

Precinct Summability

Precinct Summability is the ability to independently determine the outcome of an election based solely on tallies published at each polling location on the evening of an election after polls close. The tallies from every polling place can be summed to determine the outcome of the election for the entire district of the elected office.

Precinct Summability means decentralization of the tabulation of the vote. If it is necessary that individual ballot data be opaquely transported from all of the polling places to a central tabulation location to count votes and identify the winner of an election, that is not Precinct Summable and lacks in process transparency.

For a particular election method, if the number of summable tallies is so large as to be considered unfeasible to publish at the polling location, that method is not Precinct Summable.

Number of tallies (precinct subtotals) necessary to publish at each polling place

Number of candidates on ballot	First Past The Post	Hare RCV	Condorcet RCV
2	2	2	2
3	3	9	6
4	4	40	12
5	5	205	20
6	6	1236	30