



Housing and Energy Equity

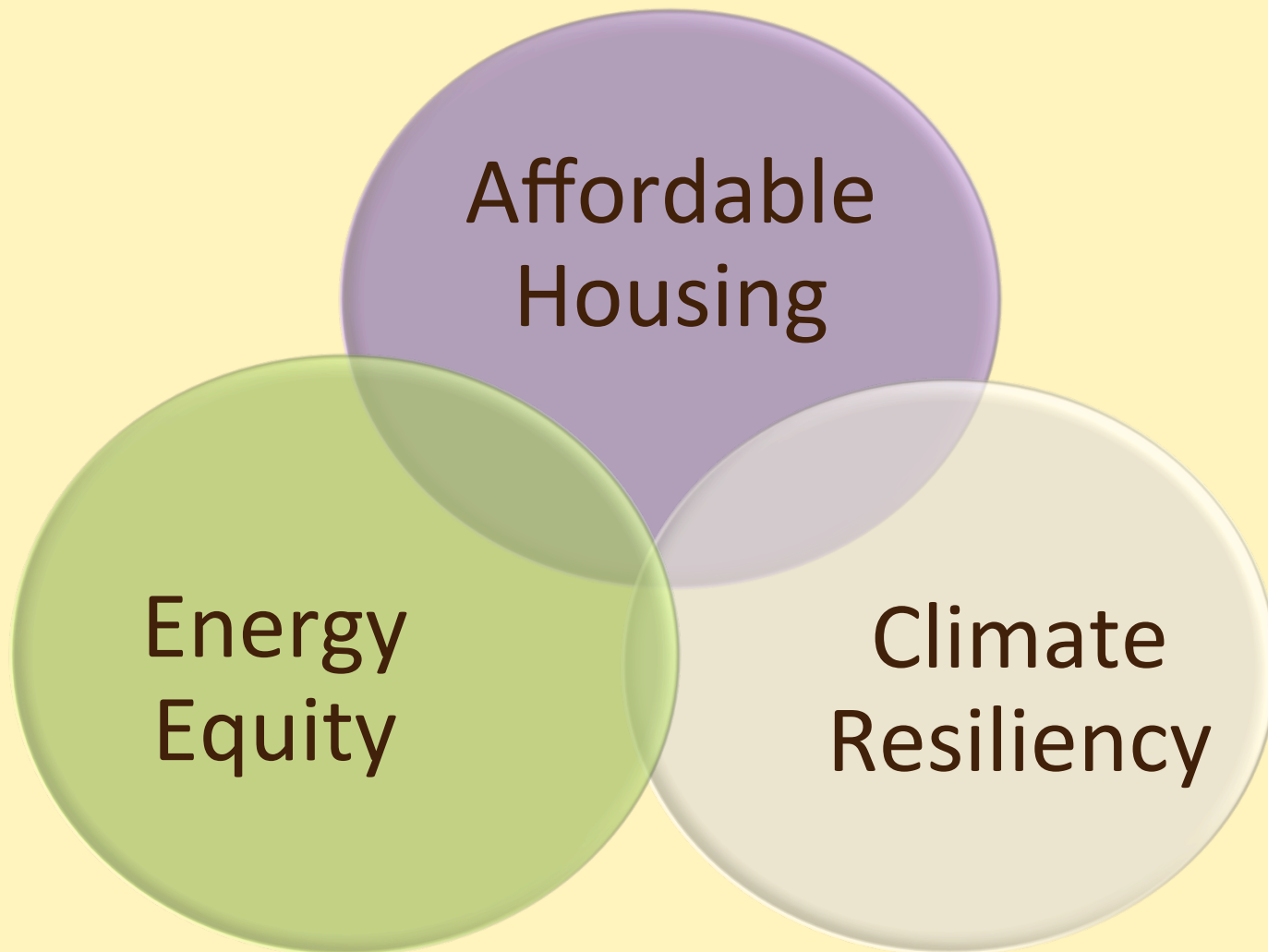
Shalini Gupta, Executive Director
Center for Earth, Energy and Democracy

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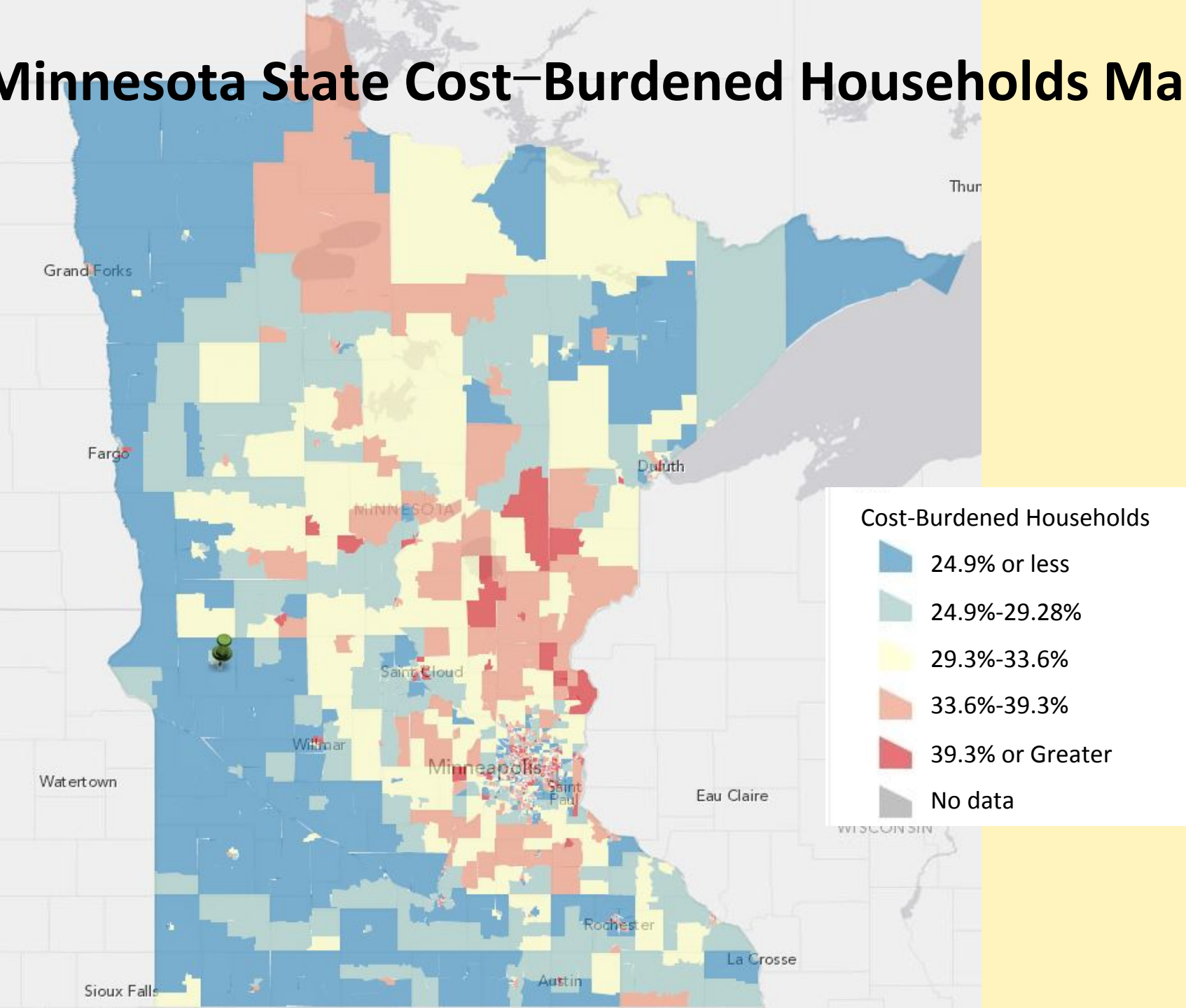


Center for Earth, Energy and Democracy (CEED)

- Climate, Energy and Environmental Policy
- Community Planning and Restoration
- Grassroots Popular Education
- Environment & Equity Consulting and Workshops

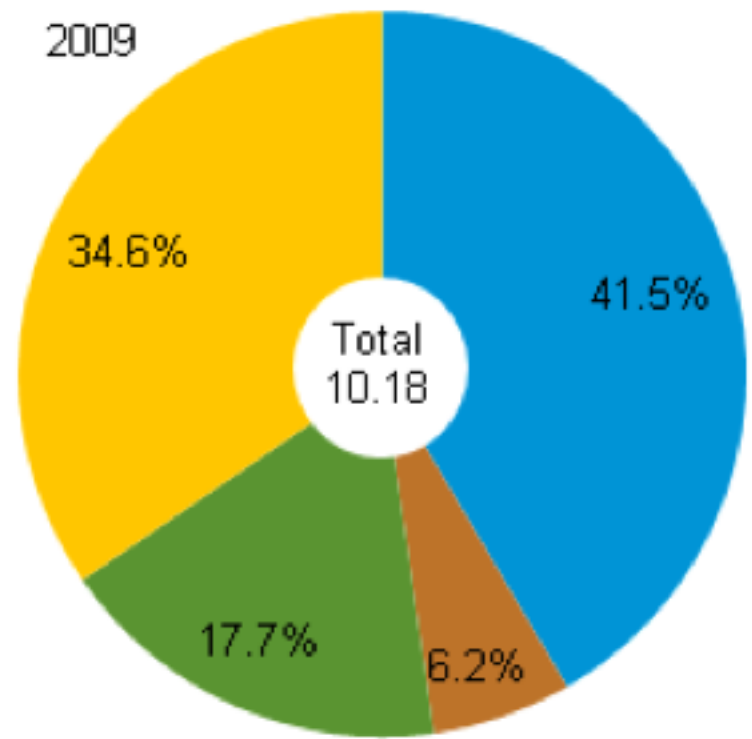
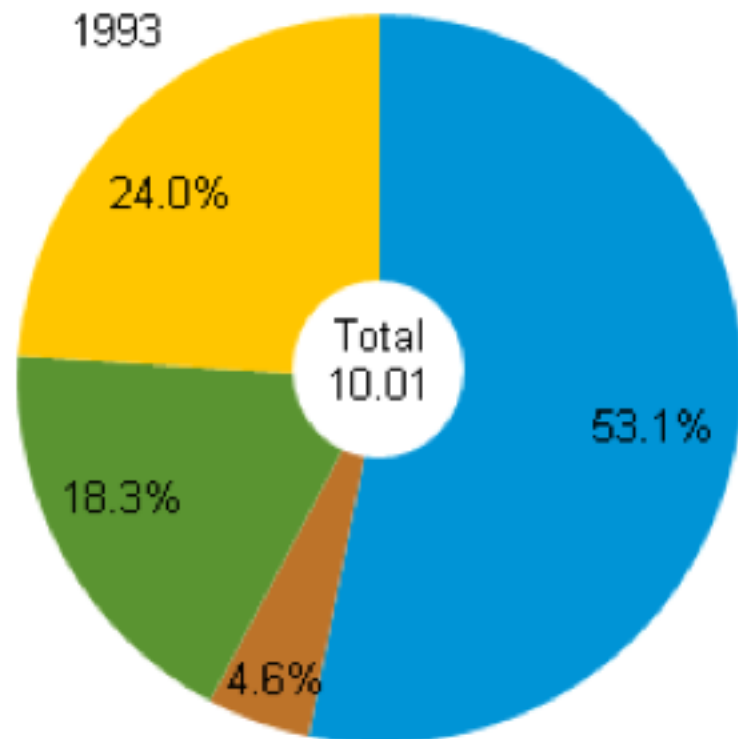


Minnesota State Cost-Burdened Households Map



Energy consumption in homes by end uses

quadrillion Btu and percent



■ space heating ■ air conditioning ■ water heating ■ appliances, electronics, and lighting

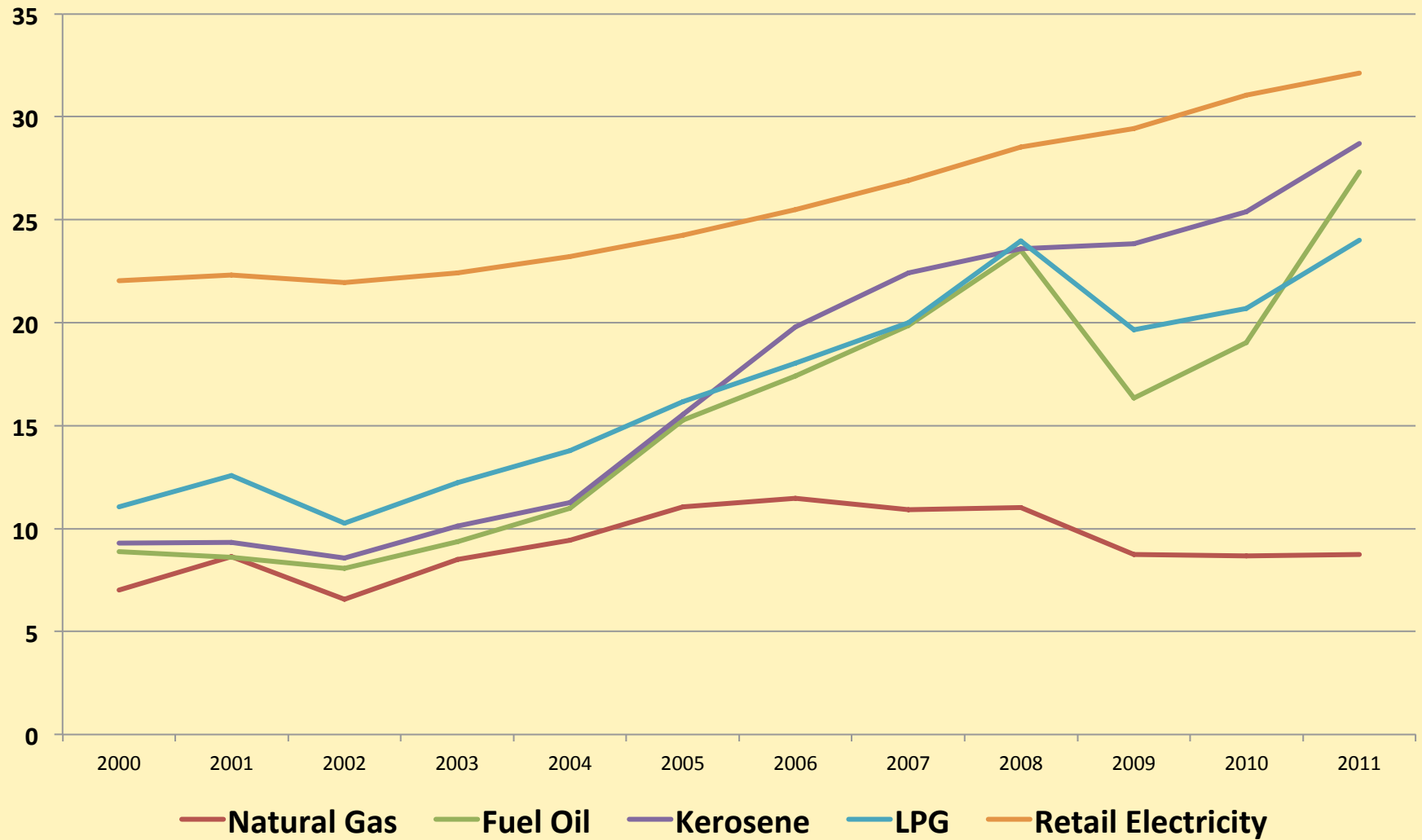
Source: U.S. Energy Information Administration, Residential Energy Consumption Survey.

Note: Amounts represent the energy consumption in occupied primary housing units.

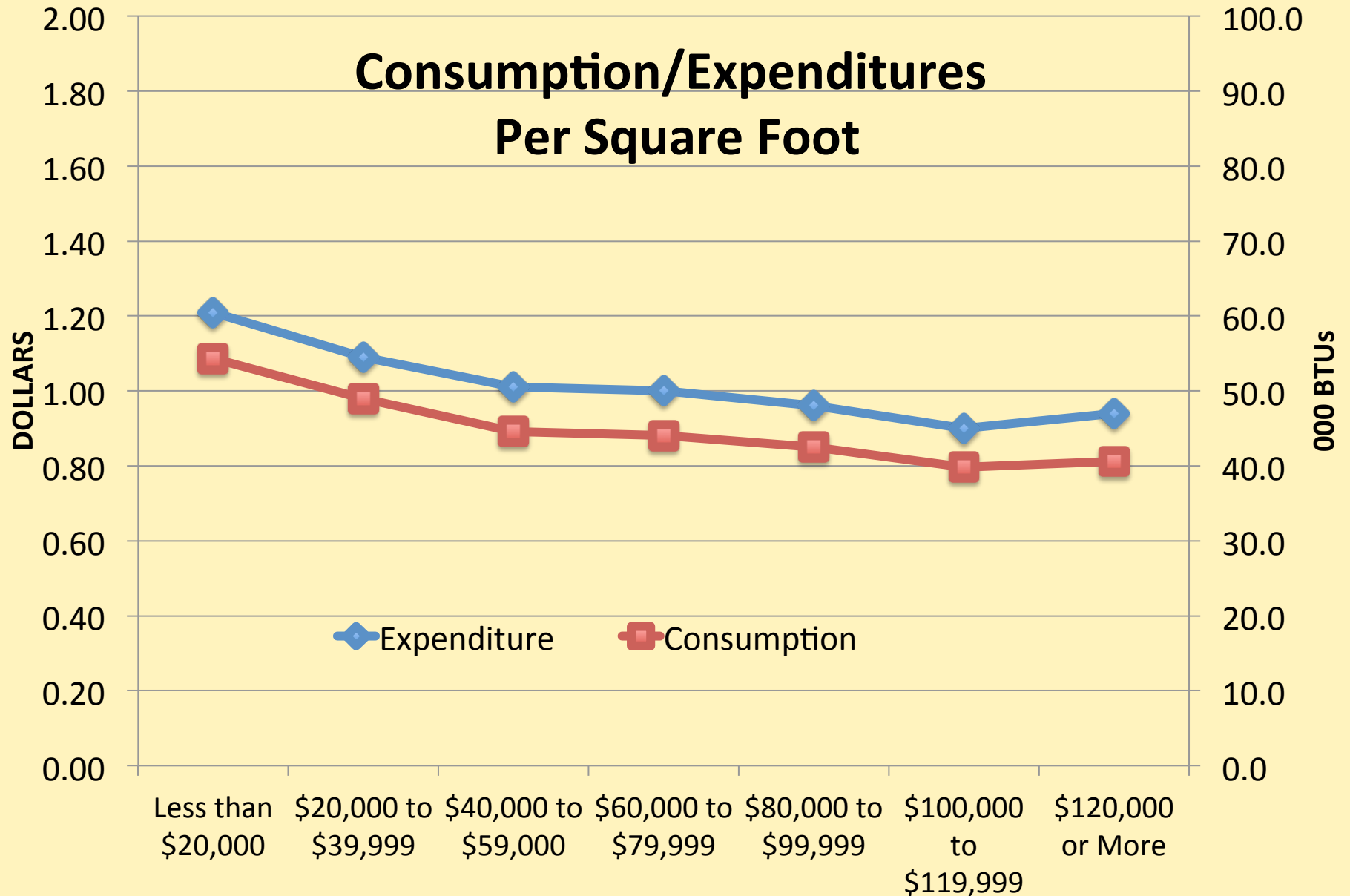
Energy Burden

	Income of Family of 4	Home Energy Burden	Actual Energy Costs
100% of Poverty Level	\$23,850.00	17%	\$4,054.00
150% of Poverty Level	\$35,775.00	10%	\$3,577.00
200% of Poverty Level	\$47,700.00	7%	\$3,339.00

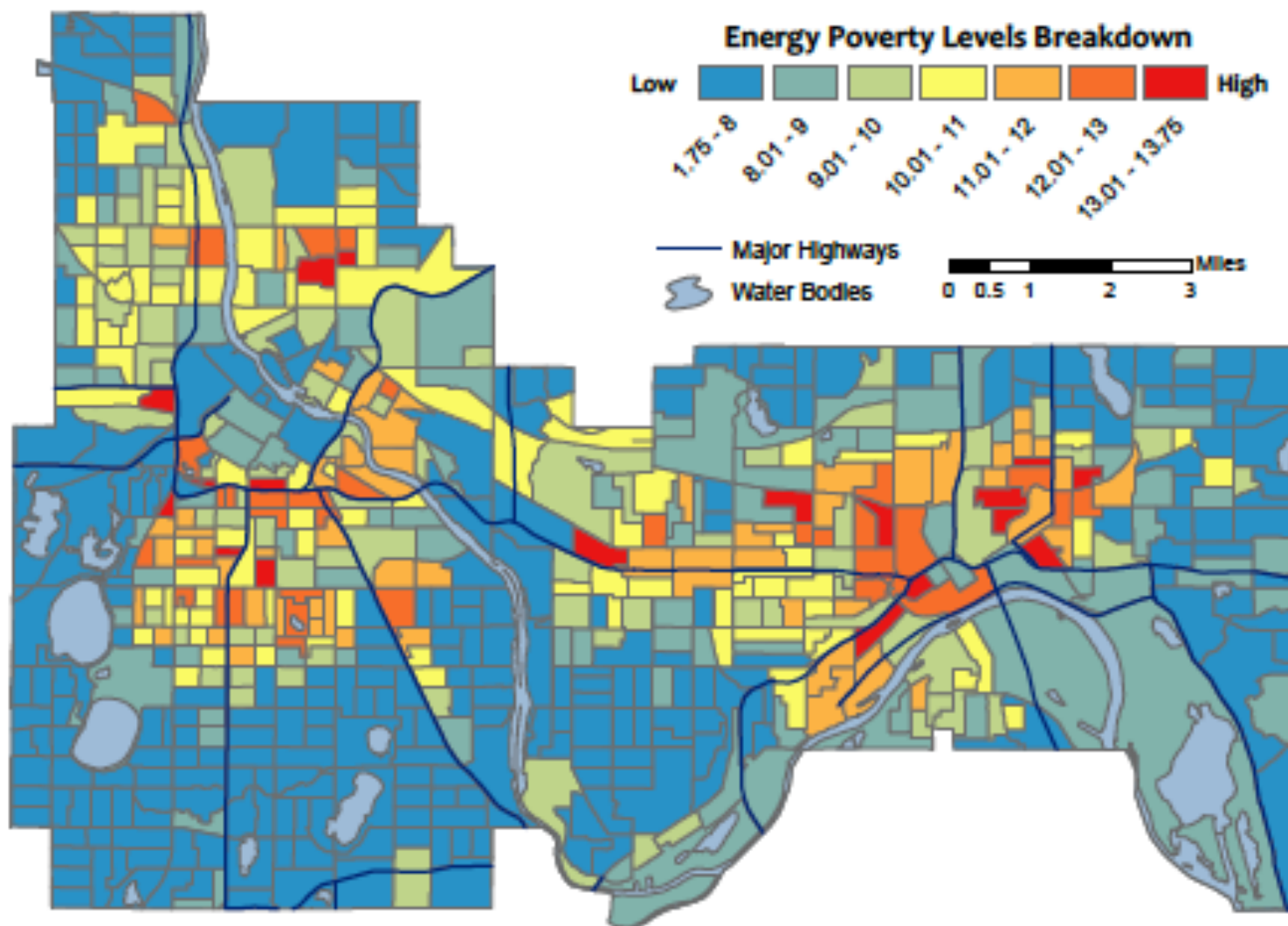
MN residential fuel prices, (\$/million btu)



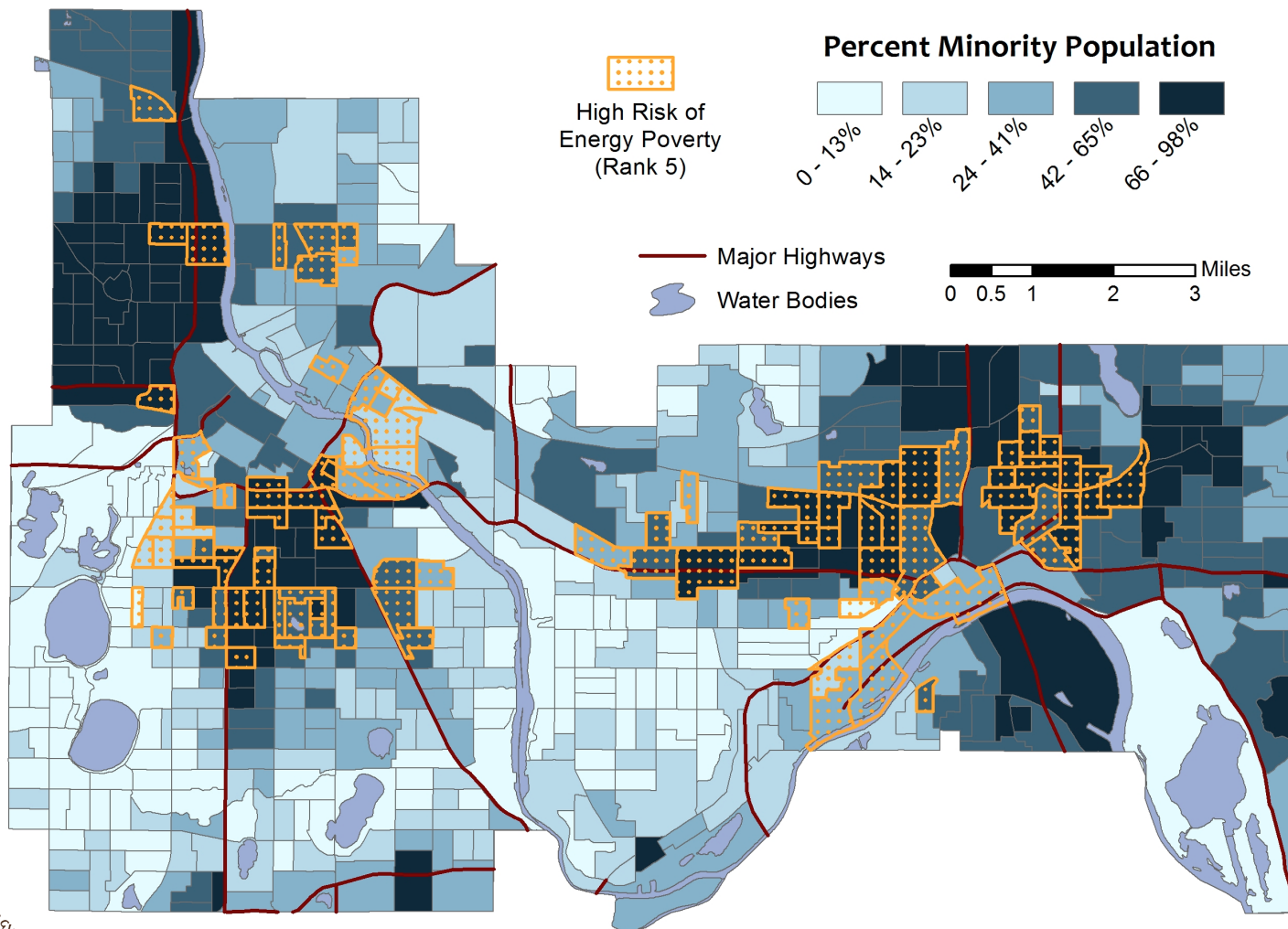
Consumption/Expenditures Per Square Foot



Vulnerability to Energy Poverty in the Twin Cities, MN



Minority Populations and High Risk of Energy Poverty



“A realtor should never be instrumental in introducing into a neighborhood . . .

Members of any race or nationality, or any individual whose presence will be clearly detrimental to property values in that neighborhood.”

“If a neighborhood is to retain stability, it is necessary that properties should continue to be occupied by the same social and racial groups.”



National EJ Policy and Law

Executive Order 12898

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Inter-Agency Working Group

National EJ Advisory Council

Title VI Civil Rights Act of 1964



Minneapolis Climate Action Plan Goal #3



Advance equity in infrastructure and environmental benefits between neighborhoods and communities.

- Neighborhoods that already have cumulative pollution impacts and high energy burdens should be prioritized for strategy implementation.
- Financial investment should also be directed toward the most disadvantaged communities.

Green Zones

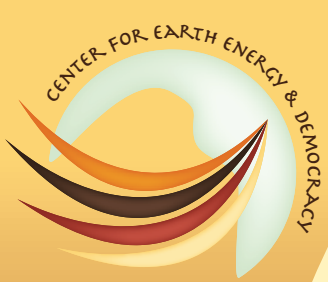




MCAP and Clean Energy Partnership

Green Zone Initiative

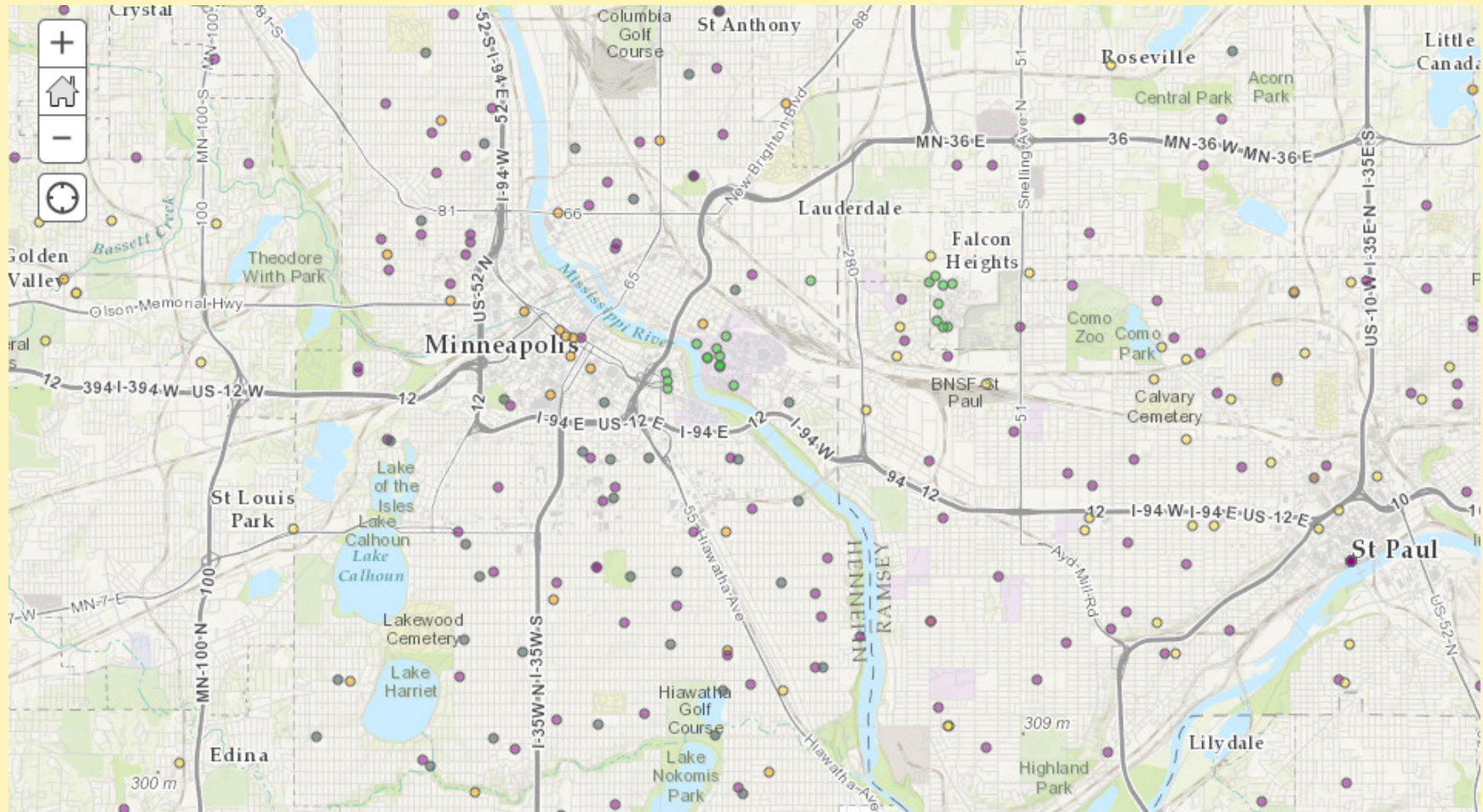
- City designation for neighborhoods or clusters of neighborhoods that face the cumulative impacts of environmental, social, political and economic vulnerability.
- Target housing and commercial retrofit campaigns, to increase energy efficiency, boost renewable energy installation; receive targeted city, state and federal pollution reduction and funding opportunities.



Energy & Climate Resiliency

- Severe Events can Impact our Energy Services:
 - Loss of refrigeration
 - Appliances, chargers
 - Loss of lighting, air conditioning, heating
 - Loss of use of elevators
 - Safety/Lighting
 - Evacuation of hospitals, other care facilities

Energy Investments that start to Build Community Resiliency





Thank you

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