Definitions for Open Data – BC Schools - Examinations Results

Column	Definition
[Definition of extract]	This extract contains results for courses and provincial examinations needed to meet BC graduation requirements. The results are available at the school, district and province levels. The data in this table begins with school year 1996/1997.
[Technical Notes]	The data extracts are split into three documents to maintain manageable files sizes. Provincial examinations were developed by British Columbia teachers and are based on the provincial curricula for select Grade 10, 11 and 12 academic courses. Exams are typically held in November, January, April, June and August, but results within a particular SCHOOL_YEAR are only for courses that were completed up to the June exam session within that same SCHOOL_YEAR. Results included this data set are based upon graduation program requirements in place prior to implementation of the 2018 Graduation Program (see Key References).
[Key References]	**Ministry of Education: Reporting on K-12 Glossary of Terms** https://studentsuccess.gov.bc.ca/glossary If you are unsure of the definition for a term or value, check here. **Provincial Assessments and Examinations** https://www2.gov.bc.ca/gov/content/education-training/k-12/administration/program-management/assessment/provincial-exams **Handbook of Procedures** https://www2.gov.bc.ca/assets/gov/education/administration/kindergarten-to-grade-12/graduation/handbook_of_procedures.pdf **Provincial Letter Grades Order** https://www2.gov.bc.ca/assets/gov/education/administration/legislation-policy/legislation/schoollaw/e/m192_94.pdf **Graduation Requirements** https://www2.gov.bc.ca/gov/content/education-training/k-12/administration/legislation-policy/public-schools/graduation-requirements **Graduation Information for Students** https://www2.gov.bc.ca/gov/content/education-training/k-12/support/graduation
SCHOOL_YEAR (TRAX_SCHOOL_YEAR)	A twelve month period commencing on September 30 and ending the following September 29th. This is known as the TRAX graduation year. For this data set, the earliest TRAX school year is '1996/1997'.
DATA_LEVEL	Use this column to select results at the province-, district-, or school-level. Values: 'DISTRICT LEVEL', 'PROVINCE LEVEL', 'SCHOOL LEVEL'

Column	Definition
PUBLIC_OR_INDEPENDENT	Use this column to select only public schools, independent schools, or both school types. Values: 'BC Independent School' 'BC Public School' 'PROVINCE - Total' (= a rollup of both school types)
DISTRICT_NUMBER	The number of the school district or independent school authority. This value is a 3-digit string (e.g. 005, 023). However, leading zeros may be automatically removed when opening the file in Excel. See *Working with _* guide for tips on how to prevent this from happening. For the actual name of the district or authority, please see the column DISTRICT_NAME.
DISTRICT_NAME	The name of the school district or independent school authority. For the number of the district or authority, please see the column DISTRICT_NUMBER.
SCHOOL_NUMBER	The eight-digit numerical identifier assigned to the school by the Ministry of Education. This is also known as the MINCODE ("Ministry Code"). The first three digits are often the district number (geographic district number). However, leading zeros may be automatically removed when opening the file in Excel See *Working with _* guide for tips on how to prevent this from happening. For the actual name of the school, please see the column SCHOOL_NAME.
SCHOOL_NAME	The name of the school. For the number of the school, please see the column SCHOOL_NUMBER.
FACILITY_TYPE	The facility type describes the type of program offered and the way in which it is delivered. Values: 'ALL FACILITY TYPES' 'ALTERNATE' 'CONTINUING ED' 'DISTANCE ED' 'DISTRICT DISTANCE ED' 'LONG TERM PRP' 'STANDARD' 'SUMMER SCHOOL' 'YOUTH CUSTODY'

Column	Definition
SUBJECT_CATEGORY	The general subject area for the course to which the Provincial Examination was applied. These represent groups of courses, based on a common subject area. Values: 'ENGLISH' 'LANGUAGE ARTS' [The values below also appeared in the years prior to 2016/2017] 'MATHEMATICS' 'SCIENCE' 'SOCIAL STUDIES' 'UNSPECIFIED'
EXAM_SUBJECT	This is the name of the course, and is the main key field for reporting by subject.
COURSE_CODE	The code, or identifier, used for the course to which the Provincial Examination applied. This is typically the Ministry standard course code (English version), an underscore character (_), the course grade, and "_C" appended to the end (for example, 'EN_10_C').
GRADE	The grade level of the course being examined. This indicates the grade level of the course, but not necessarily that of the student. For example, the value is '10' in the case of English 10 Comb, irrespective of the indicated grade level of the students involved. Values: '10', '11', '12' [Only '12' from 2016/2017 onward]
SUB_POPULATION	Use this column to select a subset of the student population. Set this column to 'ALL STUDENTS' to see how all students performed. Values: 'ALL STUDENTS' 'ENGLISH LANGUAGE LEARNER' 'FEMALE' 'INDIGENOUS' 'MALE' 'NON ENGLISH LANGUAGE LEARNER' 'NON INDIGENOUS' 'SPECIAL NEEDS NO GIFTED' Many of these values are binary; in other words, they are mutually exclusive. The binary pairs are 'INDIGENOUS' and 'NON INDIGENOUS'; 'ENGLISH LANGUAGE LEARNER' and 'NON ENGLISH LANGUAGE LEARNER'; 'FEMALE' and 'MALE'. 'SPECIAL NEEDS NO GIFTED' includes the following Special Need categories: Category E – Visual Impairment Category F – Deaf or Hard of Hearing Category Q – Learning Disability Category H – Intensive Behaviour Intervention/Serious Mental Illness Category R – Moderate Behaviour Support/Mental Illness

Column	Definition
REQUIRED_OR_OPTIONAL	Indicates that the course and associated exam is required for graduation. In this data set all the values are 'REQUIRED'.
MARK_TYPE	The type of mark. Values: 'COURSE_MARKS' [=The best mark of a student up to the point in time when a FINAL_MARK is calculated, assigned by a teacher as a result of the student's course work.] 'EXAM_MARKS' [=The best mark of a student on a provincial examination up to the point in time when a FINAL_MARK is calculated, based on one or more writes of a particular Provincial Examination subject in any school year.] 'FINAL_MARKS' [=The final marks are usually derived from a blend of the best exam percent and the best course percent.]
NUMBER_OF_MARKS	The numbers of individual student mark results used in the calculation of the measures in columns Q through AF.
AVERAGE_PERCENT	Calculated average percentage of students' scores (SUM_OF_MARKS / NUMBER_OF_MARKS).
SUM_OF_MARKS	The sum of all marks indicated in the NUMBER_OF_MARKS.
NUMBER_OF_C_MINUS_OR_BETTER	Count of NUMBER_OF_MARKS that earned a C- grade or better (a percent score of 50% or more).
PERCENT_OF_C_MINUS_OR_BETTER	Percentage of marks that earned a C- grade or better. (NUMBER_OF_C_MINUS_OR_BETTER/NUMBER_OF_MARKS).
NUMBER_OF_A	Count of NUMBER_OF_MARKS that earned an A grade (a percent score of 86% to 100%).
PERCENT_OF_A	Percentage of marks that earned an A grade. (NUMBER_OF_A/NUMBER_OF_MARKS).
NUMBER_OF_B	Count of NUMBER_OF_MARKS that earned a B grade (a percent score of 73% to 85%).
PERCENT_OF_B	Percentage of marks that earned a B grade. (NUMBER_OF_B/NUMBER_OF_MARKS).
NUMBER_OF_C_PLUS	Number of marks that earned a C+ grade (a percent score of 67% to 72%).
PERCENT_OF_C_PLUS	Percentage of marks that earned a C+ grade. (NUMBER_OF_C_PLUS/NUMBER_OF_MARKS).
NUMBER_OF_C	Number of marks that earned a C grade (a percent score of 50% to 59%).
PERCENT_OF_C	Percentage of marks that earned a C grade. (NUMBER_OF_C/NUMBER_OF_MARKS).
NUMBER_OF_C_MINUS	Number of marks that earned a C- grade (a percent score of 50% to 59%).
PERCENT_OF_C_MINUS	Percentage of marks that earned a C- grade. (NUMBER_OF_C_MINUS/NUMBER_OF_MARKS).
NUMBER_OF_F	Number of marks that earned an F grade (a percent score of below 50%).
PERCENT_OF_F	Percentage of marks that earned an F grade. (NUMBER_OF_F/NUMBER_OF_MARKS).