



Subsetting Your Data

This tutorial will show you how to download a subset in Odesi.

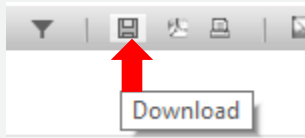
There are times when you do not wish to download the entire dataset but instead, a specific subset.

Start in the Odesi Repository.

Start in the Odesi Repository.

- Elections and Politics
 - CANADA
 - Canadian Election Study
 - 2015
 - Canadian Election Study, 2015
 - Metadata
 - Variable Description

Find a survey.
 Open up the category **Elections and Politics**.
 Choose the **Canadian Election Study**.
 Click **2015**.
 Now click on **Canadian Election Study, 2015**.



On the top right, click the disk icon **Download**.

To download the full dataset, you would click **DOWNLOAD**, but you want a subset. Click **SUBSET**.

DOWNLOAD **SUBSET**



Subset for download

Create a subset by adding variables as required.
Click 'Ok' when the subset is complete to return to the download page.



This will be where you add your variables to subset.

REMOVE SELECTED REMOVE ALL OK

Open up the variables by clicking the plus sign.
Choose **Personal Information**.
Click **Which province or territory are you currently living in?**
You can now choose to view the documentation or add it to the subset.

- Variable Description
 - Vote
 - Issues
 - Economy
 - Political Preferences
 - Political Knowledge
 - Media
 - Election
 - Government Programs
 - Federal / Provincial Government
 - Personal Information
 - StartDate
 - Are you? [This will Auto-Advance on choice]
 - Which province or territory are you currently living in? [AA]
 - Select Brown Add to subset
 - In what year were you born? [digit year] View documentation
 - What is the highest level of education that you have completed?



Clicking **View Documentation** will open up a frequency table about the data.

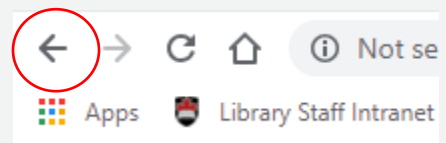
Variable province: Which province or territory are you currently living in? [AA]

LITERAL QUESTION

Which province or territory are you currently living in?

Values	Categories	N	
1	Alberta	572	7.6%
2	British Columbia	784	10.4%
3	Manitoba	260	3.5%
4	New Brunswick	172	2.3%
5	Newfoundland and Labrador	64	0.9%
6	Northwest Territories	3	0.0%
7	Nova Scotia	216	2.9%
8	Nunavut	1	0.0%
9	Ontario	2467	32.8%
10	Prince Edward Island	53	0.7%
11	Quebec	2808	37.3%
12	Saskatchewan	122	1.6%
13	Yukon	6	0.1%
998	Don't Know/Refused	0	
1000	Seen But Not Answered	8	
Sysmiss		36	

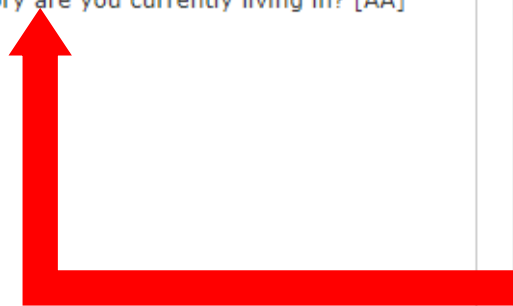
If this variable is still appropriate, you can add it to your subset.
In the top left, click **Back**.



Subset for download

Create a subset by adding variables as required.
Click 'OK' when the subset is complete to return to the download page.

Which province or territory are you currently living in? [AA]



Now when you click on the variable, choose **Add to Subset**.

The variable now shows up in the subset box.



You can add more variables as well.
Let's add *Are you a Canadian Citizen*.
Again, click the variable and click **Add to subset**.

- In what country were you born?
- Are you a Canadian Citizen?
- In what year did you immigrate to Canada? Add to subset
- To what ethnic or cultural group do you belong? Canadian View documentation
- To what ethnic or cultural group do you belong? British

Subset for download

Create a subset by adding variables as required.
Click 'Ok' when the subset is complete to return to the download page.

Which province or territory are you currently living in? [AA]
Are you a Canadian Citizen?

When you have all the variables you want, click **OK**.

You can now download your subset.
Click **OK**.
You know that you're downloading the subset since it says that the *Filter is On*.

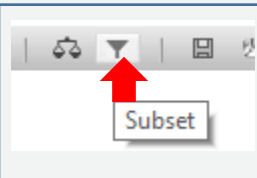
REMOVE SELECTED REMOVE ALL OK

▼ Filter is on

Now, decide if you want to download the documentation, and choose your file type and click **Download**.

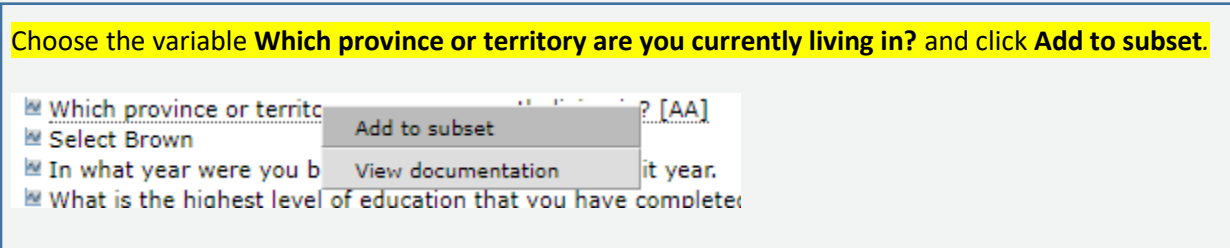


Next, we'll look at downloading a subset of specific observations.
For this example, let's gather a dataset of only Females from western provinces.

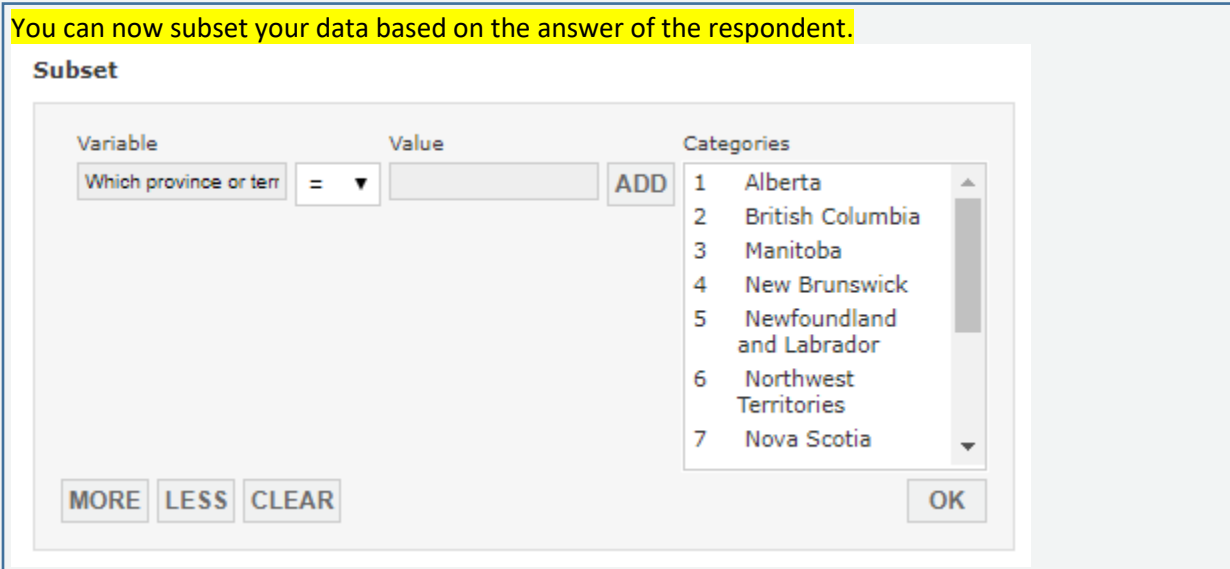


Go to the filter icon and select **Subset**.

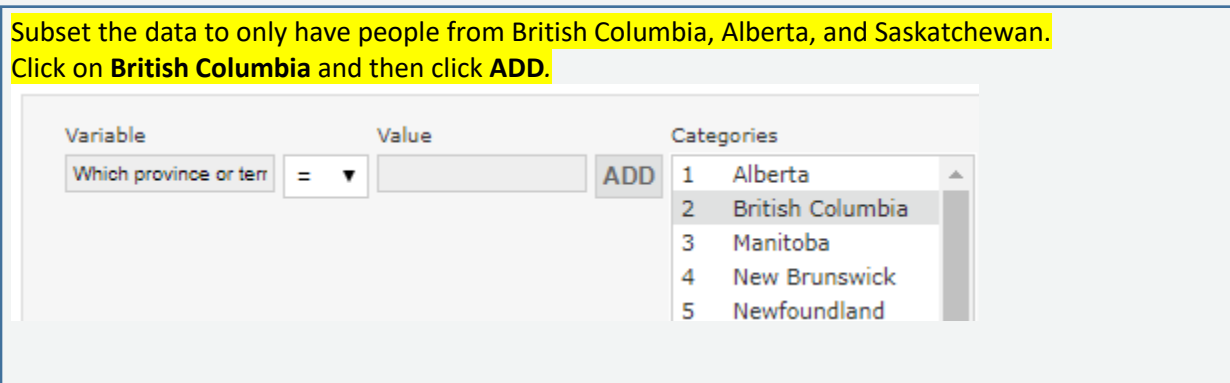
Choose the variable **Which province or territory are you currently living in?** and click **Add to subset**.



You can now subset your data based on the answer of the respondent.



Subset the data to only have people from British Columbia, Alberta, and Saskatchewan.
Click on **British Columbia** and then click **ADD**.





This would only subset respondents who currently live in British Columbia.
If you change the equal sign to less than and equal to, you will now select value 2 and value 1.

Variable		Value	
Which province or terr	<=	2	ADD
	=		
	<		
	>		
	<=		
	>=		

Value 2 corresponds to British Columbia and value 1 corresponds to Alberta.

MORE LESS CLEAR

To add Saskatchewan, click **MORE**.

and
and
or

Which province or terr =

Since we want Alberta, BC, or Saskatchewan, we need to change the **AND** to **OR**.

Variable		Value		Ca
Which province or terr	<=	2	ADD	1
or	=	12	ADD	2
				3
				4

Next, scroll down to number 12 and click **ADD**.

MORE

If you want to only look at female respondents, you can add that as well.
Again, click **MORE**.

Click the variable **Are you?** and select **Add to subset**.

- ☑ StartDate
- ☑ Are you? [This will Auto Address on choice]
- ☑ Which province or terr living in? [AA]
- ☑ Select Brown

Add to subset
View documentation



Finally, select **2 Female** and then click **Add**.

Variable	Value	Categories
Which province or terr	<= 2	1 Male
or	Which province or terr = 12	2 Female
and	Are you? [This will Au =	3 Refuse to Answer

This will now subset the dataset to only show female respondents from Alberta, BC, or Saskatchewan.

Variable	Value
Which province or terr	<= 2
or	Which province or terr = 12
and	Are you? [This will Au = 2

When you've selected all your variables, go to the top right and select **Download**.

Download

Check to make sure that the **Filter is On**, and then you can download your subsetted dataset by selecting your file format, whether you want the documentation, and clicking **DOWNLOAD**.

Click on 'Download' to start downloadin

In pdf format **DOWNLOAD**

Filter is on

For more information contact Data Services

<https://library.carleton.ca/find/data>

dataservices@carleton.ca

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