

Regional Sustainability in a Mobile World: Reflections from Newfoundland and Labrador, Canada

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Outline

- Research Project
 - Research Questions
 - Case Study
 - Methodology
- Factors Influencing the Commute
 - Lack of Amenities and Services Nearby
 - External Factors
- Sustainability in Source Communities
 - Spending Time in Source Communities
 - Spending Money in Source Communities

On the Move Partnership



- Working in seven Canadian provinces and abroad
 - British Columbia
 - Alberta
 - Ontario
 - Quebec
 - Nova Scotia
 - Prince Edward Island
 - Newfoundland and Labrador
 - Norway, Iceland, the United Kingdom, the United States
- Multiple sectors
 - Oil and gas
 - Mining
 - Nickel processing
 - Retail service
 - Health
 - Construction
 - Trucking
 - Shipping
 - Tourism
 - Forestry
 - Fisheries

Research Questions

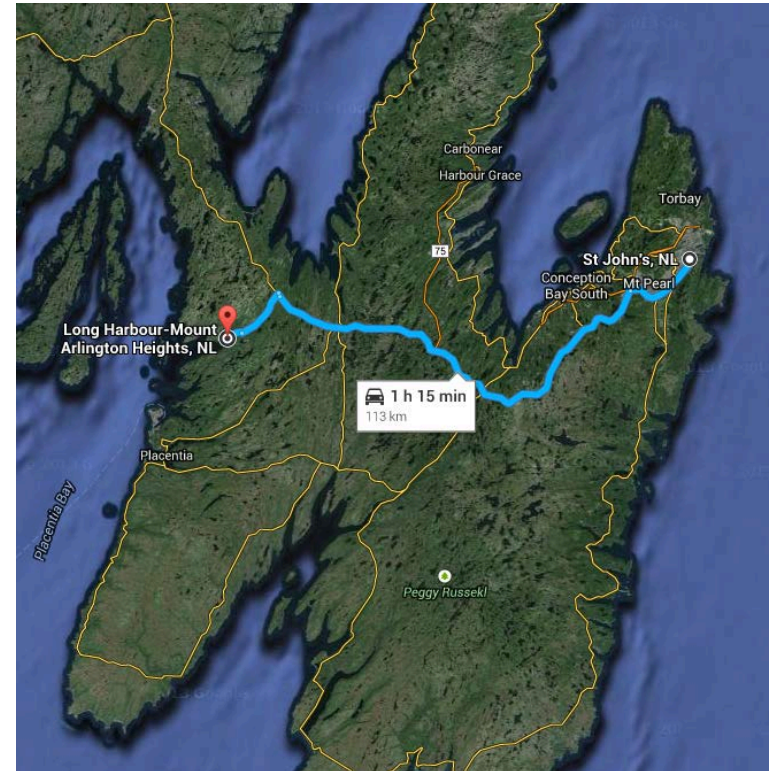
1. What factors influence a worker's decision to stay in their source communities and commute rather than relocate closer to their worksite?
2. How do mobile workers invest their time in their source communities?
3. How do mobile workers financially invest in their source communities?



Case Study Region



VALE



Methodology

- Distributed 400 questionnaires to nickel processing employees, 131 were completed
- 21 semi structured interviews conducted
- Participant observation



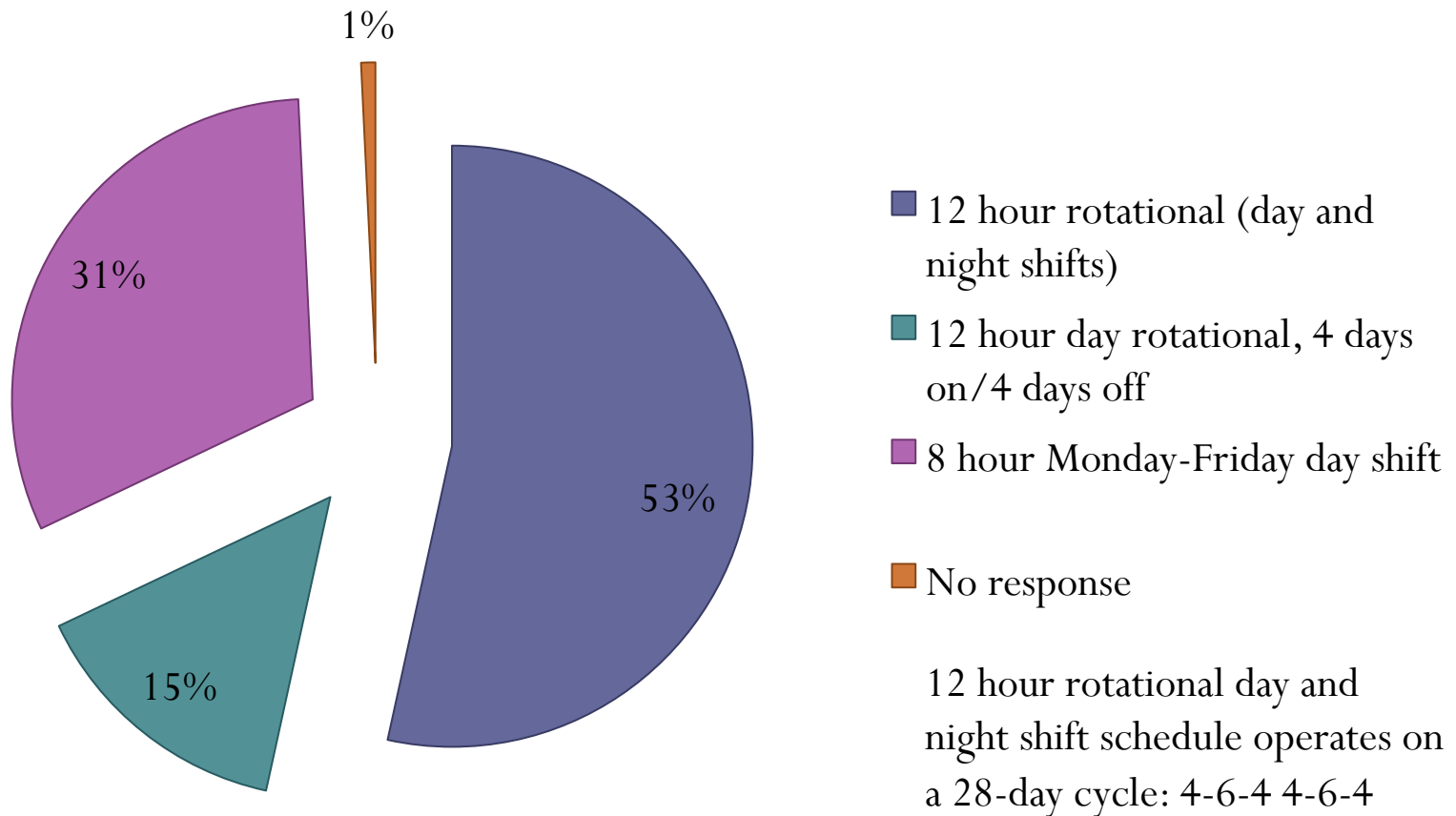
Long Harbour, NL (Hall, 2014)

Source Communities

<i>Community of Primary Residence</i>	<i>Percentage of Respondents</i>
St. John's	23%
Conception Bay South	11%
Paradise	9%
Mount Pearl	6%
Placentia	5%
Bay Roberts	5%
Long Harbour	3%
Torbay	2%

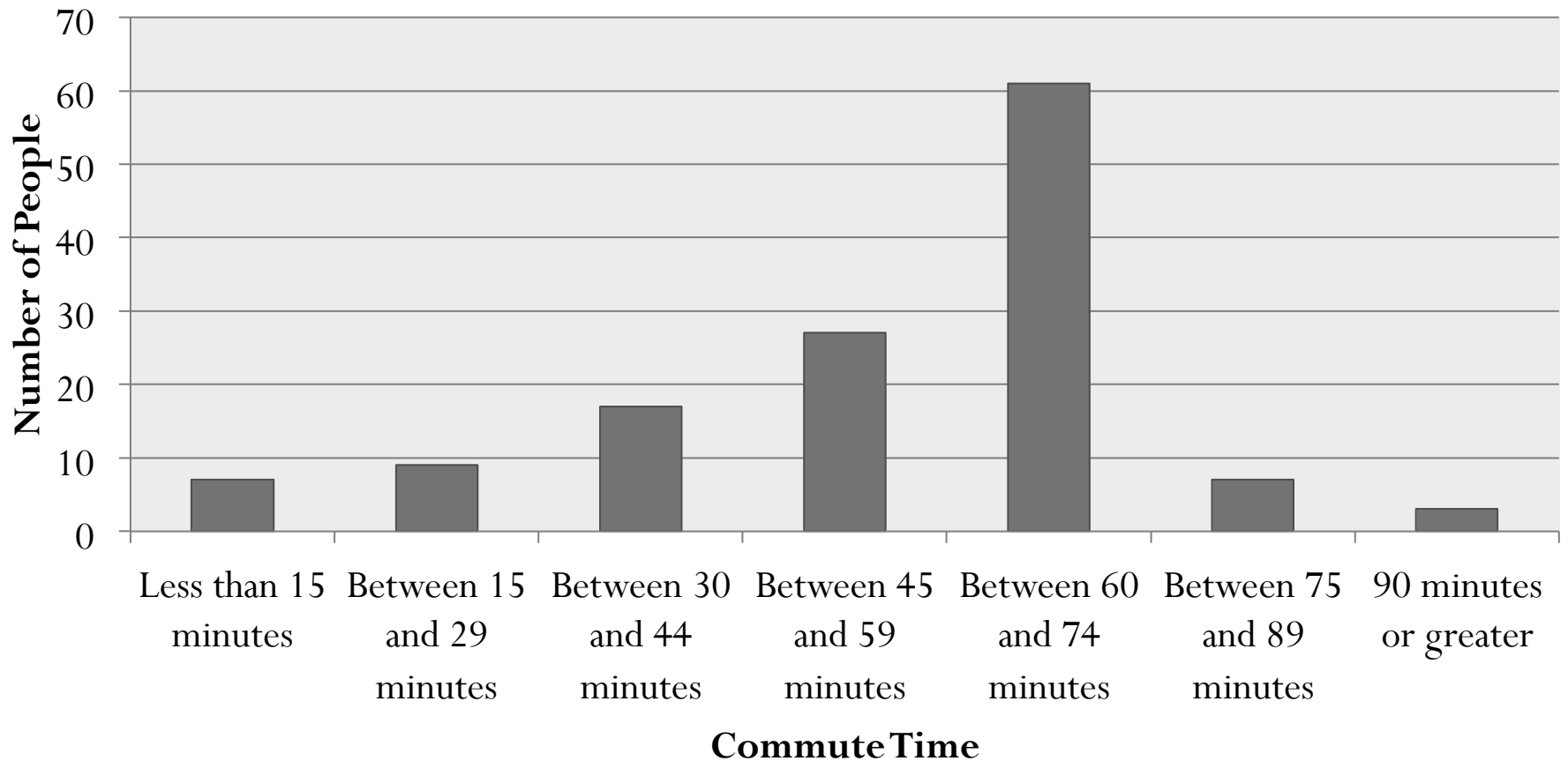
Work Schedule of Respondents

Work Schedule of Questionnaire Respondents



Length of Commute

Commute Time to Nickel Processing Facility - One Way



Factors Influencing The Commute on the move partnership



Amenities and services needed near the worksite to influence relocation

<i>Amenity</i>	<i>Number of Responses</i>
Entertainment	64
Grocery stores	60
Shopping malls/centres	51
Nothing	43
Job opportunities for partner	40
Housing	38
Education facilities	32

<i>Amenity</i>	<i>Number of Responses</i>
Competitive recreation programs	31
Gas prices	24
Daycare	21
Other	8
No response	4
Live in LH	3

Factors Influencing The Commute

on the move
partnership



What factors delay or prevent you from getting to the worksite?

<i>Factors</i>	<i>Percentage of Respondents</i>
Weather	84%
Road and traffic conditions	36%
Family issues	19%
Transportation issues	12%
Not applicable	11%

You have to deal with it. If that means getting up at 2am to shovel your driveway because you have to leave by 4 so you can get there for 7, I've done that. (BP20150831, August 2015).

Spending Time in Source Communities

Have you volunteered in your local area in the past six months?

<i>Response</i>	<i>Activity</i>	<i>Number of People</i>
Yes		37
	<i>Recreation</i>	23
	<i>Church</i>	9
	<i>Other</i>	9
	<i>School programs</i>	6
	<i>Fire department</i>	6
	<i>Lions / Service Club</i>	2
	<i>Municipal Politics</i>	2
No		94

That limits it. We're trying to get involved with some things [...] you don't have much time besides the weekends and that's usually running errands (LES20151109, November 2015).

Financially Investing in Source Communities



Communities questionnaire respondents purchase gas.

<i>Community</i>	<i>Number of People</i>	<i>Community</i>	<i>Number of People</i>
St. John's	46	Carbonear	2
CBS	18	Blaketown	2
Whitbourne	17	Clarke's Beach	2
Placentia	11	Goulds	2
Paradise	8	Green's Harbour	1
Bay Roberts	8	Harbour Grace	1
Mount Pearl	7	South River	1
Holyrood	5	Summerford	1
Clarenville	4	Eastport	1
Chapel Arm	3	Stephenville	1
New Harbour	3	Salmonier Line	1
Norman's Cove	2		

...purchase automobiles.

<i>Community</i>	<i>Number of People</i>
St. John's	46
Gander	3
Mount Pearl	2
Carbonear	2
Bay Roberts	1
Clarenville	1
Portugal Cove	1
Halifax	1
Montreal	1
Toronto	1

Implications for Source Communities



How employment mobility ***enhances*** sustainability:

- Allows residents to remain in permanent place of residence
- Stimulate local economic development opportunities in local communities

How employment mobility ***deters*** sustainability:

- Losing human resources for local opportunities
- Negatively affecting social development, camaraderie, and sense of belonging

Questions?
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