

Assignment one

Story on human trafficking

Trafficking report on [DocumentCloud](#)

This is a typical crime story. The aim of this assignment is to public records, including crime statistics, documents and interviews with real people to produce well-told, original and compelling stories. So let's see how we can improve on this story.

1. Go to StatsCan "Incident-based crime statistics, by detailed violations" <http://www5.statcan.gc.ca/cansim/a26?lang=eng&id=2520051>
2. Step 1 – Select: Geography – All
3. Step 2 – Select: Violations – Trafficking in persons (1525)
4. Step 3 – Select: Statistics – Actual incidents, Rate per 100,000, Percentage change in rate, Total cleared (NOTE: Numeracy comes into play when dealing with crime stats where it's important to deal in rates rather than actual numbers.
5. Step 4 – Select the time frame – From 2010 – 2014
6. Step 5 – Select the Screen output format – HTML table, time as columns, normal retrieval
7. Step 6 – Apply

8. Select the “Download” tab, which takes you to this prompt:

The screenshot shows the Statistics Canada CANSIM website. At the top, there's a navigation bar with "Statistics Canada" and the "Canada" logo. Below this is a menu with "Information for...", "Browse by subject", "Browse by key resource", and "Help". The main content area is titled "Table 252-0051" with links "1, 2, 3, 54". The subtitle is "Incident-based crime statistics, by detailed violations annual (number unless otherwise noted)". Below the title is a row of tabs: "Data table", "Add/Remove data", "Manipulate", "Download" (which is highlighted), "Related information", and "Help". Under the "Download" tab, there's a prompt: "Select an option to download data in the desired format." There are two options: "Option 1 - Download data as displayed in the Data table tab" and "Option 2 - Download entire table". Option 1 has three dropdown menus: "Select the language:" (set to "English"), "Select the data output format type:" (set to "time as columns"), and "Select the file format:" (set to "CSV (comma-separated values) English spreadsheet"). It also has a "Series details:" dropdown (set to "normal retrieval") and a "Download data" button. Option 2 has a "Select the file format:" dropdown (set to "CSV (comma-separated values) English spreadsheet (12.2 mb)") and a "Download entire table" button. At the bottom right, it says "Date modified: 2015-07-22".

Statistics Canada

Canada

Information for... Browse by subject Browse by key resource Help

Home » CANSIM

Table 252-0051 1, 2, 3, 54

Incident-based crime statistics, by detailed violations
annual (number unless otherwise noted)

Data table Add/Remove data Manipulate **Download** Related information Help

Select an option to download data in the desired format.

Option 1 - Download data as displayed in the Data table tab

Select the language:
English

Select the data output format type:
time as columns

Select the file format:
CSV (comma-separated values) English spreadsheet

Series details: normal retrieval
vector identifier, plus coordinate, plus data

Download data

Option 2 - Download entire table

Select the file format:
CSV (comma-separated values) English spreadsheet (12.2 mb) (Files modified on 2015-07-22)

Download entire table

Date modified: 2015-07-22

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9. Select Option 1, AND NOT OPTION 2, WHICH IS THE ENTIRE TABLE, WHICH CAN NOT BE OPENED IN EXCEL BECAUSE IT CONTAINS 2.2 MILLION ROWS, ALSO REFERRED TO AS RECORDS (NOTE: The text editor, EmEditor, which allows you to open the entire dataset to get a closer look at all the data)
10. NOTE: WHEN DOWNLOADING INFORMATION, BE SURE TO SLOW YOURSELF DOWN AND STUDY THE VARIOUS OPTIONS AND CATEGORIES

11. Selecting Option 1 will take you to the following prompt:

The screenshot shows the Statistics Canada website interface. At the top, there is a header with the Canadian flag, the text 'Statistics Canada / Statistique Canada', and a search bar. Below the header is a navigation bar with links: 'Information for...', 'Browse by subject', 'Browse by key resource', 'Help', and 'Canada.ca'. The main content area features a 'Home' link and a section titled 'Alternative format - CSV document'. This section states that a document is available for downloading or viewing and provides a link to 'Download file from CANSIM (CSV Version: 27.265kb)'. It also offers a link to an 'Excel viewer' for users who do not have software that converts CSV or SCSV file formats. Below this, there is a 'Date modified: 2016-07-02' and buttons for 'Contact us' and 'Share this page'. The footer contains four columns of links: 'Contact information' (including 1-800-263-1136 and email), 'News' (including Newsroom and News releases), 'Government' (including How government works and Departments & agencies), 'Transparency' (including Government-wide reporting and Open government), 'Feedback', 'Social media', and 'Mobile centre'.

Statistics Canada / Statistique Canada

Search website

Information for... Browse by subject Browse by key resource Help Canada.ca

[Home](#)

Alternative format - CSV document

The following document is available for downloading or viewing:

- [Download file from CANSIM \(CSV Version: 27.265kb\)](#)

If you do not have a software that converts Comma-separated value (CSV) or semicolon-separated value (SCSV) file formats, download the following viewer:

- [Excel viewer](#)

Date modified: 2016-07-02

[Contact us](#) [Share this page](#)

Contact information
1-800-263-1136
STATCAN.infostats-
infostats.STATCAN@canada.ca

News
Newsroom
News releases
Media advisories
Speeches
Statements

Government
How government works
Departments & agencies
Prime Minister
Ministers
Public service and military
Treaties, laws and regulations
Libraries
Publications
Statistics & data
About Canada.ca

Transparency
Government-wide reporting
[Open government](#)
Proactive disclosure
Terms & conditions
Privacy

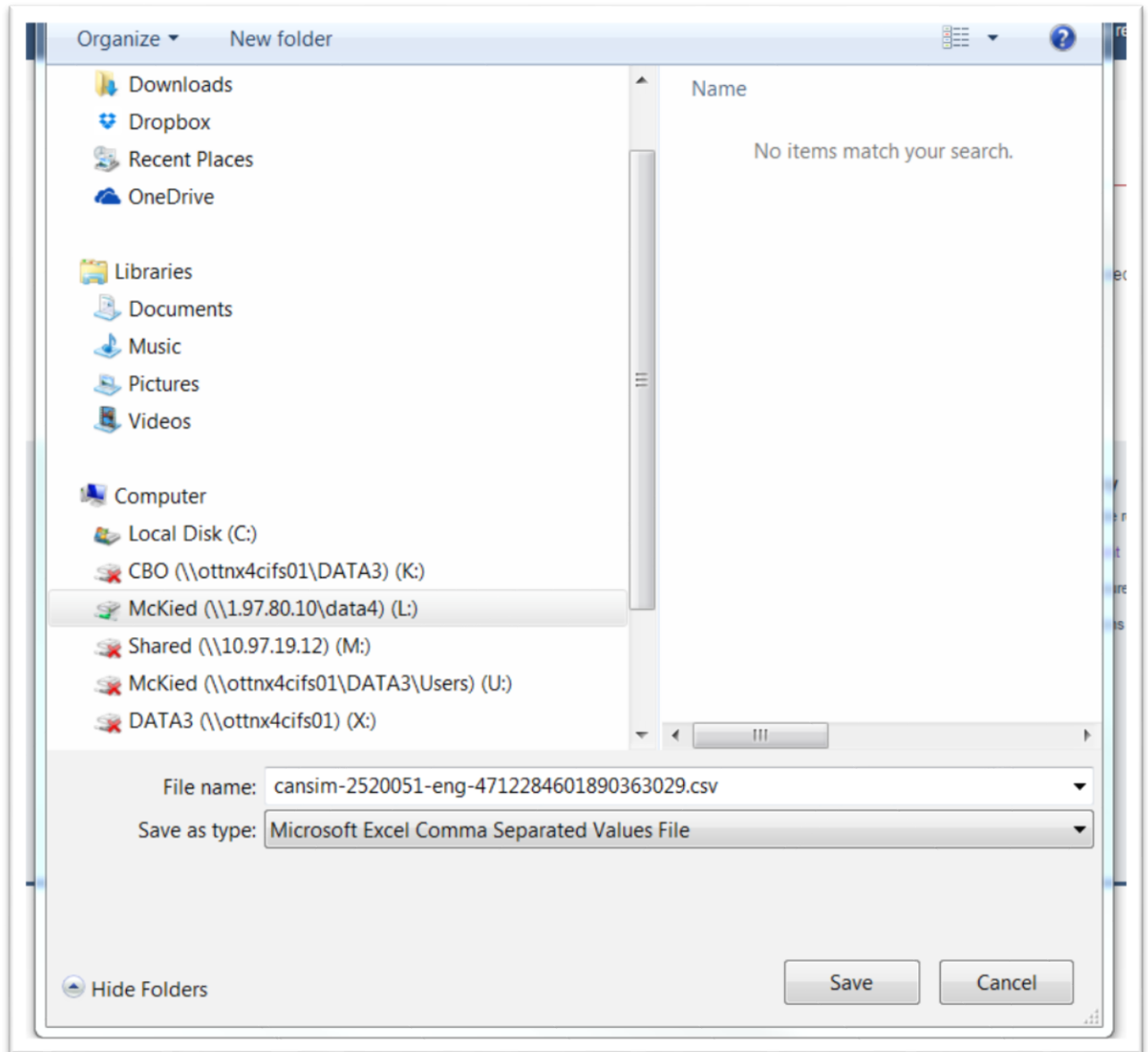
Feedback

Social media

Mobile centre

Canada

12. Select the “Download file from CANSIM...” Tab, which produces a prompt:



13. I would suggest renaming the file with a label that makes more sense, and then browsing to a location on your hard drive for this assignment.

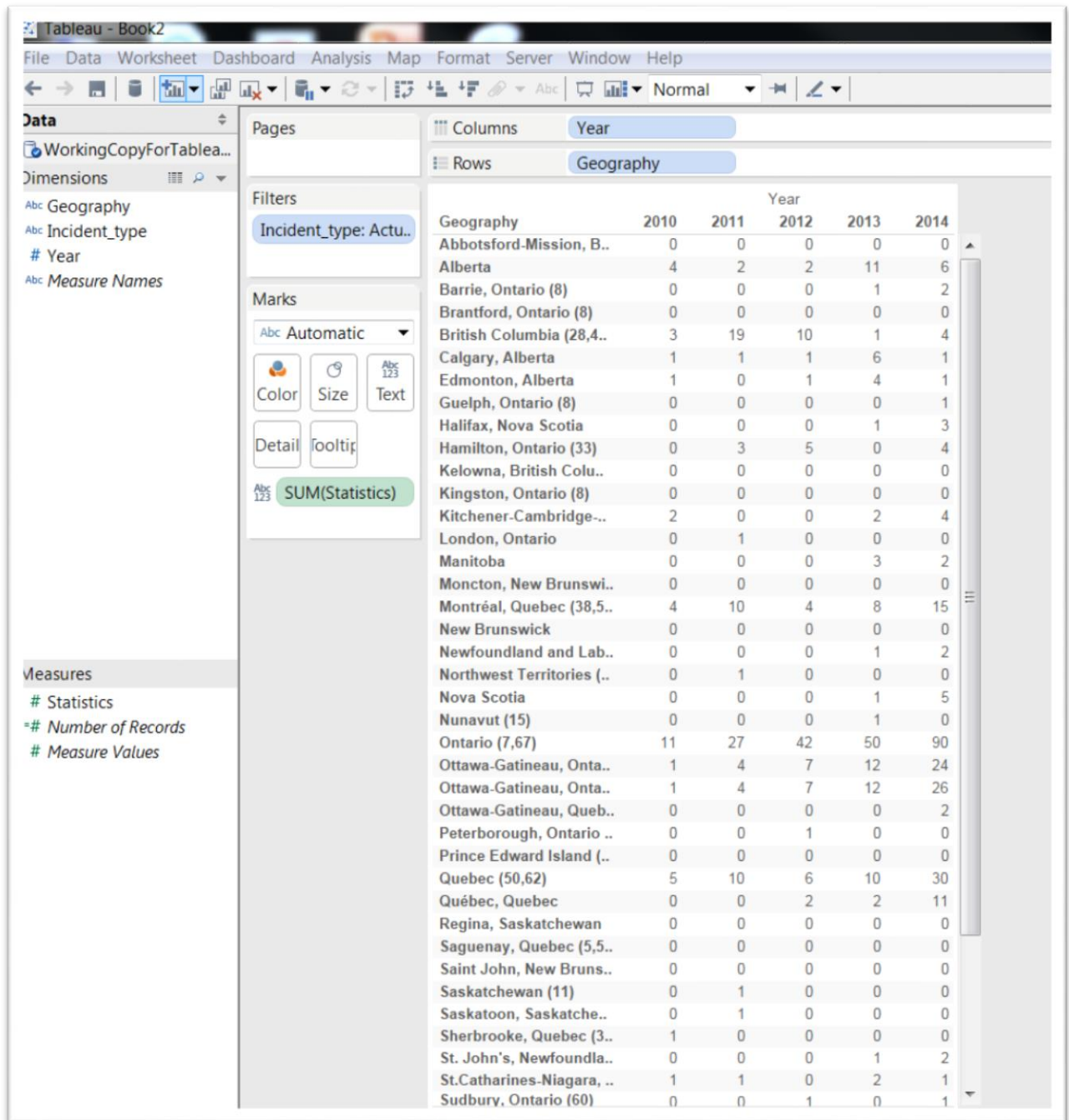
14. A QUICK LESSON ON SORTING AND FILTERING MIGHT BE IN ORDER, AS WELL AS WORKING IN CSV FILES AND THE IMPORTANCE OF SAVING AS EXCEL TO ALLOW FOR MULTIPLE WORKSHEETS

15. Download the latest version of Tableau Public.

16. You'll also have to install the program's “reshape data” plug-in, which will automatically be installed in Excel. Follow the instructions on Tableau's [website](#).

17. For a quick less on how to get started in Tableau, consult the first few steps of [this tutorial](#).
18. Be sure to place the place the columns in the correct areas: GEOGRAPHY, YEAR AND INCIDENT TYPE IN "DIMENSIONS" ; STATISTICS IN "MEASURES"
19. Also, BE SURE TO ADD "INCIDENT_TYPE" TO THE "FILTERS" AREA, AND THEN SELECT ONE OF THE THREE CATEGORIES THAT YOU WANT, OTHERWISE, TABLEAU WILL ADD THE VALUES FOR EACH OF THE CATEGORIES, PROVIDING AN INFLATED NUMBER.
20. AND FORMAT THE NUMBERS AS STANDARD, THUS GETTING RID OF THE DECIMAL PLACE
21. So your first table, which shows the number of incidents in each jurisdiction, should look like this, with the geographic names in alphabetical

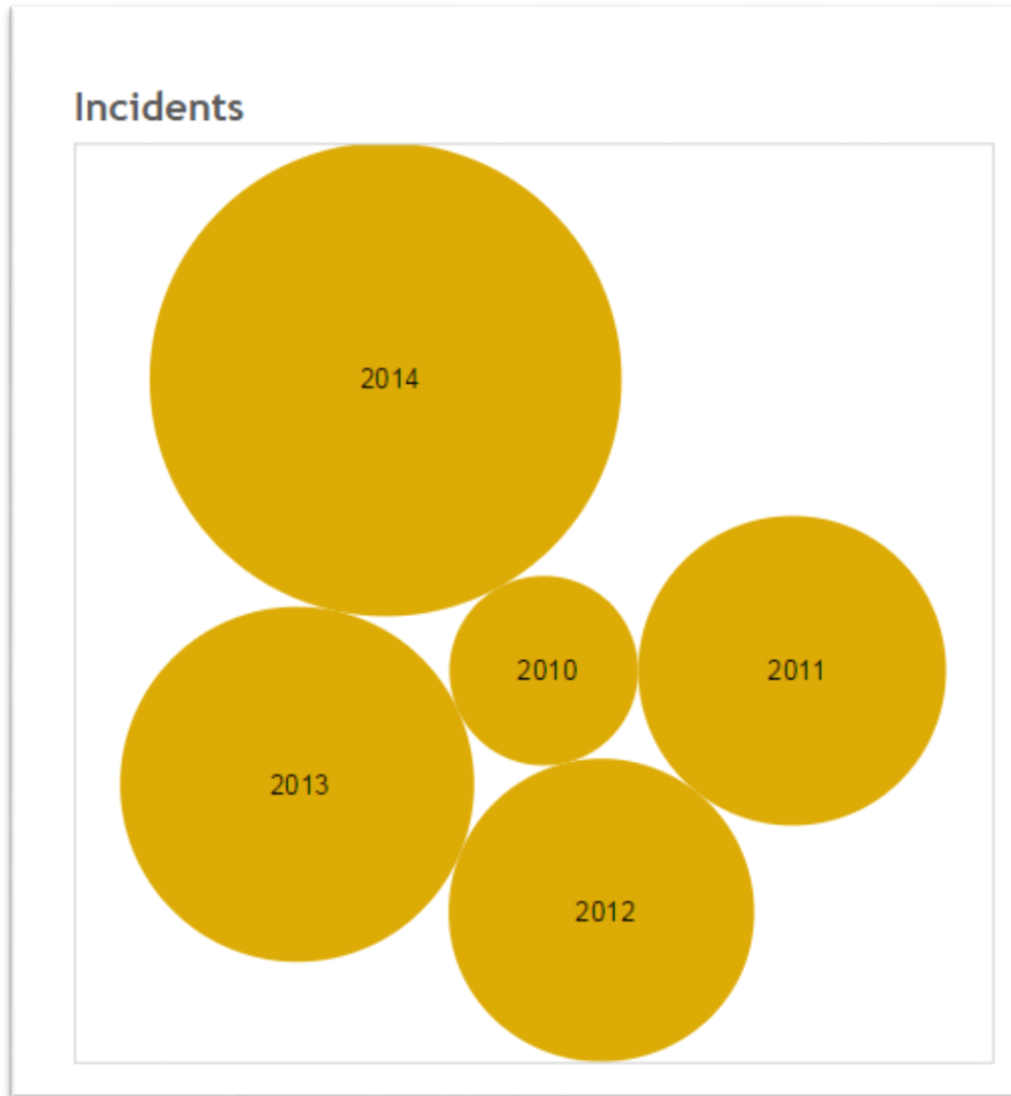
order.



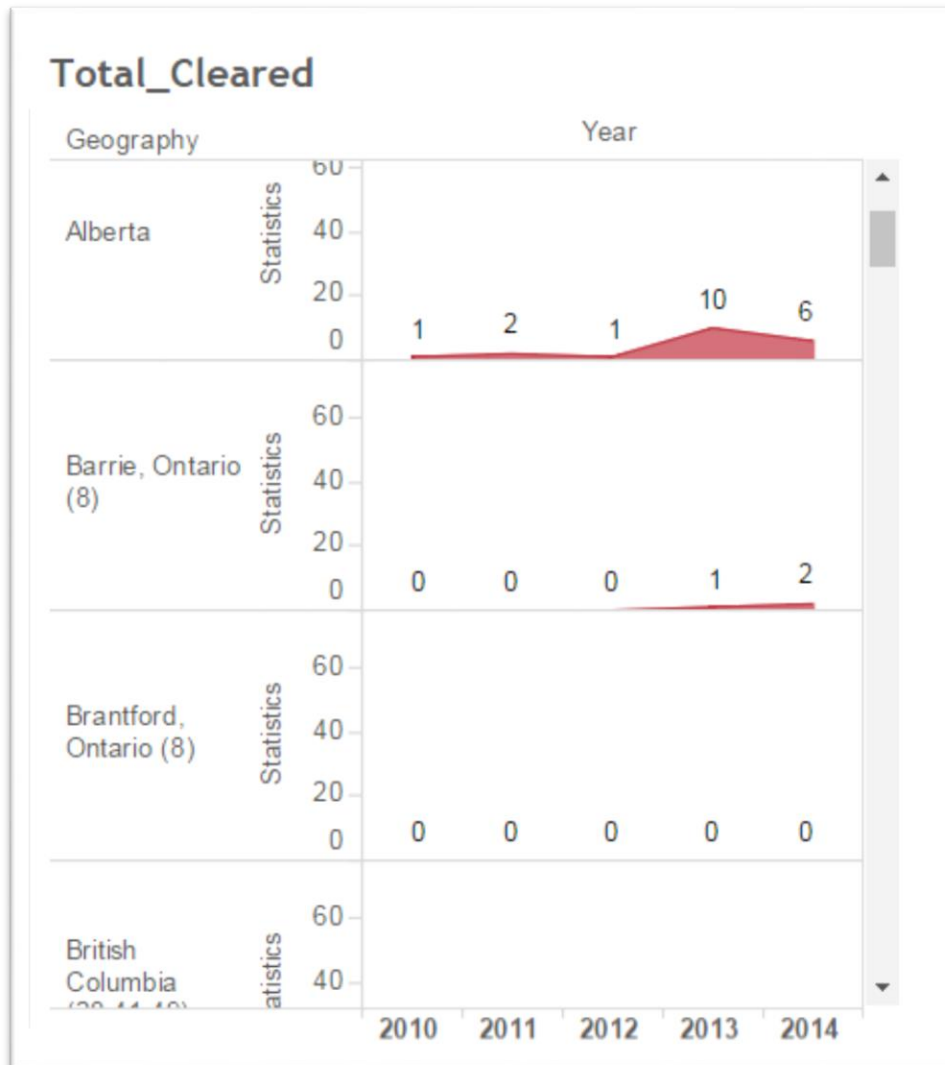
22. Name the Worksheet “Trafficking Totals” and save the Tableau workbook.

23. Open a second worksheet and repeat the steps for the numbers that break down the number of incidents per year.

24. Choose the bubble display, which looks like this:



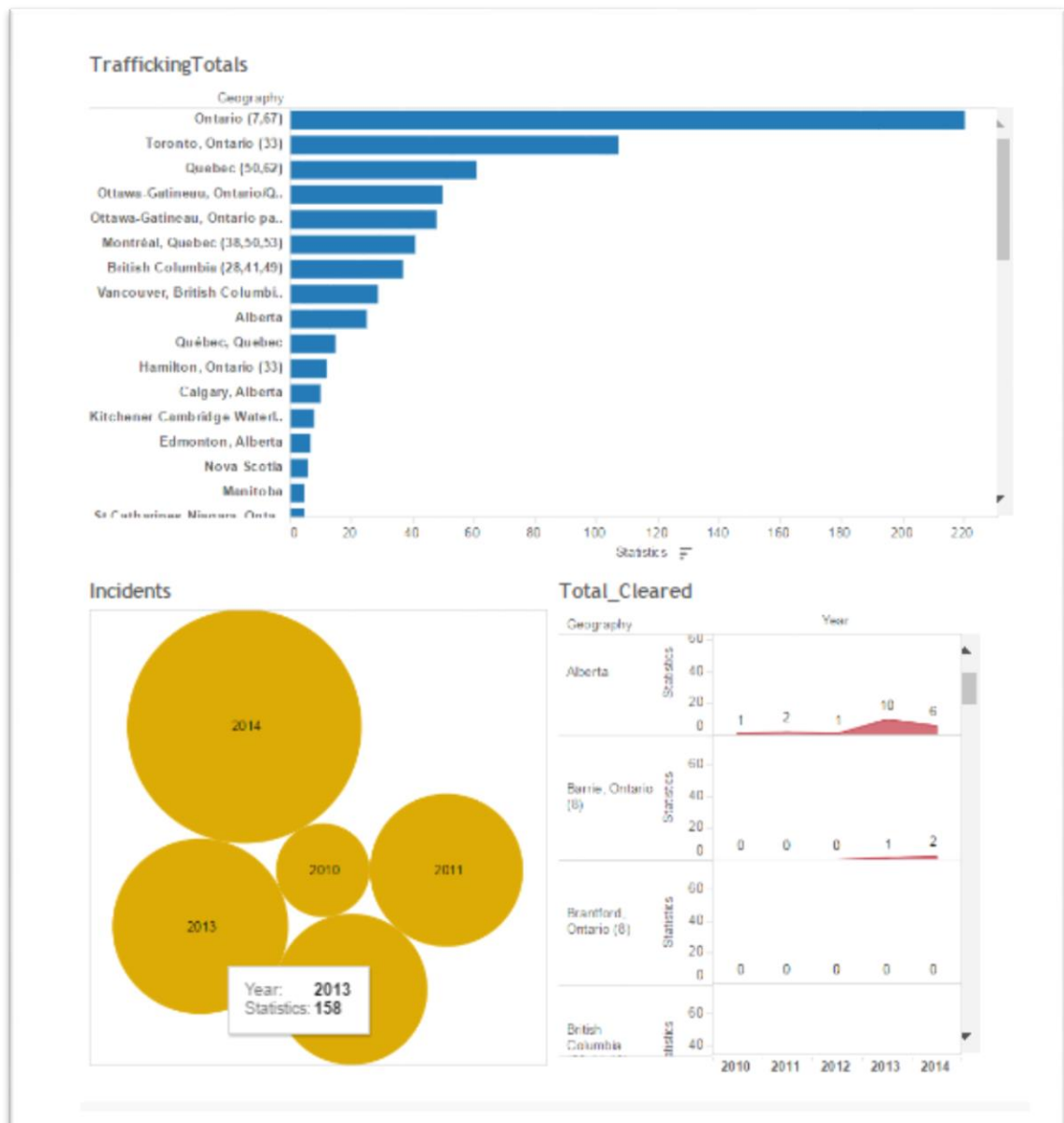
25. Open a third worksheet that shows the total number of incidents that are cleared, and visualize it as a line graph that looks like this:



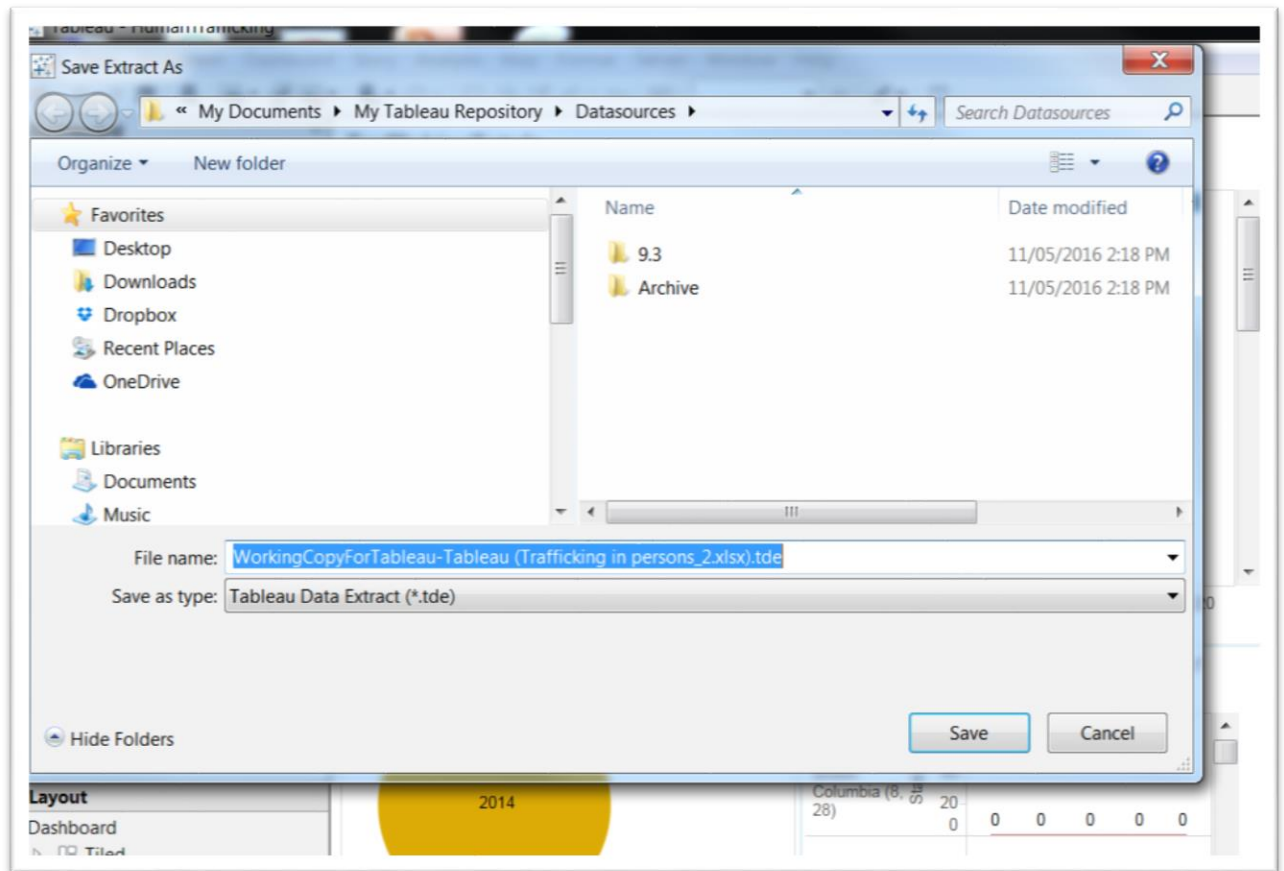
26. Finally, we will create a dashboard that brings the three tables together.

27. To learn how to create a dashboard, consult the Tableau [tutorial](#) mentioned earlier, and go to step 82.

28. Your dashboard should look something like this:

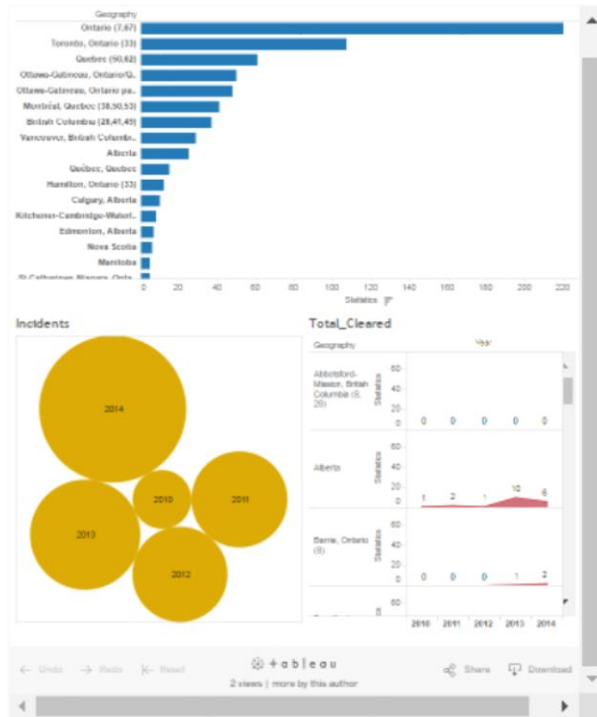


29. Browse to the file where you want to save the workbook that now has the title “Tableau Data Extract (*.tde)”



30. You can rename the file to something more manageable such as “Human_Trafficking”.

31. Now you go “Server”, “Save to Tableau Public”, and share the result.



HumanTrafficking