

Public perspective on health care service in rural areas

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Overview

- Introduction
- Aim and research questions
- Method
- Results
- Discussion

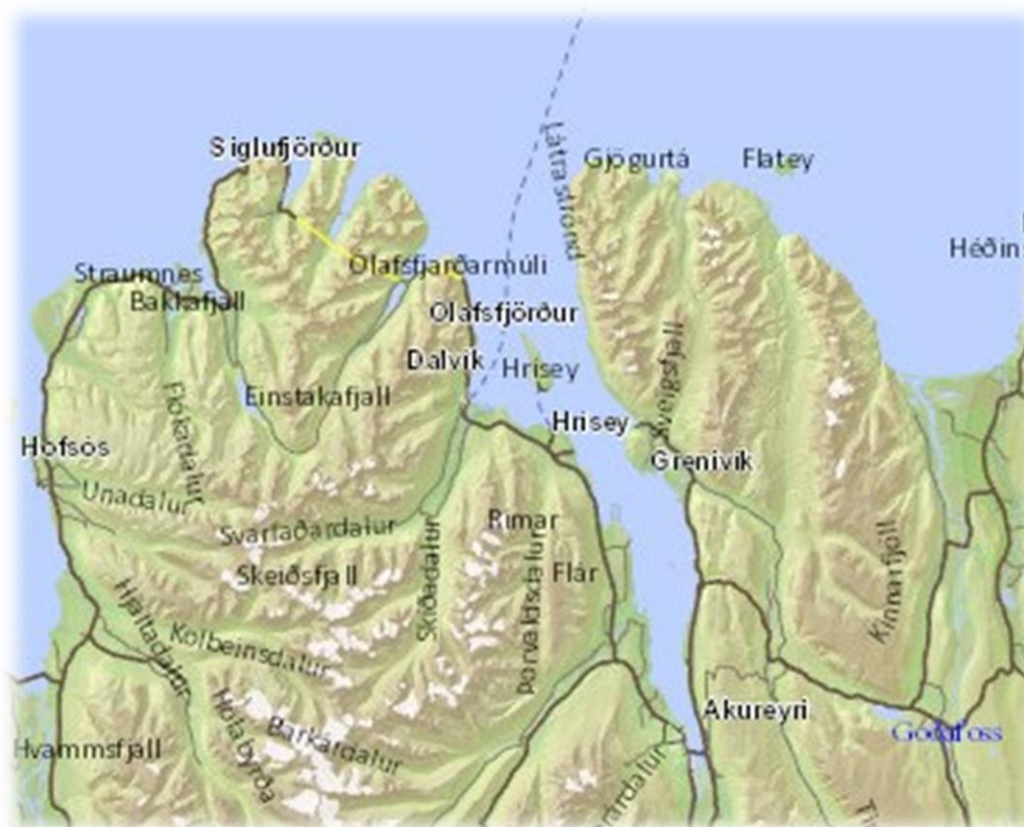


INTRODUCTION

- Icelandic law on health care service ([Lög um heilbrigðisþjónstu nr. 40/2007](#))
- Is there a geographical difference in the health of the public?
- The importance of investigating public's perception
- Ongoing research started in 2008
 - Effects of major road changes on two small rural towns in northern Iceland
 - Several research aspects e.g. employment, real estate market, social life and health



WHERE ON EARTH IS.....?



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HEALTH CARE SERVICE IN PLACE- 2009

Ólafsfjörður: (850 inhabitants)

- Primary health care
- Nursing care home

Siglufjörður: (1277 inhabitants)

- Primary health care
- Nursing care home
- Hospital with emergency unit



AIM AND RESEARCH QUESTIONS

- How satisfied are the inhabitants of Siglufjörður and Ólafsfjörður with the health care service in place, the access to it, and the variety and quality of it, before major road changes?



METHOD

- Household survey conducted in November and December 2009
- Questionnaire
- 732 completed the survey
 - 53% of all inhabitants of the two towns, aged 18 and older
- Two questions about health care service
- Descriptive statistics
 - Statistical tests, chi-square, used to compare variables



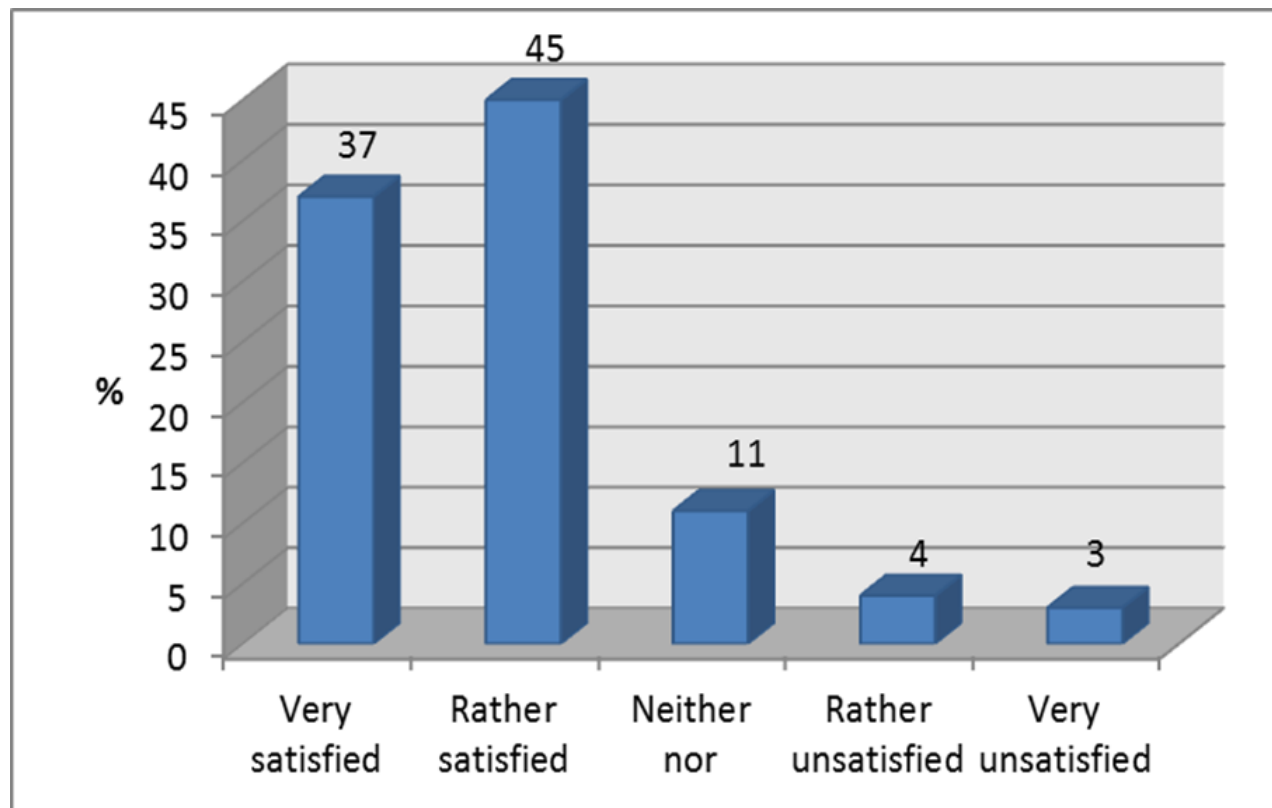
RESULTS: PARTICIPANTS BACKGROUND INFORMATION

Place:	Siglufjörður	Ólafsfjörður
	439 (60%)	293 (40%)
Gender:		
• Male	217 (49%)	135 (47%)
• Female	219 (50%)	156 (52%)
• Missing answer	3 (1%)	2 (1%)
Age:		
• 18-25	43 (10%)	23 (8%)
• 26-40	61 (14%)	60 (20%)
• 41-66	244 (56%)	148 (51%)
• 67 +	85 (19%)	60 (20%)
• Missing answer	6 (1%)	2 (1%)



RESULT: SATISFACTION WITH HEALTH CARE SERVICE

N=708

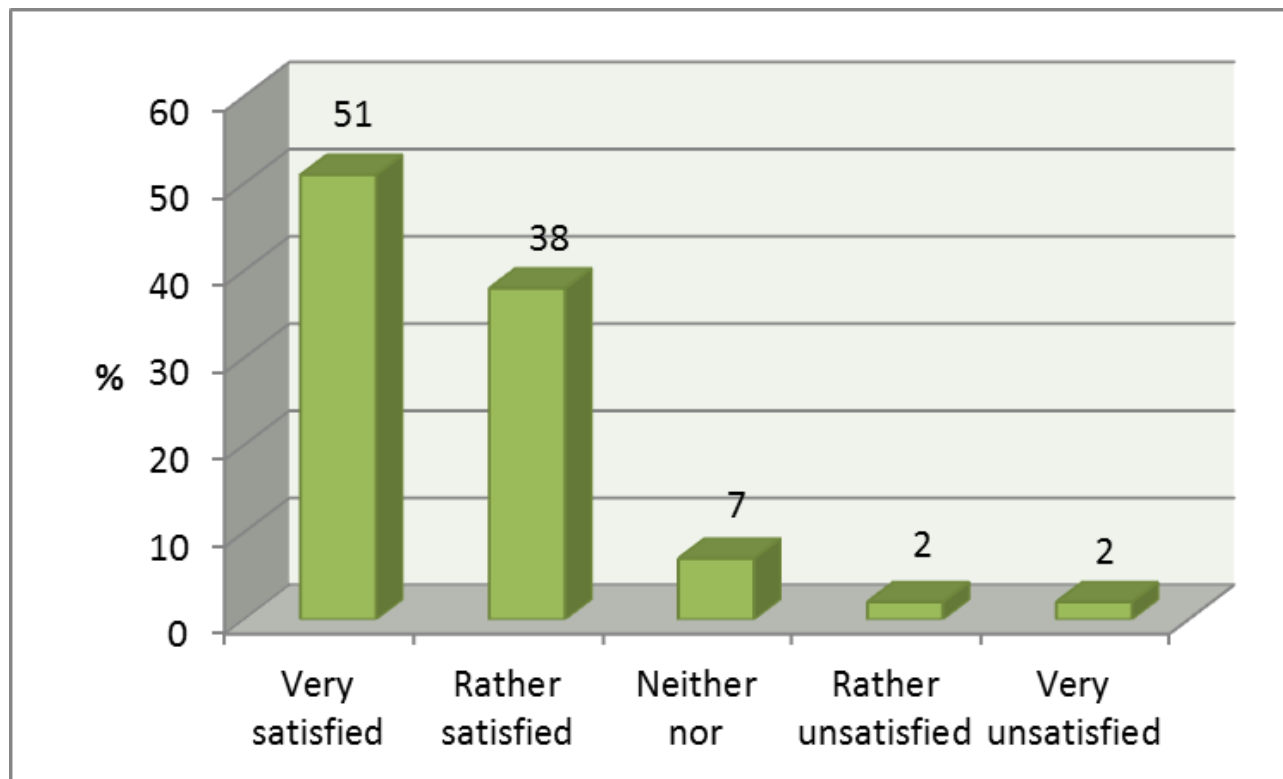


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RESULT: SATISFACTION WITH ACCESS TO HEALTH CARE SERVICE

N=706



RESULT: SATISFACTION WITH ACCESS CONTINUED

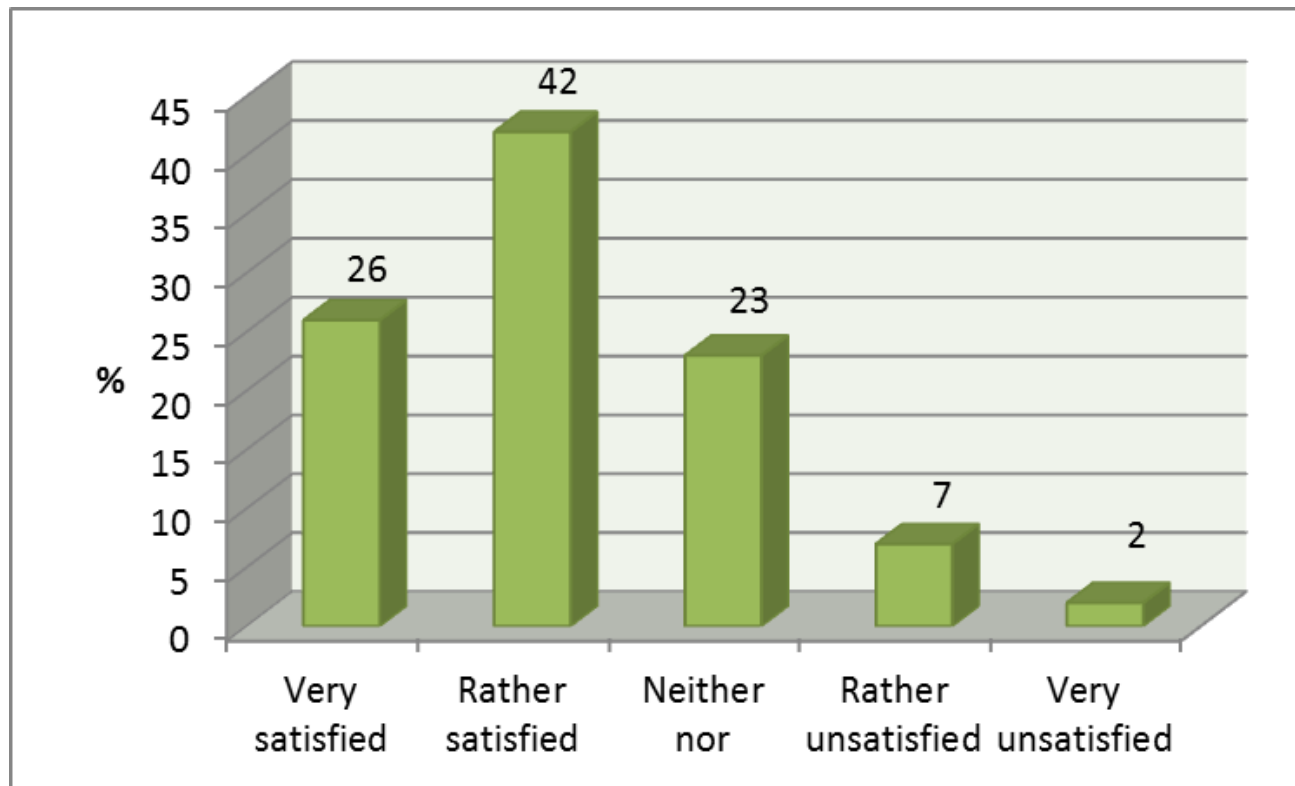
	Very satisfied	Rather satisfied	Neither nor	Rather unsatisfied	Very unsatisfied
Place:*					
• Ólafsfjörður	30%	51%	13%	5%	1%
• Siglufjörður	66%	29%	2%	0%	3%
Gender:*					
• Male	51%	36%	10%	1%	2%
• Female	51%	40%	4%	3%	2%
Age:					
• 18-25	36%	44%	17%	3%	0%
• 26-40	37%	43%	15%	2%	3%
• 41-66	53%	38%	5%	2%	2%
• 67+	62%	32%	1%	3%	2%

*Significant difference
p<0,01



RESULT: SATISFACTION WITH VARIETY OF HEALTH CARE SERVICE

N=687



RESULT: SATISFACTION WITH VARIETY CONTINUED

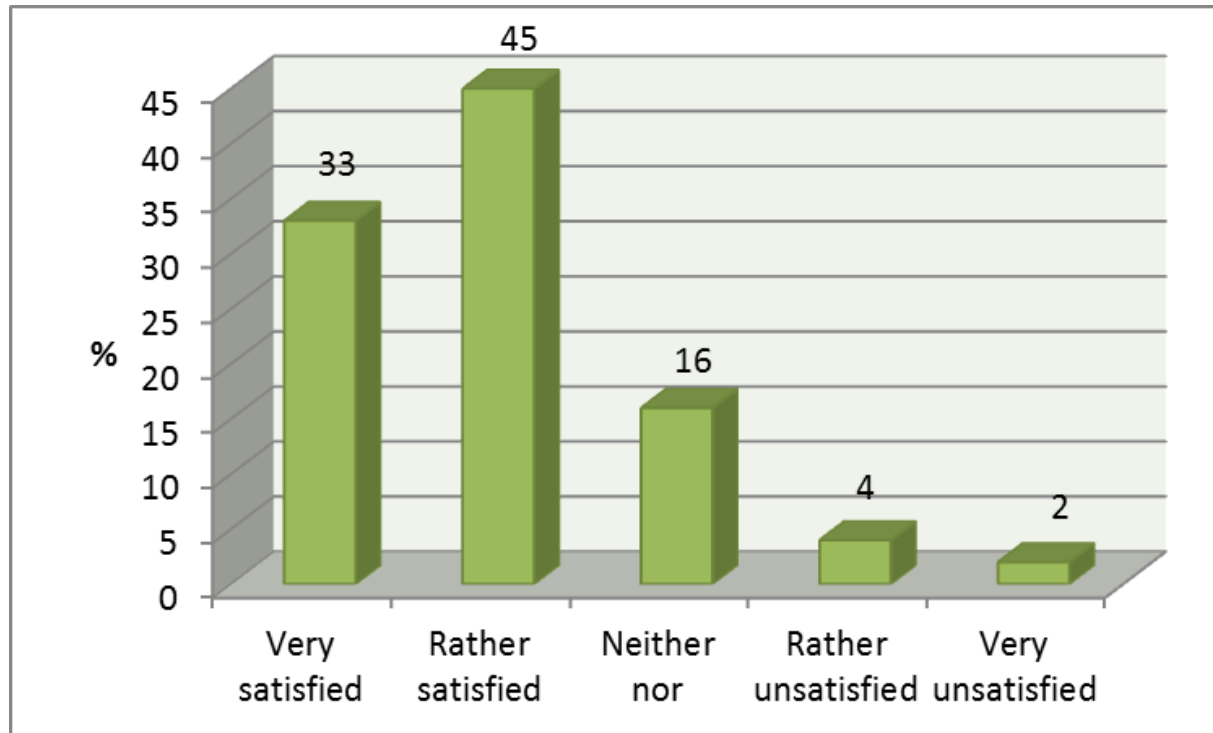
	Very satisfied	Rather satisfied	Neither nor	Rather unsatisfied	Very unsatisfied
Place:*					
• Ólafsfjörður	11%	45%	34%	8%	2%
• Siglufjörður	36%	41%	16%	5%	2%
Gender:					
• Male	27%	39%	25%	7%	2%
• Female	25%	46%	21%	6%	2%
Age:					
• 18-25	16%	38%	31%	13%	2%
• 26-40	20%	42%	30%	6%	2%
• 41-66	26%	43%	22%	7%	2%
• 67 +	38%	44%	14%	2%	2%

*Significant difference
p<0,01



RESULT: SATISFACTION WITH QUALITY OF HEALTH CARE SERVICE

N=694



RESULT: SATISFACTION WITH QUALITY CONTINUED

	Very satisfied	Rather satisfied	Neither nor	Rather unsatisfied	Very unsatisfied
Place:*					
• Ólafsfjörður	14%	50%	26%	8%	2%
• Siglufjörður	45%	42%	9%	2%	2%
Gender:					
• Male	34%	44%	16%	4%	2%
• Female	33%	46%	15%	5%	1%
Age:					
• 18-25	23%	42%	28%	7%	0%
• 26-40	22%	44%	27%	6%	1%
• 41-66	33%	47%	14%	4%	2%
• 67 +	46%	43%	7%	2%	2%

*Significant difference
p<0,01



DISCUSSION

- The public was overall satisfied with the health care service
 - Less satisfied with variety and quality of it
- Differences in age, gender and place of living
 - Inhabitants of Siglufjörður are more satisfied
 - Women slightly more satisfied
 - Older people are more satisfied
- Satisfaction linked to local health care service
- Needs to be investigated further using other research methods



Takk fyrir/Thank you!



REFERENCE

- Fjallabyggð fyrir Héðinsfjarðargöng: Samgöngur, samfélag og byggðapróun (2010). Þóroddur Bjarnason og Kolbeinn Stefánsson (ritstjórar). Háskólinn á Akureyri.

