



***HUD Office of Sustainable Communities
Flagship Sustainable Indicators
June 27, 2013***



Purpose

- Capture data that can be used to demonstrate the impact of the Sustainable Communities Initiative
- Answer questions regarding best practices and lessons learned
- Develop a common measurement framework across the United States
- Empower individual communities to track progress toward their sustainability goals



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Caveats

- This is NOT the Northeast Ohio Regional Dashboard
- HUD Flagship Sustainable Indicators Report is a compliance document (prescribed indicators, methodology, data sources and format)
- Terms and definitions determined by HUD (e.g. “low-moderate income household;” “urban vs. rural county”)
- National baseline data not yet available (the primary purpose of HUD gathering data from grantees)
- These indicators are not related to the scenarios being created through the Vibrant NEO 2040 process



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Transportation Choice:
Total Percentage of
Workers Commuting Via
Walking, Biking, Transit or
Rideshare



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Transportation Choice (2011)

State of Ohio: 12.4%

Northeast Ohio: 12.2%

Cuyahoga (high): 16.3%

Medina (low): 7.5%



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Housing Affordability:
Percentage of Housing Units
Affordable to Households
Earning 80% of the HUD Area
Median Family Income, by
Owner and Renter



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Housing Affordability (2009)

Renter-Occupied

State of Ohio: 61.6%
Northeast Ohio: 62.0%

Cuyahoga (high): 64.5%
Geauga (low): 51.0%

Owner-Occupied

State of Ohio: 19.5%
Northeast Ohio: 20.0%

Cuyahoga (high): 23.2%
Geauga (low): 9.8%



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Equitable Development:
Combined Housing and
Transportation Affordability -
Proportion of Household Income
Spent on Housing and
Transportation Costs



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Housing & Transportation Affordability (2011)

All Households

State of Ohio: 39.7%
Northeast Ohio: 53.5%

Geauga (high): 68.5%
Cuyahoga (low): 50.0%

Households in Low-Income Census Tract Block Groups

State of Ohio: na
Northeast Ohio: 43.7%

Ashtabula (high): 54.8%
Cuyahoga (low): 40.8%



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Equitable Development: Access to Healthy Food Choices – Percent of Total Regional Population that Resides in a Low-Income Census Tract AND Resides More than One Mile (Urban) or 10 Miles (Rural) from a Supermarket/ Large Grocery Store



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Access to Healthy Food Choices (2006)

State of Ohio: 5.9%

Northeast Ohio: 8.0%

Mahoning (high): 16.0%

Cuyahoga (low): 4.5%



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Equitable Development:
Access to Open Space –
Percent of the Population that
Resides Within a Half-Mile
(Urban) or One Mile (Rural) of a
Park or Open Space



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Access to Open Space (2011)

All Households

State of Ohio: na
Northeast Ohio: 54.1%

Cuyahoga (high): 76.7%
Trumbull (low): 15.0%

Households in Low-Income Census Tract Block Groups

State of Ohio: na
Northeast Ohio: 77.7%

Cuyahoga (high): 92.5%
Trumbull (low): 10.1%



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Economic Resilience: Economic Diversification Index



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Economic Diversification Index (2011)

$$R_i = \sum \left| \left(\frac{E_{ij}}{E_i} - \frac{E_j}{E} \right) \right|$$

State of Ohio: 0.15

Northeast Ohio: 0.19

NEO Sectors Most Different from US:

- Manufacturing (NEO +)
- Health Care and Social Assistance (NEO +)
- Administrative and support and waste management and remediation services (US +)



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Economic Resilience: General Local Government Debt-to- Revenue Ratio



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Government Debt-to-Revenue Ratio (2002)

State of Ohio:	na
Northeast Ohio:	0.79
Cuyahoga (high):	1.10
Ashtabula (low):	0.24

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**Economic Growth Through
Reinvestment: Net Acres of
Agricultural and Natural
Resource Land Lost Annually to
Development Per New Resident**

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Economic Growth through Reinvestment (2000-2006)

State of Ohio: na
Northeast Ohio: - 0.82

Summit (high): + 1.46
Ashtabula (low): -26.00



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Economic Growth through Reinvestment (2000-2006)

Urban Land Cover Change	Population Change	
	Increase (+)	Decrease (-)
Increase (+)	Variable Efficiency (more people occupy more urban area)	Lower Efficiency (less people occupy more urban area)
Decrease (-)	Higher Efficiency (more people occupy less urban area)	Variable Efficiency (less people occupy less urban area)



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