**Locating a car factory in Brazil**

**Activity sheet**

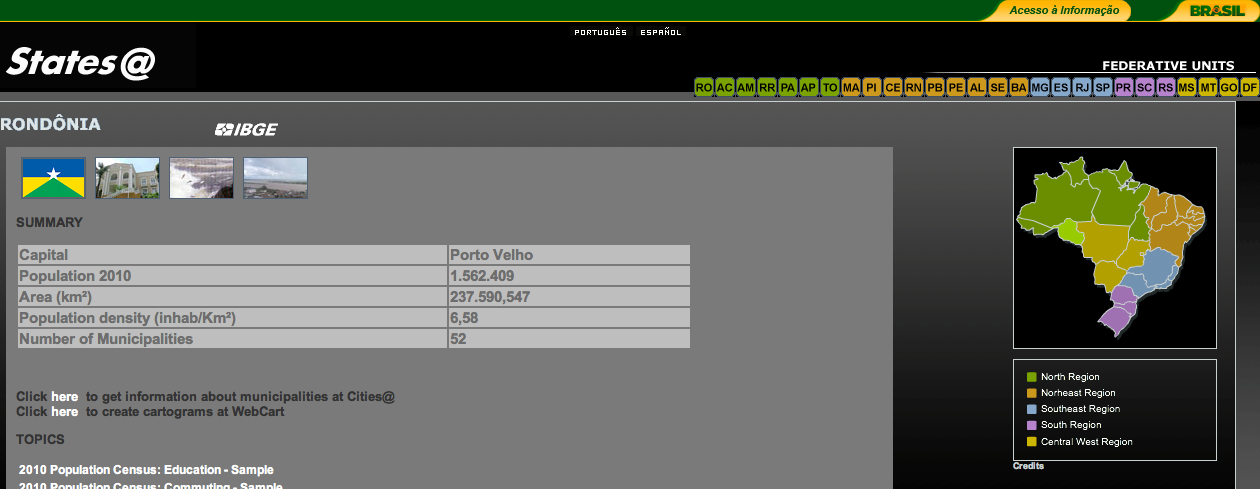
***Sales manager***

1. Complete the **table** for the **population** of each state and region of Brazil.

Use the following website to help you to complete the table:

Click here to select the state

<http://www.ibge.gov.br/estadosat/perfil.php?sigla=ro>



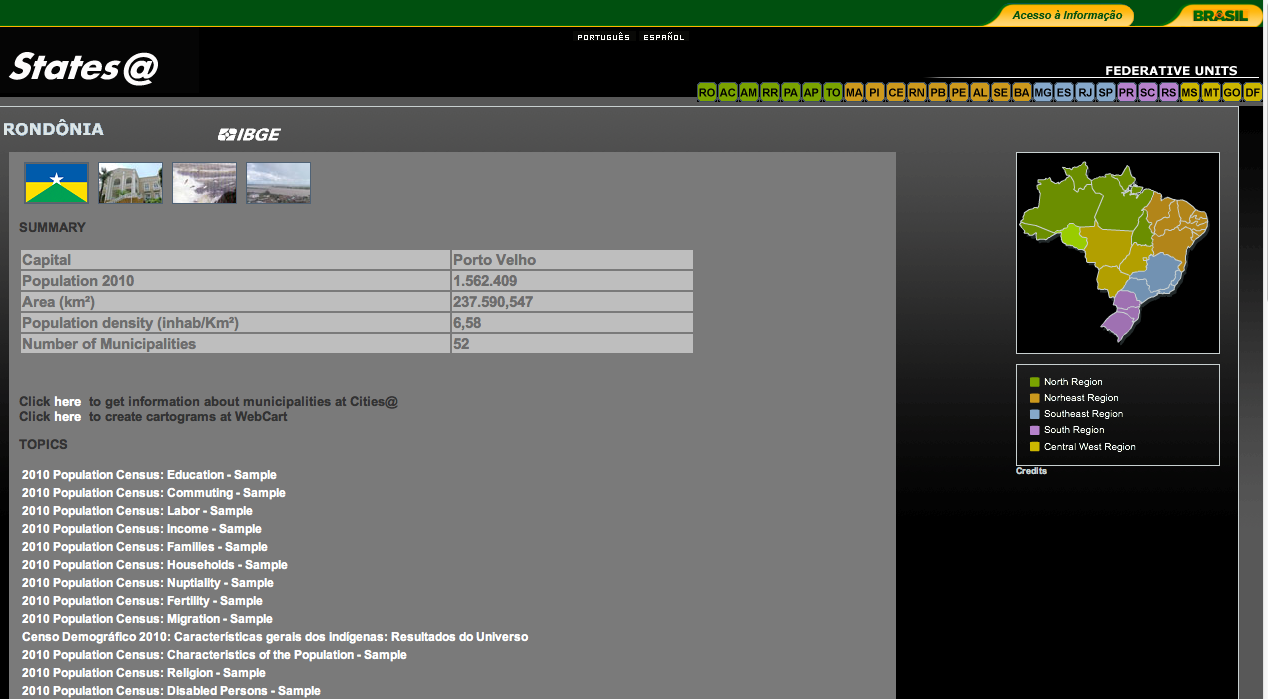
Find the area (Km2) here

Find the population number here

1. Complete the **table for the percentage (%)** of the total income that each state contributes.

Use the following website to help you to complete the table:

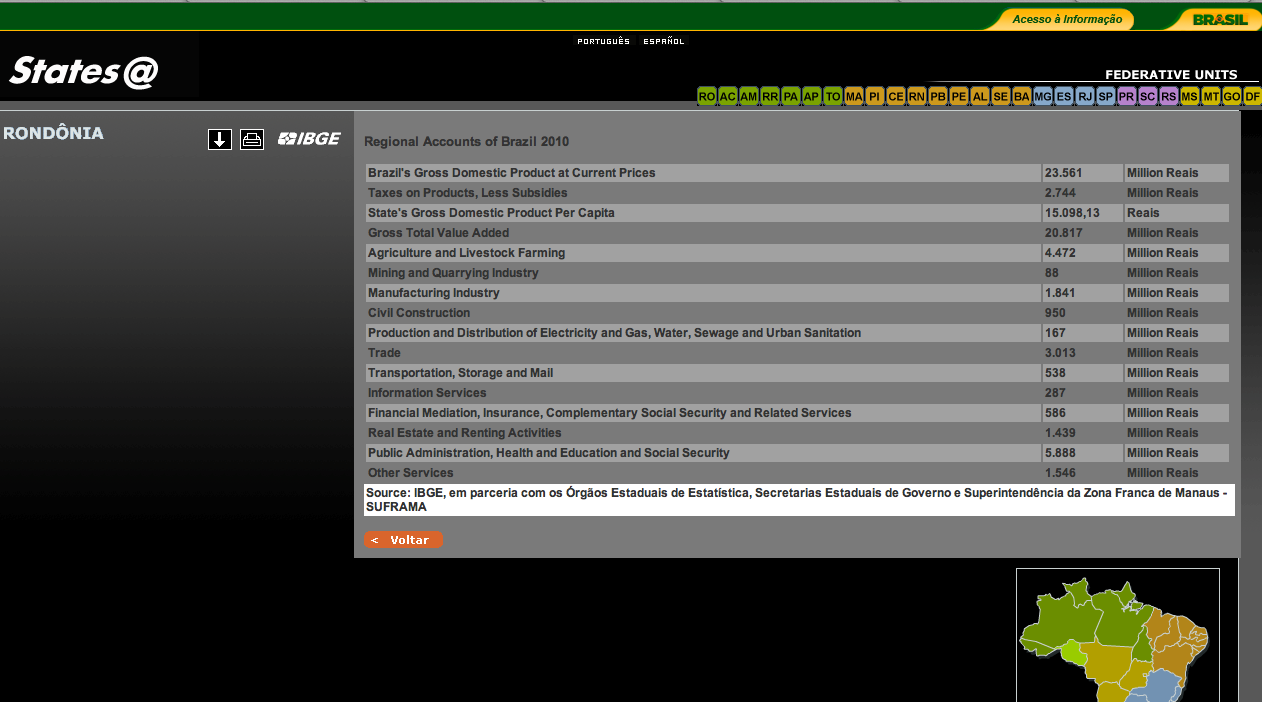
<http://www.ibge.gov.br/estadosat/perfil.php?sigla=ro>



Scroll down the page.



**1.** Click on ‘regional accounts of Brazil 2010’

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**2.** Get the figure for ‘State’s Gross Domestic Product per capita’.

1. **Scatter graph**

Produce a scatter graph that shows GDP and population for each region.

Please ask the teacher for a piece of graph paper. You will be given instructions on how to draw and complete your scatter graph.

1. **Analysis**

As the sales manager you are looking for people to sell cars to when they are finished. So you want a region with a high population density, but with high income per head.

* Look at the scatter graph and identify which area has the highest GDP and population.
* Which area has the highest population?
* Which area has the highest GDP?

Write an analysis that describes which areas have the highest/lowest population and highest/lowest GDP. Explain where you would locate your factory and why.

Use the writing frame below to help you.

Writing frame/sentence starters

The table shows…

The areas with the highest/lowest GDP/population density…

The scatter graph shows…

As the sales manager, I would choose the following region…

The reason why I would choose this region is because...

Vocabulary:

Sales manager

Population density

GDP

Region

State