

Working with the Class Size 2017-2018 extract from Data BC

Understanding the Class Size 2017-2018 data extract	Read the following documents: <ul style="list-style-type: none">• <i>Class Size 2017-2018_definitions</i>• Ministry of Education data masking policy
How can I work with this data set in Microsoft Excel?	The following tutorials may be helpful: <ul style="list-style-type: none">• Importing text (.txt or .csv) files into Excel• Auto-filtering in Excel• Sort data in a range or table in Excel• Keeping leading zeros and large numbers in Excel

Conventions in this document

BOLDED_WITH_UNDERSCORES	Indicates a column name (for example, SUB_POPULATION)
'Text within single quotation marks'	Indicates a column value (for example, 'FEMALE')

Instructions

1. Open your local copy of the file.
2. Apply auto-filtering to the heading row. (This is not essential, but it makes it easier to work with the data when you have more than a screen's worth of rows.)
3. Use the auto-filter on the **DATA_LEVEL** column to select either 'DISTRICT LEVEL', 'PROVINCE LEVEL', or 'SCHOOL LEVEL'.
4. The **PUBLIC_OR_INDEPENDENT** column is limited to 'BC PUBLIC SCHOOL'.
5. Use either **DISTRICT_NUMBER** or **DISTRICT_NAME** to select the district whose data you want to see.
6. Use either **MINCODE** or **SCHOOL_NAME** to select the school whose data you want to see.
7. You may wish to sort one of the columns from H to O by smallest to largest or vice versa.

Sample Questions

Question:

Which school in BC had the most classes with over 30 students in 2015/2016?

Path to answer:

1. Filter **DATA_LEVEL** to 'SCHOOL LEVEL'
2. Filter **SCHOOL_YEAR** to '2015/2016'
3. Sort the values in **TOTAL_CLASSES_GREATER_30** (column K) by largest to smallest.
4. Largest value in column K = 42
5. Column G (**SCHOOL_NAME**) = Delta Secondary

Question:

What was the average class size for grades 4 to 7 in BC in 2016/2017?

Path to answer:

1. Filter **DATA_LEVEL** to 'PROVINCE LEVEL'
2. Filter **SCHOOL_YEAR** to '2016/2017'
3. Column N (**AVG_CLASS_SIZE_4_7**) = 24.5