Natasha has been hired by Dalhousie University and is thinking of moving to a house located in Middle-Sackville (postal code B4E 3E5). She’s wondering how her new potential neighborhood compares to the rest of Halifax, especially in regards to income and housing costs.

1. Find the NHS profile page.
*Statcan.gc.ca – Features (2011 NHS) – Data Products – NHS Profile*

2. Search for Halifax (census subdivision) and choose the *Income of individuals* view.

3. What’s the median income of the population aged 15 years or over who worked full time for a full year?

   Median Income :  
   Shelter Costs :

4. Choose the *Shelter costs* view and write down the percentage of house owners spending 30% or more of their income on shelter costs.
5. Search the profile for Natasha’s postal code (B4E 3E5).
   → Find the census tract for that postal code and click on “Map”. You’ll see the name of some major roads in her area!
   → Go back and click on the census tract number. Find the same information as you found for Halifax in #2-4 of this exercise.

6. Compare the numbers. Where’s the highest median income? Where’s the smallest percentage of house owners who spend more than 30% of their income on housing?

Bonus question: Choose the All data view, and see if you can find which is the highest number between the number of people who leave for work before 7am and the number of people who leave for work after 9am?
Exercise #2 – Odesi

Clint’s professor wants him to find data and statistics about smoking in Canada. Clint isn’t really familiar with any Canadian health survey, so he decides to start his search by compiling a good list of surveys to explore.

1. Go to Odesi: odesi.ca

2. Search for the following expression: Smok*

3. Wow, look at all those results! Under Limit your search, find Series, and click on More. Identify at least 3 surveys you might be interested in exploring and click on one of them.

4. Click on Matching variables under the first result of your selected survey. Click on one of the labels. What question was asked of people answering the survey? What was the most common answer?

Bonus question: Can you find some surveys that might be of interest for your own research?

Exercise #3 – Google Search

Tony wants to collect data to help him determine if there might be any potential problems with building a new pipeline right in the middle of Dalhousie campus. He’s already done a great job of exploring Statistic Canada tables – it turns out that pipelines are a sub-topic of the Energy Statistics by Subject page – and he’s already checked out the engineering statistics libguide. Now, it’s time to expand his search!

1. Go to Google and search for the following expression: pipeline statistics site:gc.ca

2. Look at the results! There’s a few links to Statistic Canada’s website, but you’re also getting some pages from a different government agency...what’s the name of that agency?

   → Explore one of the results and see if you can find any data or statistics.

Bonus question: You decide you want to see if you can find any information from Nova Scotia about pipelines. Try to see if you can find anything interesting with the following expression: pipeline AROUND(10) (statistics OR data) site:ns.ca
Exercise #4 – Health Profile

Your friend Pepper is pretty embarrassed when she breaks one of her legs while attempting a cool move during laser tag. Instead of doing something normal like giving her flowers, you decide to cheer her up with some local health statistics.

1. Find Statistic Canada`s health profile
   → Go to http://www12.statcan.gc.ca/health-sante/82-228/index.cfm?Lang=E
   → Or search in Google with: health profile site:statcan.gc.ca

2. Find Halifax (CMA) and compare with the rest of Nova Scotia (province).

3. In the profile table, find the rate of injury hospitalizations.
   → Are women hospitalized for injuries more often than men?

4. You notice the rate is given per 100 000 population. How many injury hospitalizations does that translate into for Nova Scotia? __________
   → Find the population totals by navigating to census data.

Bonus question : What Health Region is Halifax located in? Google an expression that can find health region maps in Statistic Canada`s website, or go to http://www.statcan.gc.ca/pub/82-402-x/2013002/map-cart-eng.htm