

Working with the Class Size by Grade extract from Data BC

Understanding the Class Size by Grade data extract	Read the following documents: <ul style="list-style-type: none">• <i>Class Size by Grade_field_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• 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. The **DATA_LEVEL** column is limited to 'SCHOOL LEVEL' and the **PUBLIC_OR_INDEPENDENT** column is limited to 'BC Public School'.
4. Use either **DISTRICT_NUMBER** or **DISTRICT_NAME** to select the district whose data you want to see.
5. Use either **SCHOOL_NUMBER** or **SCHOOL_NAME** to select the school whose data you want to see.
6. Use **COURSE** to view the different course descriptions.
 - You may want search the auto-filter drop-down for a course as list may be extensive.
7. Use the auto-filter on **SCHOOL_YEAR** to select data from a specific school year (e.g. '2007/2008').

Sample Questions

In 2016/2017, how many classes in the North Vancouver school district contained a combination of Kindergarten and Grade 1 students?

Path to answer:

1. Filter **SCHOOL_YEAR** to '2016/2017'
2. Filter DISTRICT_NAME to 'North Vancouver'
3. Filter KINDERGARTEN to exclude any '0' values
4. Filter GRADE_1 to exclude any '0' values
5. 8 records are found, so answer is 8 classes.

In 2014/15, what was the highest class size count at Riverside Secondary school in Coquitlam school district?

Path to answer:

1. Filter **SCHOOL_YEAR** to '2014/2015'
2. Filter DISTRICT_NAME to 'Coquitlam'
3. Filter SCHOOL_NAME to 'Riverside Secondary'
4. Filter TOTAL to highest count option ('50')
5. Class size count = 50 in INSTRUMENTAL MUSIC 11: CONCERT BAND (01), INSTRUMENTAL MUSIC 12: CONCERT BAND, containing students in grades 10-12.