

# MTUS Exercise: Cross Country Analysis on Work and Meals

## Learning goals

- Create time use variables using time filters
- Compare work time across four countries
- Compare work and meal timing across countries

## Summary

In this exercise, you will use the MTUS to conduct comparative analyses of work and meals on weekends and weekdays using the 2005 data from the US, UK, and Netherlands as well as Spain 2009. You will make comparisons across countries of how much time is spent in paid work. You will also compare across countries how much time is spent in meals at different times of the day.

## Part 1: Create time use variables

*Note: Time use variables are automatically added to your cart when you create them.*

1. Create four time use variables to capture paid work: *under the main category of "Paid work" select all detailed sub-categories ranging from "Paid work for the main job" to "Look for work"*. Variables should be defined as follows:
  - a. Total time
  - b. Time between 06:00 and 14:00 (6am to 2pm)
  - c. Time between 14:00 and 22:00 (2pm and 10pm)
  - d. Time between 22:00 and 06:00 (10pm and 6am)
  
2. Create five meal variables: *under the main category of "Personal Care" select "Meals at work or school" and "Meals or snacks in other places"*. Variables should be defined as follows:
  - a. Total time
  - b. Time between 11:00 and 13:00 (11am and 1pm)
  - c. Time between 13:00 and 15:00 (1pm and 3pm)
  - d. Time between 17:00 and 20:00 (5pm and 8pm)
  - e. Time between 20:00 and 23:00 (8pm and 11pm)

*Hint: As a shortcut, you can load your "total time" variables and simply restrict the time using the "time of day" filter rather than having to choose activities again and apply a time filter.*

## Part 2: Select samples and variables

3. Add the variables DAY and EMPSTAT to your extract
4. Select the 2005 US, UK, and Netherlands datasets as well as the 2009 Spain dataset
5. Submit your data extract



### Part 3: Analyze data

6. Complete the following table by generating average minutes per day spent in paid work for each country and by weekend/weekday for the entire sample and for full-time employees only. Remember to use weights.

PAID WORK BY DAY OF WEEK						
	Full Sample			Full-Time Employees		
	Total	Weekend	Weekday	Total	Weekend	Weekday
NETHERLANDS						
SPAIN						
UK						
US						

7. Which country spends the most time in paid work on weekends for the full sample?  
 \_\_\_\_\_ For full-time employees? \_\_\_\_\_
8. Complete the following table by generating average minutes per day spent in paid work for each country by time of day for the entire sample and for full-time employees only. Remember to use weights.

PAID WORK BY TIME OF DAY						
	Full Sample			Full-Time Employees		
	Morning	Afternoon	Evening	Morning	Afternoon	Evening
NETHERLANDS						
SPAIN						
UK						
US						

9. Which country spends the most time working in the evening for the full sample? \_\_\_\_\_  
 For full-time employees? \_\_\_\_\_
10. Complete the following table by generating average minutes per day spent in meals for each country by time of day. Remember to use weights.

MEALS BY TIME OF DAY					
	Total	11am-1pm	1pm-3pm	5pm-8pm	8pm-11pm
NETHERLANDS					
SPAIN					
UK					
US					

11. Which country spends the most time in meals? \_\_\_\_\_ Between 8pm and 11pm?  
 \_\_\_\_\_



### Part 3 Answers: Analyze data

6. Complete the following table by generating average minutes per day spent in paid work for each country and by weekend/weekday for the entire sample and for full-time employees only. Remember to use weights.

PAID WORK BY DAY OF WEEK						
	Full Sample			Full-Time Employees		
	Total	Weekend	Weekday	Total	Weekend	Weekday
NETHERLANDS	159.6	41.9	206.6	330.4	61.7	437.7
SPAIN	144.7	54.7	180.6	354.1	128.3	447.4
UK	171.4	62.3	215.1	321.8	108.3	406.6
US	209.0	72.9	263.4	347.4	111.8	440.9

7. Which country spends the most time in paid work on weekends for the full sample? US For full-time employees? Spain
8. Complete the following table by generating average minutes per day spent in paid work for each country by time of day for the entire sample and for full-time employees only. Remember to use weights.

PAID WORK BY TIME OF DAY						
	Full Sample			Full-Time Employees		
	Morning	Afternoon	Evening	Morning	Afternoon	Evening
NETHERLANDS	94.5	60.0	4.9	196.8	124.5	9.2
SPAIN	84.9	52.4	7.4	206.7	129.1	18.3
UK	99.2	64.1	8.1	184.7	121.5	15.6
US	122.4	74.9	11.6	205.4	122.5	19.5

9. Which country spends the most time working in the evening for the full sample? US For full-time employees? US
10. Complete the following table by generating average minutes per day spent in meals for each country by time of day. Remember to use weights.

MEALS BY TIME OF DAY					
	Total	11am-1pm	1pm-3pm	5pm-8pm	8pm-11pm
NETHERLANDS	76.2	13.5	6.4	26.4	5.2
SPAIN	100.0	2.9	26.4	6.4	30.8
UK	64.1	6.3	7.4	20.5	6.4
US	54.0	10.5	5.0	16.4	4.4

11. Which country spends the most time in meals? Spain Between 8pm and 11pm? Spain

