

Course Project: Regional Economics

Executive Certificate in Regional & International Markets

April 1-4, 2019 – Mohammed VI Polytechnic University (UM6P), Benguerir, Morocco

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This is a team project to be finished by the end of the fourth day of the course. All the information needed to complete this task is provided in the file:

Course_Project_IIO_2019.xlsx

Please answer the following questions:

1. Based on the sectoral value added information, list the sectors relatively more concentrated in Casablanca. To answer this question you will need to calculate the respective location quotients.
2. Complete the following tables with the contribution of each of the components of final demand to value added creation in Casablanca and in the rest of Morocco.

In DHS millions

<u>Source of demand:</u>	<u>Value added creation in:</u>		
	<i>Casablanca</i>	<i>Rest of Morocco</i>	<i>Morocco</i>
Investment demand in Casablanca			
Household demand in Casablanca			
Government demand in Casablanca			
Investment demand in the rest of Morocco			
Household demand in the rest of Morocco			
Government demand in the rest of Morocco			
Foreign exports			
Statistical discrepancies			
TOTAL			

In % of total value added created in Morocco

<u>Source of demand:</u>	<u>Value added creation in:</u>		
	<i>Casablanca</i>	<i>Rest of Morocco</i>	<i>Morocco</i>
Investment demand in Casablanca			
Household demand in Casablanca			
Government demand in Casablanca			
Investment demand in the rest of Morocco			
Household demand in the rest of Morocco			
Government demand in the rest of Morocco			
Foreign exports			
Statistical discrepancies			
TOTAL			

3. Complete the following tables with the contribution of each of the components of final demand to CO₂ emissions in Casablanca and in the rest of Morocco.

In tons of CO₂ emissions

<u>Source of demand:</u>	<u>CO₂ emissions in:</u>		
	<i>Casablanca</i>	<i>Rest of Morocco</i>	<i>Morocco</i>
Investment demand in Casablanca			
Household demand in Casablanca			
Government demand in Casablanca			
Investment demand in the rest of Morocco			
Household demand in the rest of Morocco			
Government demand in the rest of Morocco			
Foreign exports			
Statistical discrepancies			
TOTAL			

In % of total CO₂ emissions in Morocco

<u>Source of demand:</u>	<u>CO₂ emissions in:</u>		
	<i>Casablanca</i>	<i>Rest of Morocco</i>	<i>Morocco</i>
Investment demand in Casablanca			
Household demand in Casablanca			
Government demand in Casablanca			
Investment demand in the rest of Morocco			
Household demand in the rest of Morocco			
Government demand in the rest of Morocco			
Foreign exports			
Statistical discrepancies			
TOTAL			

4. Comparing the results in 2 and 3, can you say anything about which components of final demand are relatively more harmful for the environment?