

EMERGING OPPORTUNITIES

- Defense and Security Cluster Analysis
- Finance and Insurance Cluster Analysis
- Education and Knowledge Creation Cluster Analysis
- Health Care Cluster Analysis
- Life Sciences Cluster Analysis

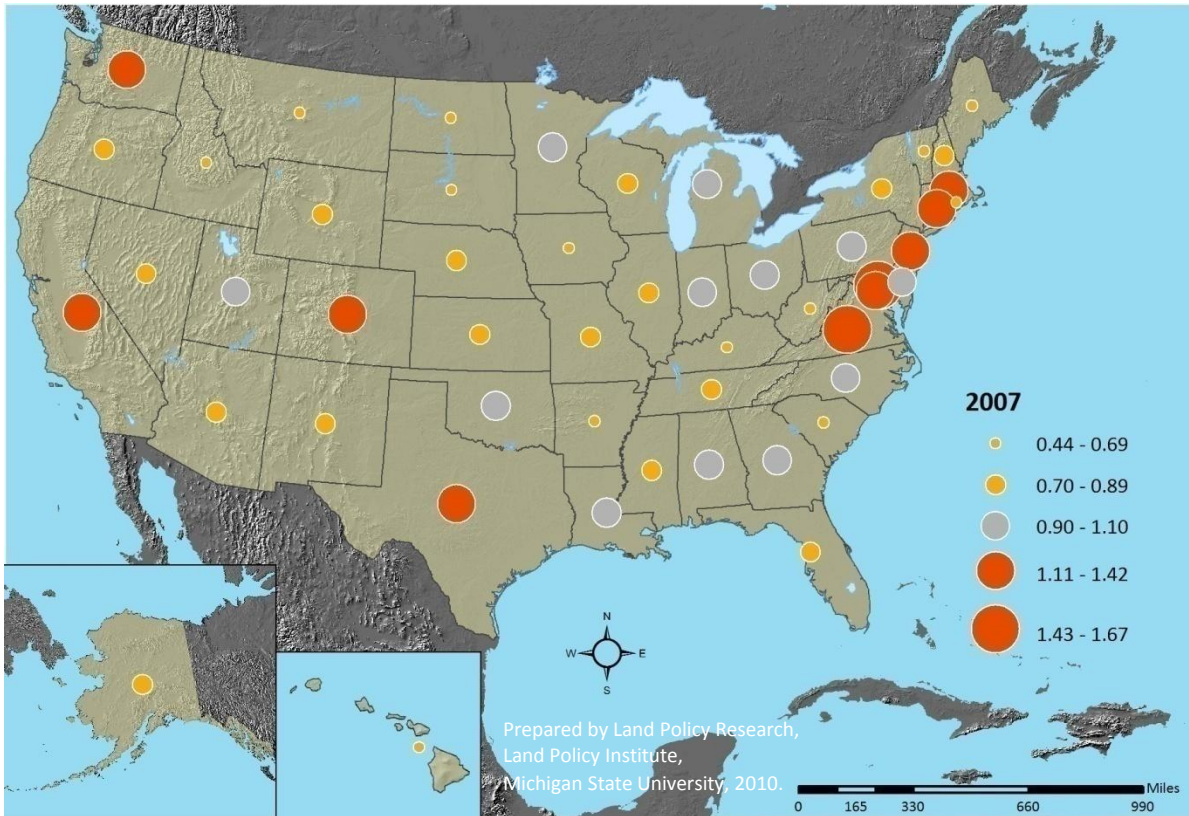


Defense and Security Cluster Analysis

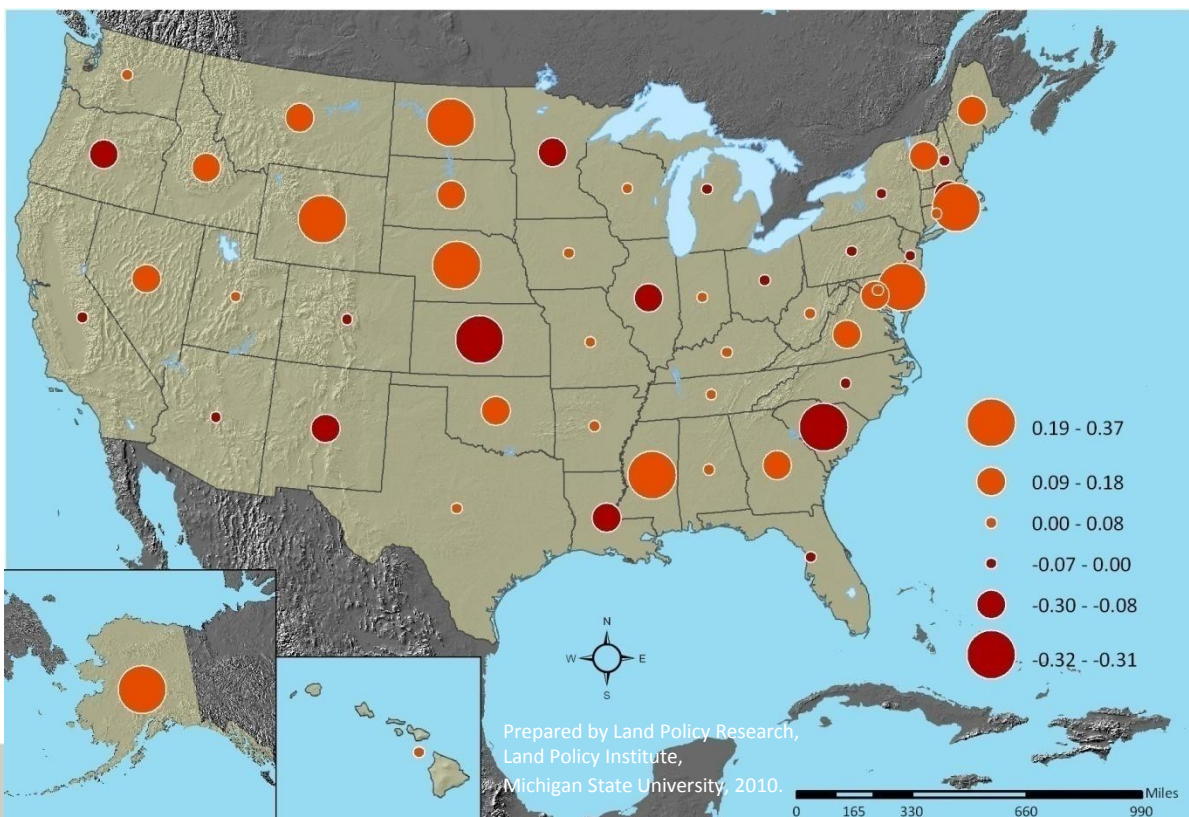
The defense and security cluster includes those industries engaged in analysis, design, manufacturing, administration and security (for a complete specification see Appendix 1). This sector has become a priority for diversification in Michigan's economy.



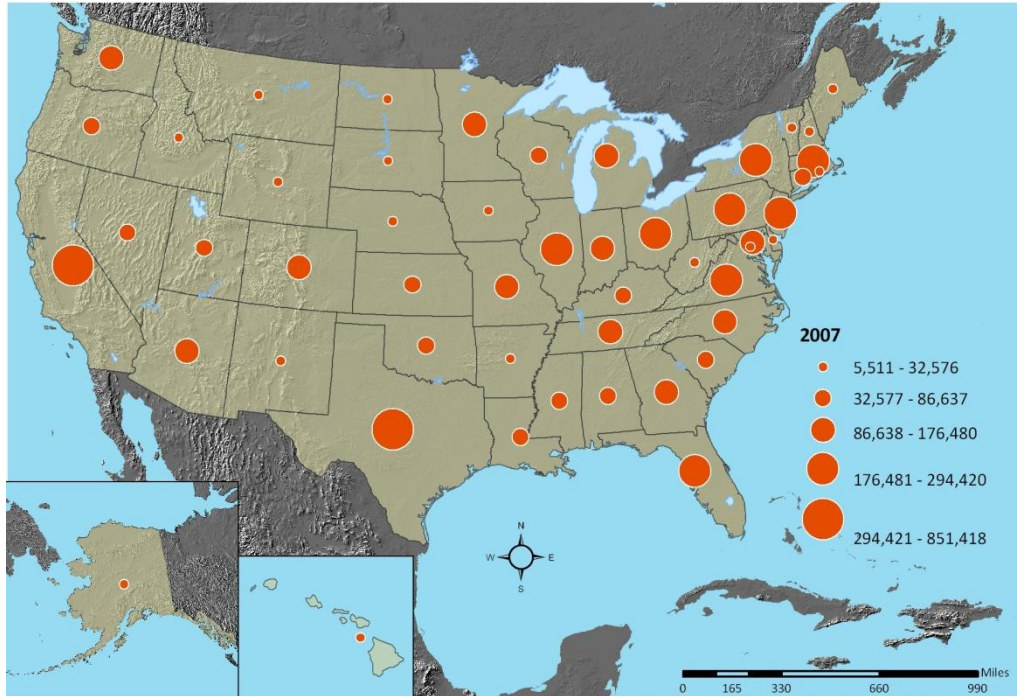
National Location Quotient



Change in Location Quotient 2003-2007

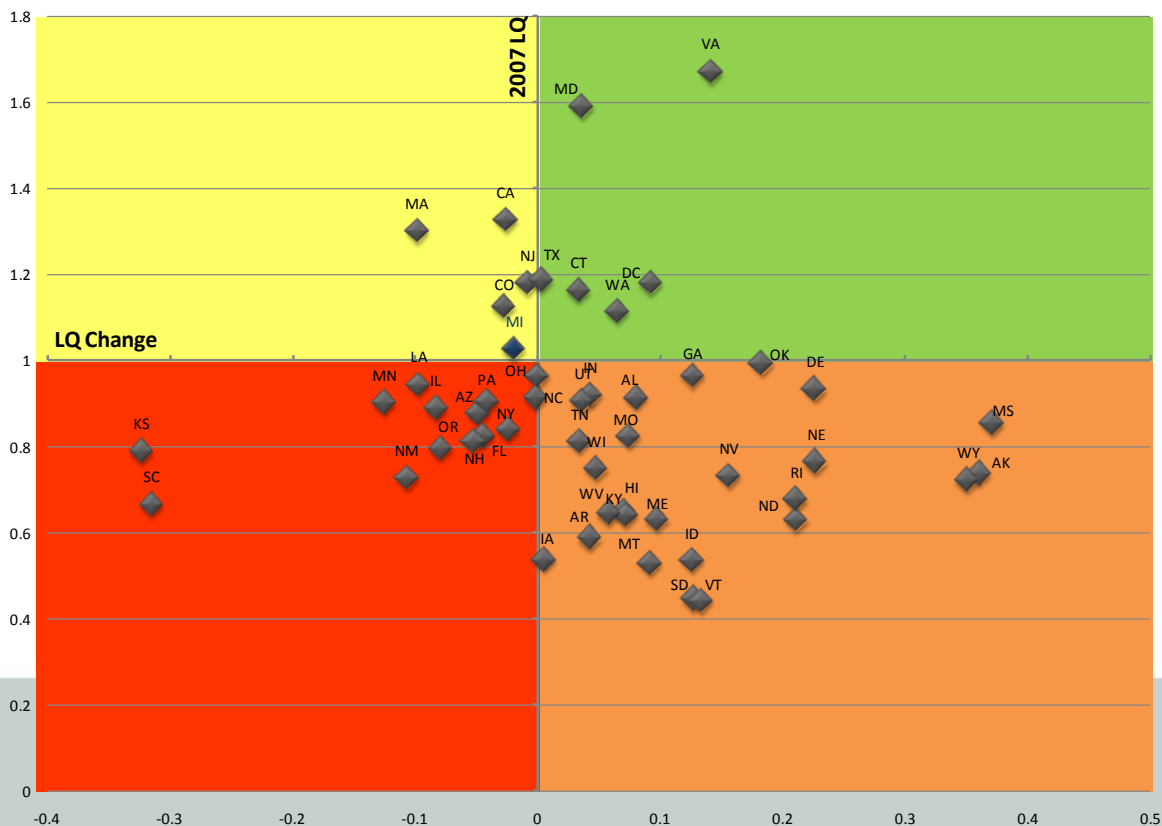


National Employment Distribution

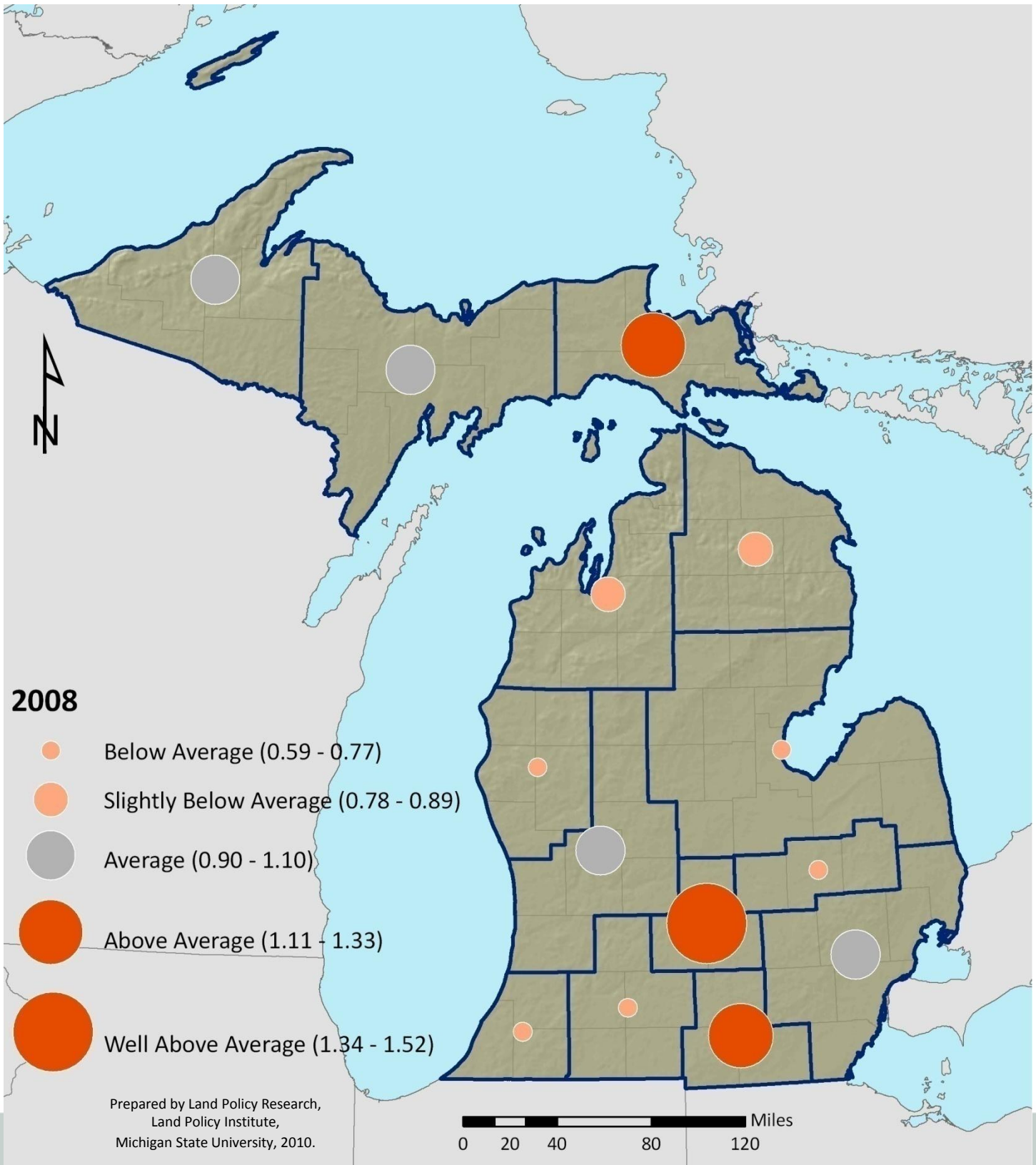


50 State Location Quotient Distribution

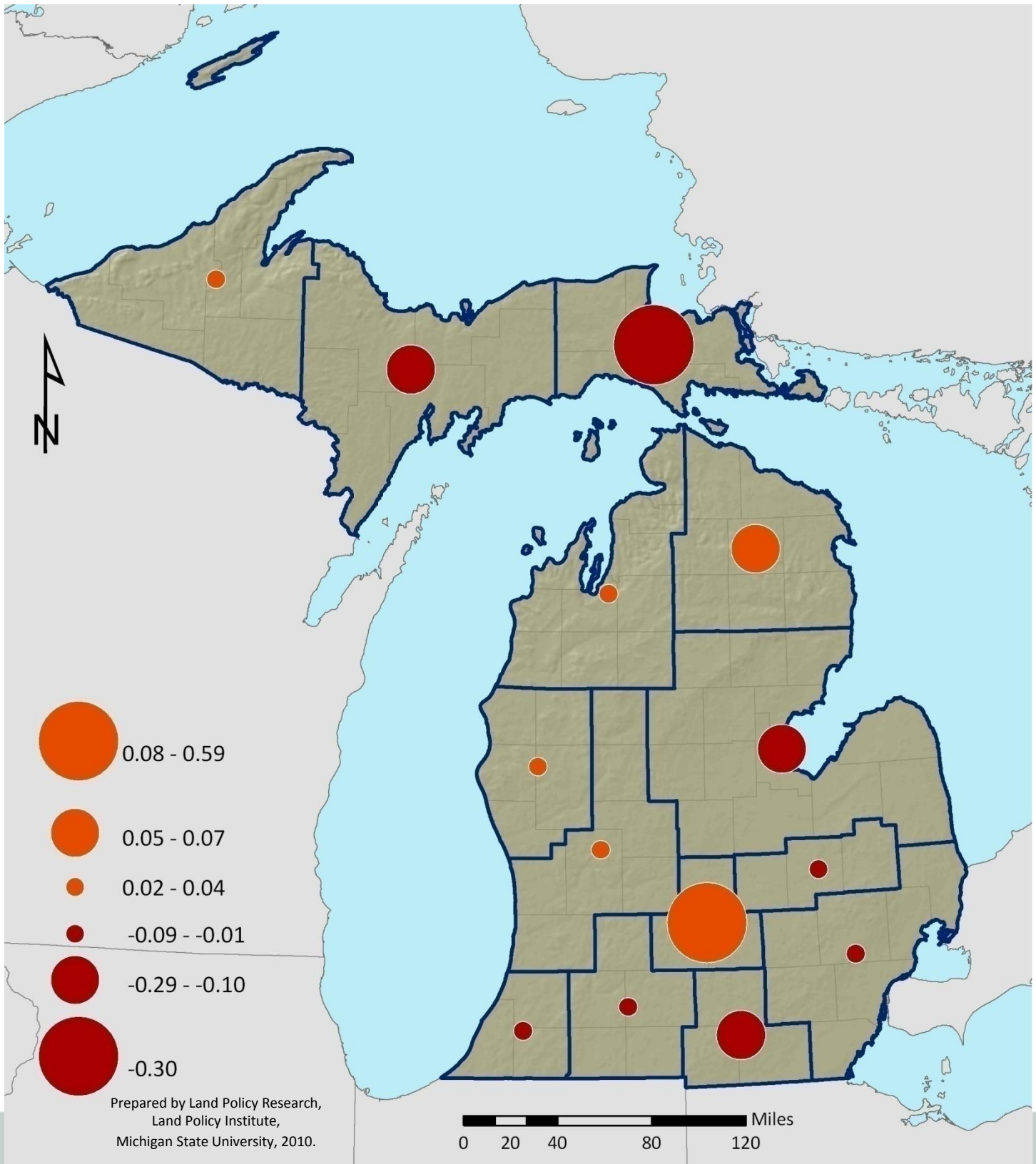
Defense State LQ Chart



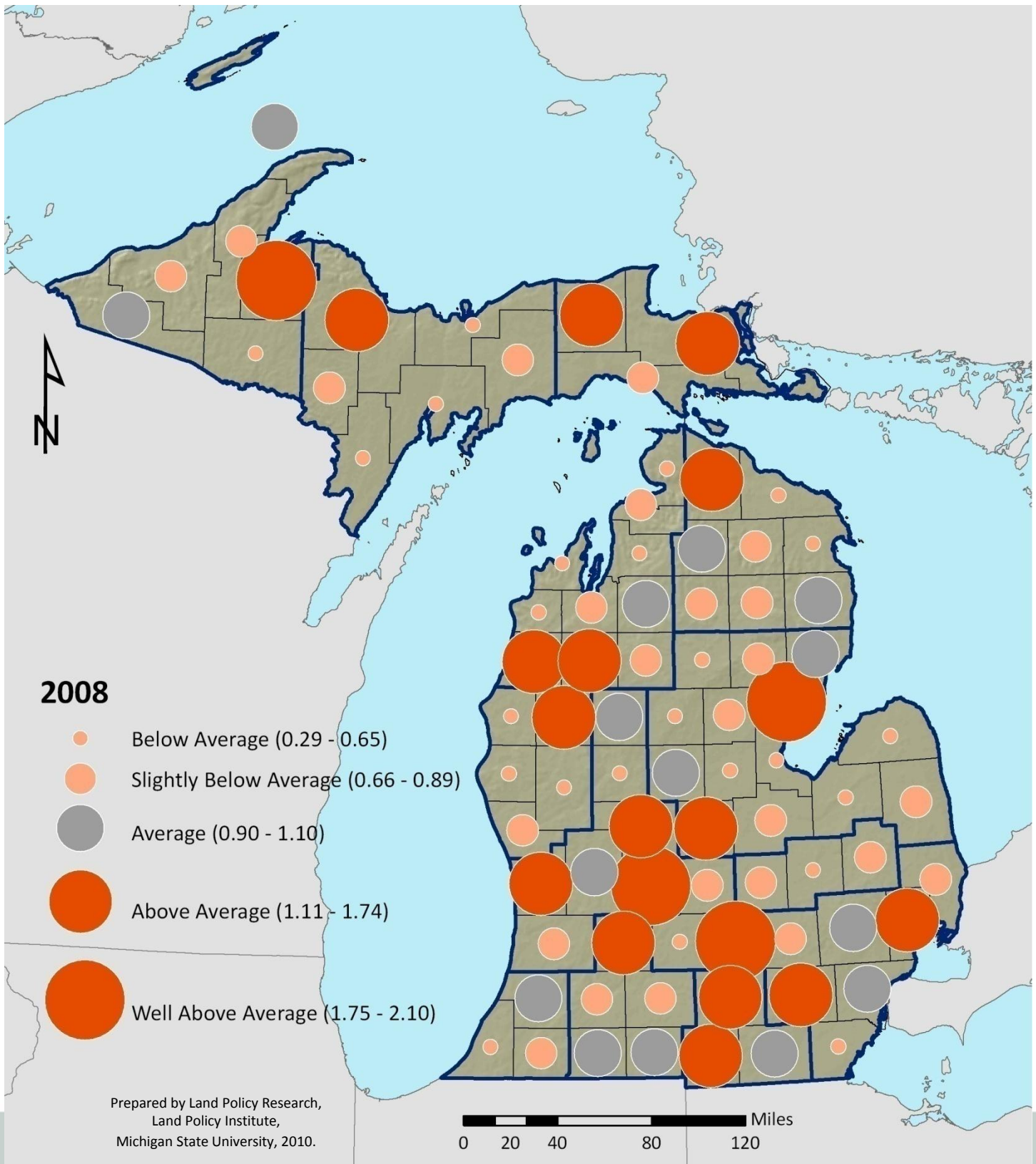
Regional Location Quotient Distribution



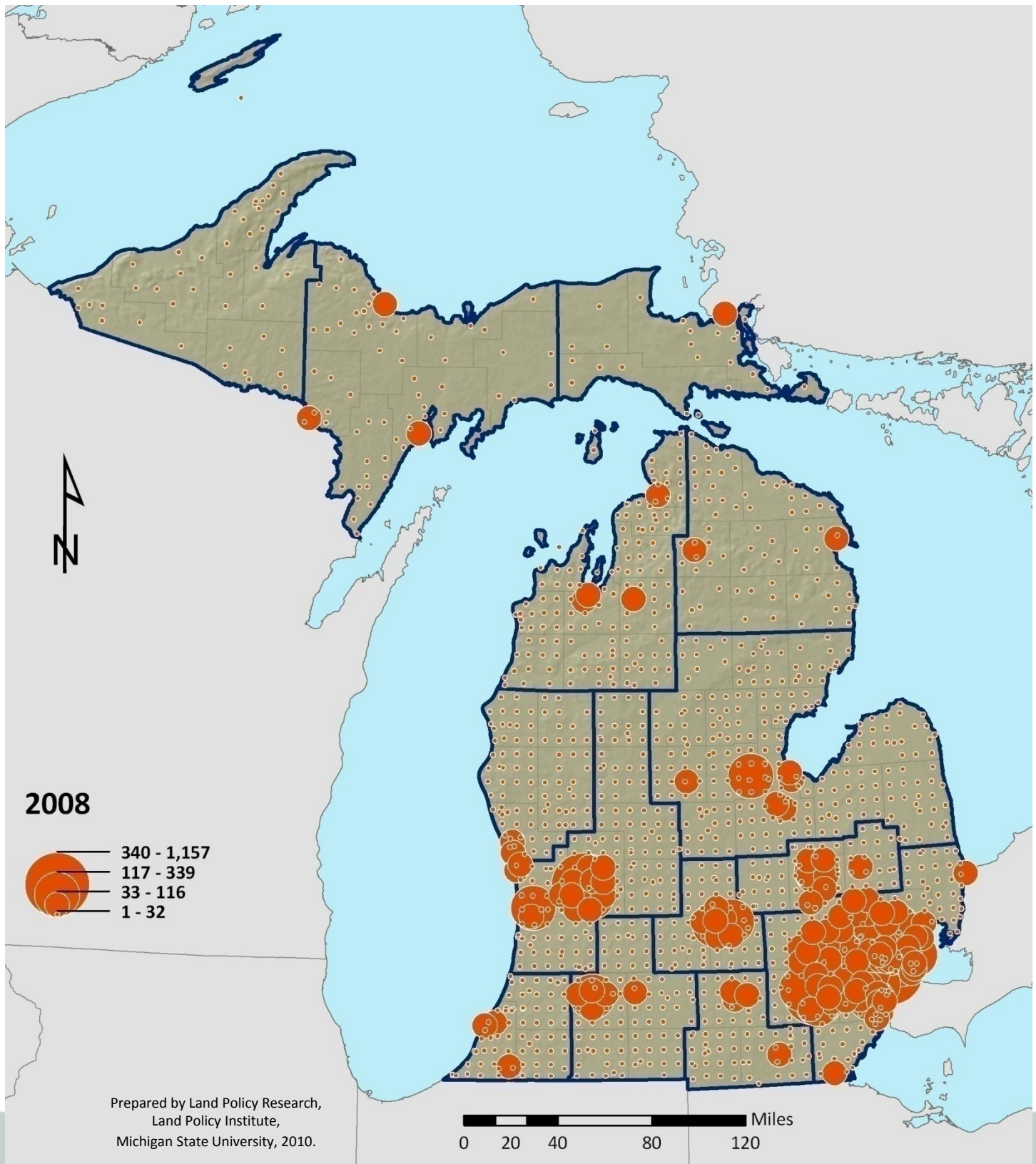
Change in Regional Location Quotient Distribution 2002-2008



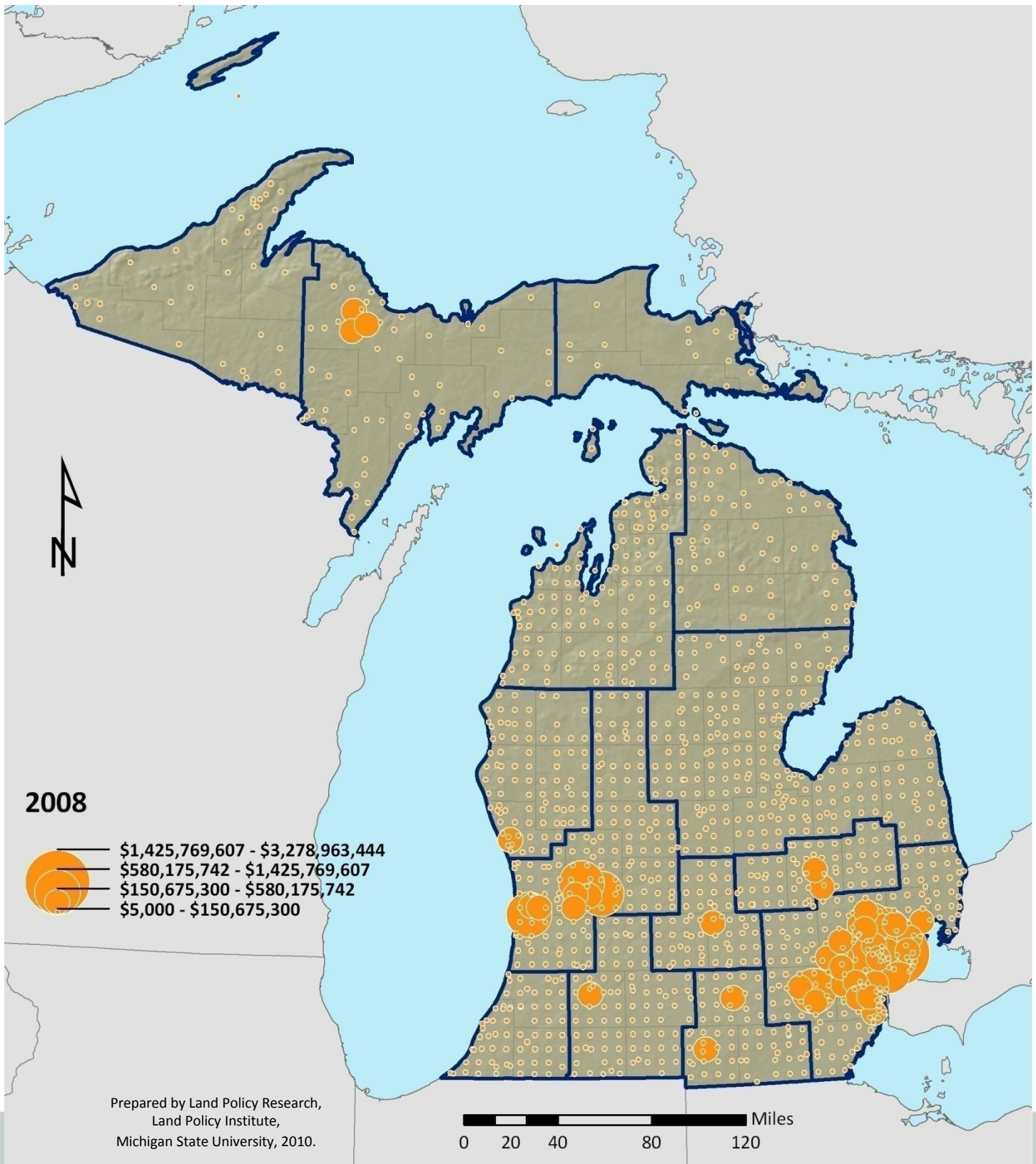
County Location Quotient Distribution



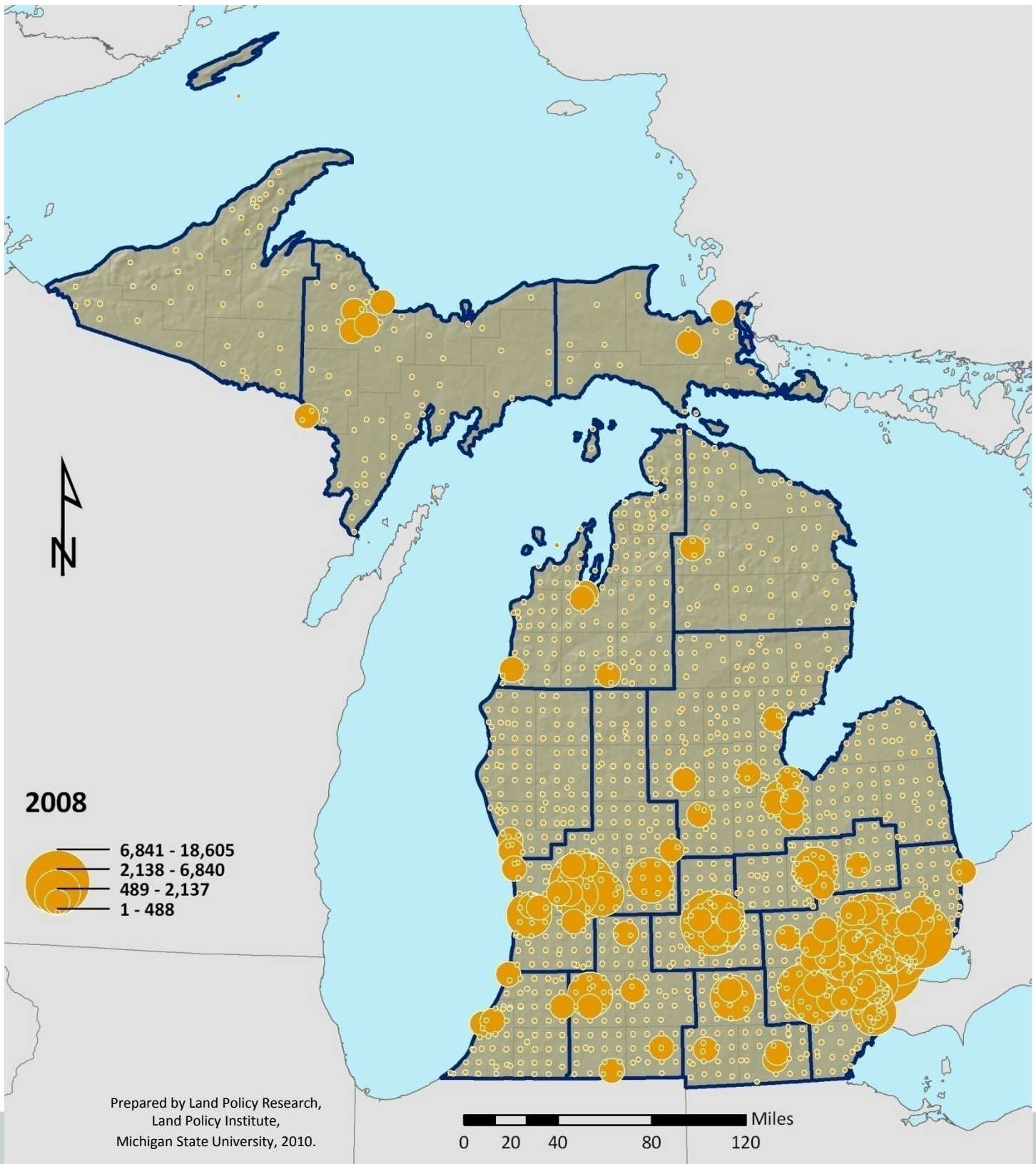
Establishments Statewide



Sales Statewide



Employment Statewide

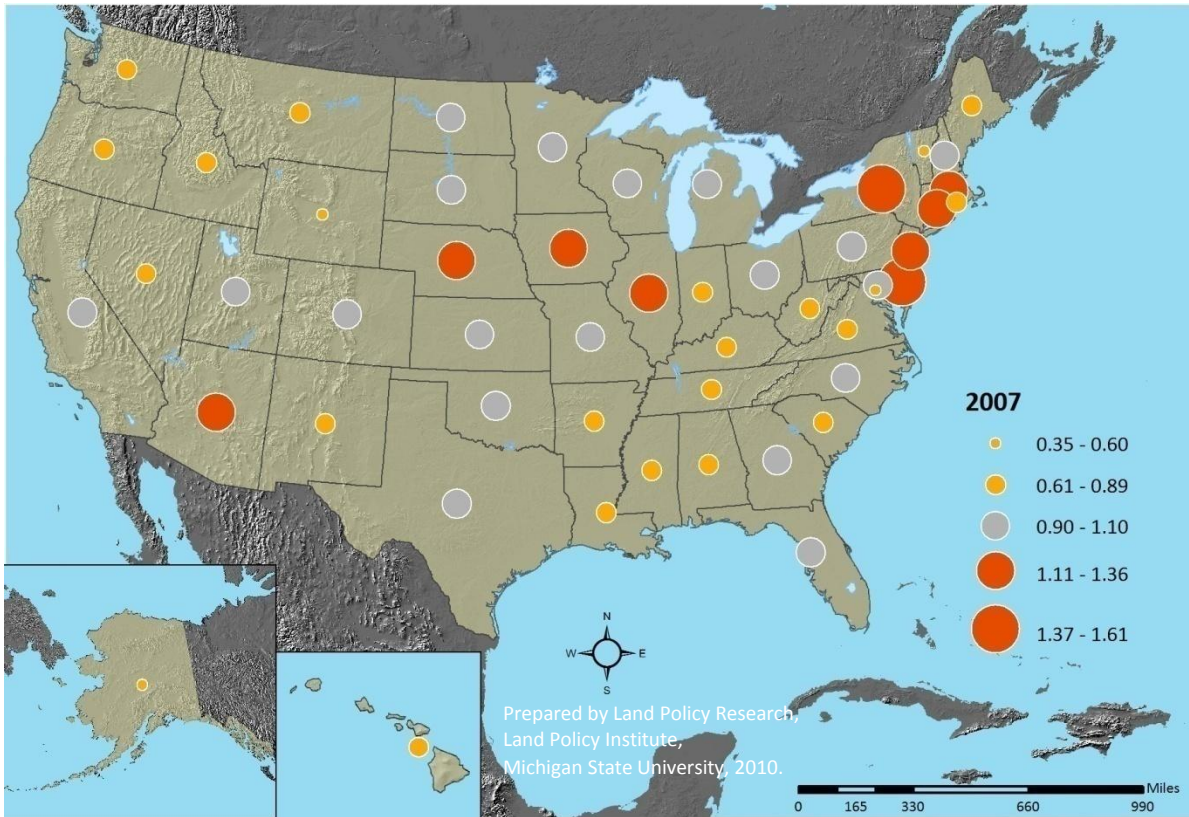


Finance and Insurance Cluster Analysis

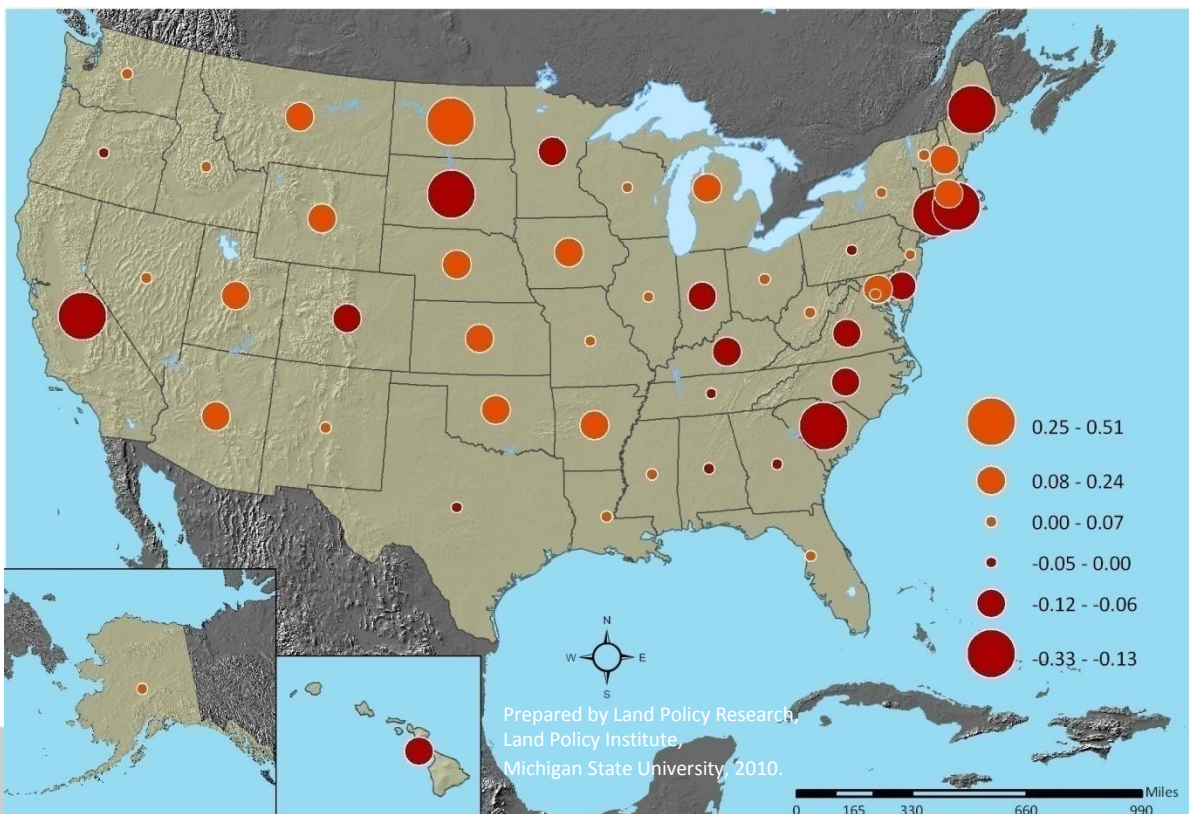
This cluster includes the providers of financial services, insurance services, wealth management etc. (for a complete specification see Appendix 1). This cluster has recently expanded rapidly in some regions in Michigan and it has served as a core redevelopment cluster in other regions such as the twin cities in Minnesota.



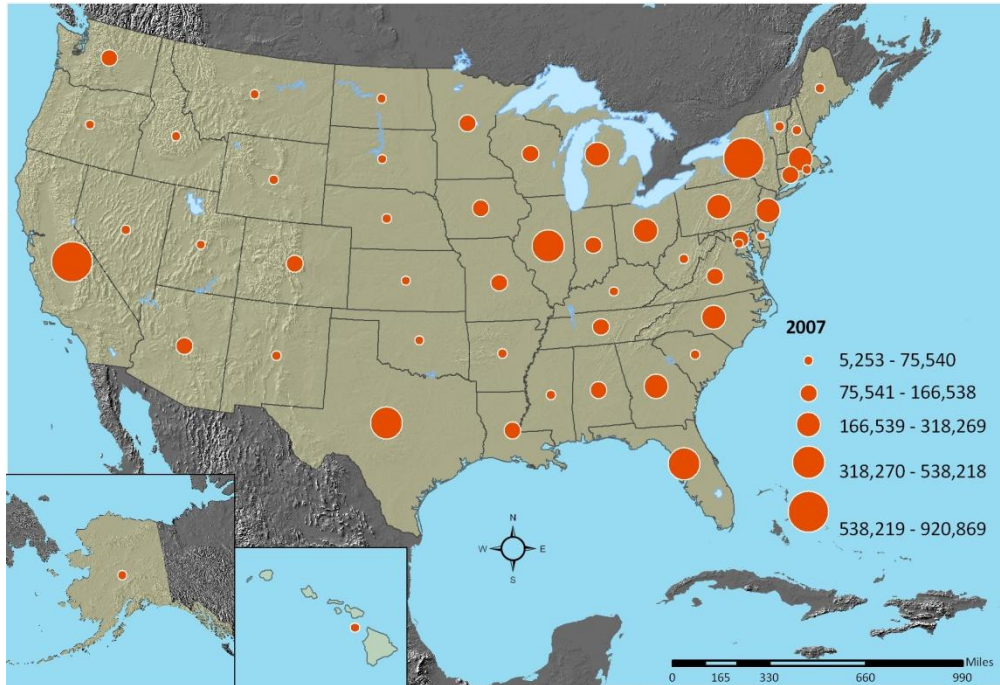
National Location Quotient



Change in Location Quotient 2003-2007

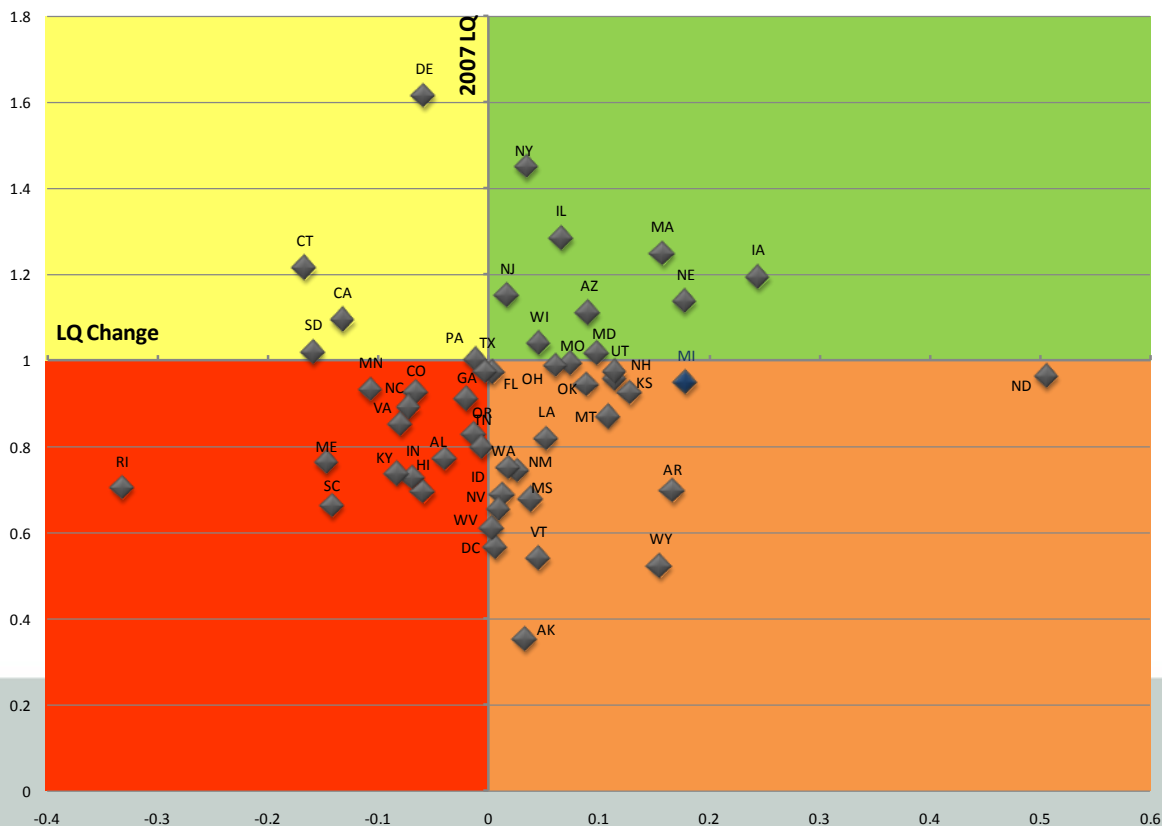


National Employment Distribution

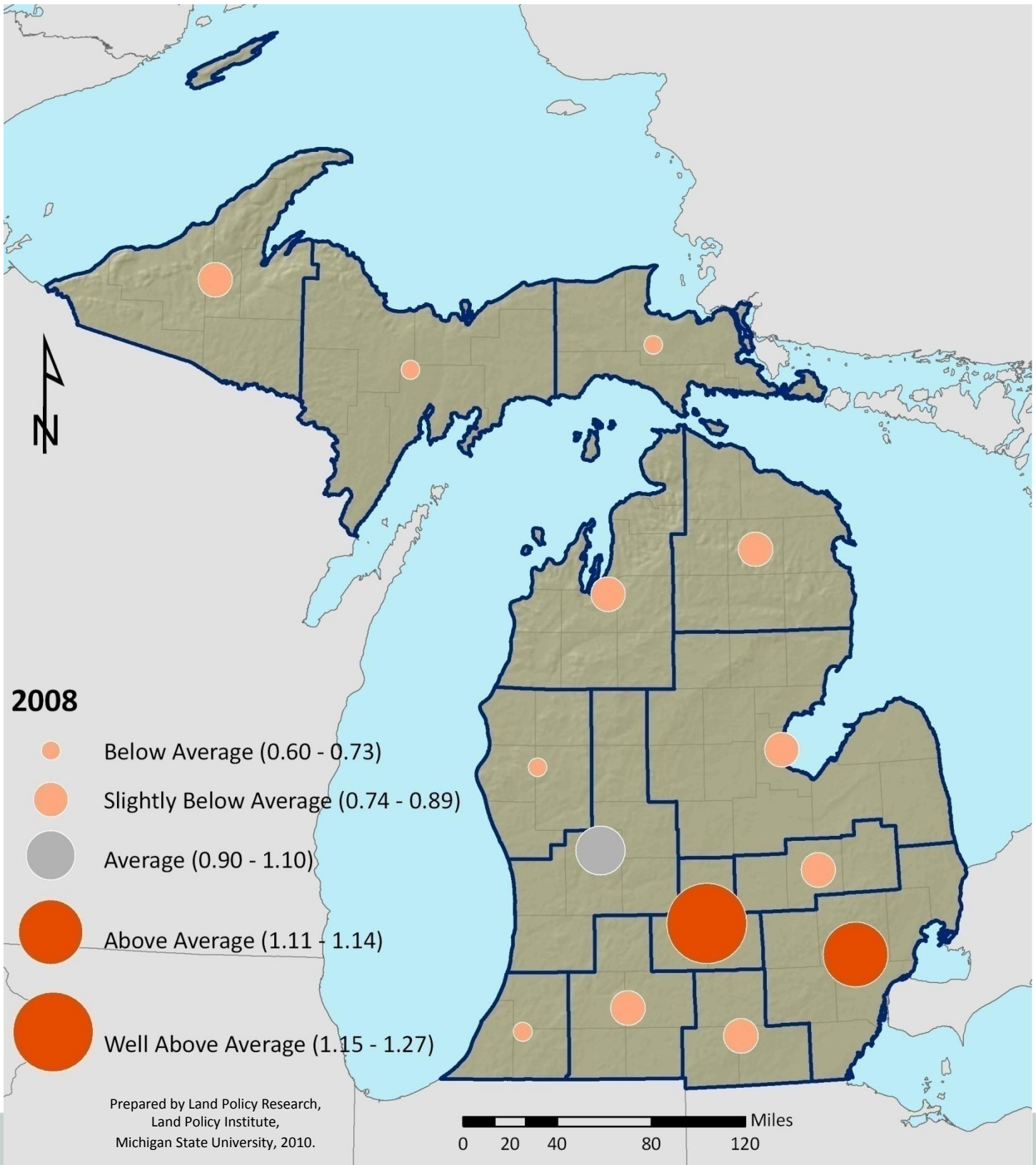


50 State Location Quotient Distribution

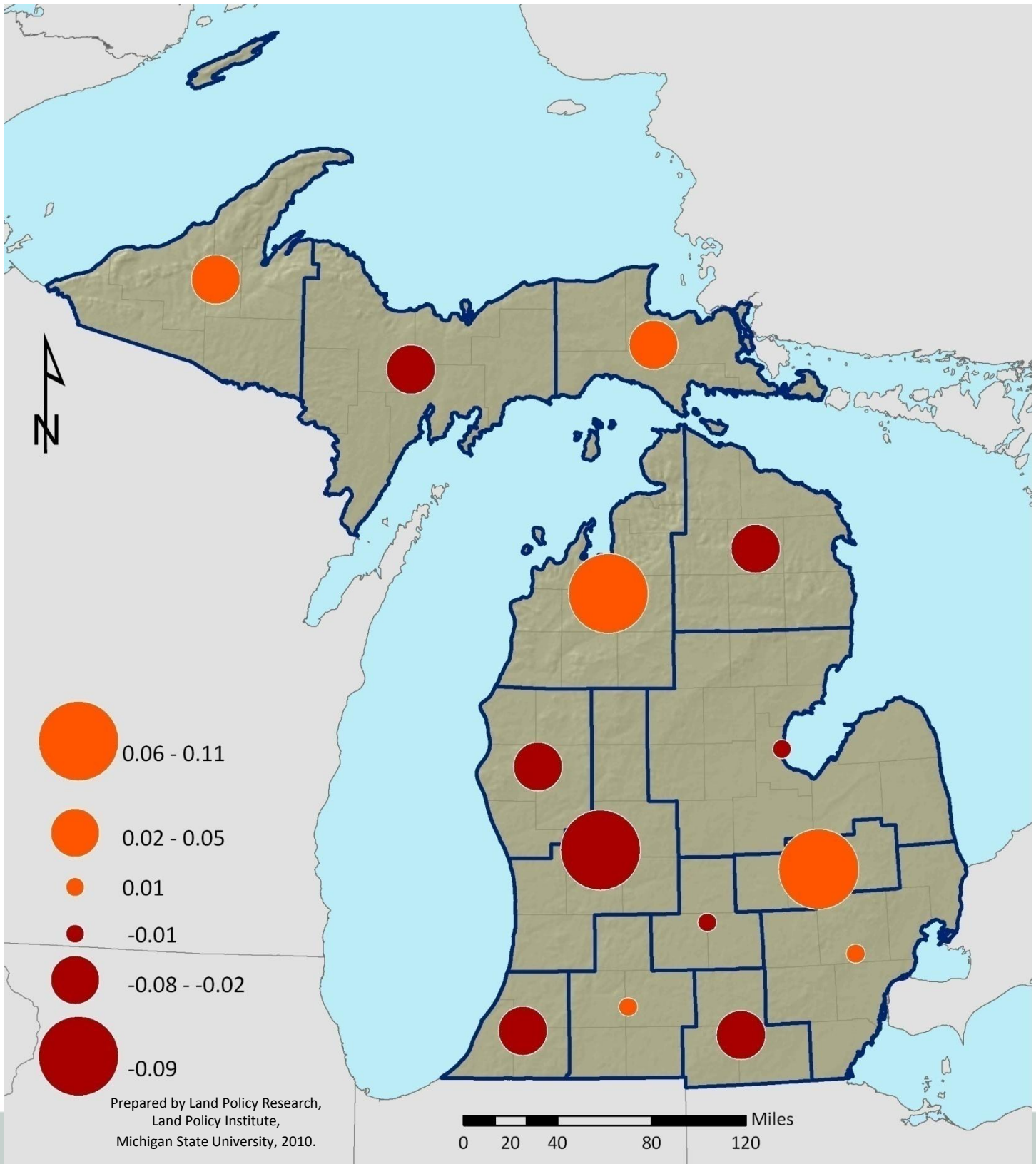
FIRE State LQ Chart



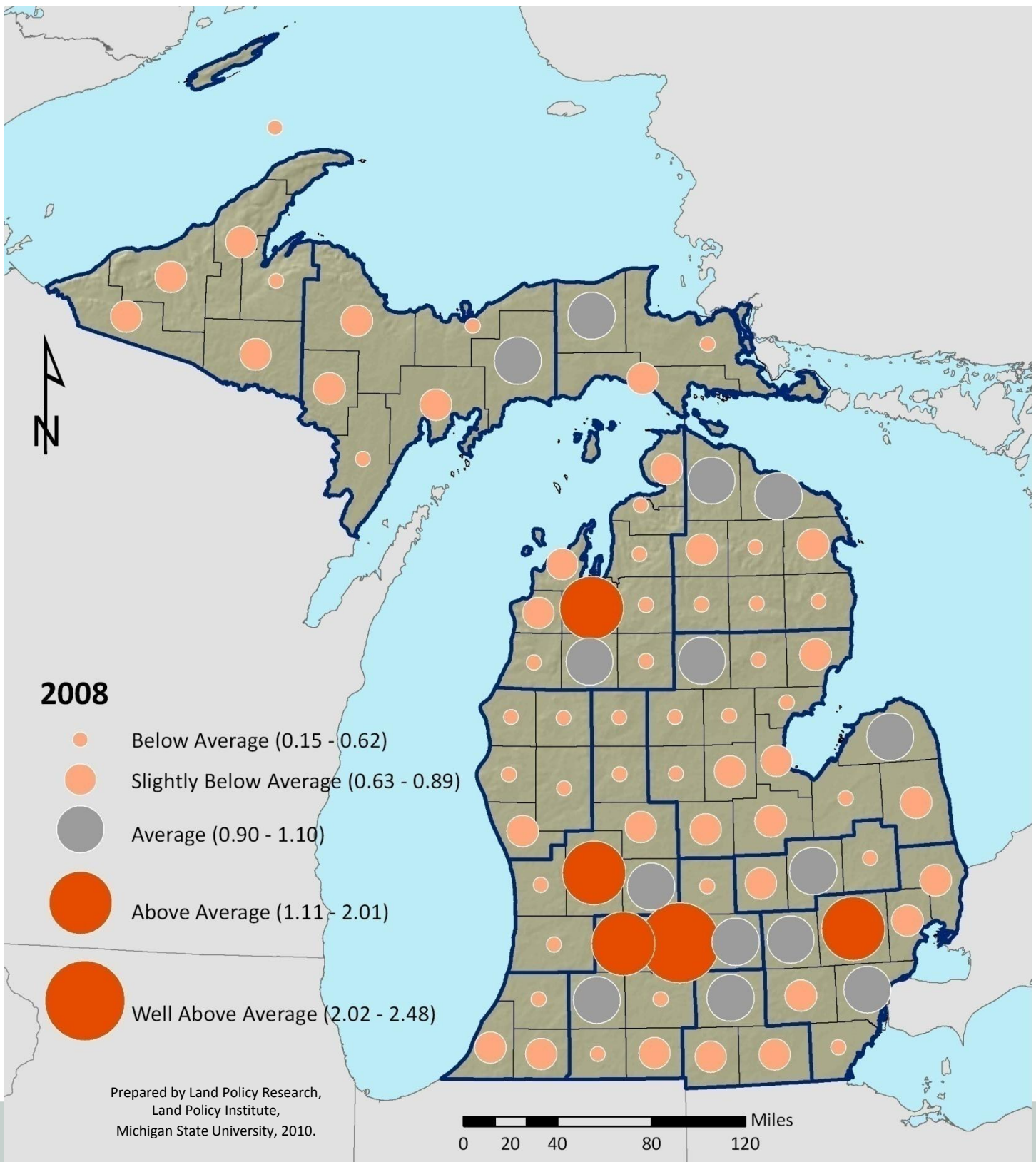
Regional Location Quotient Distribution



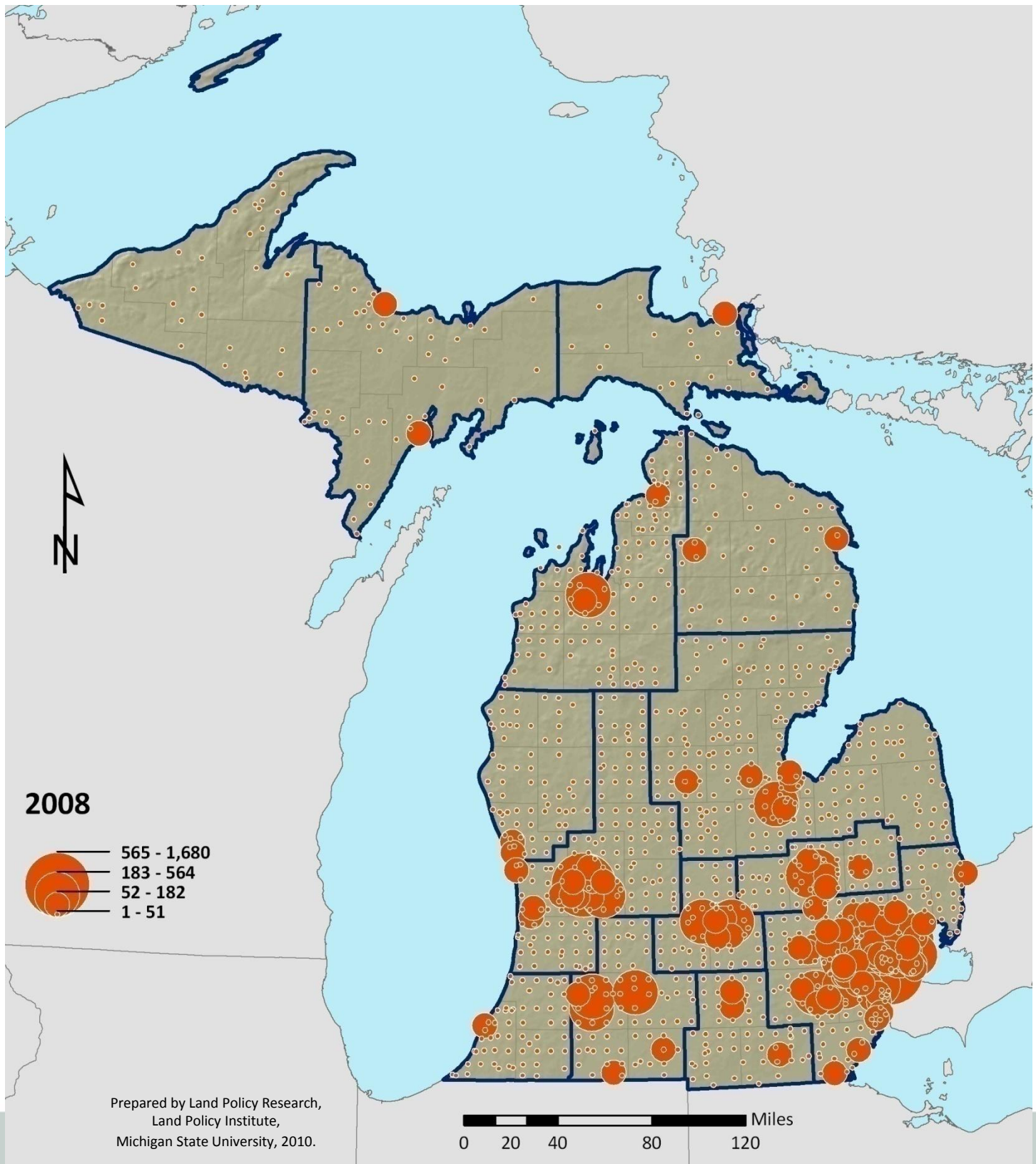
Change in Regional Location Quotient Distribution 2002-2008



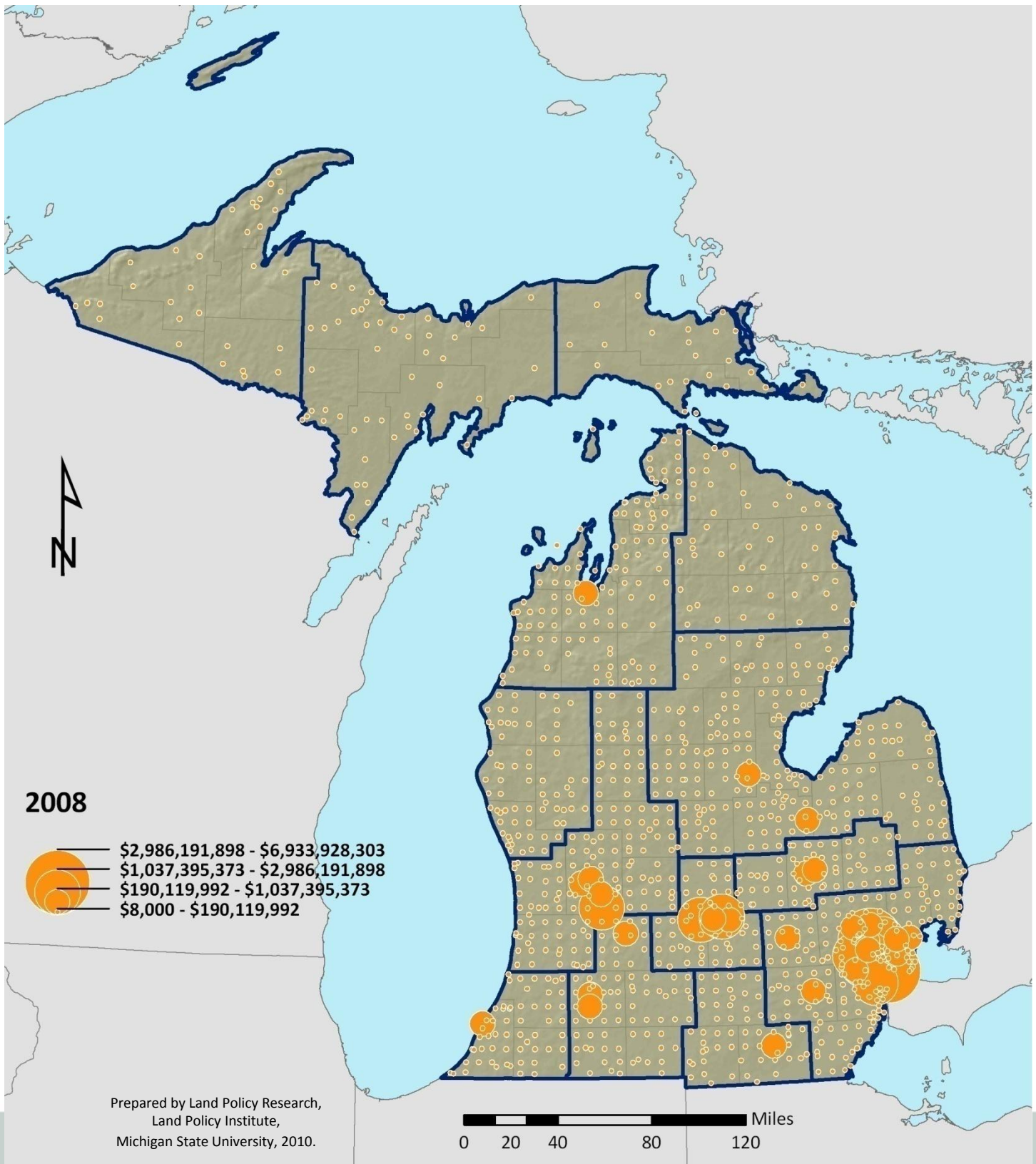
County Location Quotient Distribution



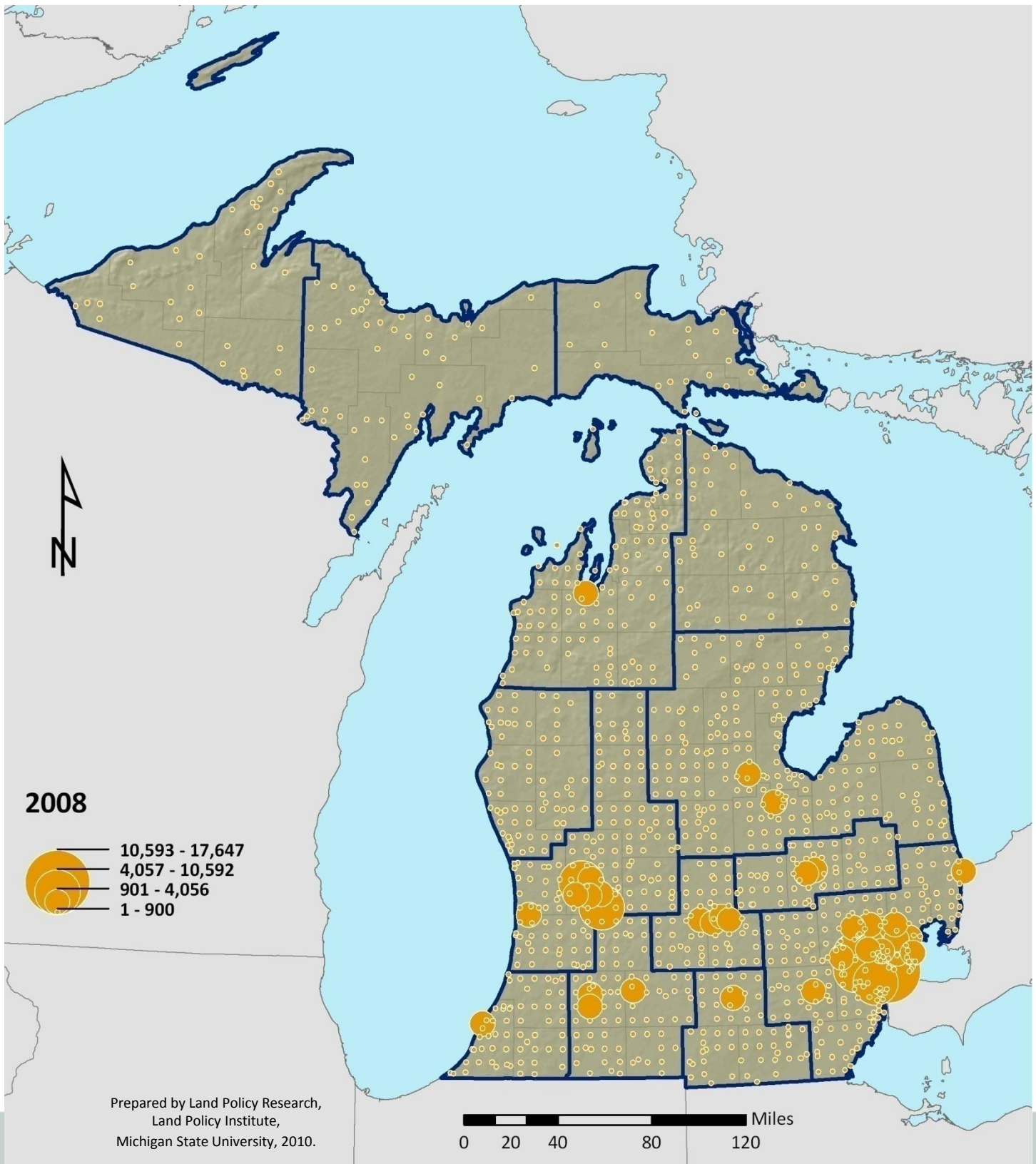
Establishments Statewide



Sales Statewide



Employment Statewide

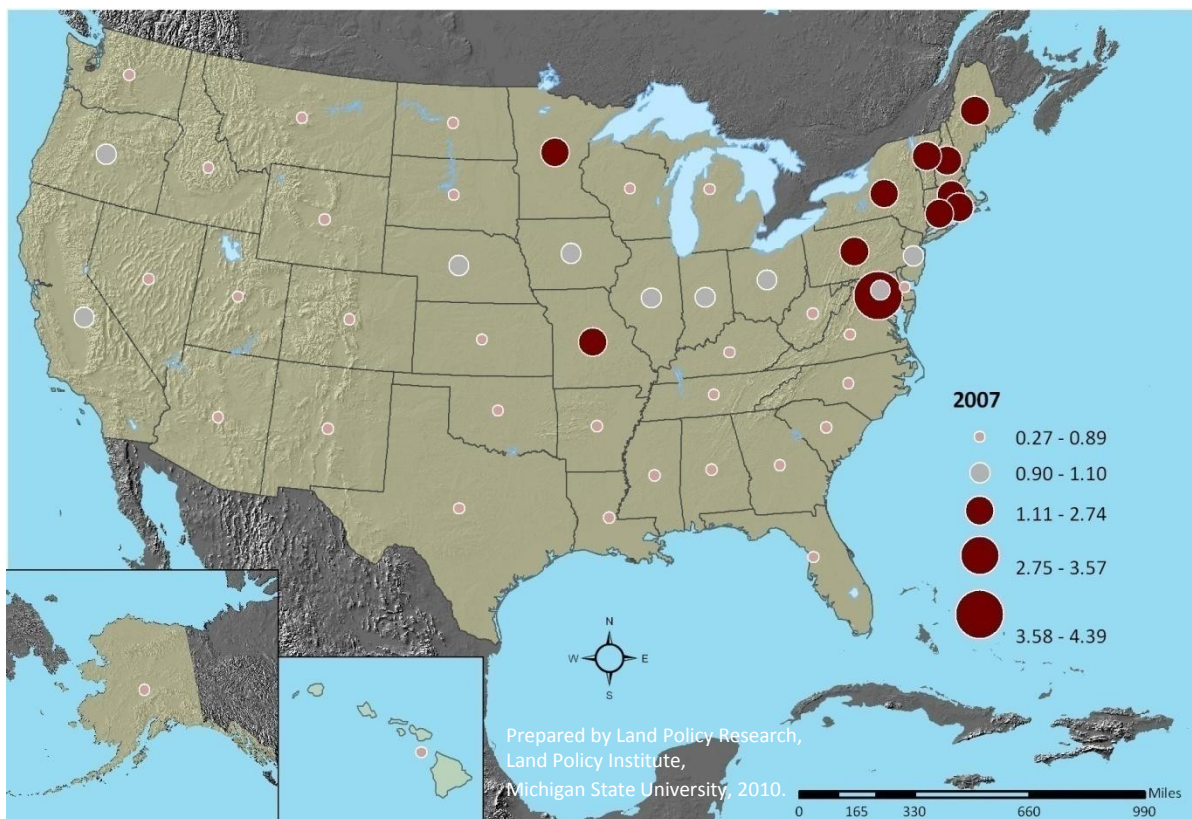


Education and Knowledge Creation Cluster Analysis

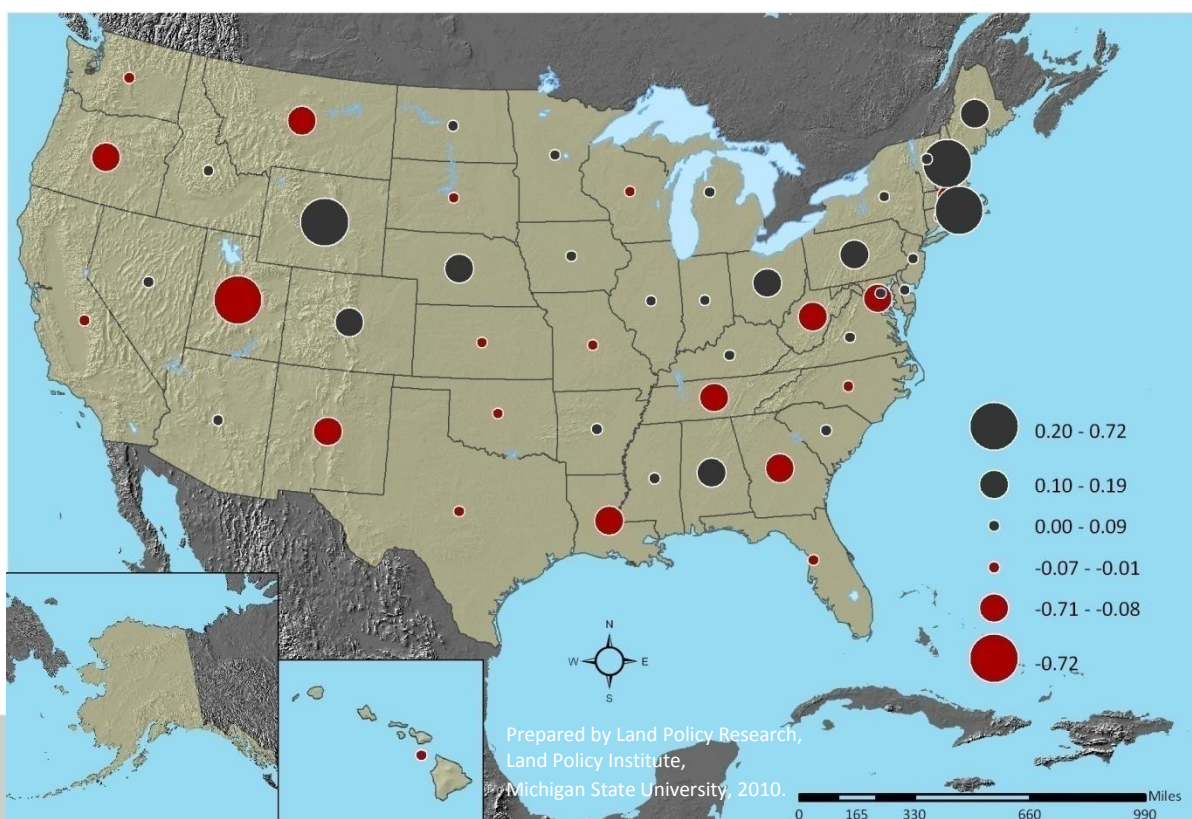
This cluster includes the industries directly or indirectly engaged education, education support such as textbooks and technology, logistics etc. (for a complete specification see Appendix 1). Michigan's strong university system augmented by its community colleges will provide foundational support for its transition into the knowledge economy.



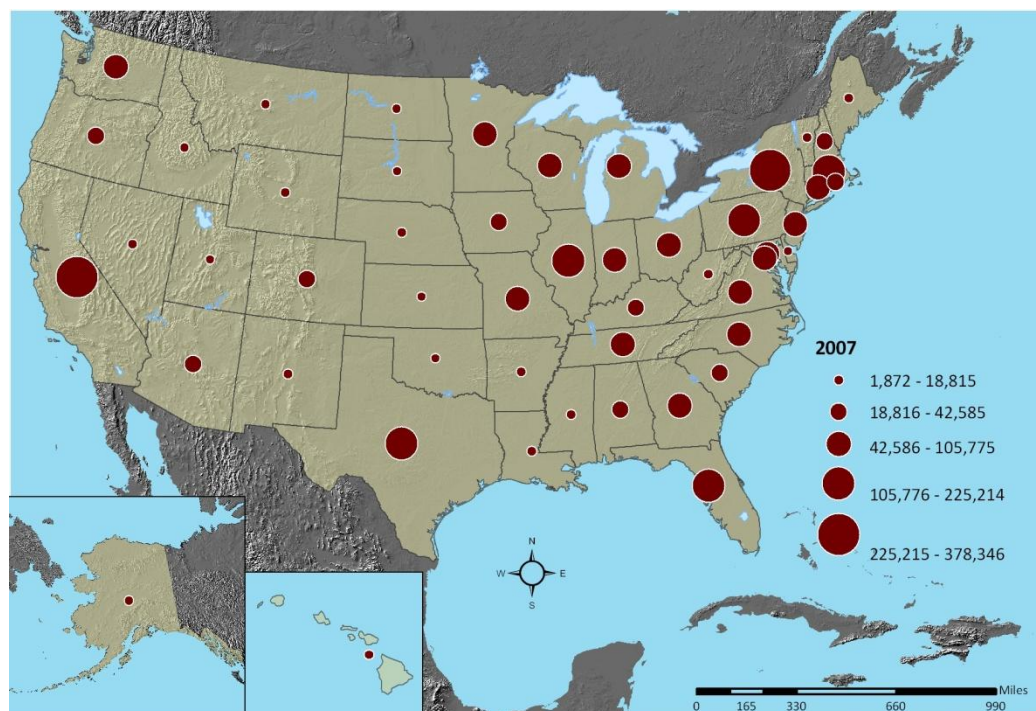
National Location Quotient



Change in Location Quotient 2003-2007

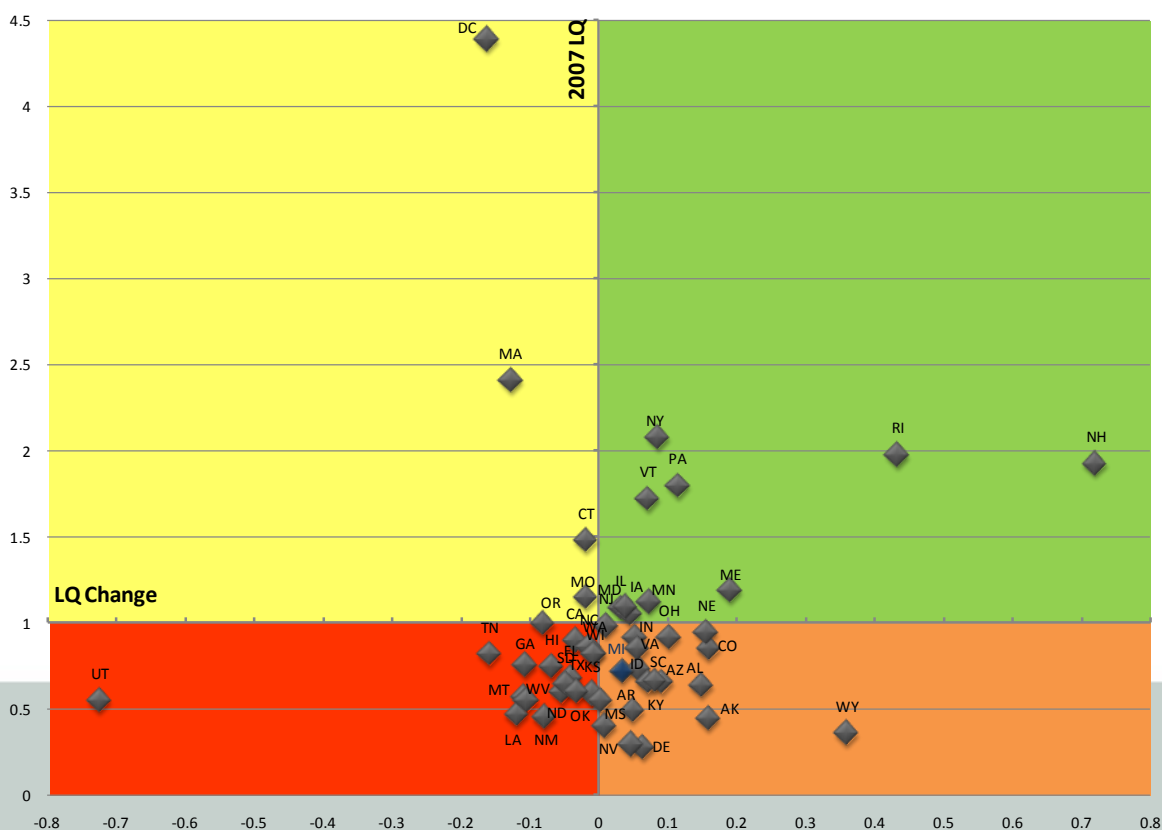


National Employment Distribution

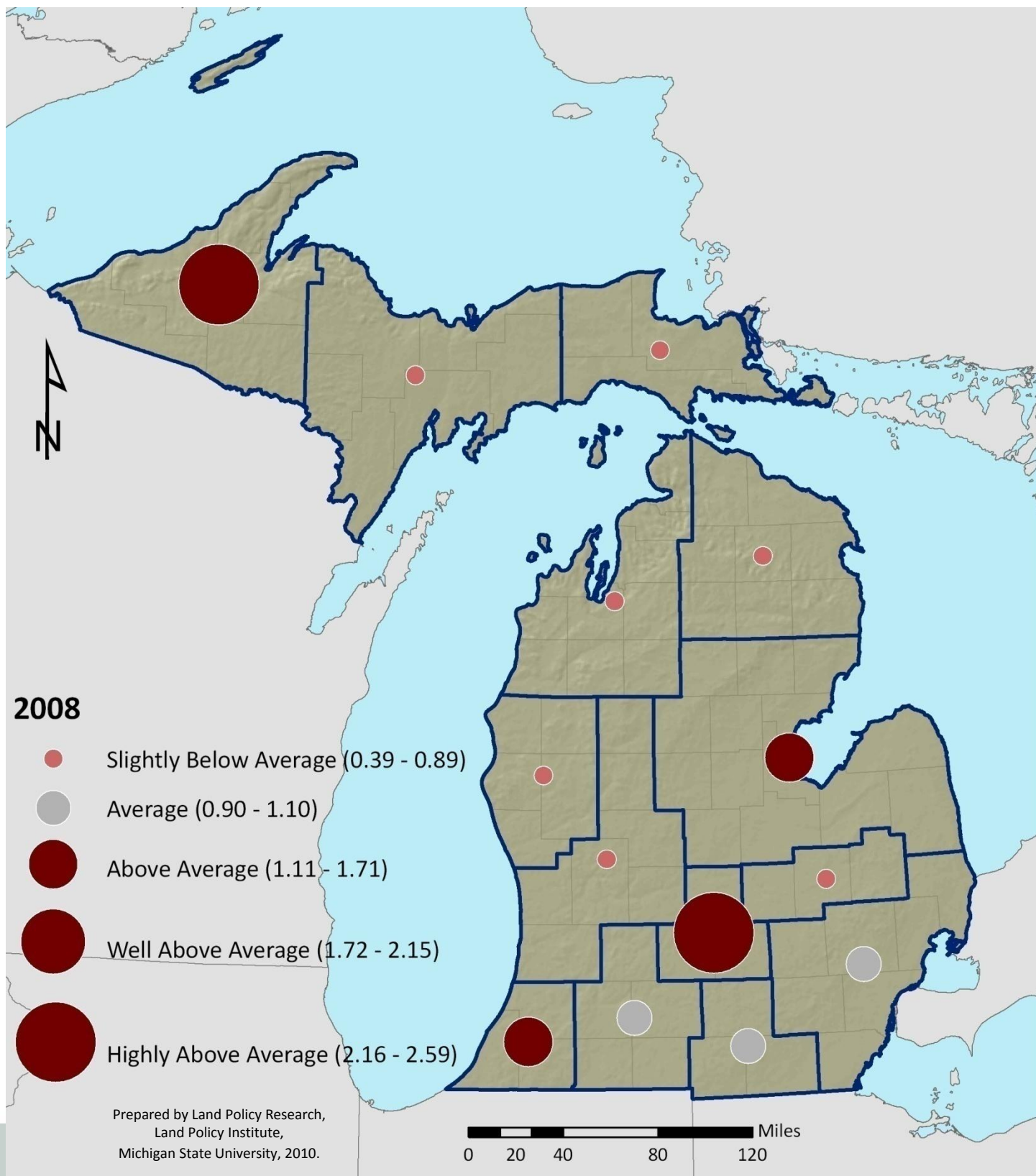


50 State Location Quotient Distribution

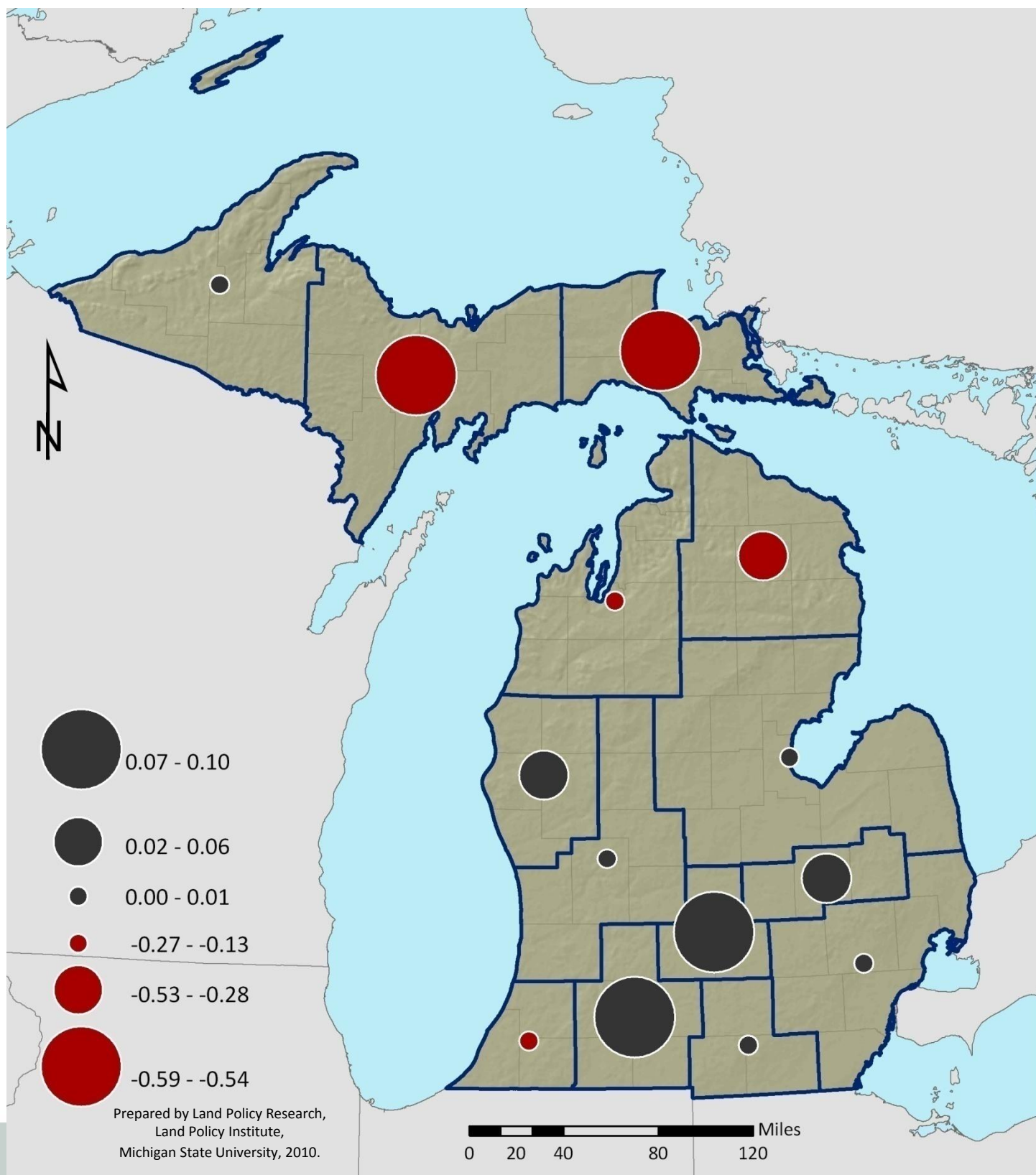
Education State LQ Chart



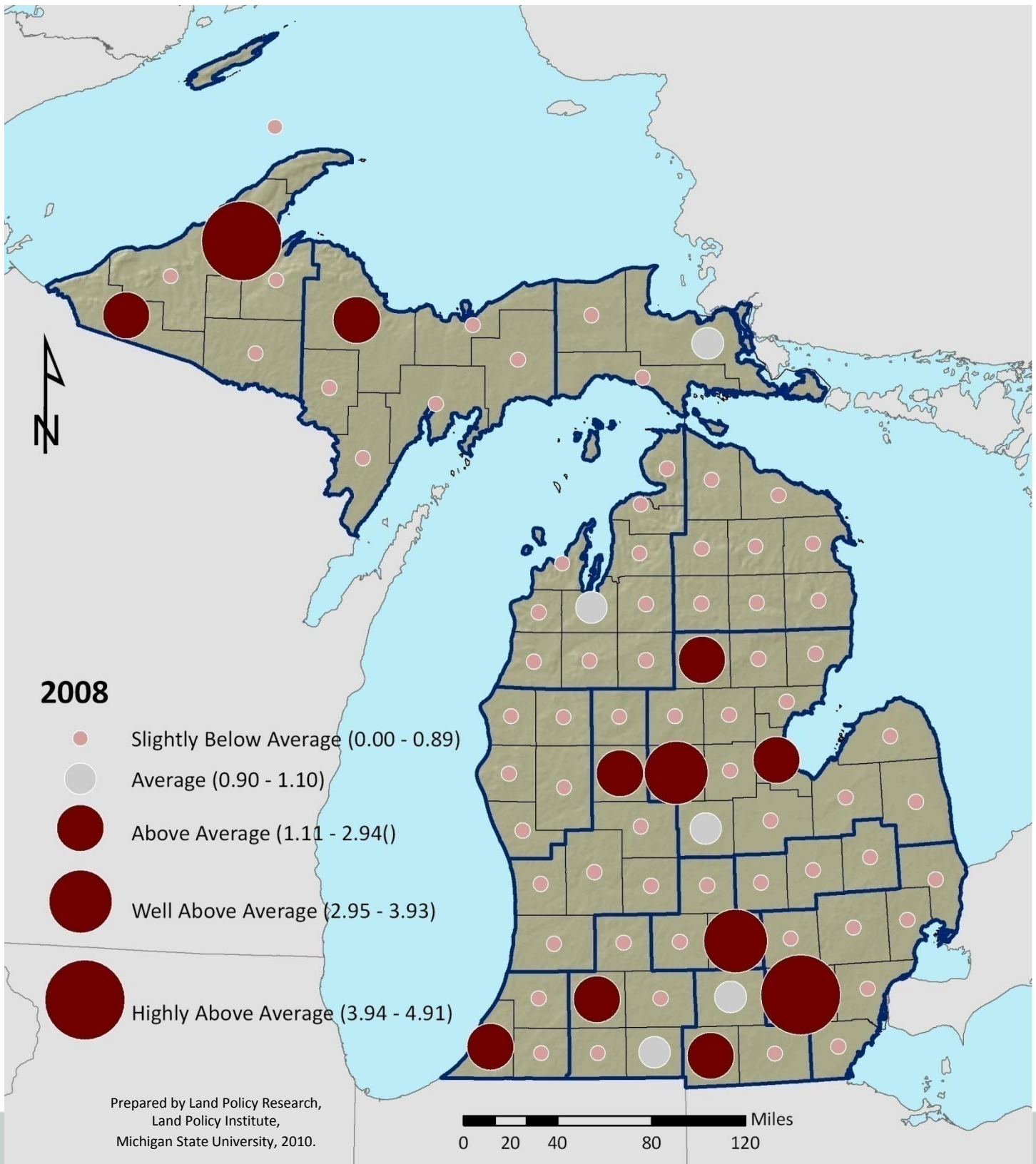
Regional Location Quotient Distribution



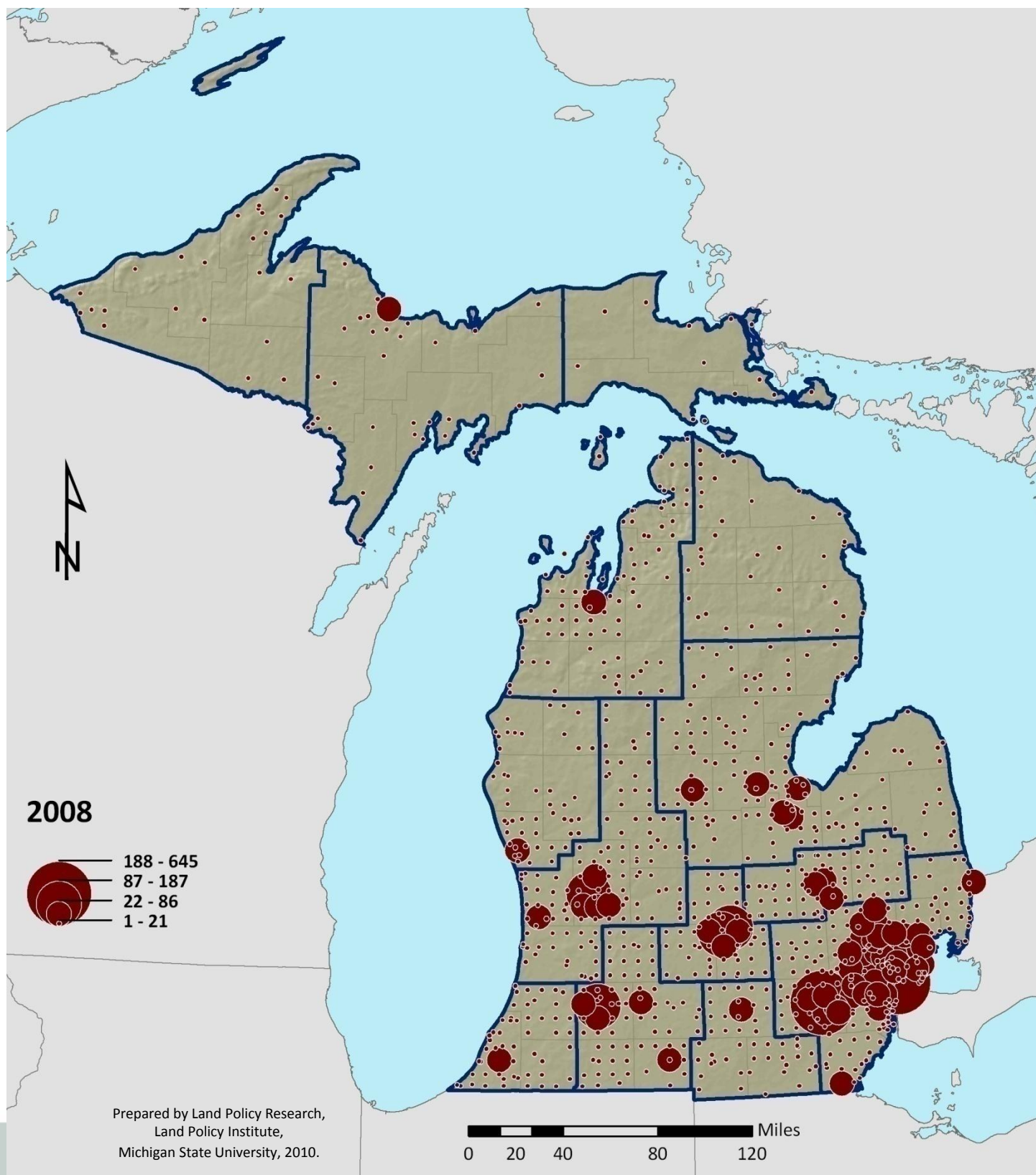
Change in Regional Location Quotient Distribution 2002-2008



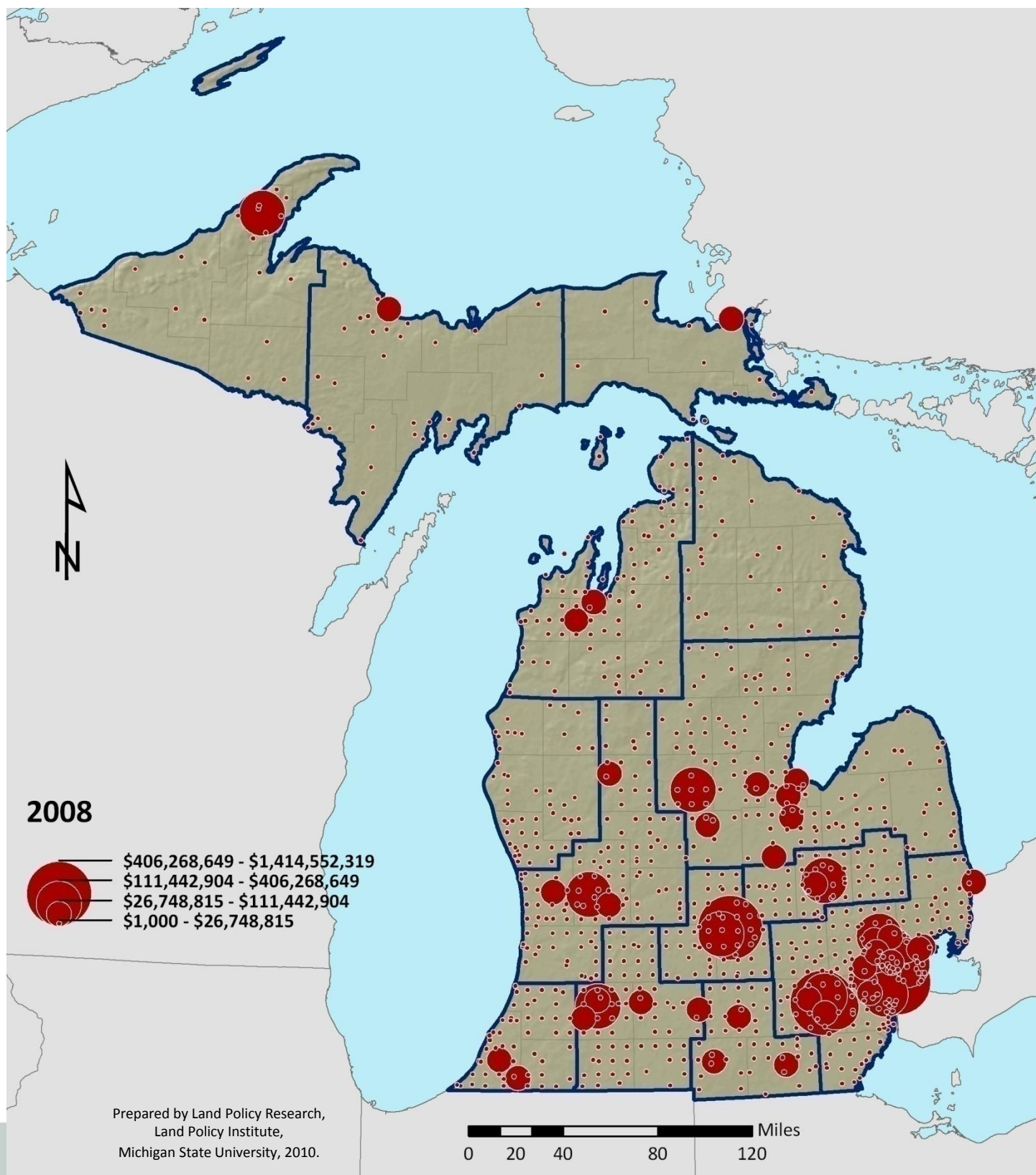
County Location Quotient Distribution



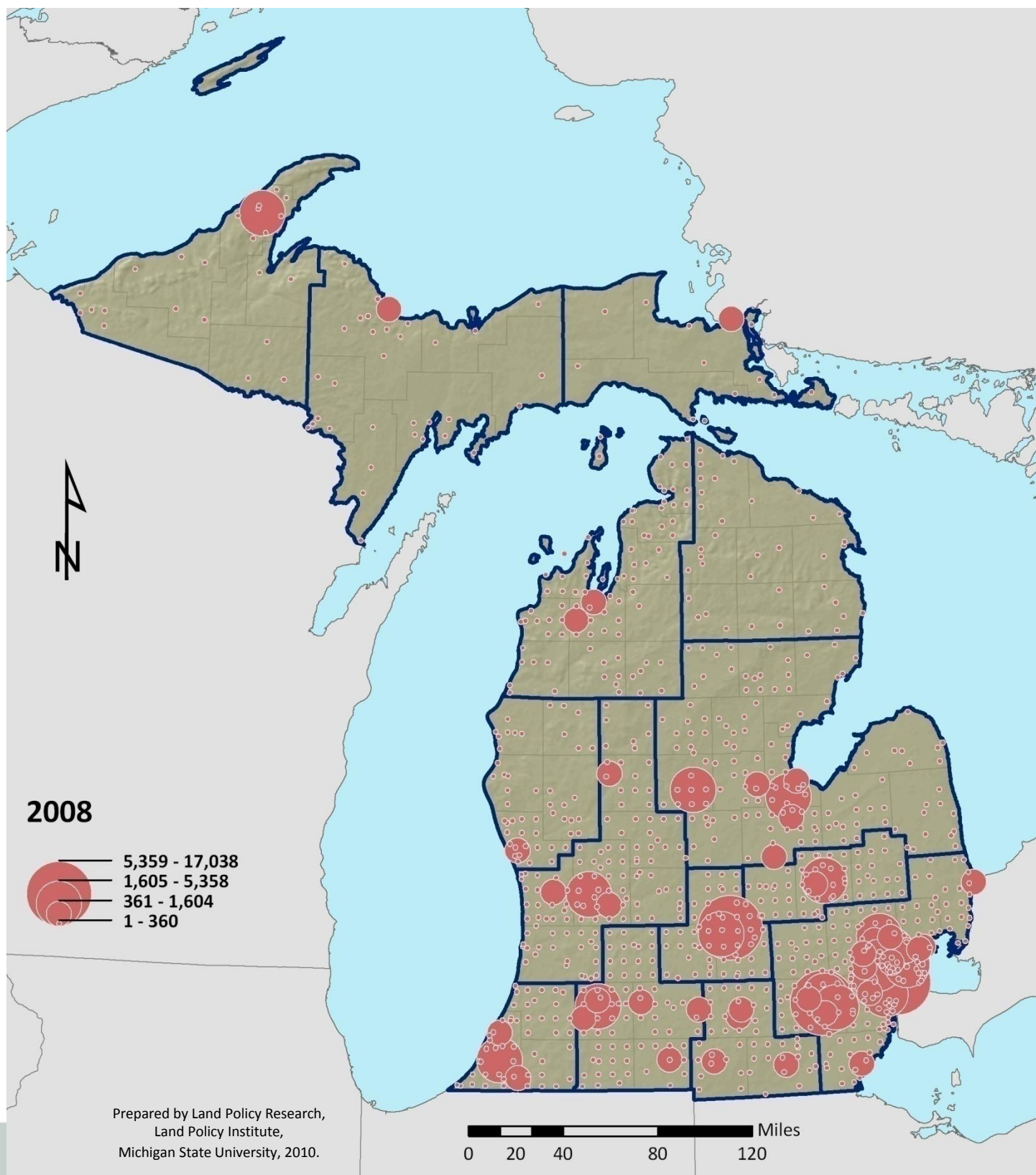
Establishments Statewide



Sales Statewide



Employment Statewide

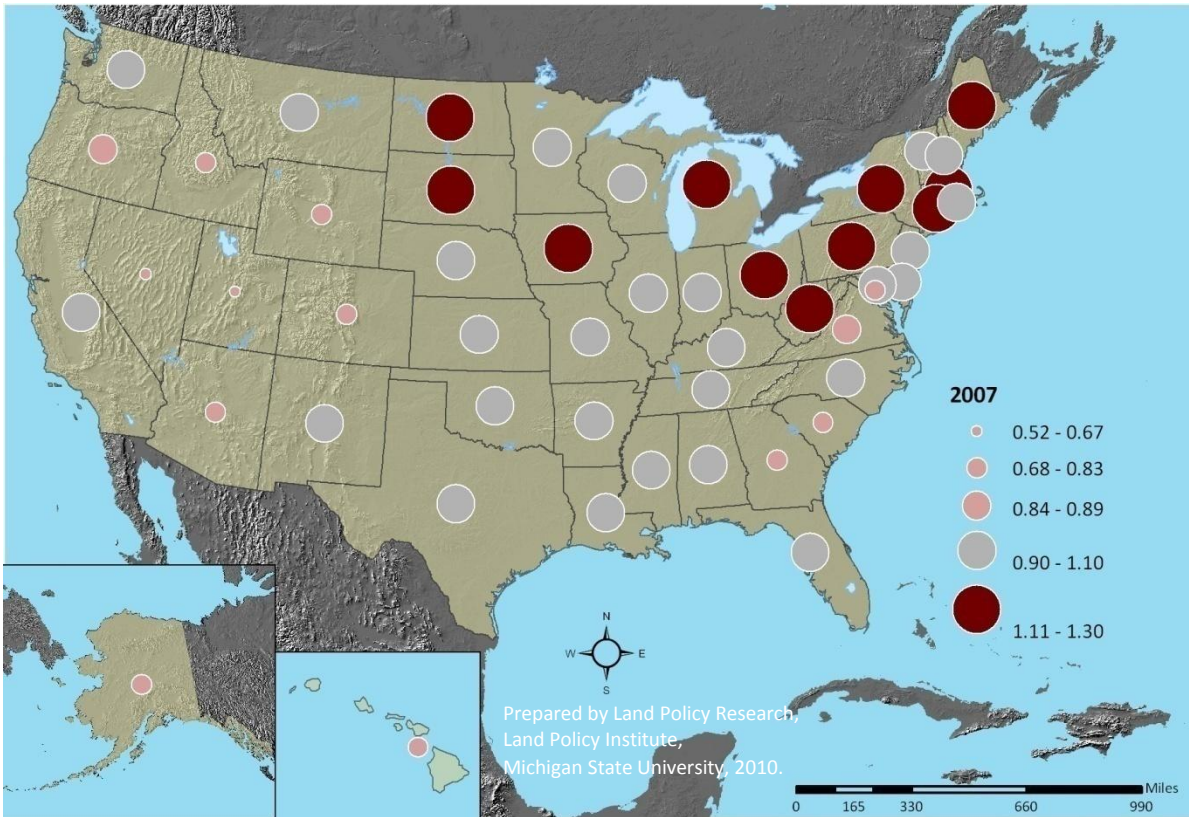


Health Care Cluster Analysis

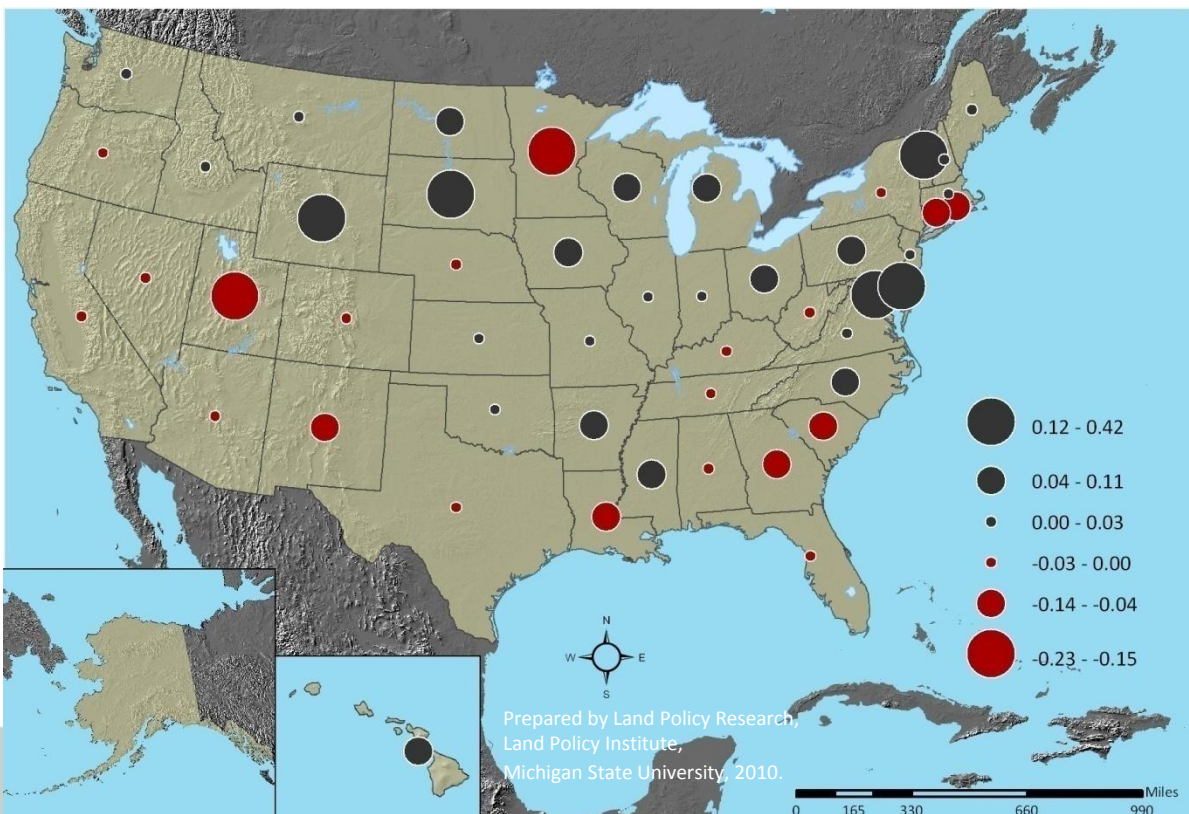
This super cluster includes hospitals, clinics, diagnostic laboratories, instrument manufacture etc. (for a complete specification see Appendix 1). Health care has been a growing industry nationwide and has also served in some regions such as Rochester, Minnesota (the Mayo Clinic) as an anchor strategy for development.



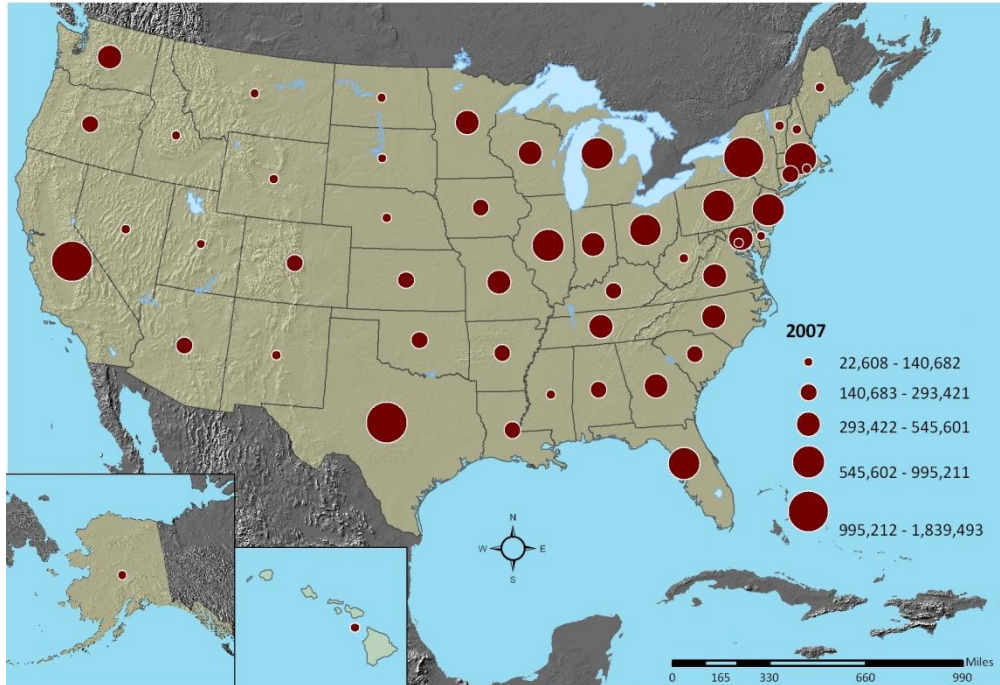
National Location Quotient



Change in Location Quotient 2003-2007

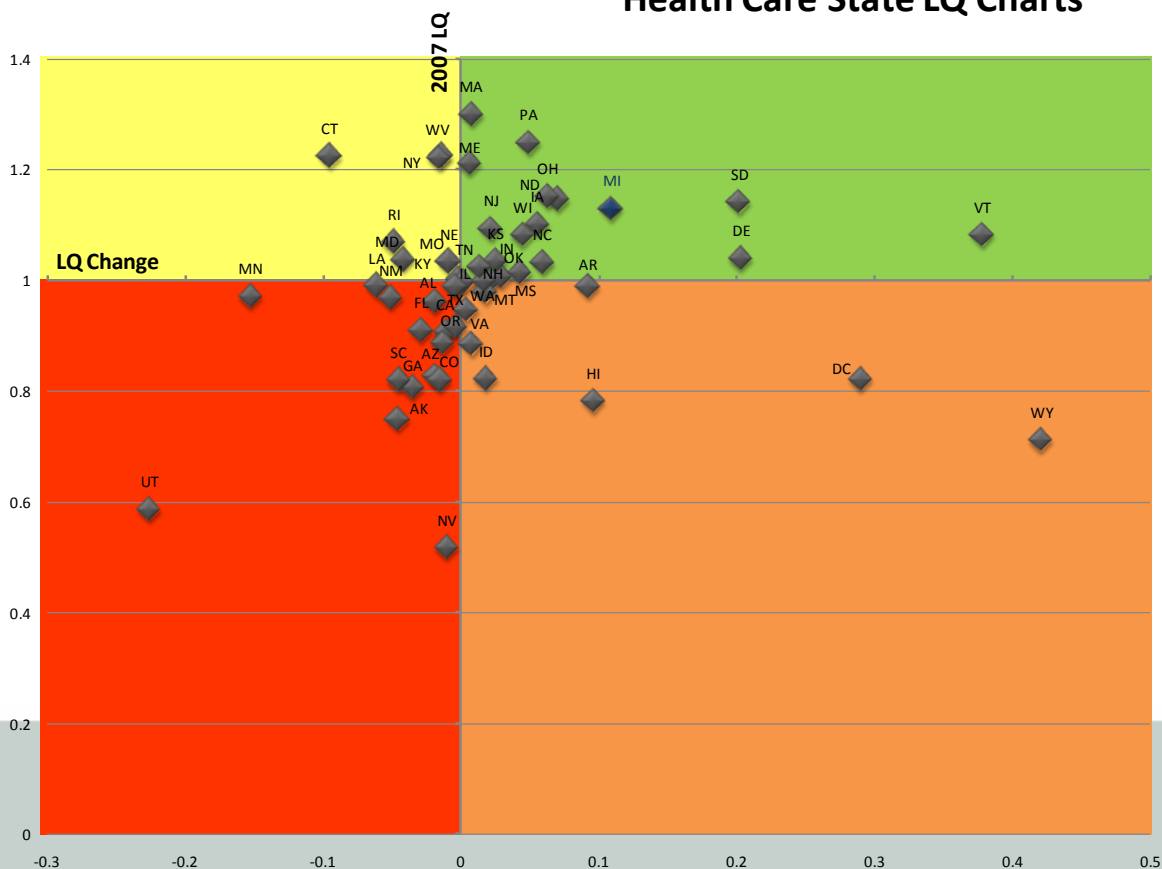


National Employment Distribution

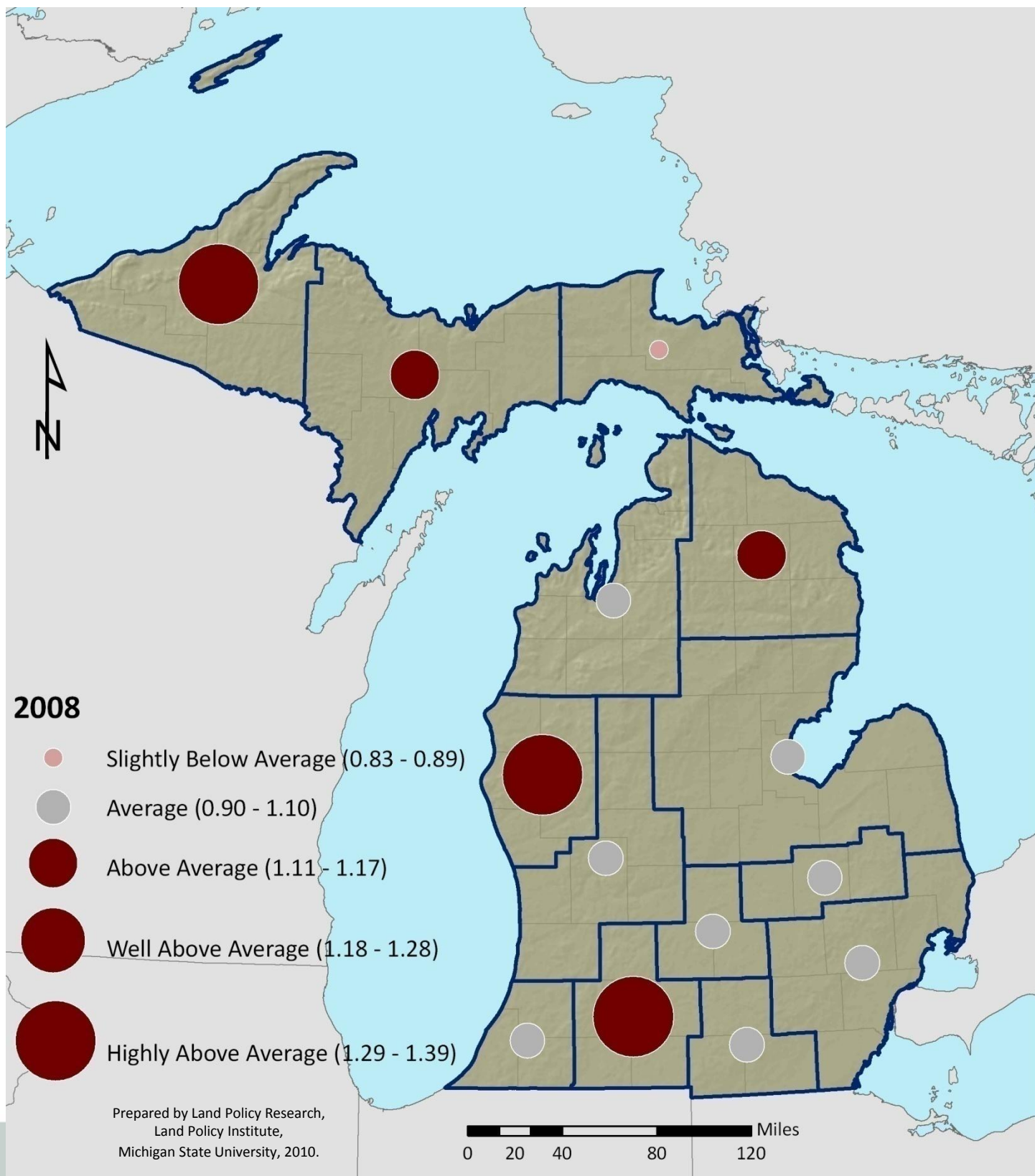


50 State Location Quotient Distribution

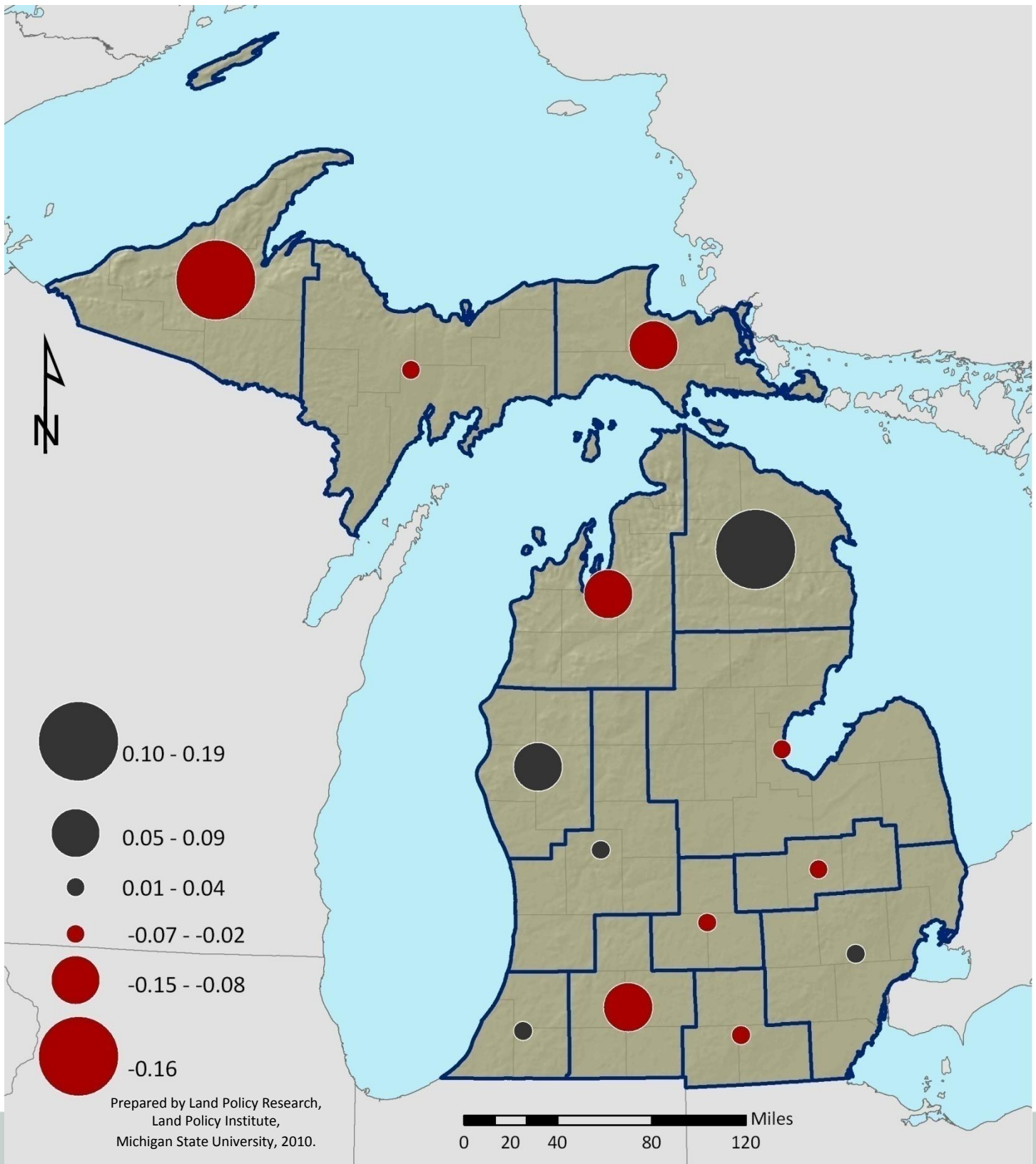
Health Care State LQ Charts



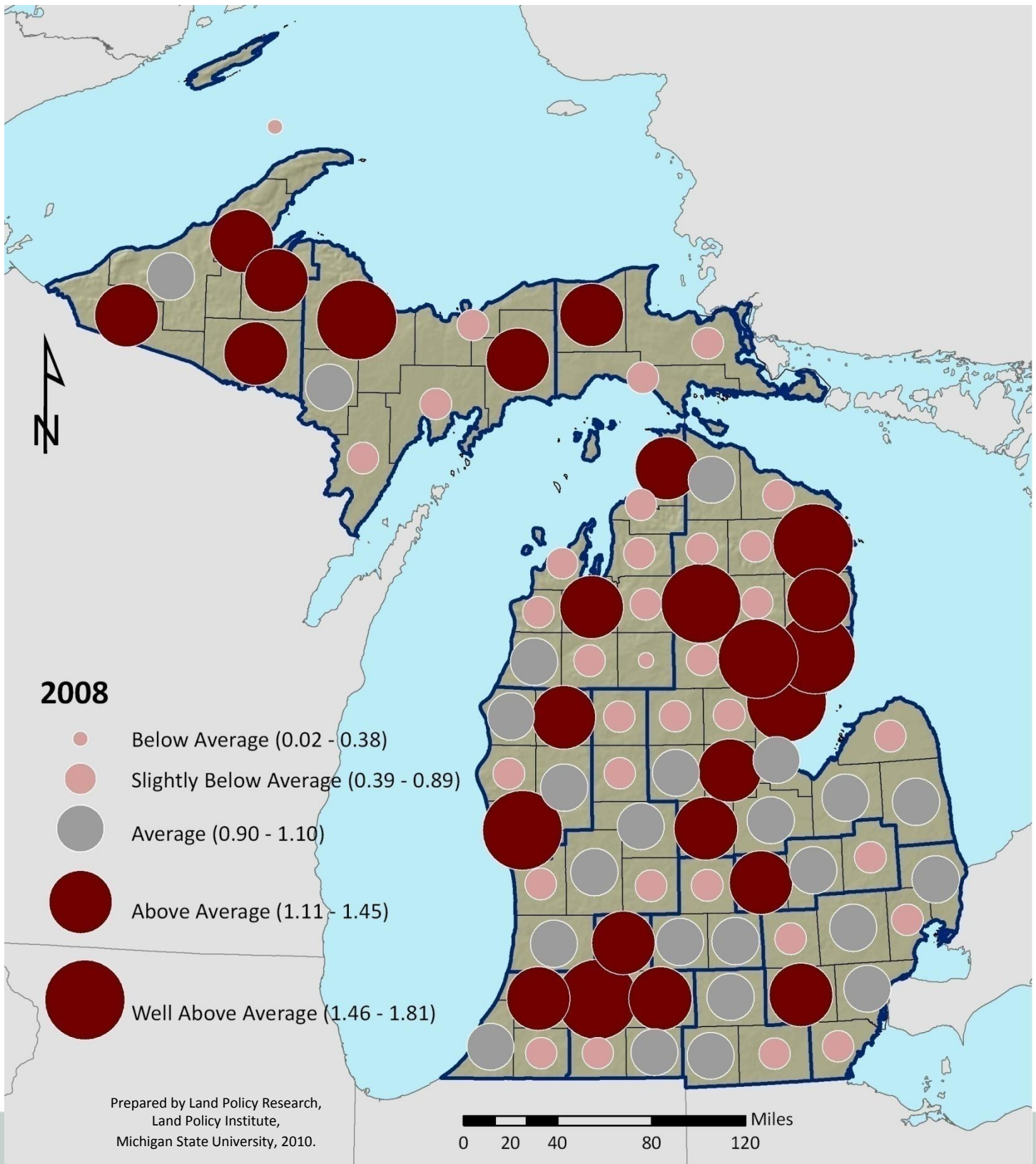
Regional Location Quotient Distribution



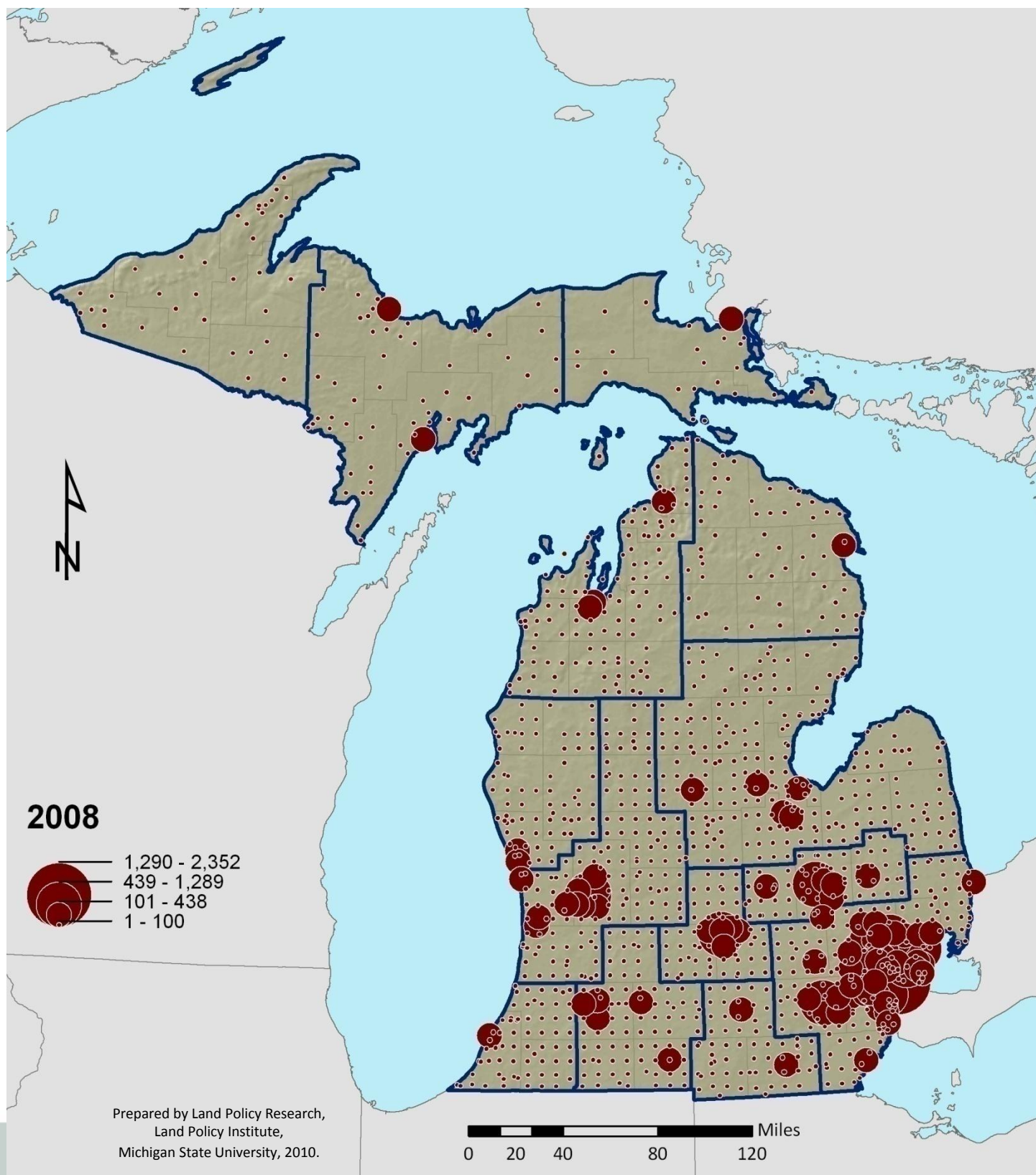
Change in Regional Location Quotient Distribution 2002-2008



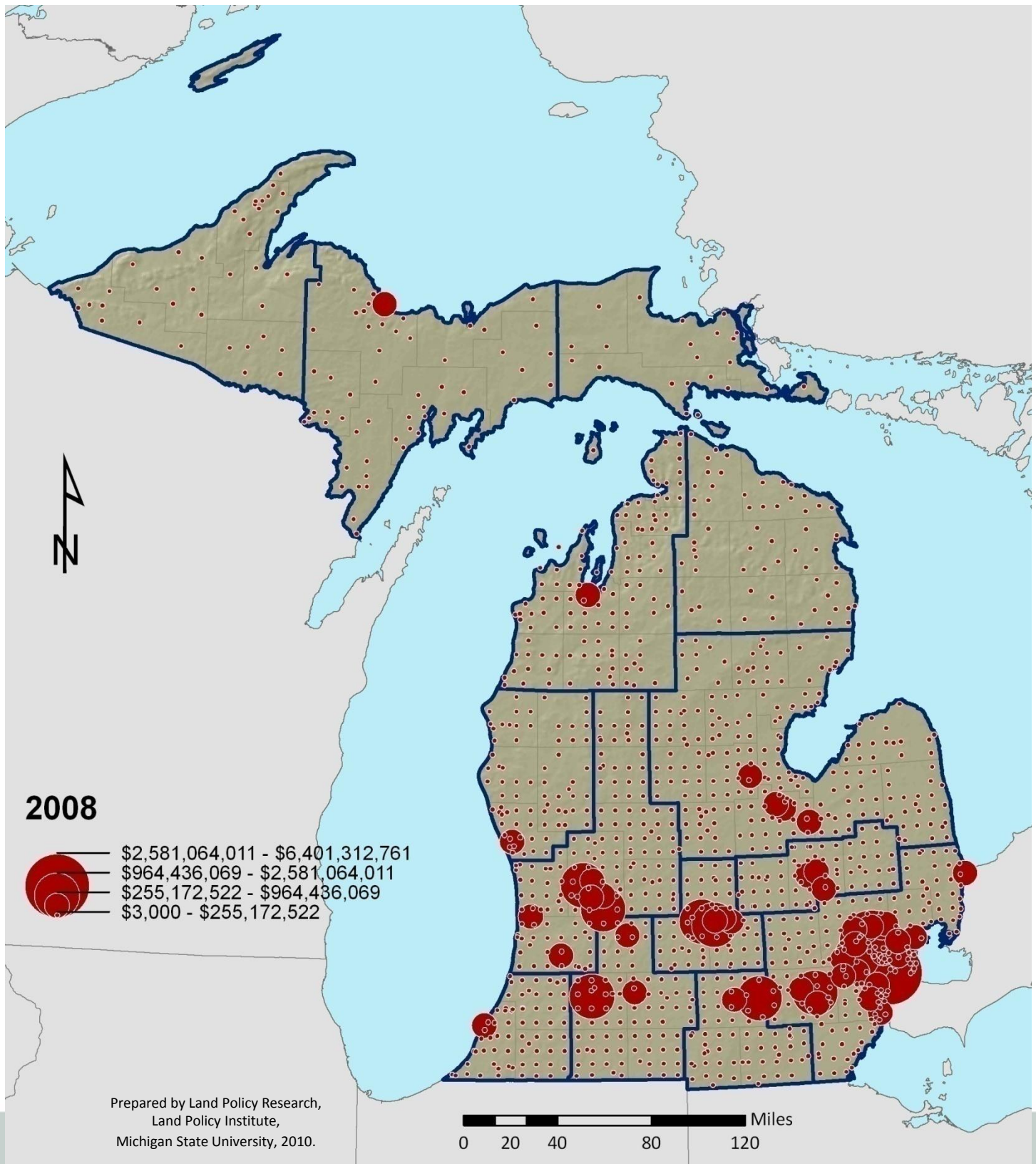
County Location Quotient Distribution



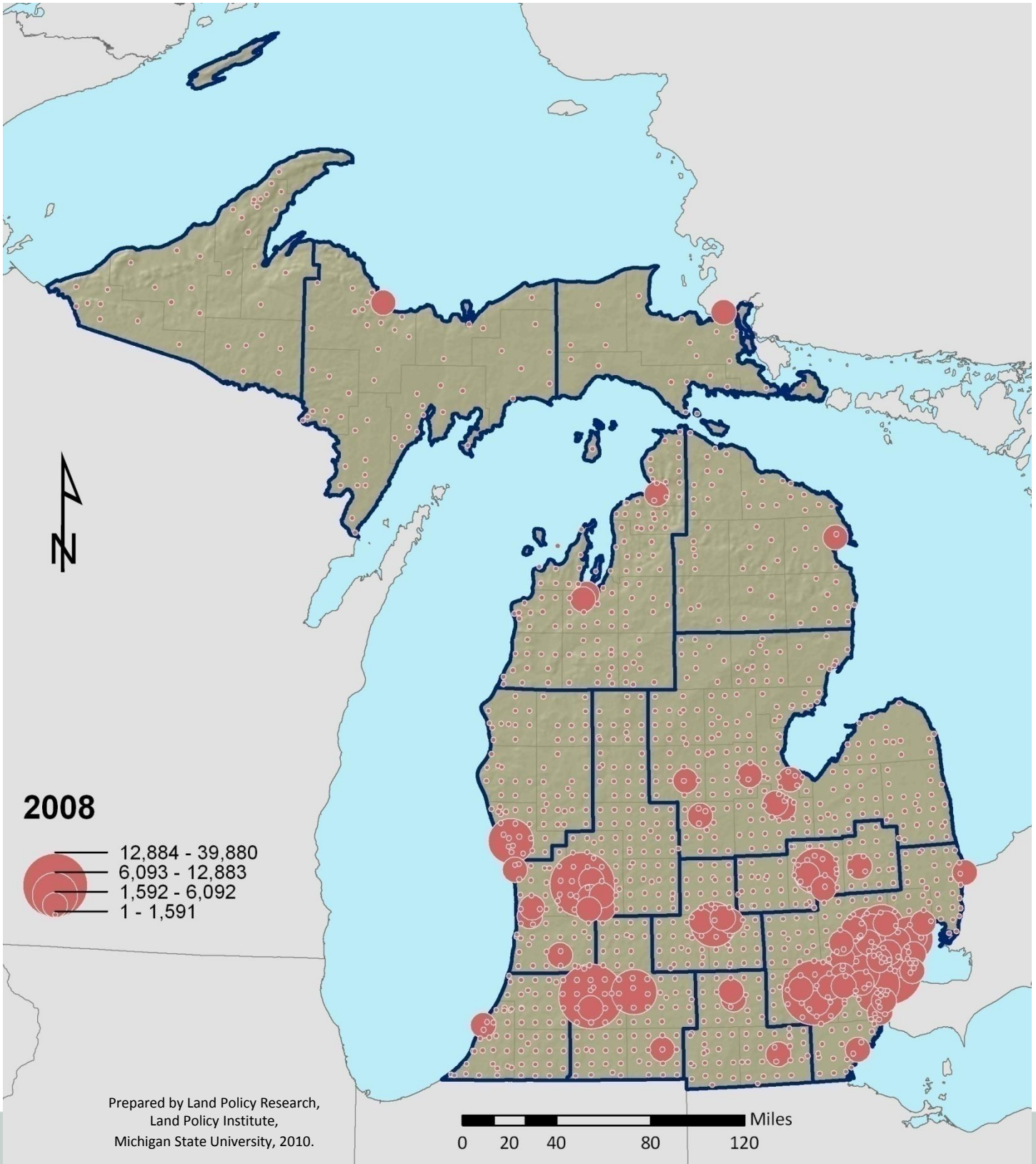
Establishments Statewide



Sales Statewide



Employment Statewide

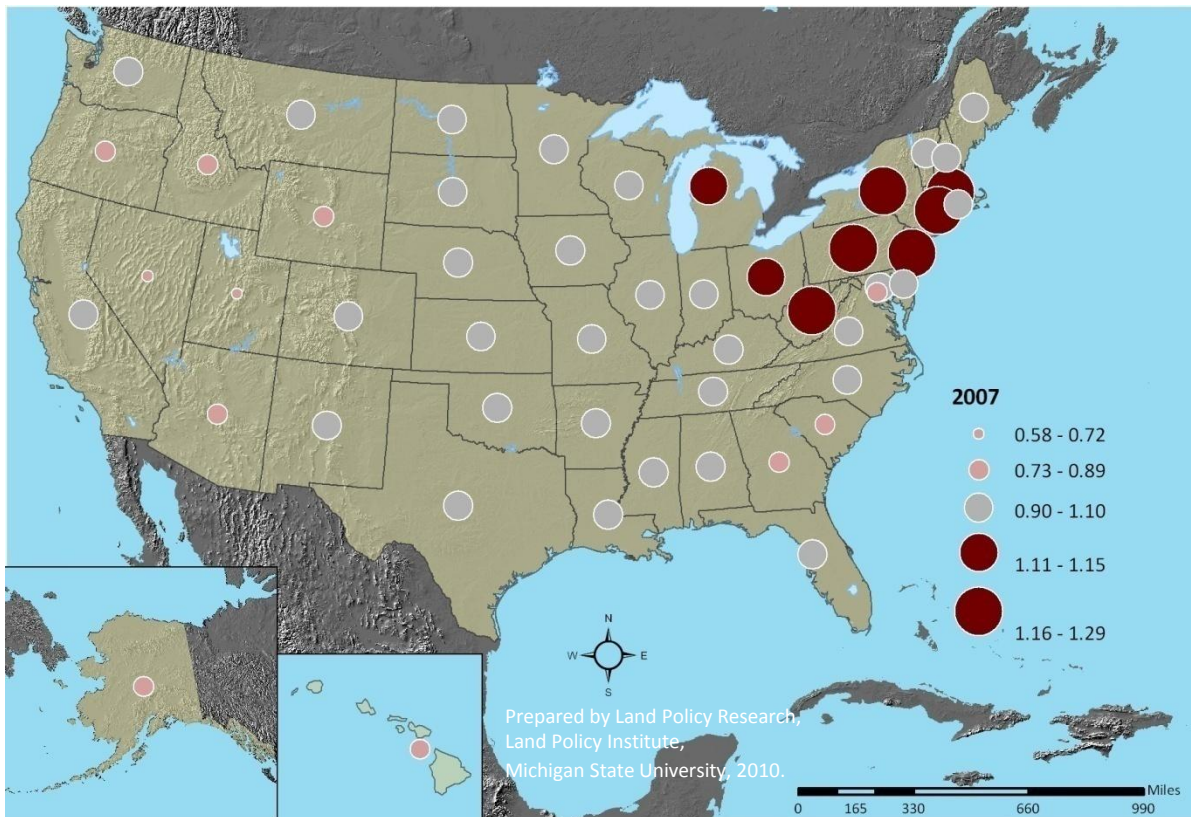


Life Sciences Cluster Analysis

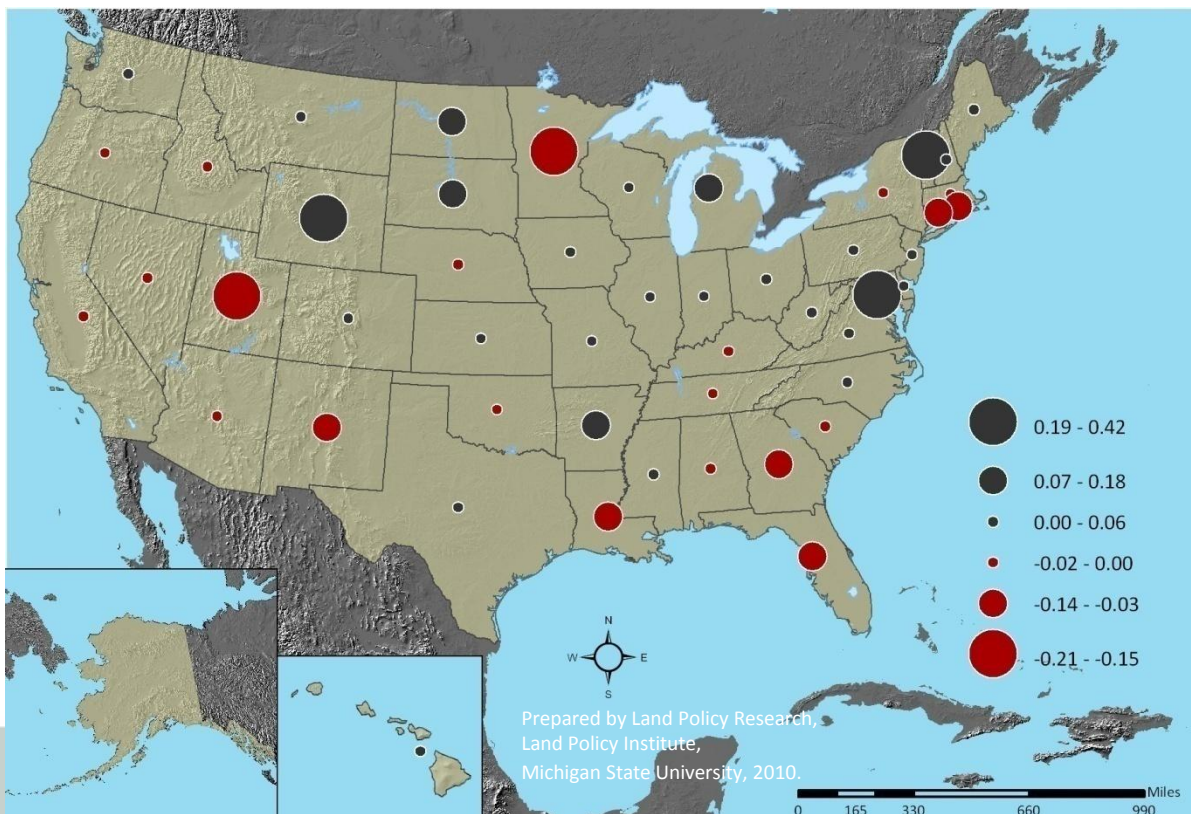
This super cluster includes industries such pharmaceutical research and manufacturing, chemical manufacturing, medical supply manufacturing and distribution etc. (for a complete specification see Appendix 1). This cluster has a long track record in Michigan and may present new opportunities.



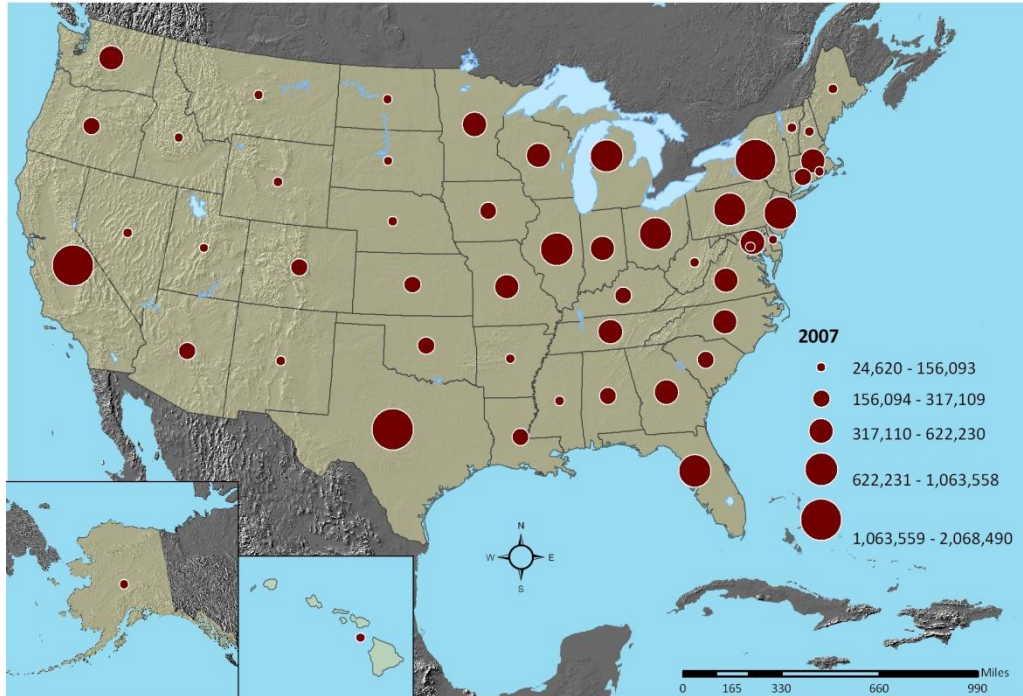
National Location Quotient



Change in Location Quotient 2003-2007

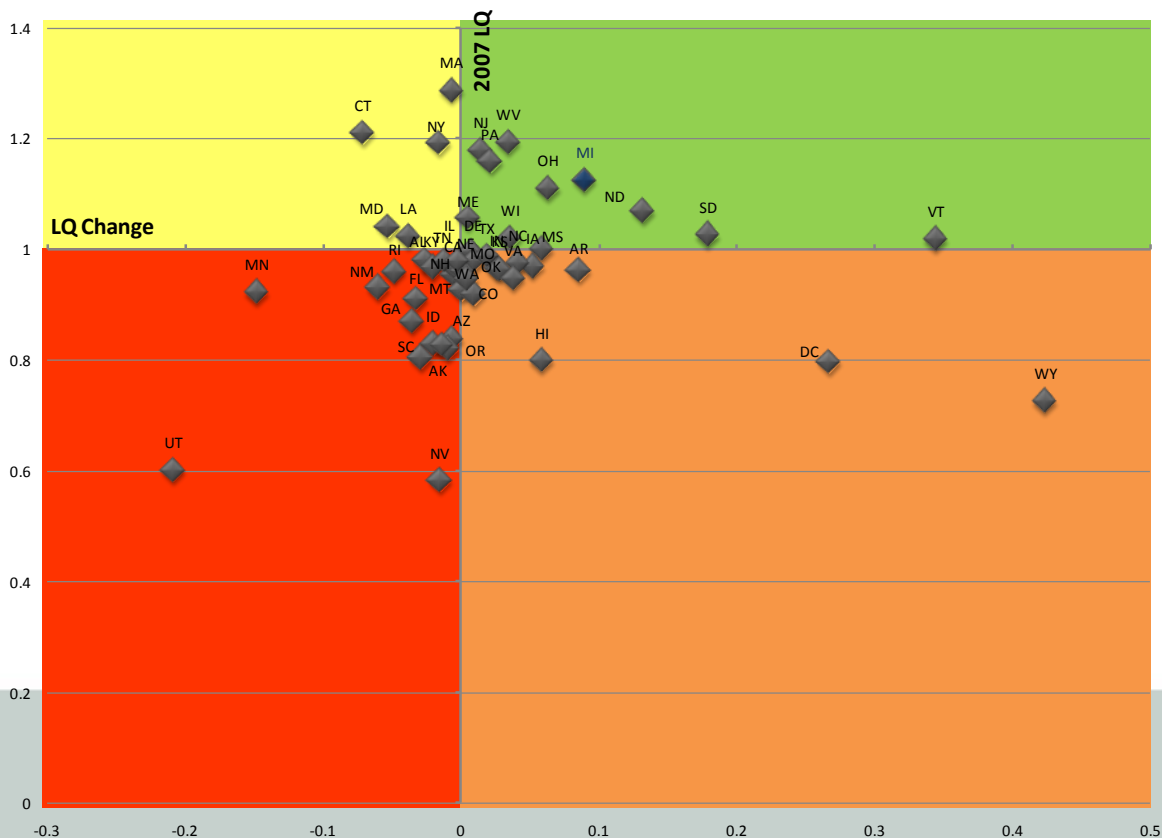


National Employment Distribution

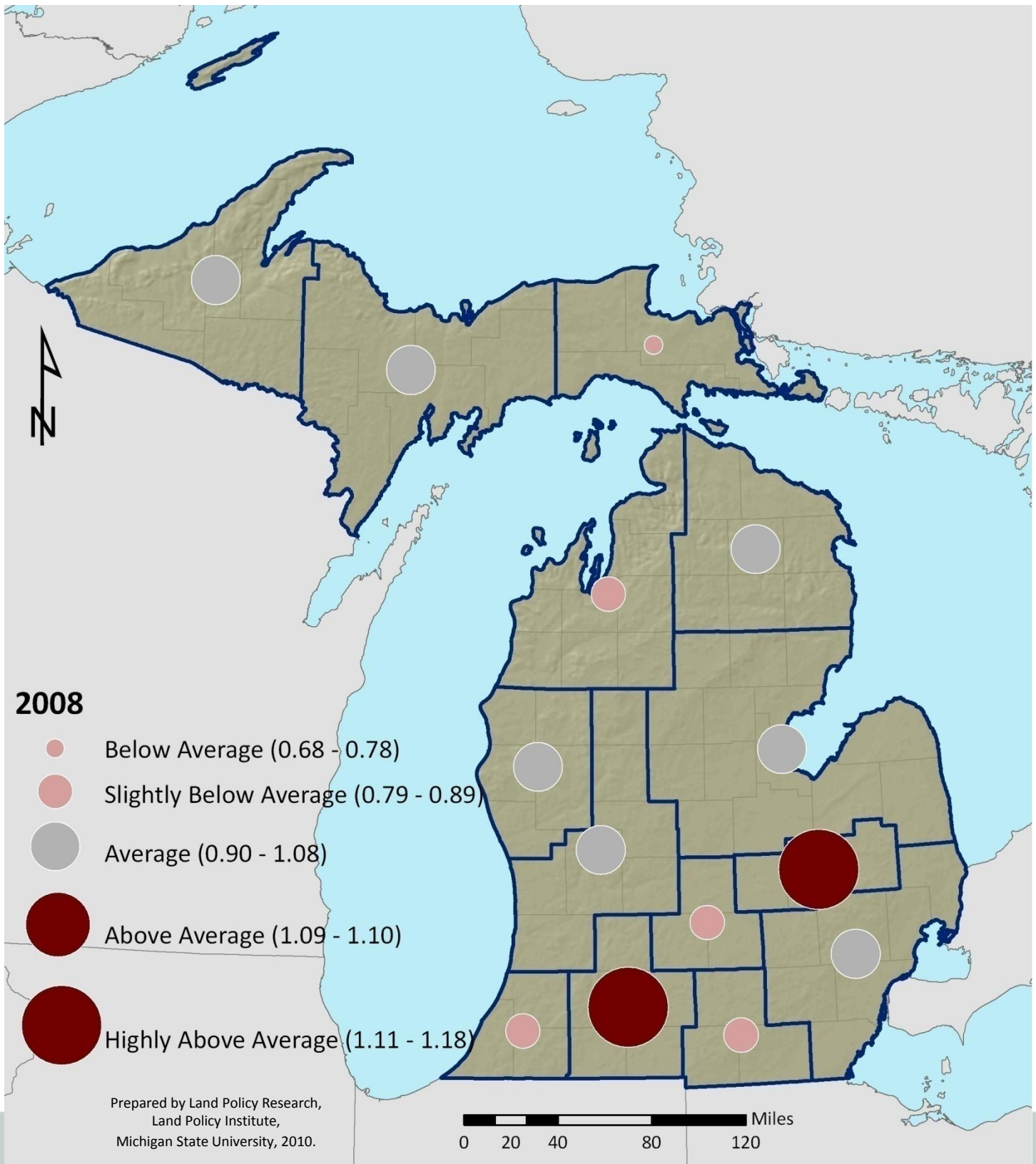


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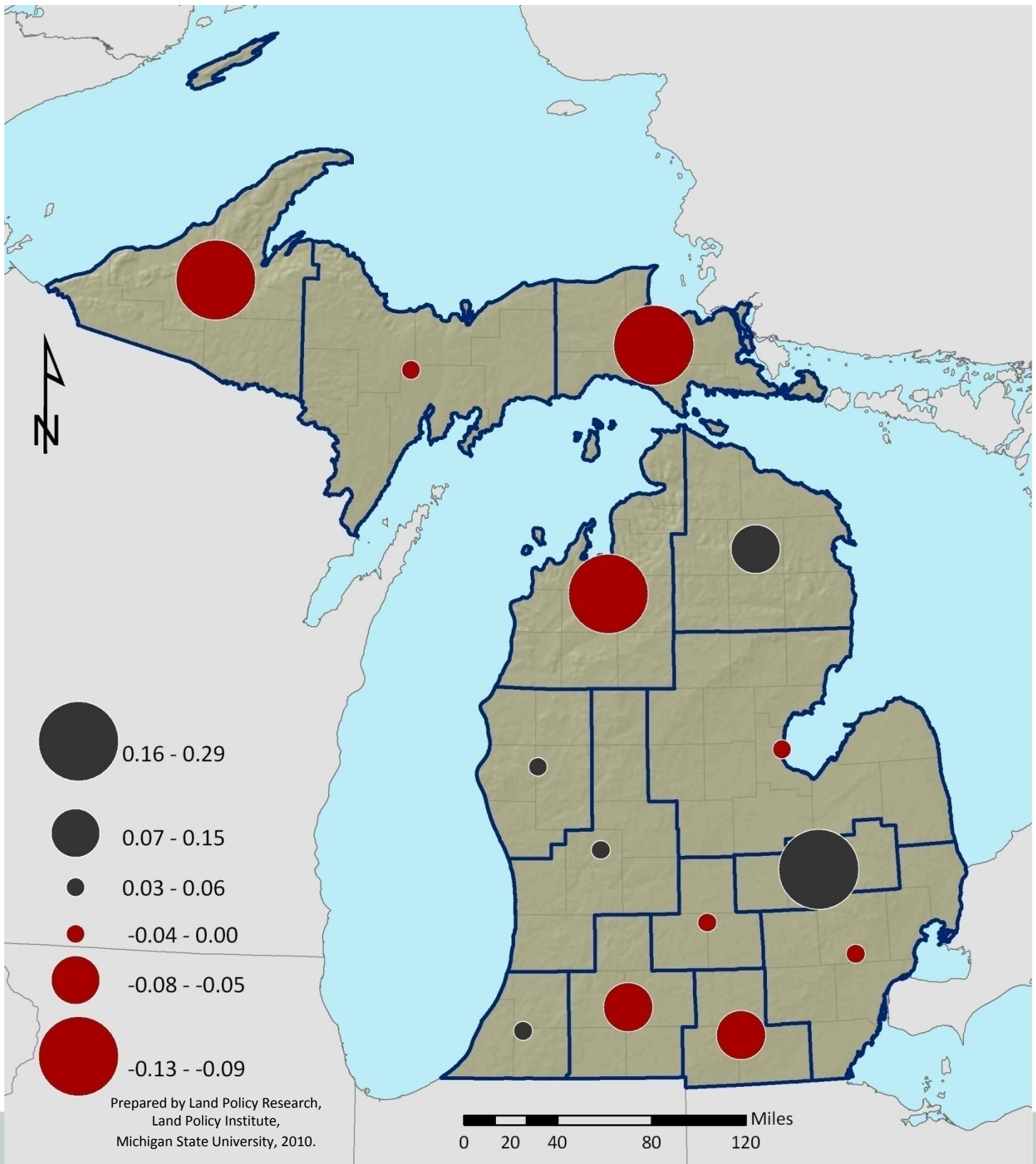
Life Sciences State LQ Chart



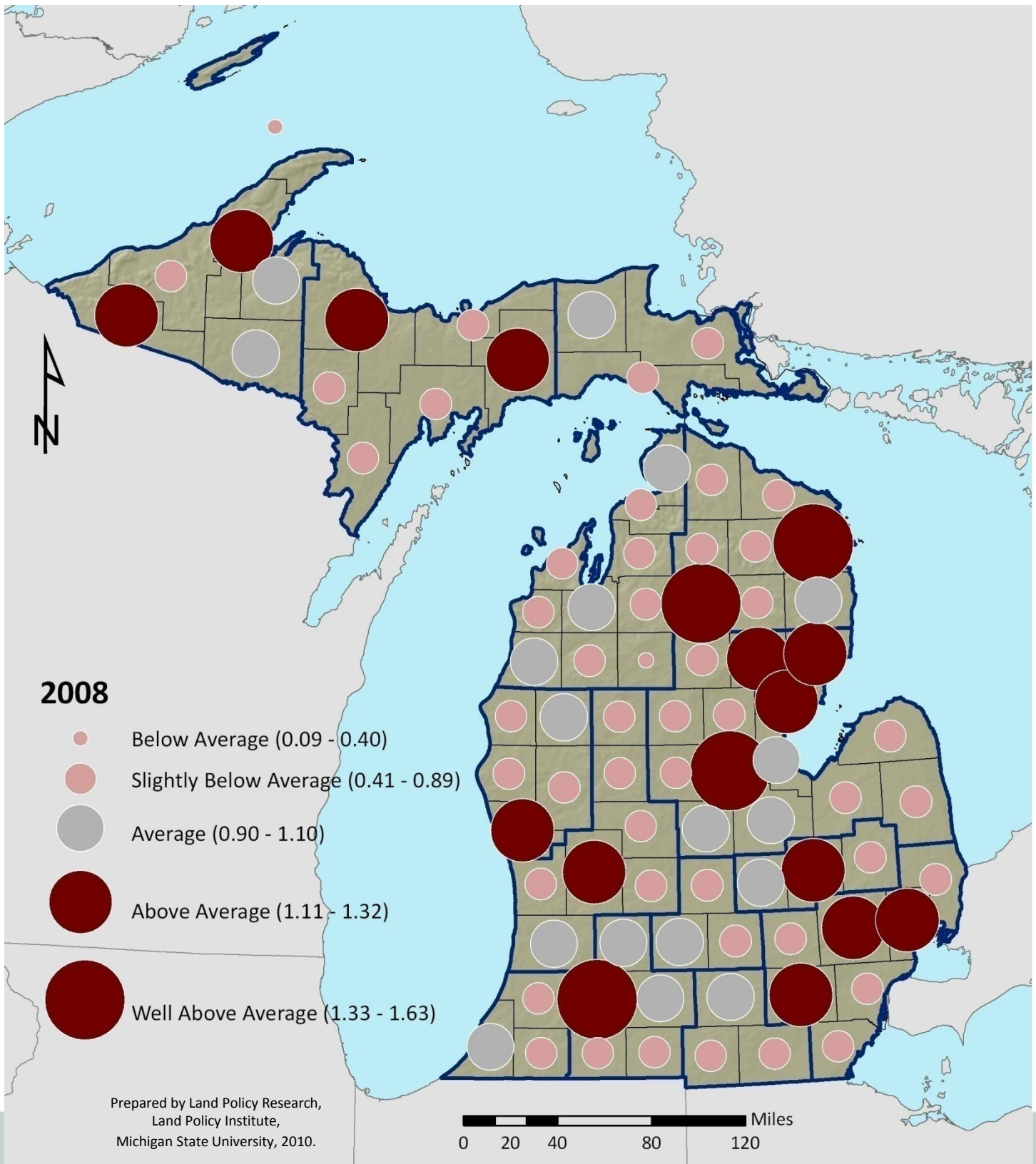
Regional Location Quotient Distribution



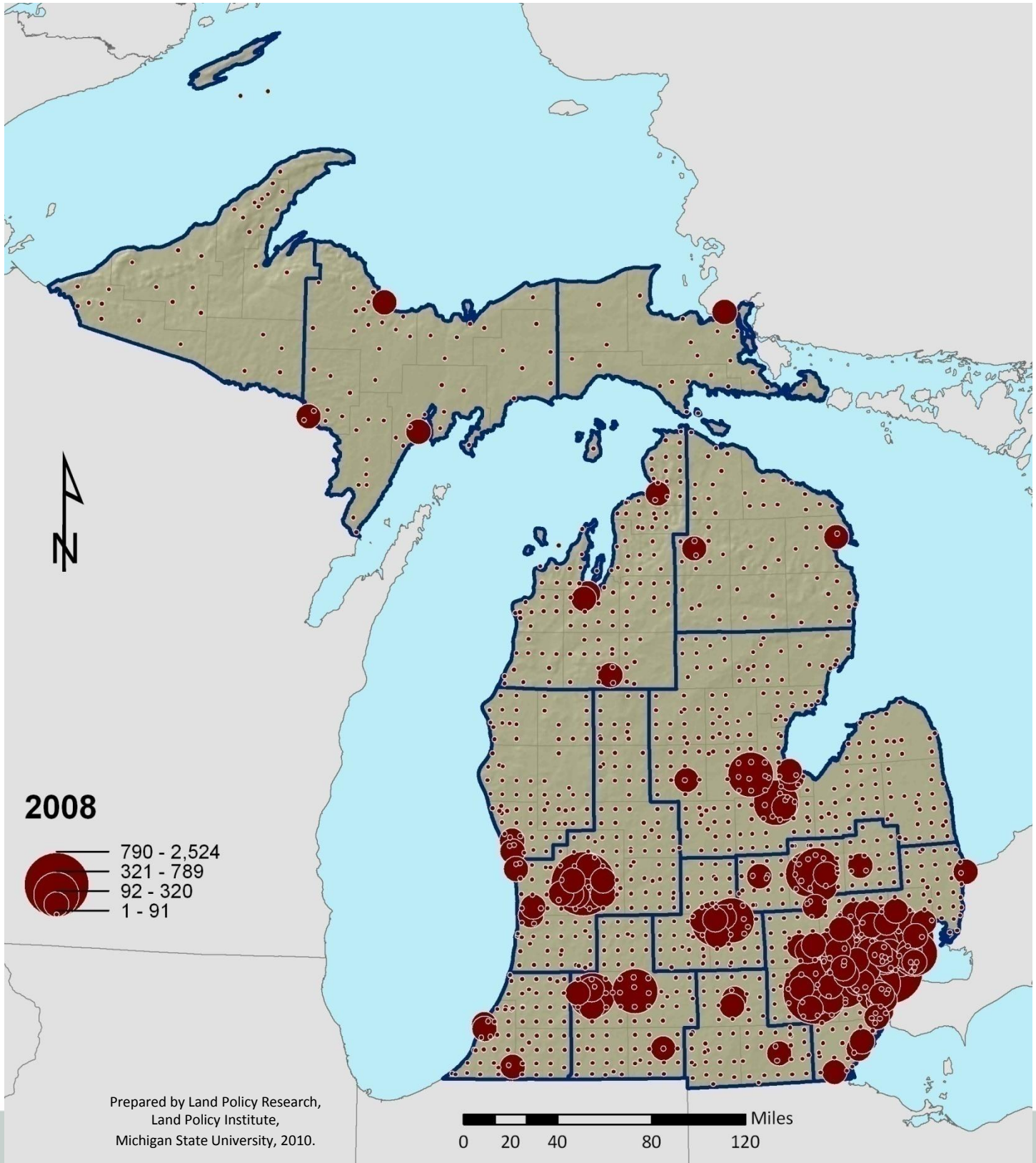
Change in Regional Location Quotient Distribution 2002-2008



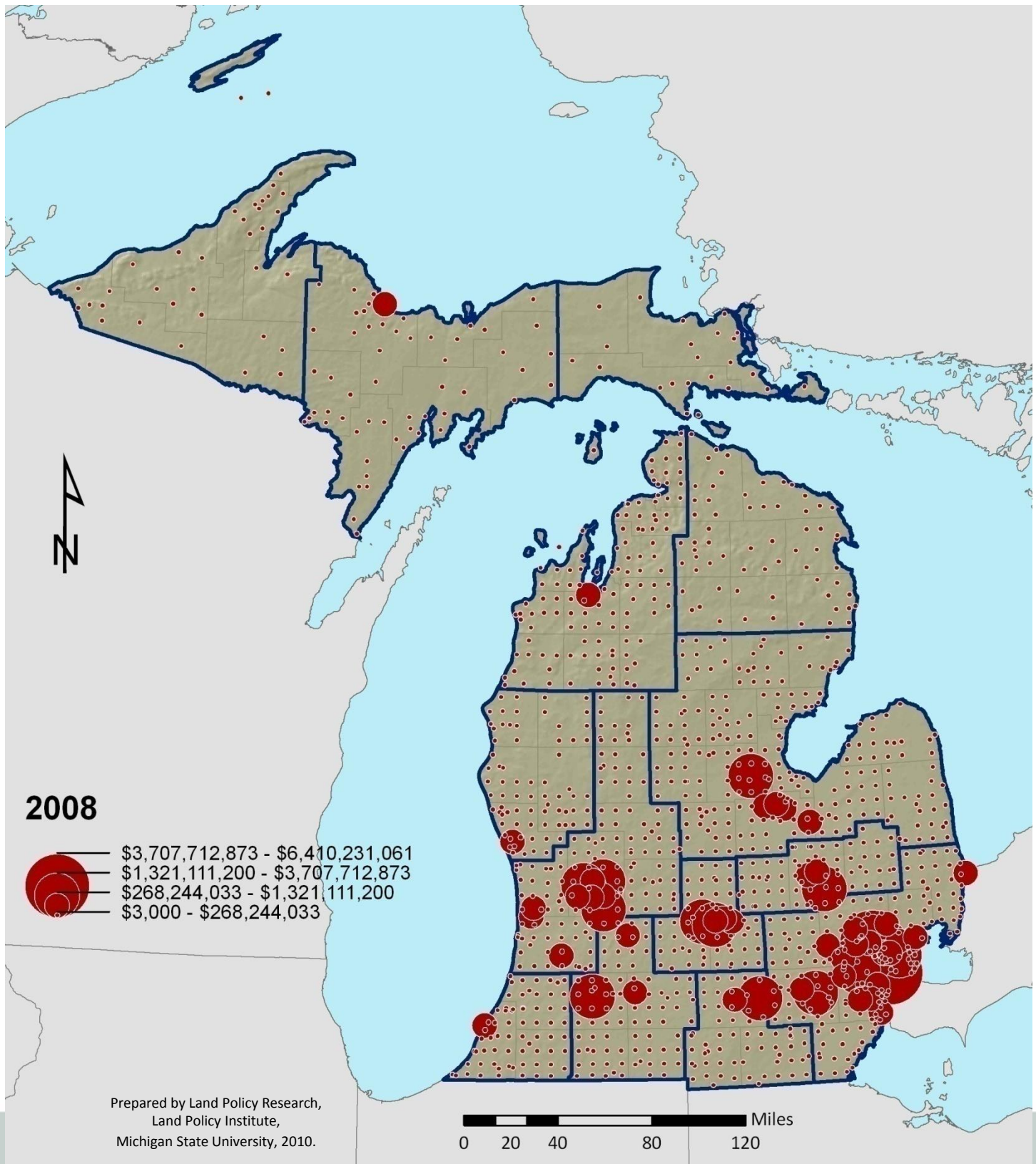
County Location Quotient Distribution



Establishments Statewide



Sales Statewide



Employment Statewide

