

RCV Export File Formats

This document explains the export format available for exporting Ranked Choice Voting results.

RCR File Format

The file format for Ranked Choice Voting results is RCR. This text file may be used to view Ranked Choice Voting results, as in the example below.

	A	B	C	D	E
1		1	5	212	2
2	2 Councillor Ward 1				
3	Candidate ONE				
4	Candidate TWO				
5	Candidate THREE				
6	Candidate FOUR				
7	Candidate FIVE				
8		1 1-1 St. Andrew Memorial Anglican Church			
9		2 1-2 Chelsea Green Community Church			
10		3 1-3 St. Sebastian Catholic School			
11		4 1-4 London Seventh-day Adventist Church			
12		5 1-5 Crouch Library			
13		6 1-6 Dutch Canadian Society Hall			
14		7 1-7 Bob Hayward YMCA			
15		8 1-8 Fairmont United Community Church			
16		9 1-9 Trafalgar Public School			
17		10 1-10 SP - Maple Village Residence			
18		11 1-11 Bethel Christian Reformed Church			
19		12 1-12 Hamilton Road Seniors' Centre & Community Centre			

Figure 1: Example RCR text file for Ranked Choice Voting Results in Excel

1. The first line contains four numbers separated by a tab character:
 - Number of seats to elect
 - Number of candidates in the file
 - Number of precincts (Polling Locations)
 - Number of counting groups (Election Day and Advance)
2. The second line contains the contest name.
3. In the candidate name lines below, note the number of candidate lines must match the specified number of candidates.
4. Below, note that the number of precinct lines must match the specified number of precincts. Each precinct line contains two values separated by a tab character:
 - Precinct (Polling) number
 - Precinct (Polling location) name
5. Next, in the counting group lines, note that the number of counting group lines must match the specified number of counting groups. Each counting group line contains two values separated by a tab character:
 - Counting group number
 - Counting group name

6. All the other lines are showing rankings and their count per precinct. Each line contains a list of numbers separated by a tab character:
- Precinct number (the same number used in the precinct lines).
 - Counting group number (the same number used in the counting group lines).
 - Ballot count: the number of times this ranking pattern was used within this precinct and counting group (Frequency).
 - The remaining numbers are ranked candidates. Each number refers to a candidate in the order that they are defined in the list.
 - An over-voted ranking will include all ranked candidates separated with the '=' character.