

# **THE COMPARISON OF DATA BETWEEN THE LABOUR FORCE SURVEY AND ADMINISTRATIVE SOURCES IN SLOVENIA**

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# LABOUR MARKET DATA

- Household statistics:

- LFS

- Registers:

- Statistical Register of Employment (SRE)
  - Register of Unemployed Persons
  - Tax register
  - Central Population Register
  - Register Based Census

# LINKING LFS TO OTHER DATA SOURCES

- How reliable are LFS data compared to data we get from registered sources?
- Which data would be reasonable to acquire from other sources?
- What are the pros and cons from switching to partial acquiring of data from other sources?

# METHODOLOGICAL DIFFERENCES BETWEEN REGISTER DATA AND LFS

- Source
- Reporting period
- Observation period
- Categories included in persons in employment
- Definition of unemployed persons

# THE PROCESS OF LINKING DATA

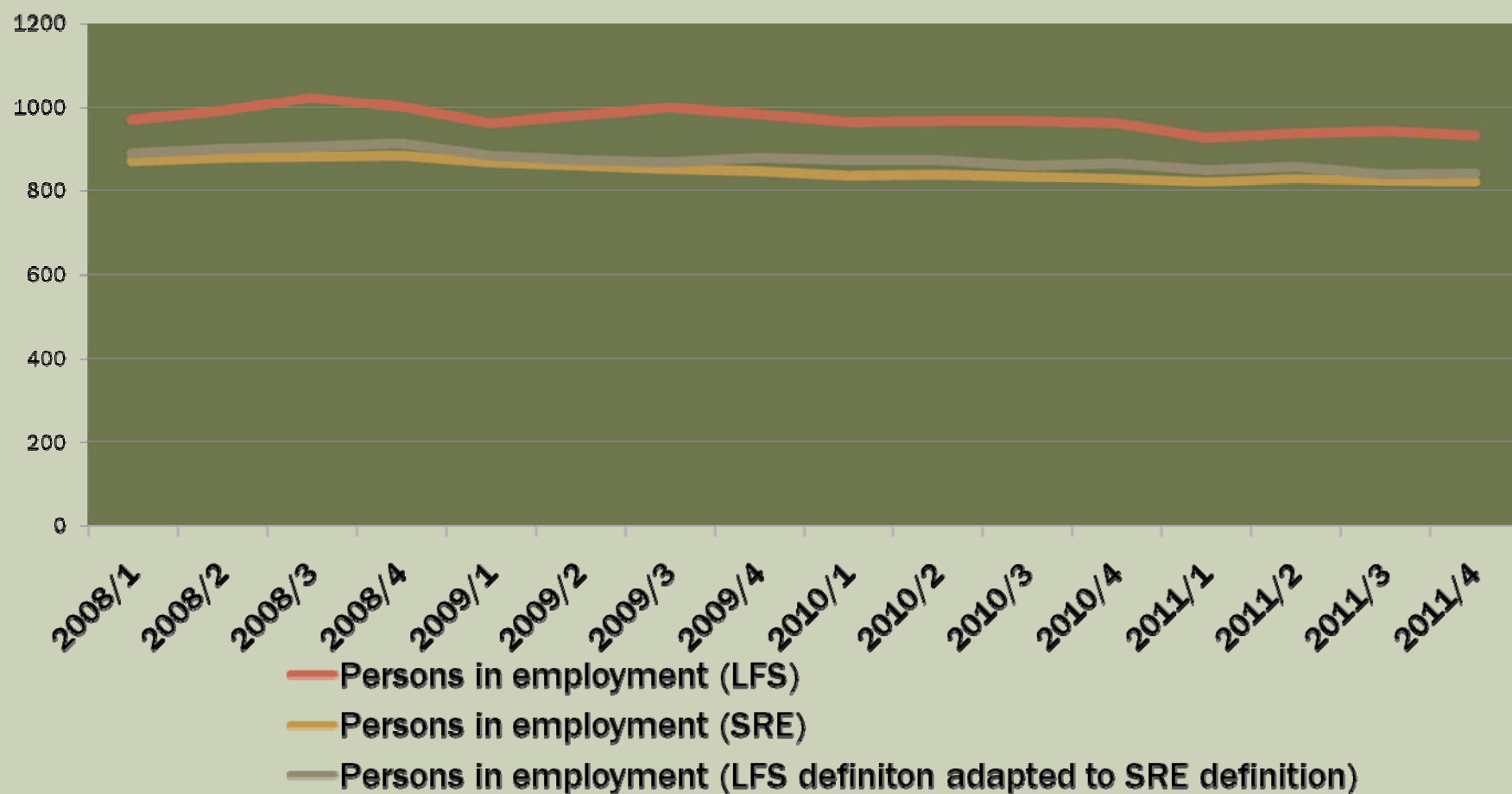
- Comparing the same data
- PIN – Personal Identification Number
- Linking LFS data and data from SRE and the Register of Unemployed Persons

# DATA COMPARISON

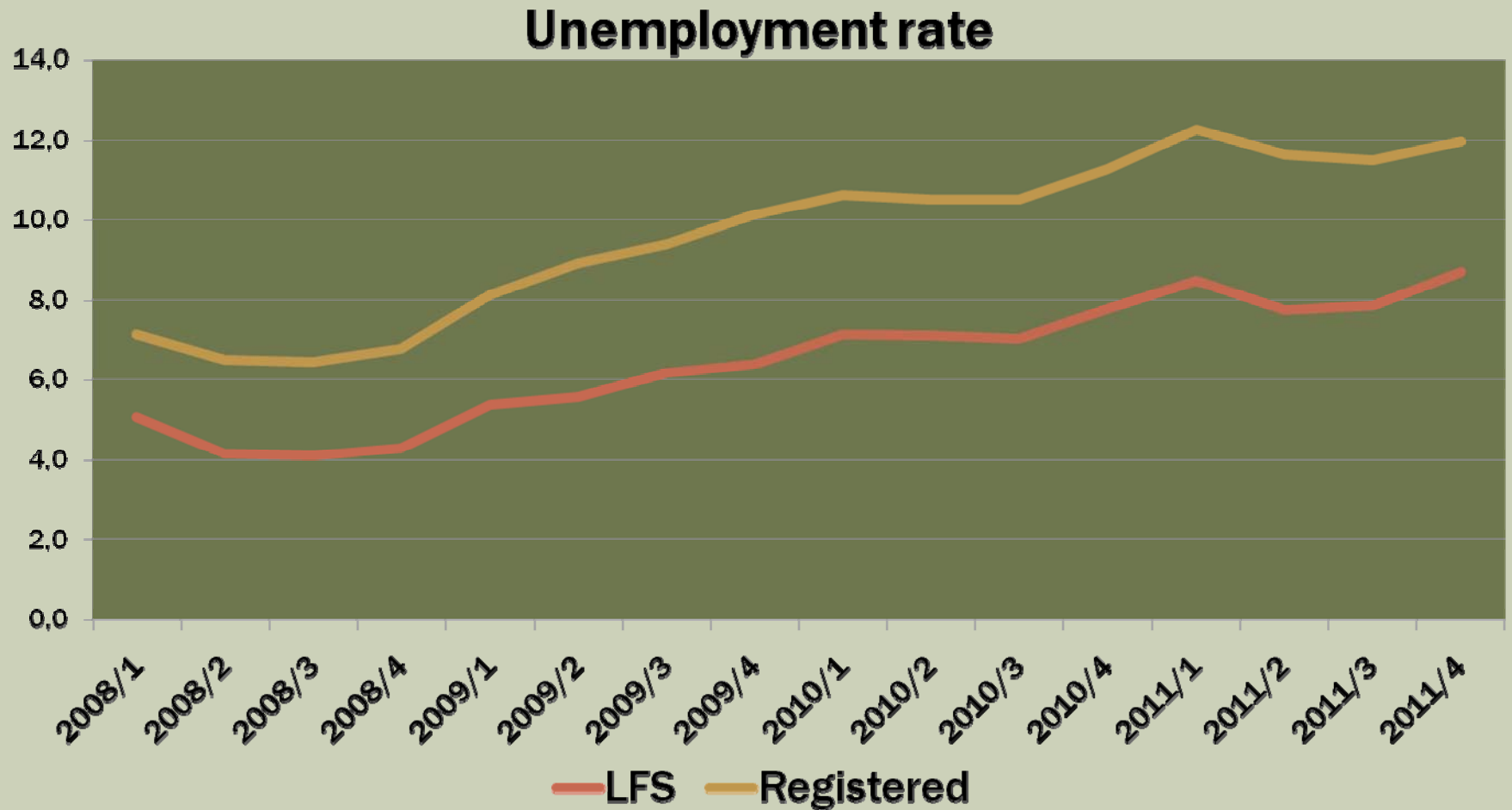
- We compared:
  - LFS with Statistical Register of Employment by:
    - Working status of persons in employment
    - Educational attainment level
    - Full time/part time
    - Profession
    - Activity of work
  - LFS with Register of Unemployed Persons by:
    - Status of unemployed
    - Unemployment spell
    - Educational attainment level
    - Receiving unemployment benefit

# NUMBER OF PERSONS IN EMPLOYMENT LFS AND SRE, SLOVENIA, 2008-2011

**Number of persons in employment (in 1000)**



# REGISTERED UNEMPLOYMENT RATE AND ILO UNEMPLOYMENT RATE, SLOVENIA, 2008- 2011





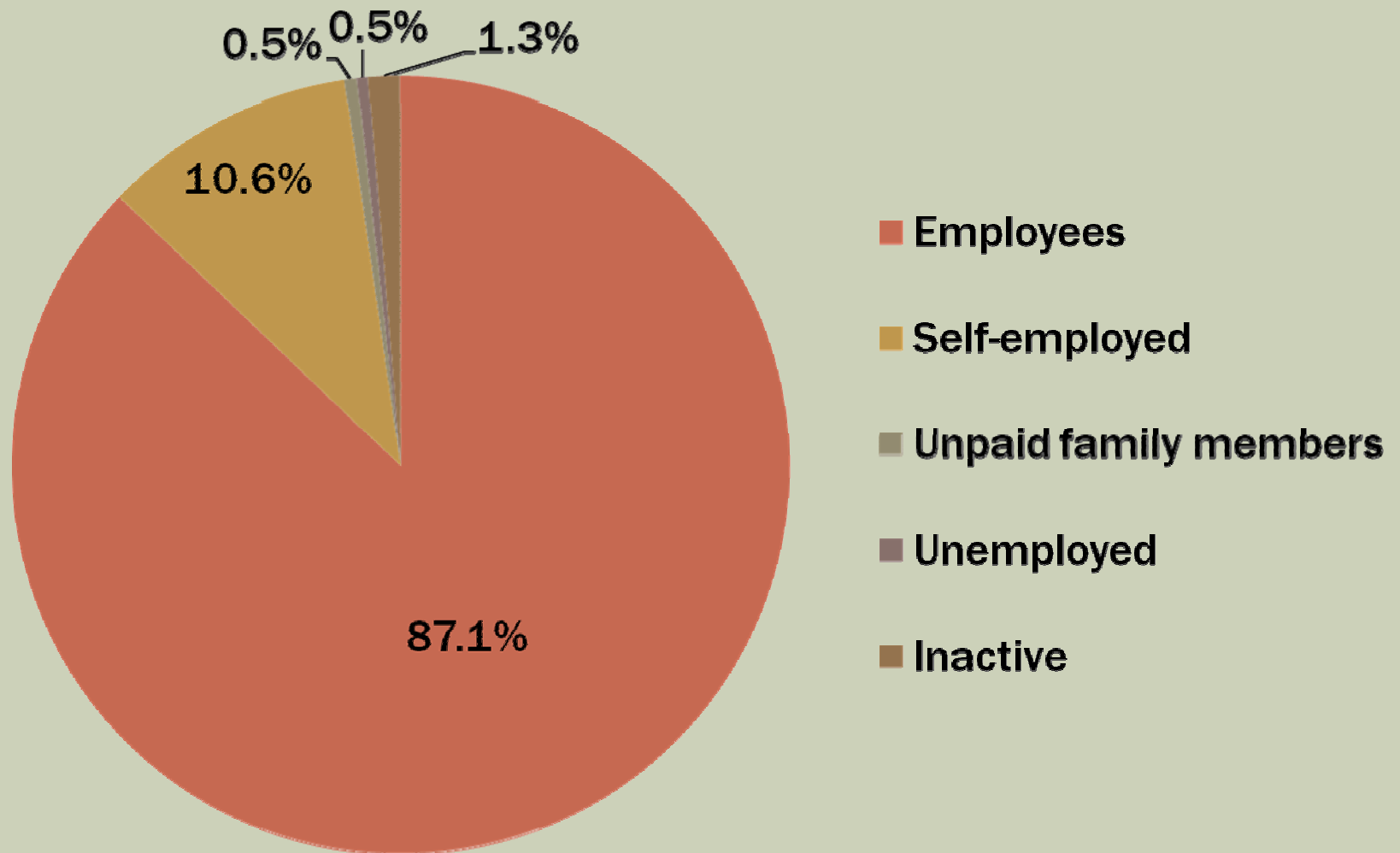
**Persons in  
employment by  
Statistical  
Register of  
Employment and  
by LFS**

The diagram consists of two overlapping circles. The left circle is brown and the right circle is green. The intersection of the two circles is a darker red color. The text 'Persons in employment by Statistical Register of Employment and by LFS' is centered in the intersection. Two red arrows point from the non-overlapping parts of the circles to two boxes below. The left arrow points from the brown circle to a brown box containing the text 'Persons in employment by SRE, not in LFS'. The right arrow points from the green circle to a green box containing the text 'Persons in employment by LFS, not in SRE'.

**Persons in  
employment by  
SRE, not in LFS**

**Persons in  
employment by  
LFS, not in SRE**

# SRE PERSONS IN EMPLOYMENT BY LFS STATUSES:



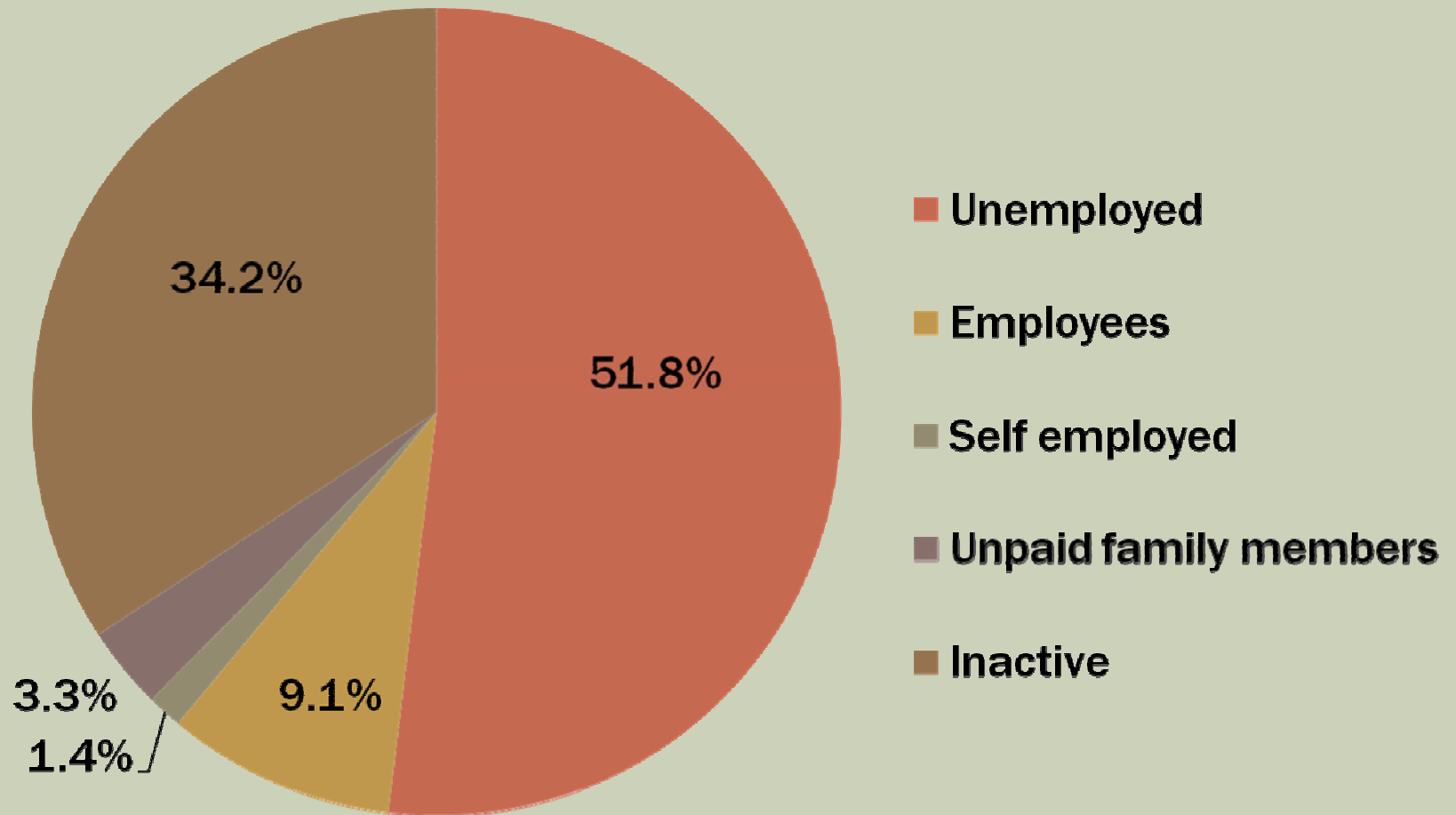
A Venn diagram with two overlapping circles. The left circle is yellow and the right circle is olive green. The intersection of the two circles is shaded in a reddish-pink color. Two red arrows point from the non-overlapping parts of the circles to two separate boxes below. The left arrow points from the yellow circle to a yellow box, and the right arrow points from the olive green circle to an olive green box.

**Unemployed  
by Register of  
Unemployed  
and by LFS**

**Unemployed by  
Register of  
Unemployed, not  
in LFS**

**Unemployed by  
LFS, not in  
Register of  
Unemployed**

# REGISTERED UNEMPLOYED IN LFS:



# OVERLAPPING

	Employees	Self-employed	Unemployed
	in 1000		
LFS	729	115	89
REGISTER	721	74	114
REGISTER $\cap$ LFS	684	63	61
	in %		
REGISTER $\cap$ LFS as % of LFS	93.8	54.9	68.7
REGISTER $\cap$ LFS as % of REGISTER	94.8	84.6	53.5

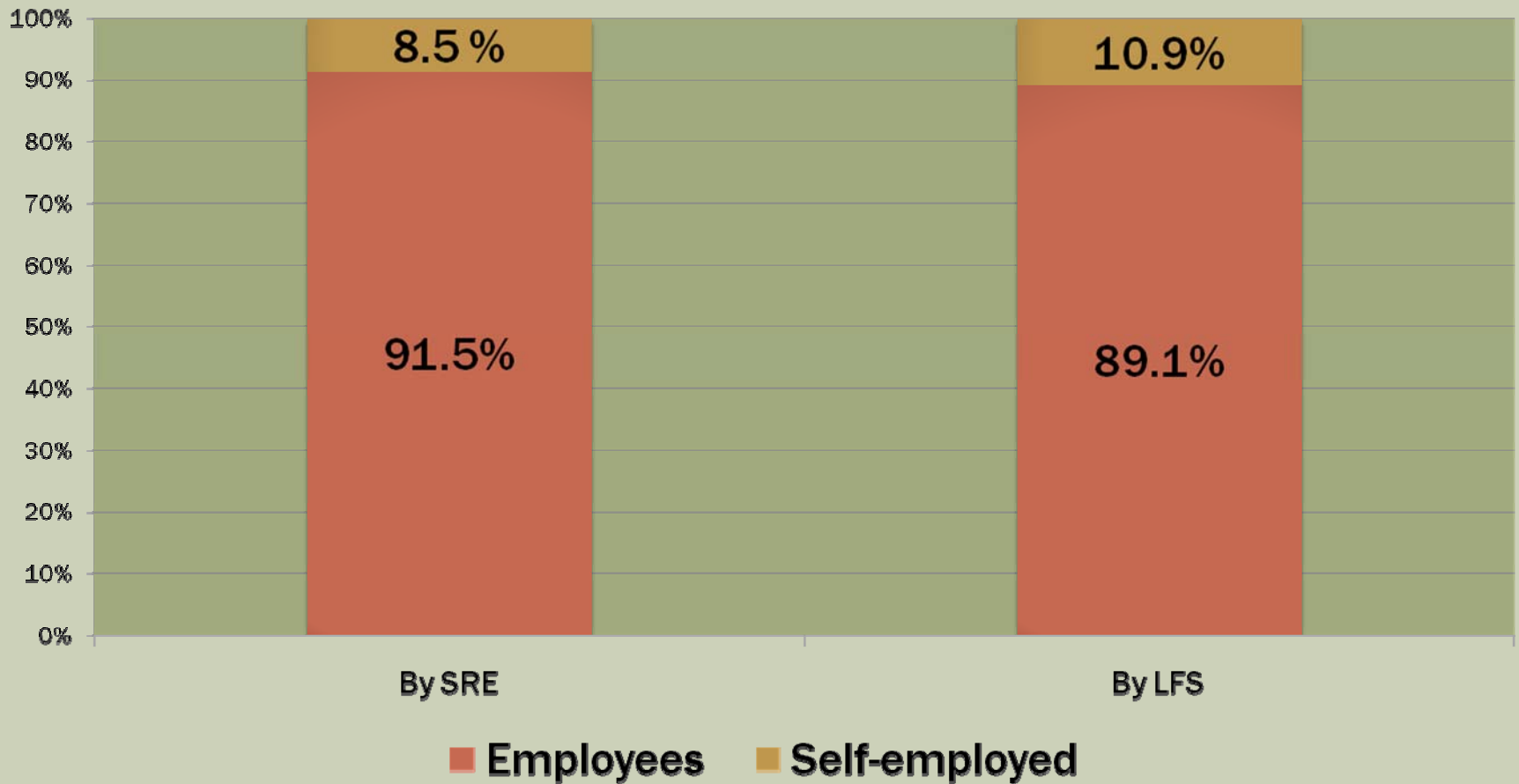
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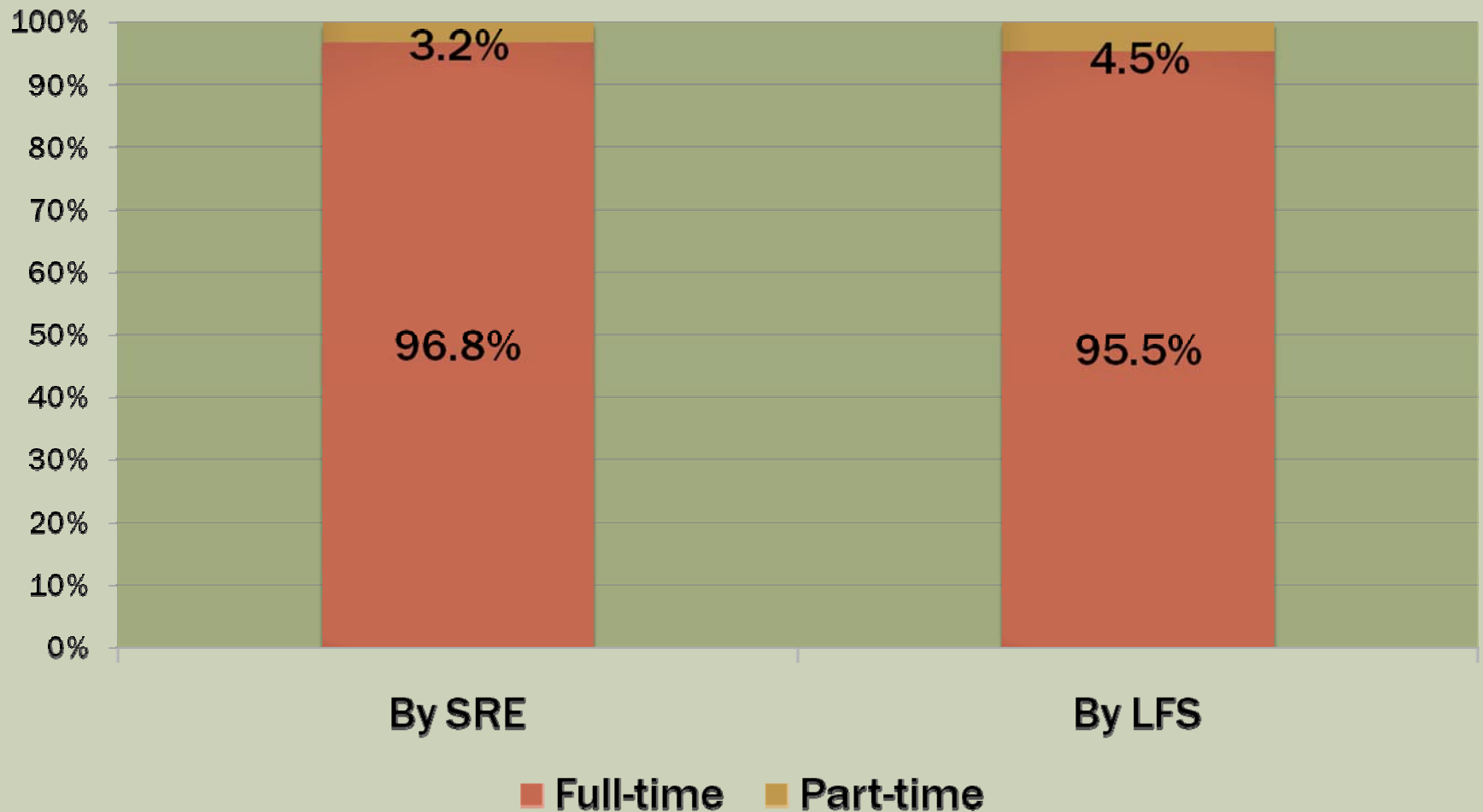
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# SRE AND LFS: DATA ON EMPLOYEES AND SELF EMPLOYED



# SRE AND LFS: FULL-TIME AND PART TIME DATA

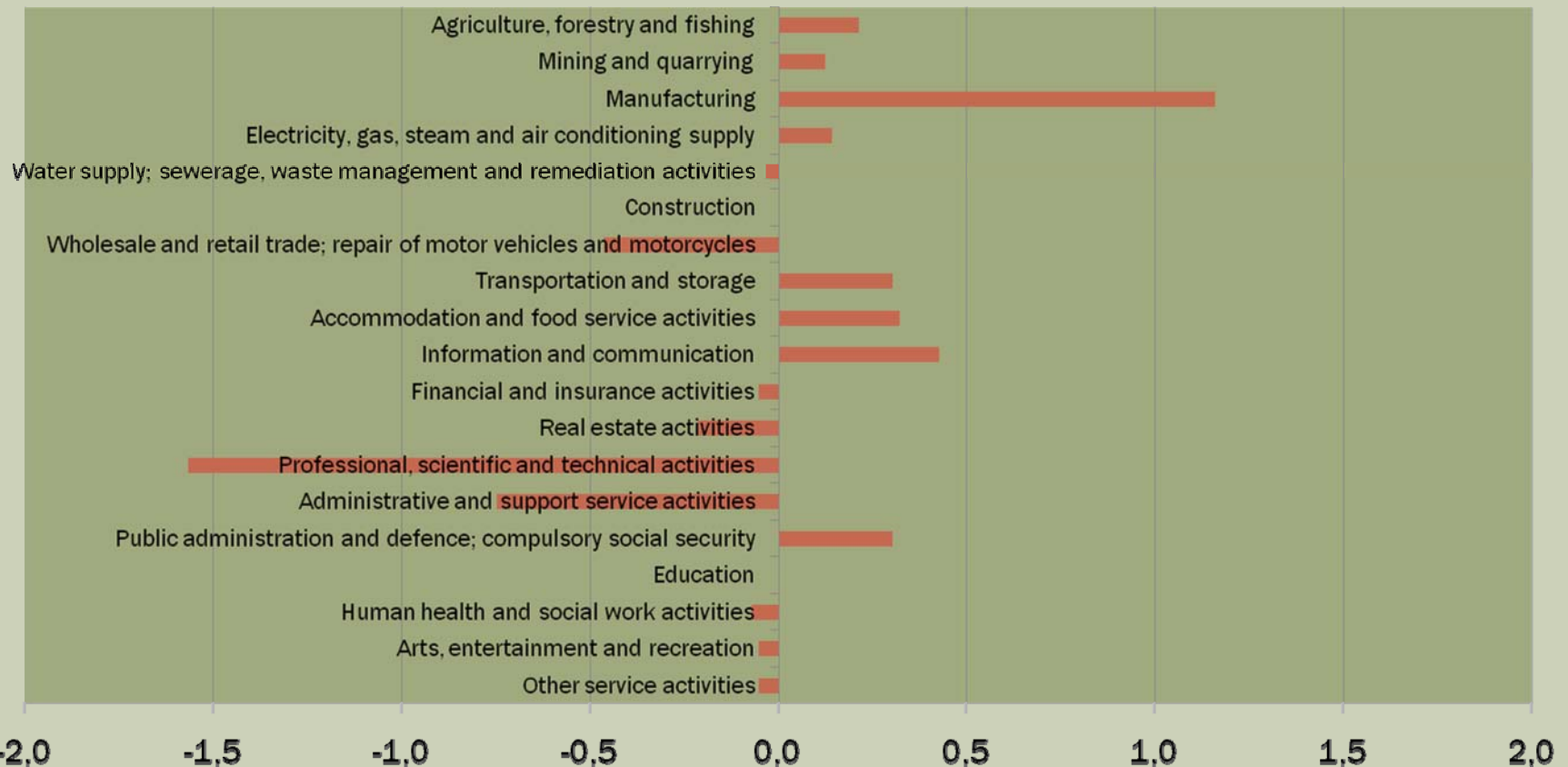




# SRE AND LFS: PERSONS IN EMPLOYMENT BY ACTIVITY

SRE > LFS

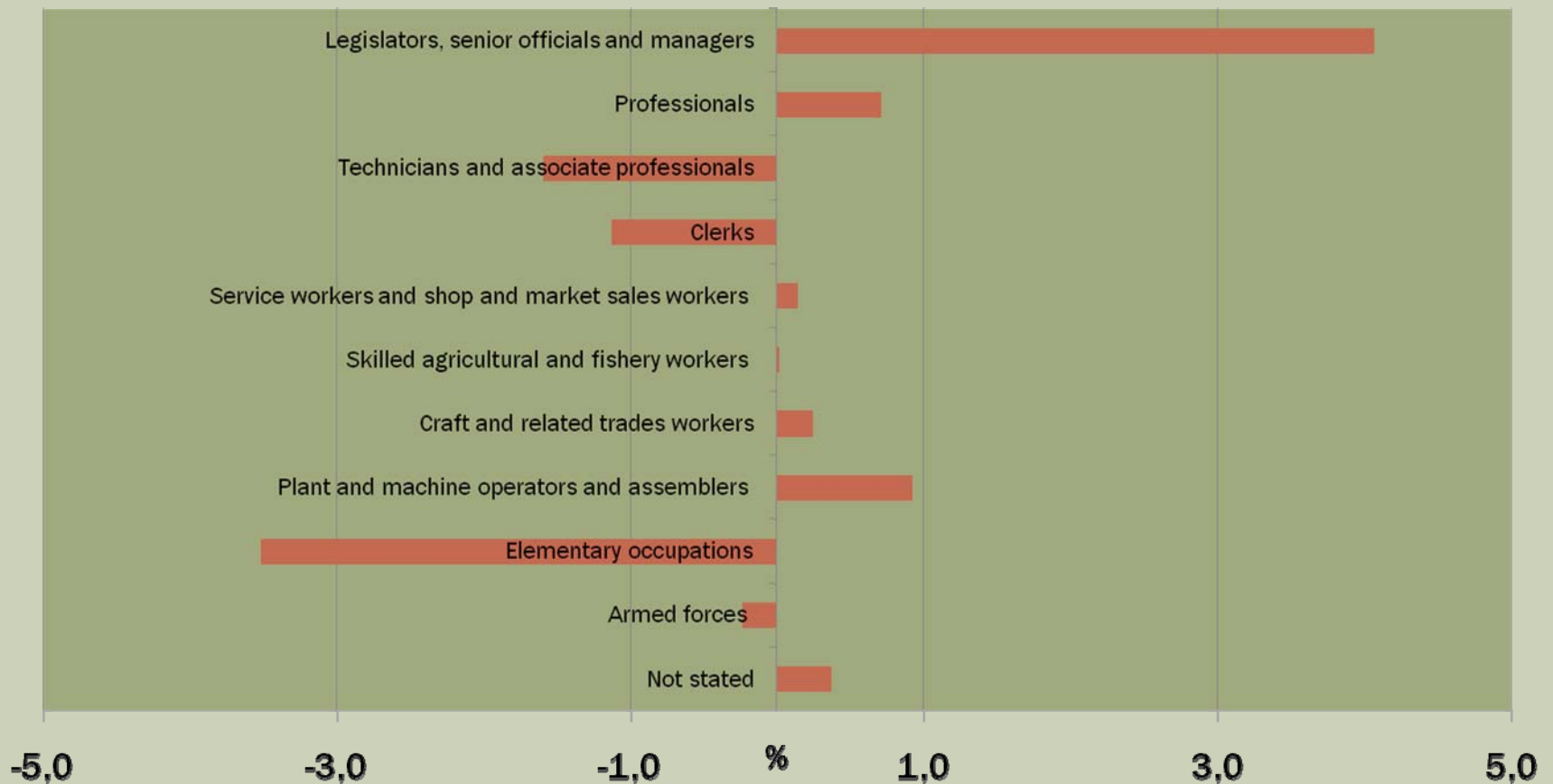
LFS > SRE



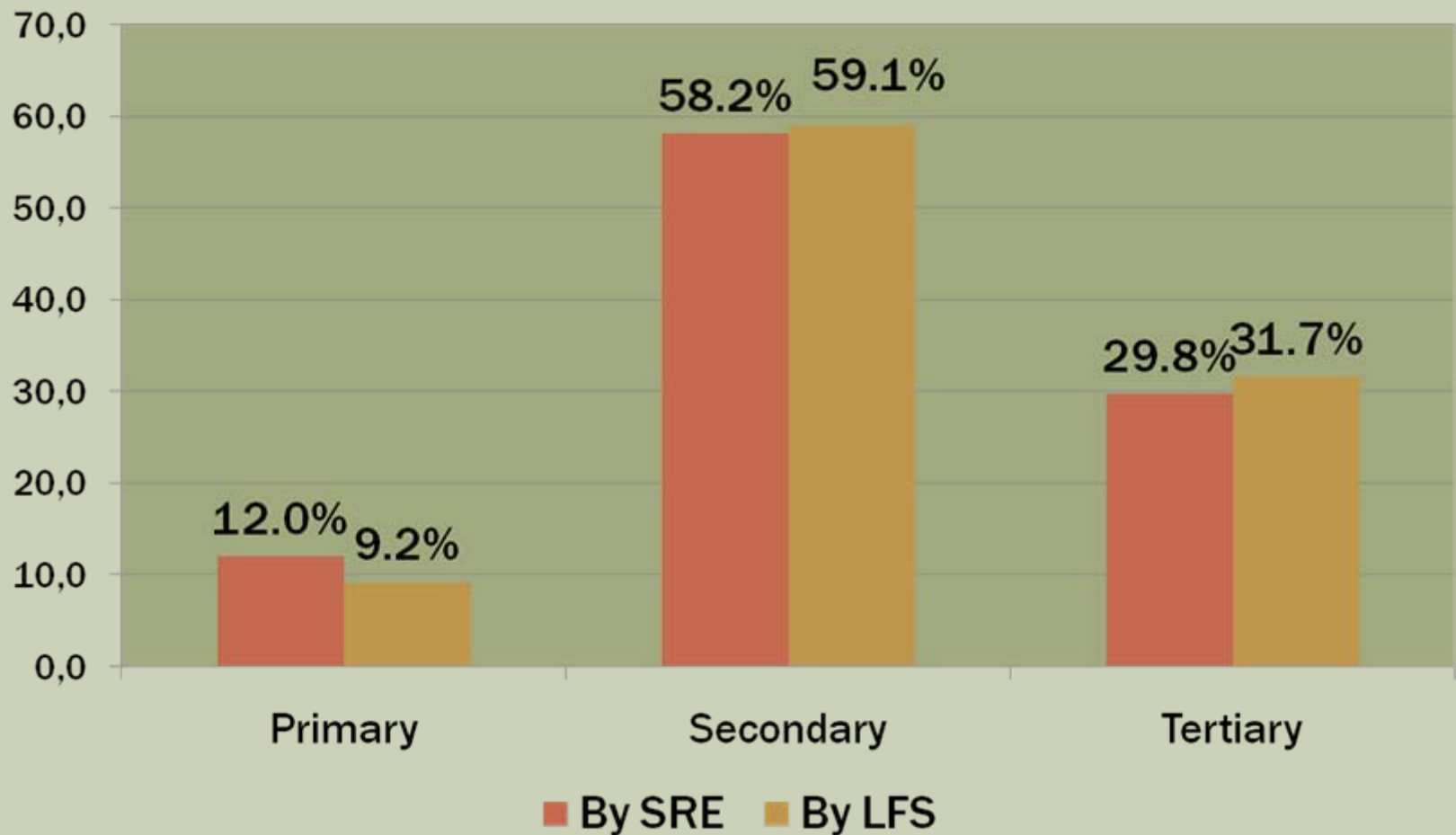
# SRE AND LFS: TYPE OF PROFESSION

SRE > LFS

LFS > SRE



# SRE AND LFS: EDUCATION ATTAINMENT LEVEL



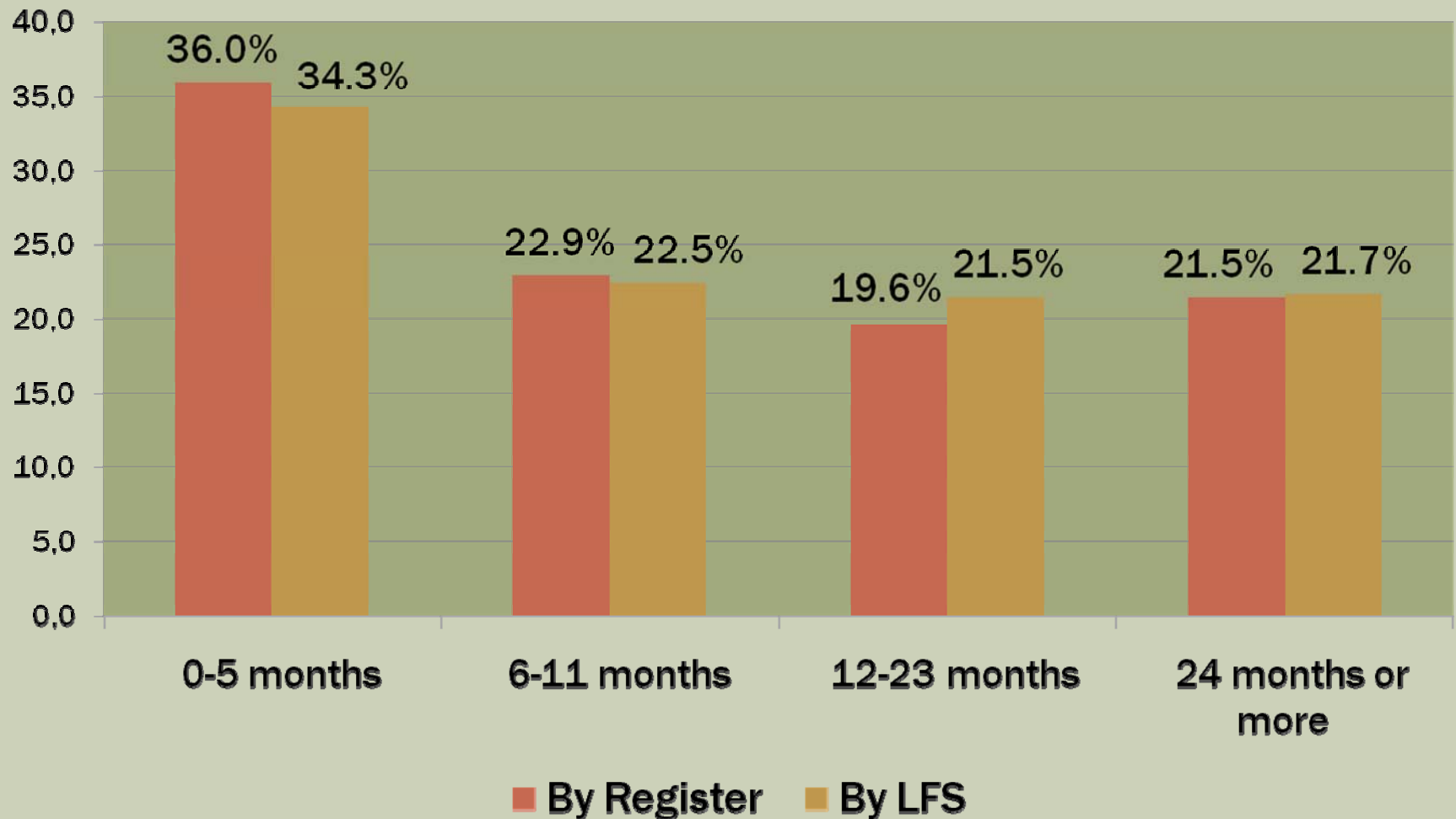
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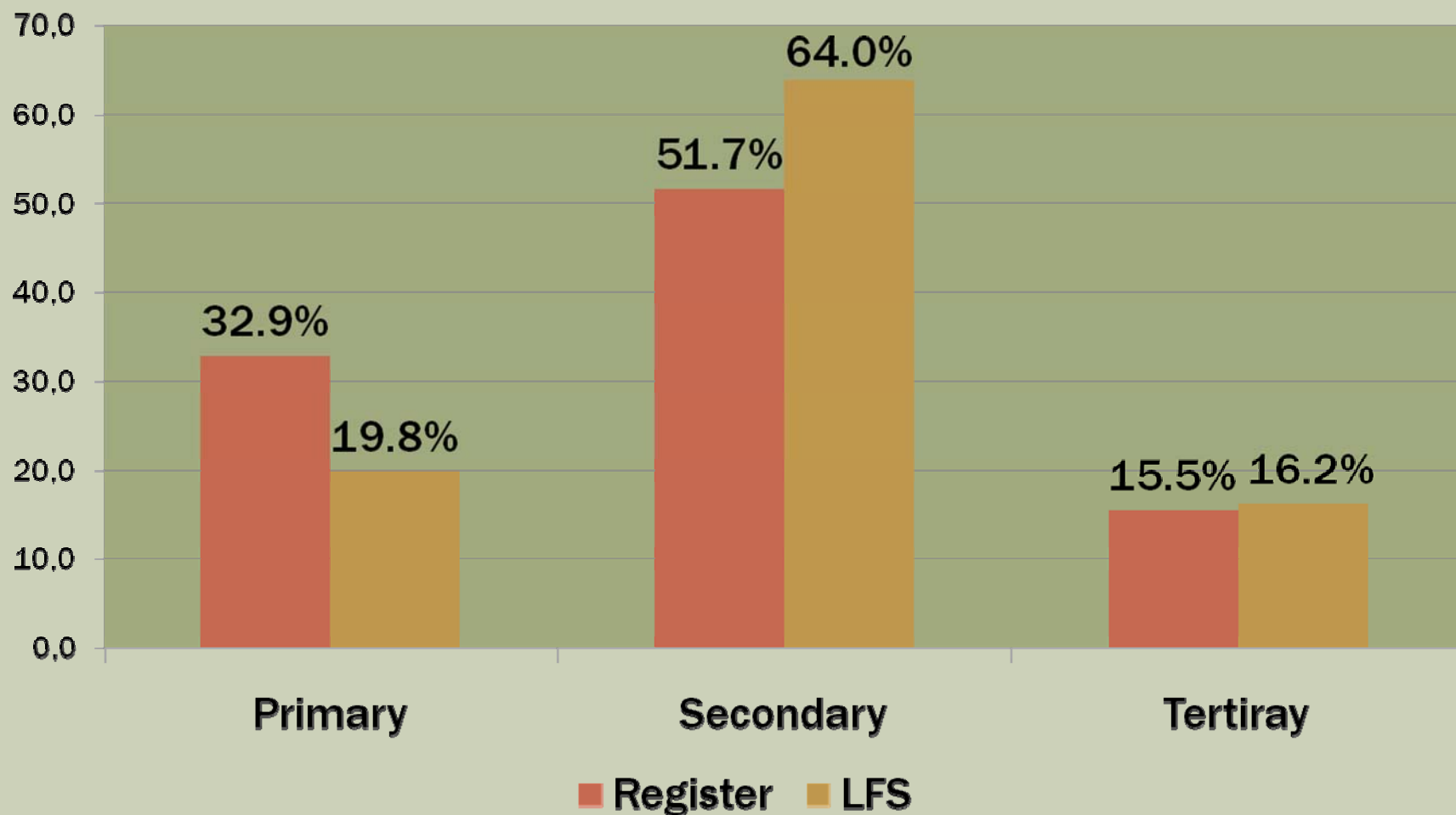
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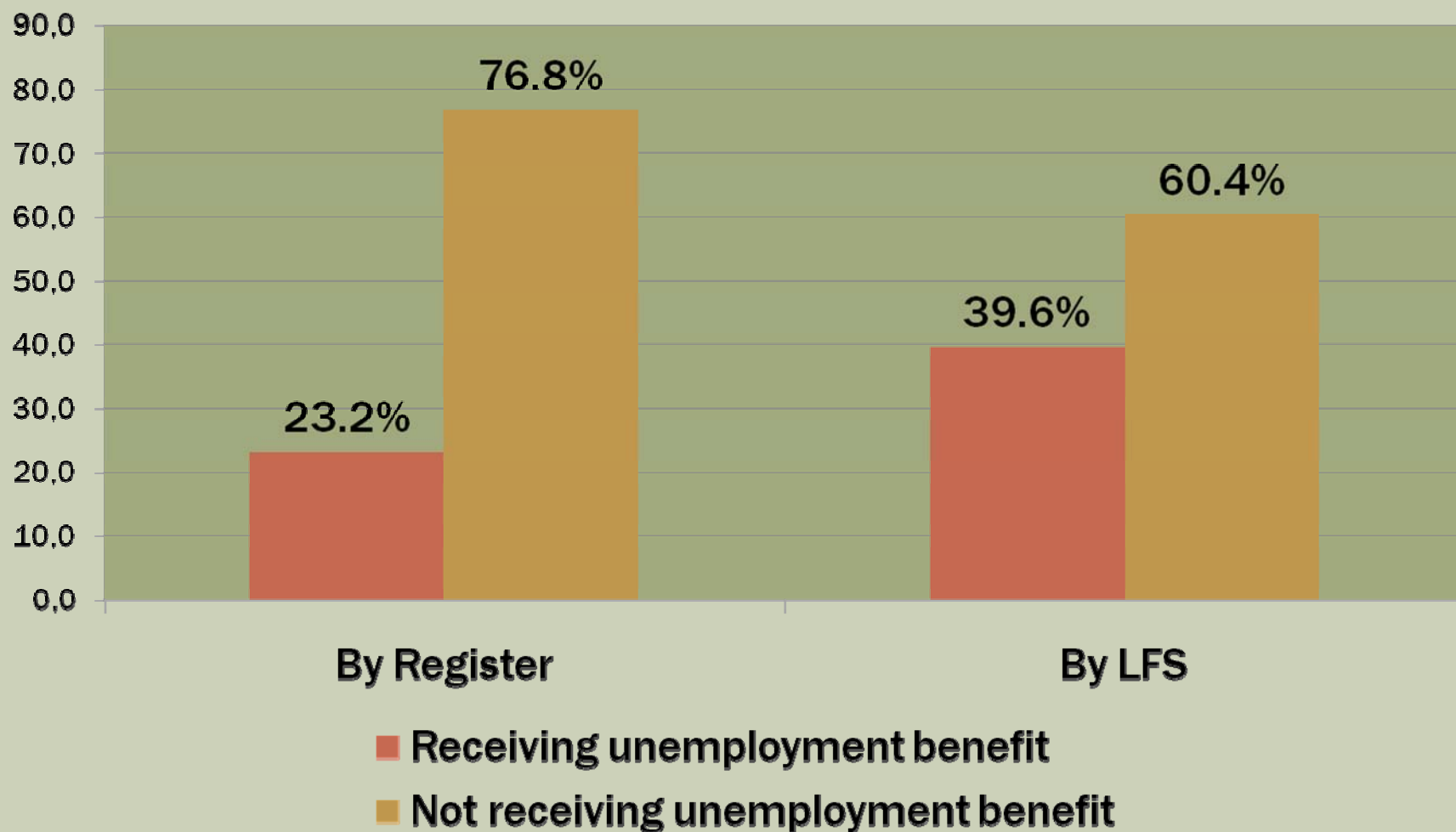
# REGISTER OF UNEMPLOYED AND LFS: UNEMPLOYMENT SPELL



# REGISTER OF UNEMPLOYED AND LFS: EDUCATION ATTAINMENT LEVEL



# REGISTER OF UNEMPLOYED AND LFS: RECEIVING UNEMPLOYMENT BENEFIT



# MAIN FINDINGS

## ■ Comparison of LFS with SRE:

- LFS data are in relatively good accordance with SRE data
- Problems:
  - Self-employed
  - Farmers

## ■ Comparison of LFS with Register of Unemployed Persons:

- Greater differences than in comparison with SRE
  - Status
  - Educational attainment level
  - Receiving unemployment benefit