



State election 2022

Availability of Results Information During Electronic Counting – Region

State of Victoria (Victorian Electoral Commission)
November 2022

Version 1.0



This work, Availability of Results Information During Electronic Counting – Region, is licensed under a Creative Commons Attribution 4.0 licence [<http://creativecommons.org/licenses/by/4.0/>]. You are free to share this work under that licence, on the condition that you do not change any content and you credit the State of Victoria (Victorian Electoral Commission) as author and comply with the other licence terms. The licence does not apply to any branding, including Government logos.

Contents

Reports available during data entry	2
First preference votes counted report	2
Computer count results for Legislative Council	3
Ballot paper details report.....	3
Reports available after calculation	3
First preference votes counted report	3
Ticket allocation report	4
Distribution report	4
Ballot paper details report.....	4
Region votes received (details) report	4
Example A: <i>First preference votes counted</i> report	5
Example B: <i>Computer count results for Legislative Council</i> report	6
Example C: <i>Ballot paper details</i> report	7
Example D: <i>Ticket allocation</i> report	10
Example E: <i>Distribution</i> report	11

Part 1: Available reports

During computerised counts for the Legislative Council, certain reports are made available to scrutineers throughout the course of data entry, and to scrutineers, candidates and other interested parties following the calculation of the result.

The reports that are available during data entry are:

- *First preference votes counted*
- *Computer count results for Legislative Council*
- *Ballot paper details*

The reports that are available following the calculation of the result are:

- *First preference votes counted*
- *Ticket allocation report*
- *Distribution report*
- *Ballot paper details*
- *Region votes received details*

Reports available during data entry

First preference votes counted report

During the data entry phase of the computer count, a hard copy report detailing progressive below-the-line (BTL) first preference results for each candidate will be made available to scrutineers.

The *First Preference votes counted* report (see Example A in Part 2) will be generated and displayed on each day of data entry at the intervals shown below. These reports will be posted in a central location at the centralised computer count venue for scrutineers to view.

Daily data entry duration	Generation frequency
Less than 1 hour	Generated at end of data entry only
1 to 3 hours	Generated at 1.5 hours and at end of data entry
Longer than 3 hours	Generated at 1.5 hours, and then every 3 hours of data entry (at a minimum)

During computer counts for the Legislative Council, all BTL ballot papers go through 2 rounds of data entry. This report will also be generated and displayed at the end of both round 1 and round 2 of data entry.

Important: only first preference data from the primary and recheck counts, which are conducted manually prior to the data entry of BTL ballot papers, will be progressively available from the VEC website. This will include first preference totals for groups above-the-line (ATL), as well as for groups and ungrouped candidates BTL, and informal votes. First preference BTL data for candidates from the computer count will not update progressively to the VEC website, but will become available when the final results are published to the website following the calculation of results for each region.

Computer count results for Legislative Council

The *Computer count results for Legislative Council* report (see Example B in Part 2) will be generated and displayed at the end of round 2 data entry, once ATL and informal adjustments have been made (adjustments are required where BTL ballot papers are found during data entry to either be informal, or informal BTL but formal ATL). This reports will be posted in a central location at the centralised computer count venue for scrutineers to view.

This report shows a breakdown of ATL/BTL votes received by each group/ungrouped candidate, the percentage of formal votes received by each group/ungrouped candidate, the indicative seats as at that stage of the count, and a summary of all votes received for the region.

Ballot paper details report

The *Ballot paper details* report (see Example C in Part 2) will be generated during data entry for use in any quality assurance procedures or when an audit of a batch is required. This shows the preferences recorded for each ballot paper for a defined batch range.

Scrutineers at the computer count can request a copy of this report, which is a comma delimited text file (.csv file), at the conclusion of round 1 and round 2 data entry. Scrutineers will need to provide their email address to the team leader in order for the file to be emailed to them.

Reports available after calculation

First preference votes counted report

Following the calculation of the results for each region, the final version of this report will be printed and made available to scrutineers, candidates and other interested parties. Final first preference results will also be available from the VEC website.

Ticket allocation report

The *Ticket Allocation Report* will be made available to scrutineers, candidates and other interested parties following the calculation. The report shows how ballot papers marked ATL have been allocated to the registered ticket or tickets for each group. The report shows the group name, the ticket number, number of ATL ballot papers for the group and the preferences applicable to that ticket (see Example D in Part 2).

Distribution report

The *Distribution Report* will be made available to scrutineers, candidates and other interested parties following the calculation. The report will detail all distributions of preferences (see Example E in Part 2).

Ballot paper details report

Following the declaration of results, the VEC will also make available upon request a copy of this report containing the preferences for formal ballot papers entered into the computer count application for the requested region.

Region votes received (details) report

Following the declaration of results, the VEC will also make available upon request a copy of this report containing the first preference votes allocated to each candidate below the line and each group above the line (for each voting location/vote type for each district in a region). Note that due to the size of this report, no example is included in Part 2.

Part 2: Examples

Example A: *First preference votes counted* report

Date: 05/12/2022

Time: 14:45

State Election 2022

Eastern Victoria Region

First Preference Vote Count - Computer Count

Batch Range. 1 to 5

Candidate Name	Votes
GILLESPIE, Dizzy	12
ARMSTRONG, Louis	5
JACKSON, Milt	3
LEWIS, John	0
HANCOCK, Herbie	0
Total	20

Example B: *Computer count results for Legislative Council* report

Computer Count Results for Legislative Council

Print Date/Time: 17/11/2022 12:29:56PM

State Election 2022 Eastern Victoria Region

Group Name	ATL/BTL	Number of Votes	% Formal Votes	Indicative Seats	% All Votes
GROUP A					
	ATL	13,088	2.80%		2.69%
	BTL	2,007	0.43%		0.41%
	Total	15,095	3.23%	0.19	3.11%
GROUP B					
	ATL	2,529	0.48%		0.46%
	BTL	363	0.08%		0.07%
	Total	2,622	0.56%	0.03	0.54%
GROUP C					
	ATL	17,622	3.77%		3.63%
	BTL	1,223	0.26%		0.25%
	Total	18,856	4.03%	0.24	3.88%
GROUP D					
	ATL	5,334	1.14%		1.10%
	BTL	888	0.19%		0.18%
	Total	6,222	1.33%	0.08	1.28%
GROUP E					
	ATL	3,521	0.75%		0.72%
	BTL	634	0.14%		0.13%
	Total	4,155	0.89%	0.05	0.85%
GROUP F					
	ATL	2,293	0.49%		0.47%
	BTL	359	0.08%		0.07%
	Total	2,652	0.89%	0.03	0.55%
UNGROUPED					
	ATL	0	0.00%		0.00%
	BTL	499	0.11%		0.10%
	Total	499	0.11%	0.01	0.10%
Totals For Region	ATL	44,128	7.56%	1	9.08%
	BTL	5,973	1.28%		1.23%
	Total Formal Region Votes	50,101			10.31%
	Total Informal Region Votes	18,419			3.79%
	Total Region Votes	486,030			

Example C: *Ballot paper details* report

Date:05/12/2022

Time:15:10

State Election 2022

Eastern Victoria Region

Ballot Paper Details – Report

Total formal batches included in report: 4

Total informal batches included in report: 0

Batch No. 1

Ballot Paper Preferences Recorded Against Candidates in Ballot Paper Order

1	1	2	4	3	5
2	1	2	4	3	5
3	1	2	4	3	5
4	1	2	4	3	5
5	1	2	4	3	5
6	1	2	4	3	5
7	1	2	4	5	3
8	1	2	4	5	3
9	1	2	4	5	3
10	1	2	4	5	3

Batch No. 2

Ballot Paper Preferences Recorded Against Candidates in Ballot Paper Order

1	1	2	4	5	3
2	1	2	4	5	3
3	3	1	2	4	5
4	5	1	2	4	3
5	5	1	2	3	4
6	4	1	2	3	5
7	4	1	2	3	5
8	2	3	1	4	5
9	5	4	1	3	2
10	5	4	1	3	2

Batch No. 3

Ballot Paper Preferences Recorded Against Candidates in Ballot Paper Order

1	5	4	1	3	2
2	5	4	1	3	2
3	5	4	1	3	2
4	3	4	5	1	2
5	3	4	5	1	2
6	3	4	5	1	2
7	3	4	5	1	2
8	3	4	5	1	2
9	3	4	5	1	2
10	3	4	5	1	2

Batch No. 4

Ballot Paper Preferences Recorded Against Candidates in Ballot Paper Order

1	3	4	5	1	2
2	3	4	5	1	2
3	3	4	5	1	2
4	3	4	5	2	1
5	3	4	5	2	1
6	3	4	5	2	1
7	3	4	5	2	1
8	3	4	5	2	1
9	3	4	5	2	1
10	3	4	5	2	1

Note: Column 1 = the ballot paper number (maximum number of ballot papers in a BTL batch is 50. ATL batches will be for the number of ATL votes allocated). Preferences are detailed in subsequent columns against candidates in ballot paper order. If the candidate did not receive a preference, the column will be blank.

Example D: *Ticket allocation* report

Ticket Allocation Report

State Election 2022 - North-Eastern Metropolitan Region

Printed: 17/11/2022 12:42 PM

Group Name	Ticket Nbr	Ballot Papers	Preferences
Group A	1	16,370	1,2,11,12,23,24,29,30,3,4,31,32,36,37,38,33,
Group B	1	1,533	7,8,1,2,11,12,29,30,3,4,31,32,33,34,35,36,37,
Group C	1	977	13,14,9,10,1,2,35,36,7,8,23,24,25,26,27,30,3
Group D	1	1,038	38,39,44,45,42,43,1,2,21,22,33,34,35,36,37,
Group E	1	2,189	5,6,29,30,21,22,19,20,1,2,36,37,38,39,40,41,
Group F	1	144,382	12,13,44,45,8,9,42,43,20,21,1,2,3,4,5,32,33,
Group G	1	141,498	31,32,44,45,37,38,23,24,6,7,39,40,41,42,43,
Group H	1	6,230	9,10,26,27,16,17,35,36,5,6,29,28,13,20,21,3
Group I	1	8,547	38,39,42,43,40,41,13,14,5,6,33,34,35,36,37,
Group J	1	9,235	11,12,29,30,25,26,27,28,3,4,31,32,40,33,34,
Group K	1	4,458	5,6,17,18,15,16,27,28,3,4,29,34,35,36,37,30,
Group L	1	3,029	11,12,44,45,36,37,34,35,13,14,25,26,27,28,2
Group M	1	2,452	13,14,25,26,9,10,42,43,3,4,37,38,39,40,41,3
Group N	1	2,002	7,8,17,18,19,20,21,22,3,4,41,42,43,44,45,36,
Group O	1	145	17,18,29,30,21,22,27,28,3,4,31,32,33,34,35,
Group P	1	2,539	11,12,44,45,36,37,34,35,13,14,25,26,27,28,2
Group Q	1	28,716	37,38,44,45,31,32,6,7,14,15,39,40,41,42,43,

Example E: *Distribution report*

Distribution Report

Print Date/Time: 29/10/2022 09:28:20PM

State Election 2022

South-Eastern Metropolitan Region

Election of 5 Members

Formal Ballot Papers included in count: 1275

Informal Ballot Papers: 16

Total Ballot Papers: 1291

Quota: 213

Count No.	Count Details	Transfer Value	Candidates								Gain/Loss	Exhausted	TOTAL	Candidates elected at this count
			CANDIDATE, A	CANDIDATE, B	CANDIDATE, C	CANDIDATE, D	CANDIDATE, E	CANDIDATE, F	CANDIDATE, G					
1	1st Preferences Surplus of CANDIDATE, F, 401 ballot papers distributed	1		231	187	149	139	84	401	104		0	1275	CANDIDATE, F CANDIDATE, A
2		0.46882793	BPs	0	44	108	112	61	-401	76		0		
			Value	0	20	50	52	28	-188	35	3	0		
			PTotal	231	187	199	191	112	213	139	3	0	1275	
3	Surplus of CANDIDATE, A, 231 ballot papers distributed	0.07792207	BPs	-231	45	69	38	56	0	23		0		
			Value	-18	3	5	2	4	0	1	3	0		
			PTotal	213	190	204	193	116	213	140	6	0	1275	
4	Exclusion of CANDIDATE, E, 84 ballot papers from count 1	1	BPs	0	12	29	21	-84	0	22		0		
			Value	0	12	29	21	-84	0	22	0	0		
			PTotal	213	202	233	214	32	213	162	6	0	1275	CANDIDATE, C CANDIDATE, D
5	Exclusion of CANDIDATE, E, 61 ballot papers from count 2	0.46882793	BPs	0	19	0	0	-61	0	34		8		
			Value	0	8	0	0	-28	0	15	2	3		
			PTotal	213	210	233	214	4	213	177	8	3	1275	
6	Exclusion of CANDIDATE, E, 56 ballot papers from count 3	0.07792207	BPs	0	30	0	0	-56	0	17		9		
			Value	0	2	0	0	-4	0	1	1	0		
			PTotal	213	212	233	214	0	213	178	9	3	1275	
7	Surplus of CANDIDATE, C, 355 ballot papers distributed	0.05833802	BPs	0	134	-355	0	0	0	182		39		
			Value	0	7	-20	0	0	0	10	1	2		
			PTotal	213	219	213	214	0	213	188	10	5	1275	CANDIDATE, B

