

NETI

- Established as a "501c3" Research Institute in November 2001
- Funded under Section 5513 (f) Rural Transportation Research, SAFETEA-LU
- Additional funding from
 - The University of Vermont Transportation Research
 Center
 - The "Changing Climate Change" program of the Green Mountain Coffee Roasters, Inc

Focus Areas: FHWA Grant Agreement DTFH61-06-G-0008

- 1) Rural Transportation: Issue Definition and Refinement
- 2) Rural Transportation: Implications for Safety and Health
- 3) Information Technologies for Rural Mobility and System Connectivity

1) Rural Issue Definition and Refinement

- NETI has concluded a major survey to document the attitudes of those in the rural states of the Northeast concerning their perceptions of their own levels of mobility, and their perceptions of their isolation.
- These perceptions of mobility or isolation are being examined against many variables, including age and position in the life cycle. Results are analyzed in terms of their evaluation of the quality of their access to medical services, and retail activities, among other destinations.

The New England Transportation Survey

 Database includes 3,700 survey responses from Maine, New Hampshire and Vermont New England Transportation Institute



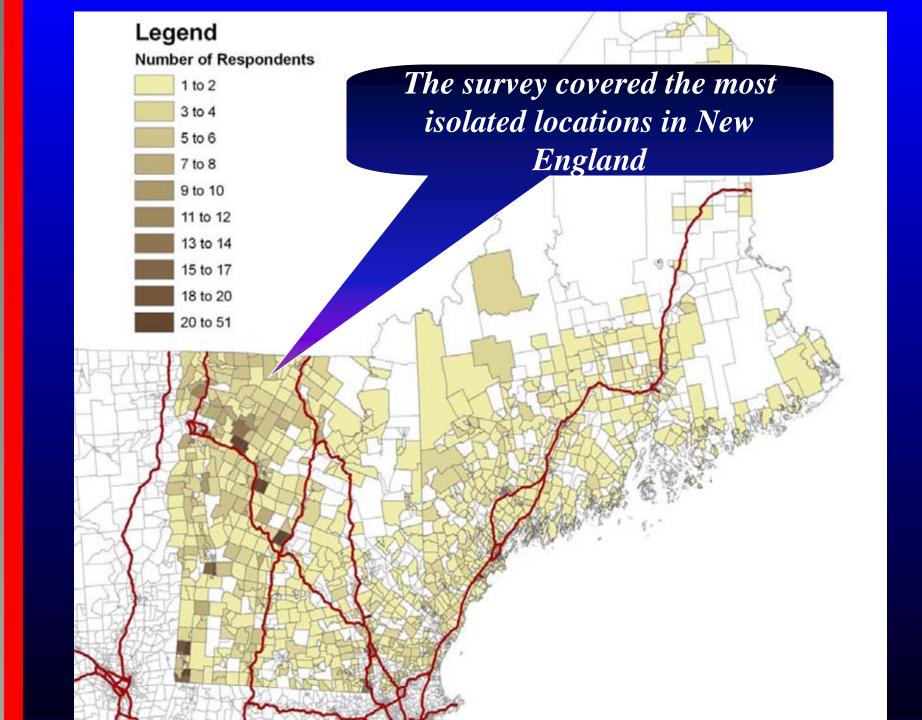
New England Transportation Survey



To take this survey online, go to: www.surveycafe.com/NETI

and enter your password:

R8583tt



NETI Project Support New Definition of Rural Livability

- As discussed in the next presentation the NETI program will help define the meaning of "rural livability"
- DENSITY: Household or population density in the neighborhood
- DIVERSITY: Jobs/Housing balance, i.e. is there a place to walk to? Can you get basic goods and services in your neighborhood?
- DESIGN: Is the street infrastructure walkable?

How strongly do you agree or disagree with the following statements describing your current home location?

	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree	Don't know or not applicable
It is easy to get to a town center or other place of activity.	0	0	0	0	0	0	0	0
I feel I know my neighbors extremely well.	0	0	0	0	0	0	0	0
I feel safe when outside in my neighborhood.	0	0	0	0	0	0	0	0
My home is conveniently located near to where I work or go to school.	0	0	0	0	0	0	0	0
I can easily get to places where people gather, like community centers, libraries, or social clubs.	0	0	0	0	0	0	0	0
I worry that it would be difficult to get help in case of an auto accident on my local roads.	0	0	0	0	0	0	0	0
It is easy to get to a place to buy groceries near my home.	0	0	0	0	0	0	0	0
I worry that, in the future, I will not be able to get to medical services from where I live now.	0	0	0	0	0	0	0	0

Next Question 📦

0%	100%

Which of these phrases best describes you?

- I moved to this state because I wanted to live in a rural setting.
- I moved to this state because I had to, not because I chose to.
- I was raised in a rural state, and I stay here because I like it.
- I was raised in a rural state, and I stay here because I have little choice.

Next Question 📦

0%

Questions or problems? Please call toll-free 1-888-774-5986 or email NETI@surveycafe.com

Which of these phrases best describes you?

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- I was raised in a rural state, and I stay here because I like it.
- I was raised in a rural state, and I stay here because I have little choice.

Next Question 📦

0%

Questions or problems? Please call toll-free 1-888-774-5986 or email NETI@surveycafe.com

91% are there because they want to be there

Why You Live in a Rural State	Percent
I was raised in a rural state, and I stay here because I like it	53%
I moved to this state because I wanted to live in a rural setting	35%
I moved to this state because I had to, not because I chose to	8%
I was raised in a rural state, and I stay here because I have little choice	4%

¬ If you feel t	hat your	r present	neighborhood	lalready	has all	these	characteristics,	then o	check	this I	box
and click "Ne	ext Ques	stion" — 🔻	you don't nee	d to ansv	wer the	quest	ions below.				

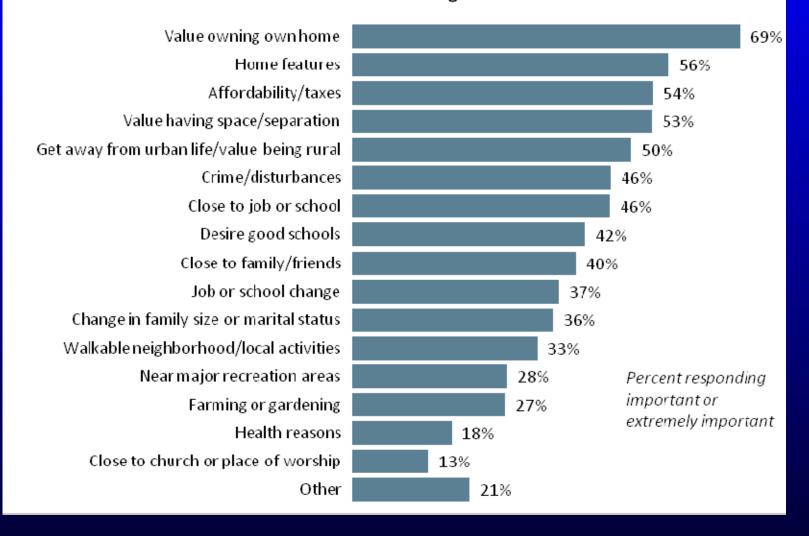
Select one answer for each row.

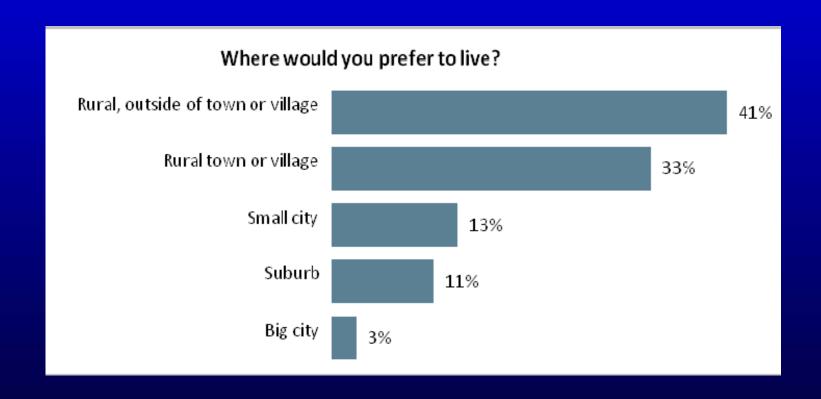
	Strongly agree	Agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree
If I moved to a Town Center, it would be easy for me to get myself to medical facilities, like a major hospital.	0	0	0	0	0	0	0
If I moved to a Town Center, it would be easy for me to get to stores, restaurants, and other activities.	0	0	0	0	0	0	0
If I moved to a Town Center, my household could own fewer cars.	0	0	0	0	0	0	0
If I moved to a Town Center, I would have less living space.	0	0	0	0	0	0	0
If I moved to a Town Center, I would get more exercise by walking or bicycling.	0	0	0	0	0	0	0
If I moved to a Town Center, I would make friends with more of my neighbors.	0	0	0	0	0	0	0
If I moved to a Town Center, there would be more noise and disturbance on the street.	0	0	0	0	0	0	0
If I moved to a Town Center, I would go to a place where people can gather and meet (like a club or community center).	0	0	0	0	0	0	0
If I moved to a Town Center, it would be easier for friends and relatives to take me places (like to medical services).	0	0	0	0	0	0	0
If I moved to a Town Center, I would have a lot less privacy.	0	0	0	0	0	0	0

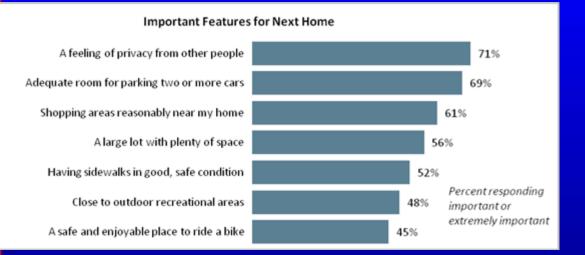
Next Question 📦

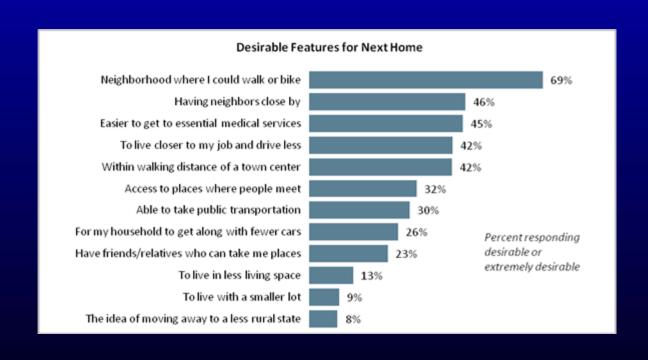
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Reasons for Moving

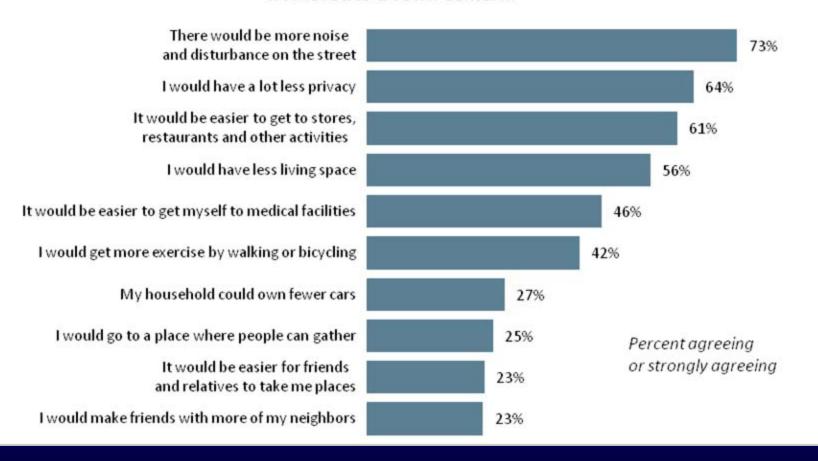


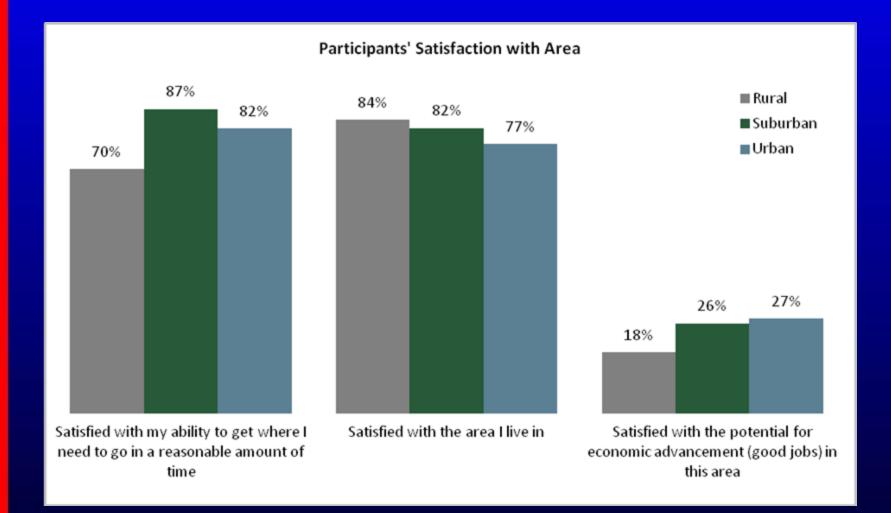






If I moved to a Town Center...

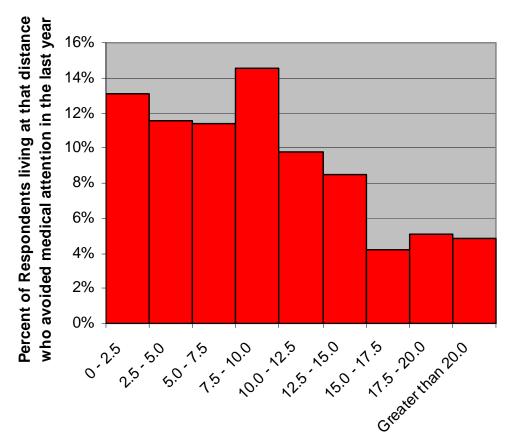




"....in the future, I will not be able to get to medical services from where I live now"

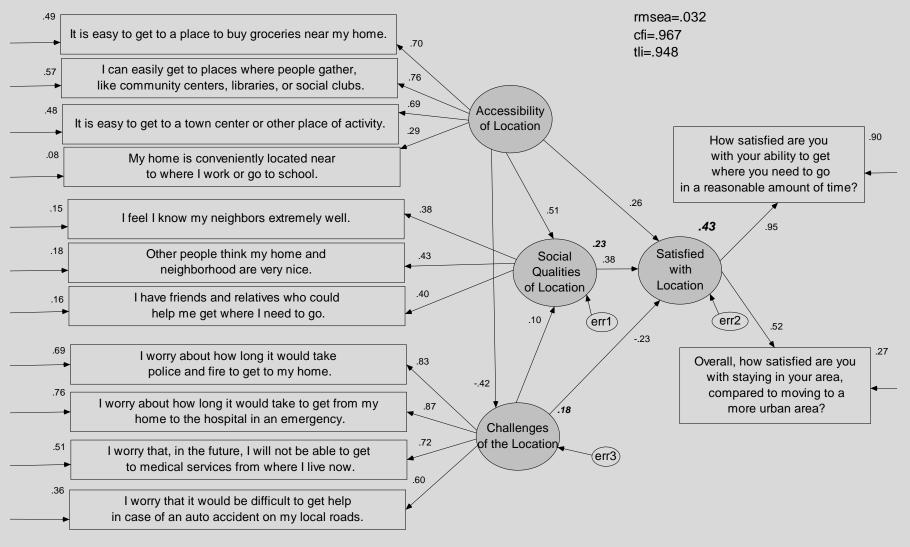
Level of Agreement	# of Respondents	Average Distance to Nearest hospital	Average Distance to nearest Health
		(in Miles)	Facility
			(in Miles)
Strongly disagree	811	6.57	5.34
Disagree	1322	2.22	6.28
Somewhat disagree	295	9.96	7.93
Neither agree nor disagree	454	11.50	8.39
Somewhat agree	243	11.43	8.62
Agree	166	11.98	9.19
Strongly agree	72	12.77	8.23

Percentage (by distance to the nearest Health Facility) of Respondents who avoided Medical Concerns or Appointments in the past year



Respondent Distance to nearest Health Facility in Miles

Satisfaction with Rural Mobility and Accessibility





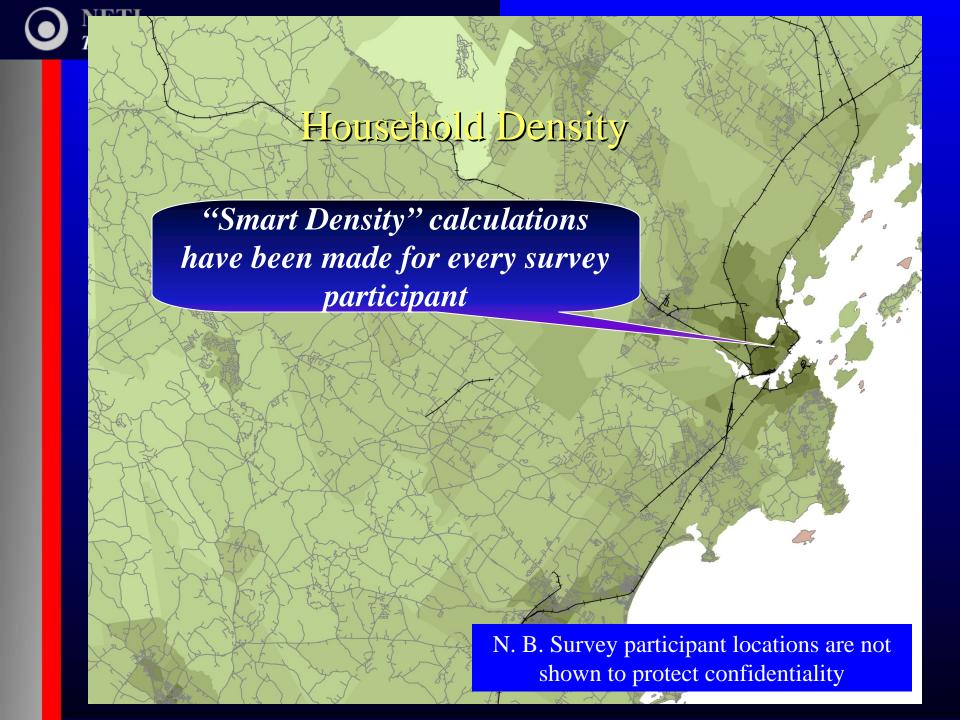
The New England Transportation Institute

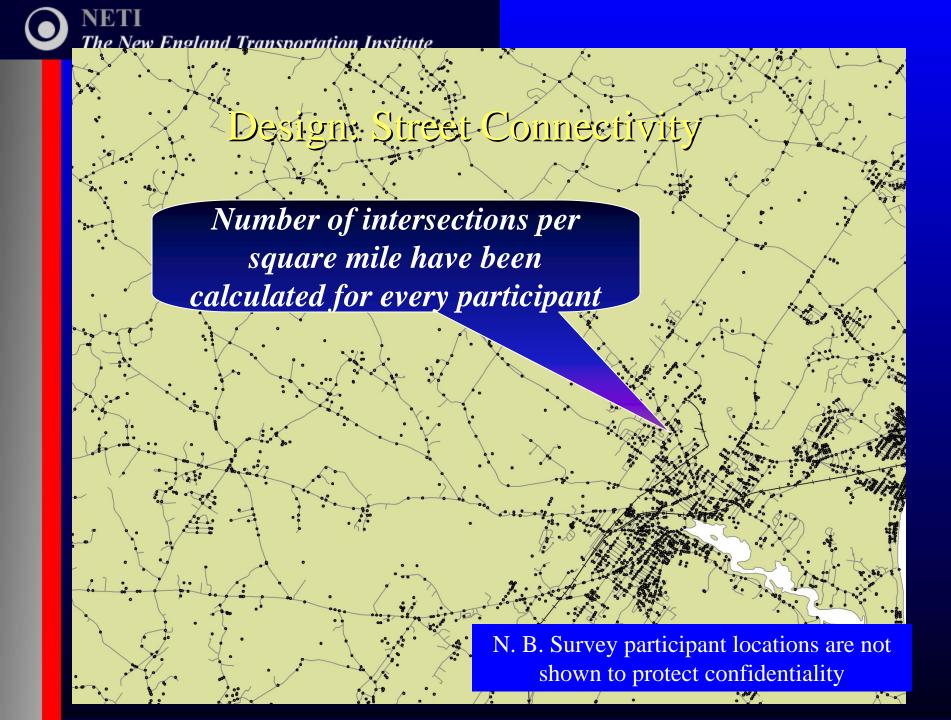
• "The cost of housing makes it difficult to move closer to my work or school."

Level of Agreement	# of Respondents	Average reported commute	Average distance to nearest Employment Center in miles	Average distance to the nearest Large Employment Center in miles
Definitely false	318	6.54	7.89	17.01
False	546	9.43	7.68	16.17
Somewhat false	199	10.51	6.76	14.19
Neither	972	8.09	7.60	16.58
Somewhat true	346	17.82	7.34	15.78
True	419	15.49	7.36	17.30
Definitely true	269	17.92	7.78	15.97

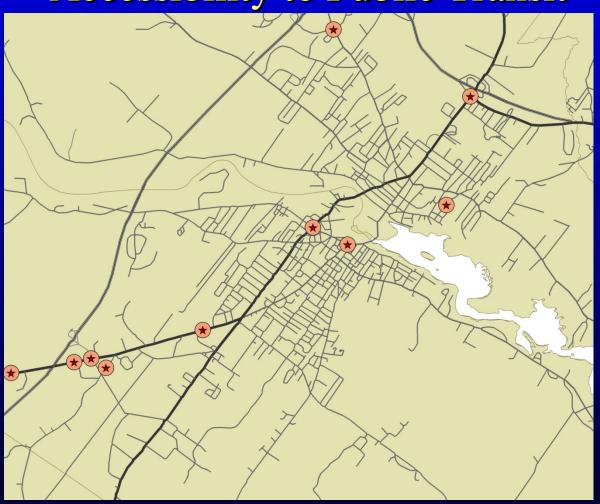
- The 'Smart Density' method examines density in terms of a "buffer" zone along rural roadways.
- The NETI study will be the largest application of this method to date.



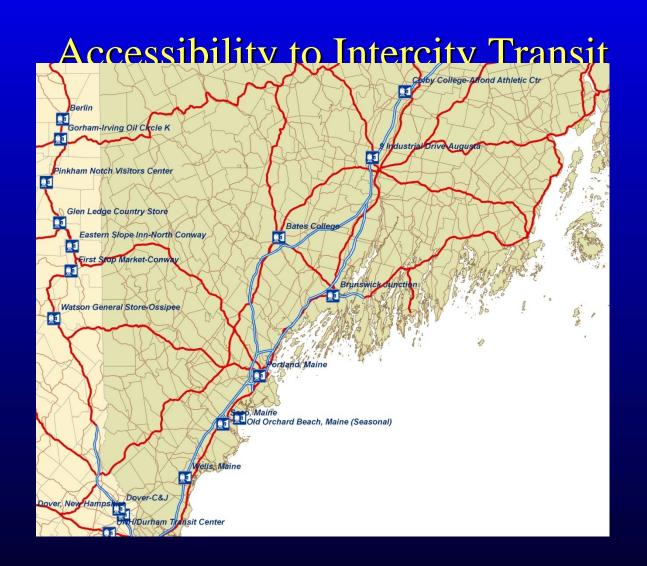




Accessibility to Public Transit



The survey database includes all local transit bus stops in Northern New England



The survey database includes all long distance bus and rail stops in Northern New England

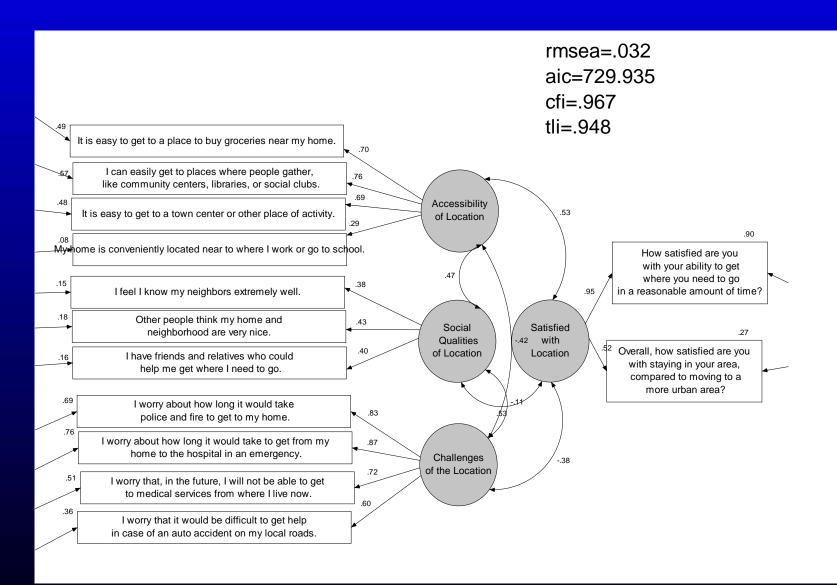


Out Subject Today: Satisfaction with the Livability of the Rural Community

Satisfaction with "isolation" will vary by age and position in the life-cycle

- For populations which are migrating into the area, long travel distances buy something that is *desired*
- For older populations, longer travel distances may pose a threat to mobility/accessibility
- Isolation *may or may not* be associated with outflow of younger workers from region

Rural Livability: how satisfied are rural residents with their level of mobility and accessibility?



- Rural Livability: satisfaction with accessibility
 - Level of satisfaction has been modeled for several sample groups (gender, length of residence, etc)

