

Working with the Grade to Grade Transition extract from Data BC

Understanding the FSA data extract	Read the following documents: <ul style="list-style-type: none">• <i>Grade to grade transition_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. Use the auto-filter on the **DATA_LEVEL** column to select either 'DISTRICT LEVEL', 'PROVINCE LEVEL', or 'SCHOOL LEVEL'.
4. The next column to work with depends on which value you just selected:
 - If you selected 'PROVINCE LEVEL', use **PUBLIC_OR_INDEPENDENT** to set which schools to include in your results (public, independent, or province total).
 - If you selected 'DISTRICT LEVEL', use either **DISTRICT_NUMBER** or **DISTRICT_NAME** to select the district whose results you want to see. (Note that independent schools do not have school districts.)
 - If you selected 'SCHOOL LEVEL', use either **SCHOOL_NUMBER** or **SCHOOL_NAME** to select the school whose results you want to see.
5. Use **SUB_POPULATION** to select the grouping of interest (for example, 'ALL STUDENTS').
6. To remove all masked data ('Msk'), use the auto-filter to deselect 'Msk' from columns L to N.
7. Use the auto-filter on **BASE_YEAR** to select data from a specific school year (e.g. '2011/2012').

Sample Questions

Question:

What percentage of first-time Grade 7 students in Alternate Program facility types successfully transitioned to Grade 8 in 2016/2017?

Path to answer:

1. Filter **DATA_LEVEL** to 'PROVINCE LEVEL'
2. Filter **PUBLIC_OR_INDEPENDENT** to 'PROVINCE – Total'
3. Filter **STUDENT_GRADE_THIS_COLLECTION** to '7'
4. Filter **SUB_POPULATION** to 'ALL STUDENTS'
5. Filter **FACILITY_TYPE** to 'ALTERNATE'
6. Filter **BASE_YEAR** to '2015/2016'
7. Column N (**G2G_TRANSITION_RATE**) = 91

Question:

What percentage of first-time female Grade 10 students at standard public schools in Burnaby school district successfully transitioned to Grade 11 in 2012/2013?

Path to answer:

1. Filter **DATA_LEVEL** to 'DISTRICT LEVEL'
2. Filter **PUBLIC_OR_INDEPENDENT** to 'BC Public School'
3. Filter **STUDENT_GRADE_THIS_COLLECTION** to '10'
4. Filter **SUB_POPULATION** to 'FEMALE'
5. Filter **FACILITY_TYPE** to 'STANDARD'
6. Filter **BASE_YEAR** to '2011/2012'
7. Column N (**G2G_TRANSITION_RATE**) = 95