

## Working with the BC Schools - First Time Grade 12 Graduation Rate extract from Data BC

<b>Understanding BC Schools - First Time Grade 12 Graduation Rate data extract</b>	Read the following documents: <ul style="list-style-type: none"> <li>• <i>First Time Grade 12 Graduation Rate field definitions</i></li> <li>• <a href="#">Ministry of Education data masking policy</a></li> </ul>
<b>How can I work with this data set in Microsoft Excel?</b>	The following tutorials may be helpful: <ul style="list-style-type: none"> <li>• <a href="#">Importing text (.txt or .csv) files into Excel</a></li> <li>• <a href="#">Auto-filtering in Excel</a></li> <li>• <a href="#">Keeping leading zeros and large numbers in Excel</a></li> </ul>

### Conventions in this document

<b>BOLDED_WITH_UNDERSCORES</b>	Indicates a column name (for example, <b>SUB_POPULATION</b> )
'Text within single quotation marks'	Indicates a column value (for example, 'All Students')

### 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 the auto-filter on **SCHOOL\_YEAR** to select data from a specific school year (e.g., '2020/2021').
6. Use the **SUB\_POPULATION** column to filter by subpopulation (e.g., 'Indigenous').
7. To remove all masked data ('Msk'), use the auto-filter to deselect 'Msk' from the aggregate columns (K through O).

## Sample Questions

### Question:

In 2023/2024, which independent schools had a 100% honours first-time graduation rate for all students?

Path to answer:

1. Filter **SCHOOL\_YEAR** to '2023/2024'
2. Filter **DATA\_LEVEL** to 'School Level'
3. Filter **PUBLIC\_OR\_INDEPENDENT** to 'BC Independent School'
4. Filter **SUB\_POPULATION** to 'All Students'
5. Filter **HONOURS\_RATE** to '100'
6. Column G (**SCHOOL\_NAME**, sorted alphabetically) =

Aberdeen Hall Senior  
Aspengrove School  
Brockton Preparatory School  
Coast Mountain Academy  
Collingwood School  
Crofton House  
Diamond School  
Lions Gate Christian Academy  
Little Flower Academy  
Maria Montessori Academy  
Mulgrave School  
Phil & Jennie Gaglardi Academy  
Southpointe Academy  
St George's School  
St John's School  
St Micheals University School  
Stratford Hall  
Vancouver Waldorf School  
White Rock Christian Academy  
York House School

### Question:

In BC in 2022/2023, what was the first-time graduation rate for students with disabilities or diverse abilities at public schools?

Path to answer:

1. Filter **SCHOOL\_YEAR** to '2022/2023'
2. Filter **DATA\_LEVEL** to 'Province Level'
3. Filter **PUBLIC\_OR\_INDEPENDENT** to 'BC Public School'
4. Filter **SUB\_POPULATION** to 'Disabilities or Diverse Abilities'
5. Column M (**GRADUATION\_RATE**) = 68%