



### LFS & TUS

How long do we work?

**Presented by: Kelly Sabbe, Statistics Belgium** 





#### **THANK YOU!**







#### **LFS**

Labour Force Survey **Since 1983** Continue since 1999

#### **TUS**

Time Use Survey 1999 / 2005 → HBS 2013 → LFS

#### LFS&TIME

A Database on working conditions, hours and arrangements Final report\*

Promoters: I. Glorieux, B. Fusulier

Coordinators: T.P. van Tienoven, J. Minnen

Researchers: J. Deyaert, E. Meszaros, A. Delporte, K. de Korte, S. Van Hollebeke











# **INTRODUCTION**: working population in 2013

2013	Belgium (11.14 million) (%)								
	Employ	yment rat	e (1)	Unemplo	oyment ra	ate (2)	Activ	ity level (	(3)
Total			61.8			8.5			67.5
Men		•	66.4		•	8.7		•	72.2
Women			57.2			8.2			62.3
	Flanders (6.52 million)		Wallonia (3.59 million)						
	Flanders	s (6.52 mi	llion)	Wallonia	a (3.59 mi	illion)	Bruss	els (177 3	307)
	Flanders	s (6.52 mi 2	llion) 3	Wallonia 1	a (3.59 mi 2	illion) 3	Bruss	els (177 3 2	3 3
Total			•						
Total Men	1	2	3	1	2	3	1	2	3







# **INTRODUCTION**: working population in 2013

2013	In relationship to Europe					
Employment rate (%)		Unemployment rate (%)		Activity level (%)		
Total Belgium	61.8		8.5		67.5	
Eurozone 18	63.5		12.0		72.2	
EU-28	64.1		10.8		72.0	





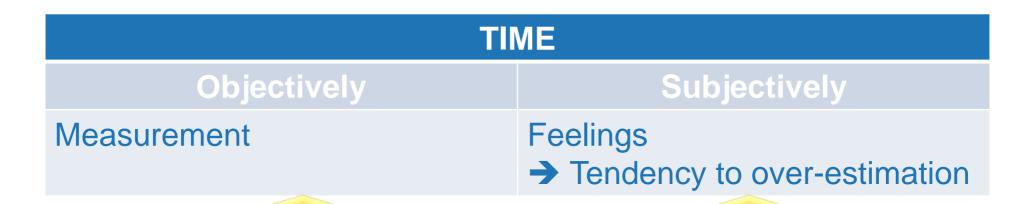




#### **INTRODUCTION**: reflection

TUS

How long do you usualy work in an average week? How does an unusual workweek look like?



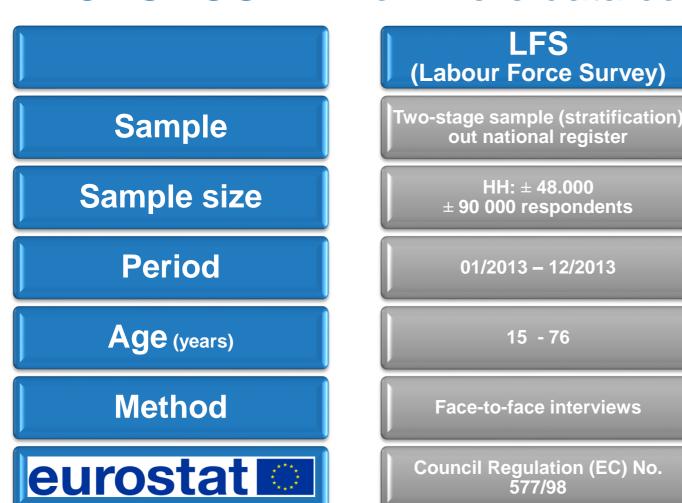


**LFS** 





### **BACKGROUND**: how were data collected in 2013?

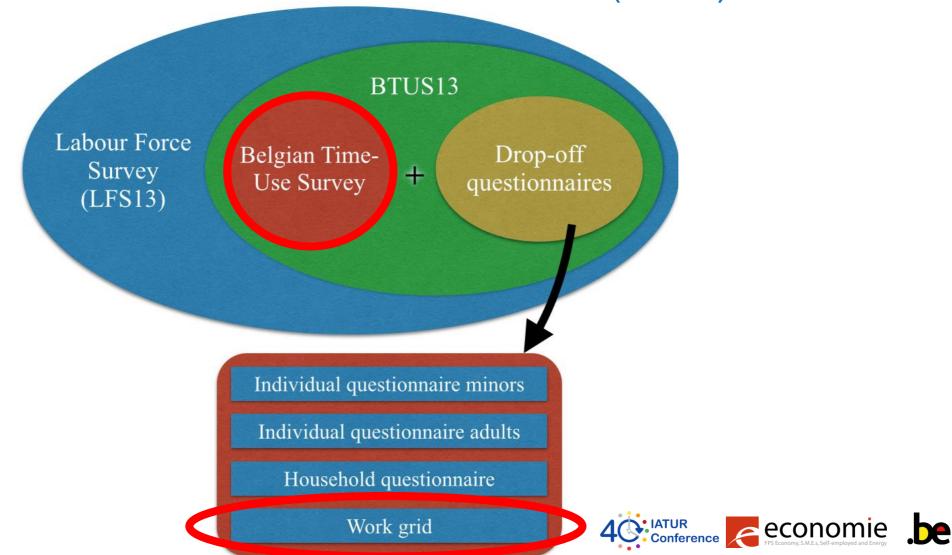






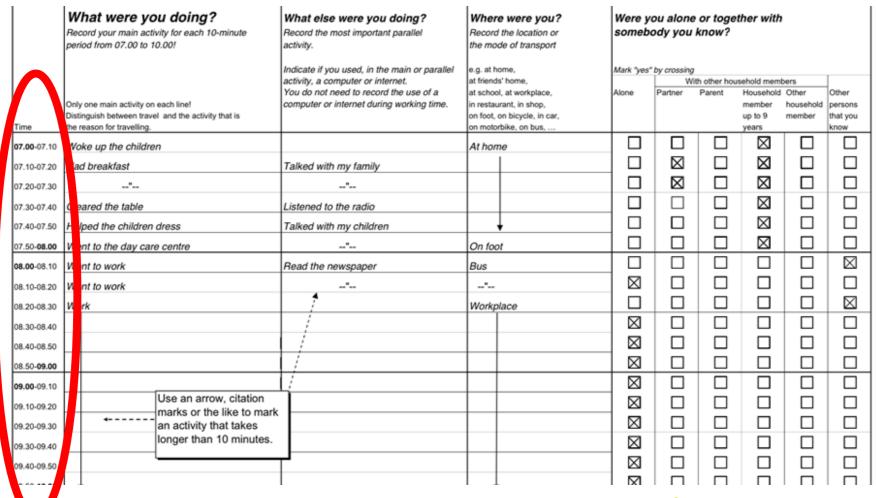


### **BACKGROUND**: structure of TUS data (2013)





## **BACKGROUND**: diary page (TUS) (2013)







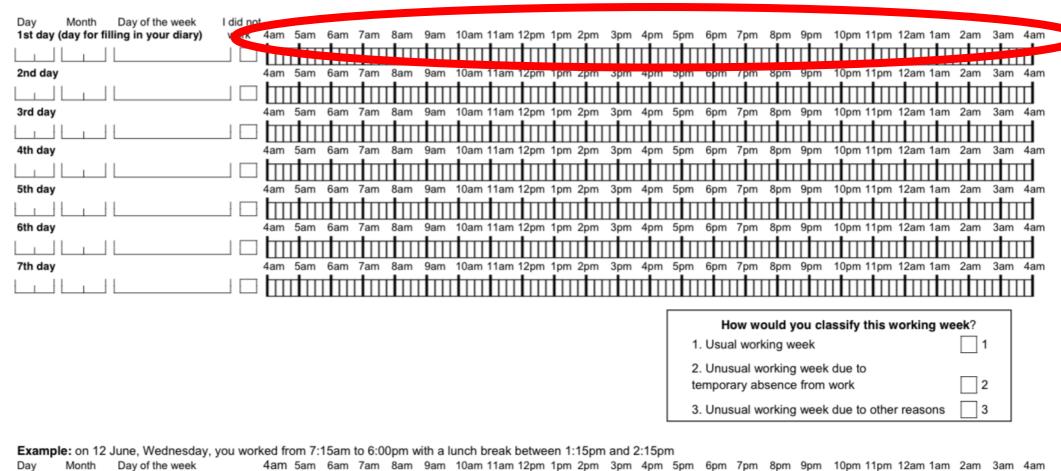




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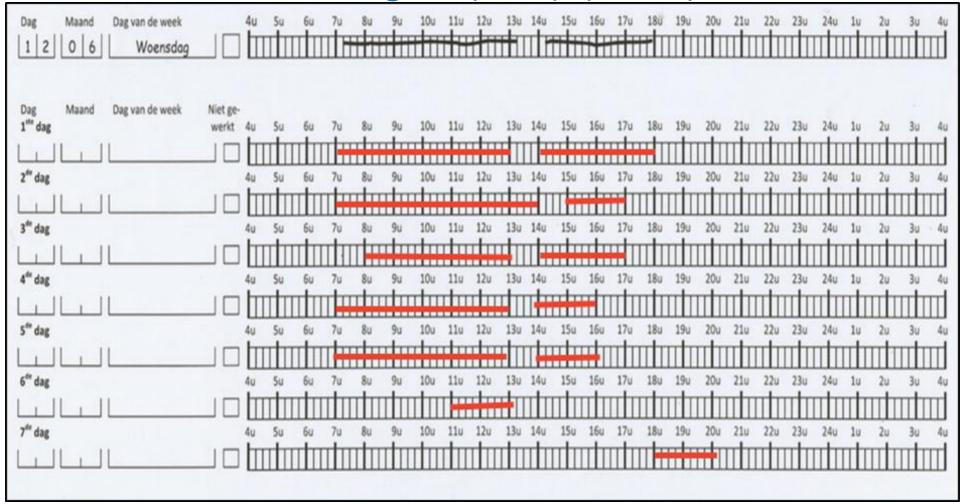
# BACKGROUND: work grid (WG) (2013)







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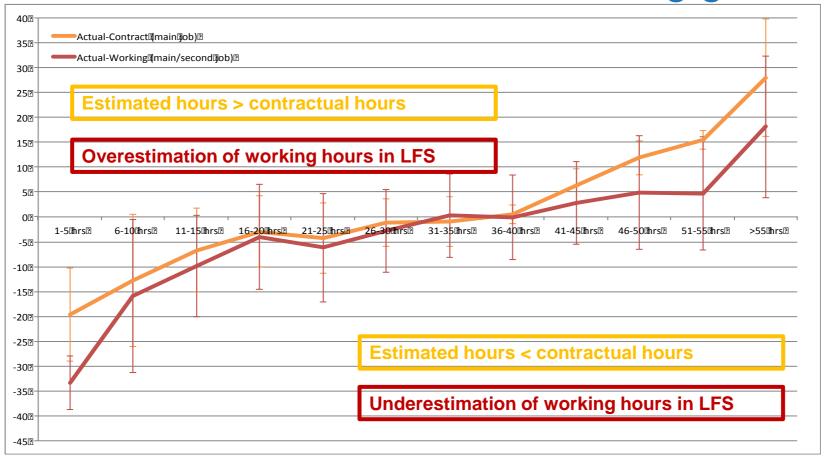


## **RESULTS**: strengths of LFS and TUS

TUS LFS Standardised methodology and definitions Labour force characteristics & working times Length, timing, and scheduling of working times Flexibility, sovereignty, and weekly patterning of working times Merge? □ Quality check □ Calibration □ Create richer data



## **RESULTS**: added value of TUS → working grid



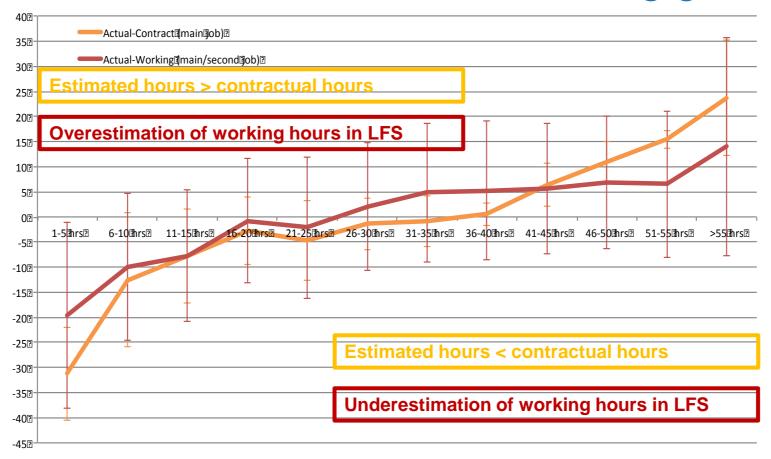
De Korte, K., J. Deyaert, I. Glorieux, E. Meszaros, J. Minnen & T.P. van Tienoven\* (2016). *Validity: Measuring work. LFS&TIME WORKING PAPER 2.* Brussels: Vrije Universiteit Brussel, Sociology Dept., Research Group TOR. \*Authors in alphabetical order; all authors contributed equally to this working paper







## **RESULTS**: added value of TUS → working grid



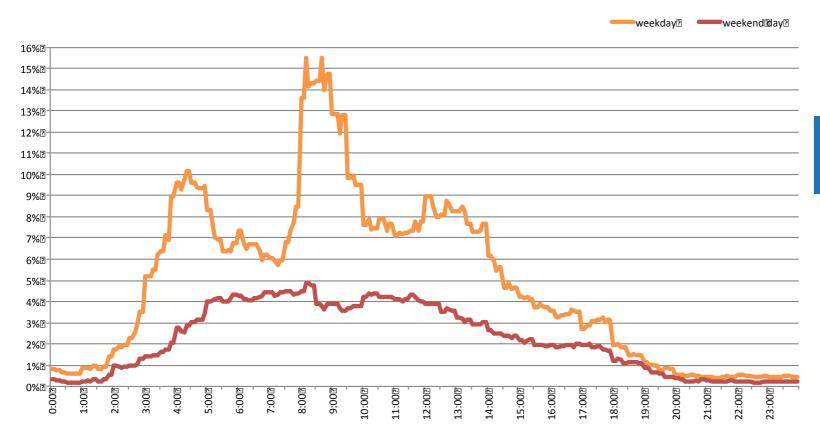
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## **RESULTS**: added value of TUS → working grid



WG/TUS episode level (%)					
	Match	Mismatch			
Weekday	95.1	4.9			
Weekend- day	97.8	2.3			
Week	96.4	3.6			

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#### **CONCLUSIONS**

- ☐ LFS vs. TUS + WG
  - ➤ Subjective vs. Objective
  - > Recall vs. Real-time
- □ LFS > 40 hours/week → overestimation compared to WG
- □ Departing from the WG
  - ➤ LFS < 25 hours/week → underestimation
  - ➤ LFS > 25 hours/week → overestimation
- ☐ WG: lunch and breaks are also 'working time'





#### **RECOMMANDATIONS** to Statbel and EUROSTAT

#### WG in relation to working time characteristics in LFS

- Additional detail in working time estimates
- ☐ Greater accuracy of working time
- Better estimates of working times, part-time work and nonstandard work

#### Practical problems

- ☐ 7 days to complete the WG → second visit of a pollster
- □ ICT?







# FUTURE: LFS – HBS – TUS in Belgium

#### 2017

- Panel: 6 750 HH/quartile
- LFS used for HBS
- Start recruitment for HBS 2020: Q2 2018
- → Impossible to recruite for TUS







#### **POINTS TO THINK ABOUT**

- How do we correct/improve the LFS data?
- ☐ Is it necesarry to correct them?
- ☐ If HBS becomes stand-alone, link between TUS and LFS?
- □ Keep TUS stand-alone?

**.**...







# Thank you for your attention





