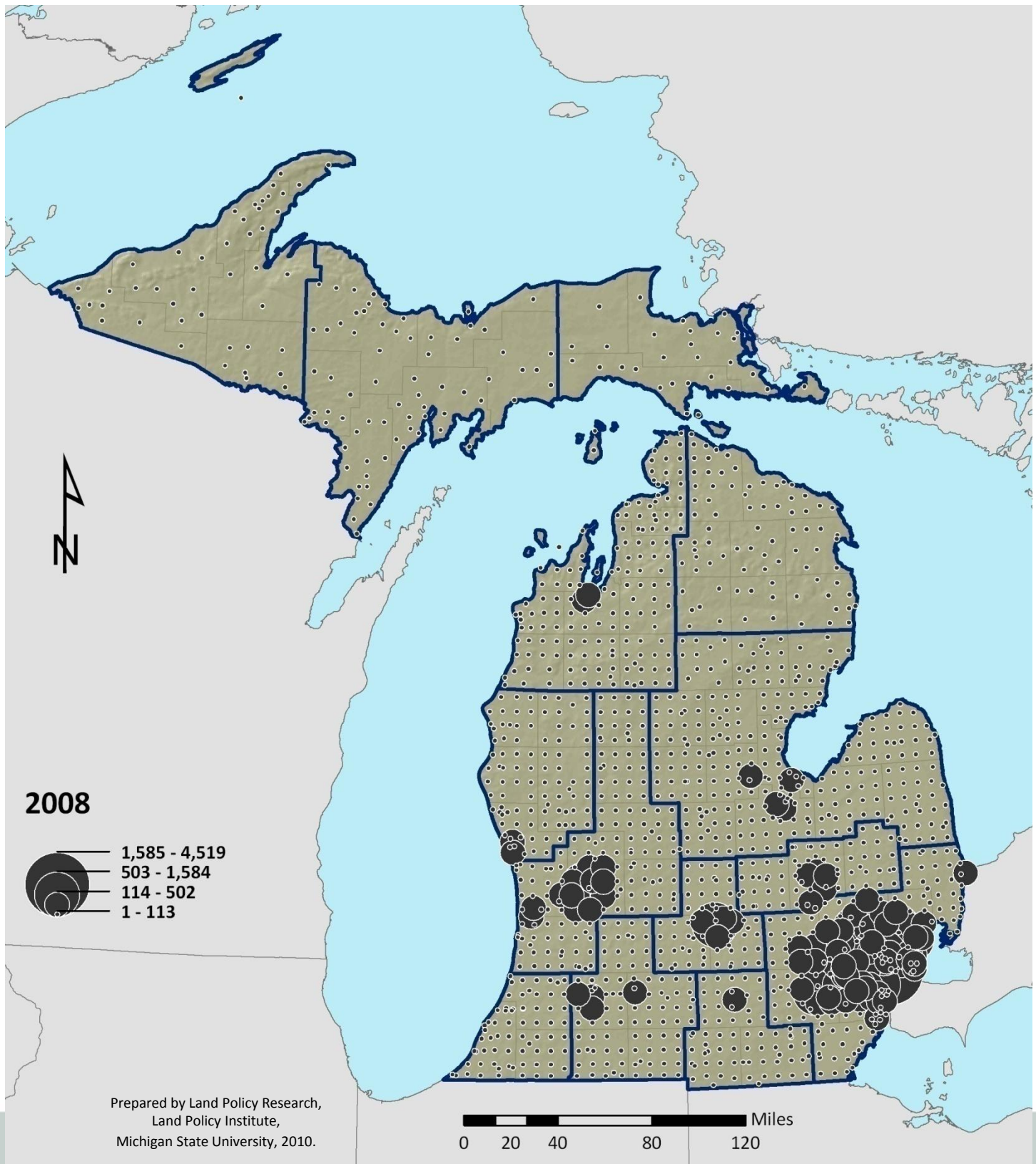
Change in Regional Location Quotient Distribution 2002-2008



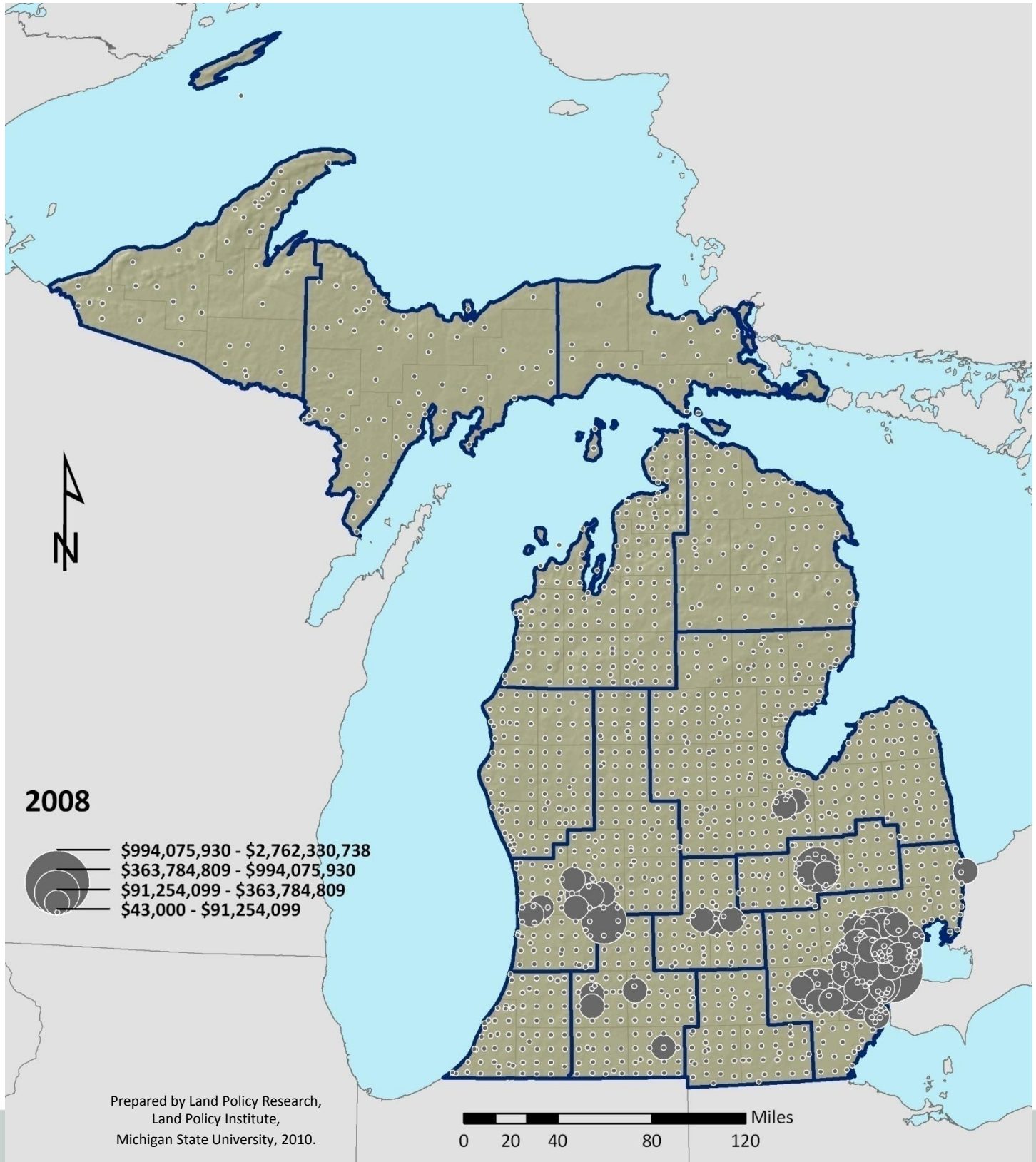
County Location Quotient Distribution



Establishments Statewide



Sales Statewide



Employment Statewide

