



2021 Coordinated Election Risk-limiting Audit Discrepancy Report

The attached report represents the discrepancies reported by audit boards during the 2021 Coordinated Election. It is generated using the Colorado Risk-limiting Audit Software with annotations by the Voting Systems team in the Colorado Secretary of State's office. For the original version of the report used, see the contest_comparison report (Round 2) on the Audit Center of the Secretary of State's website.

This report contains the following columns:

- county_name – The county that audited the ballot on which the discrepancy occurred
- contest_name – The contest on the ballot that had the discrepancy
- imprinted_id – This is the unique number assigned to each ballot. In the Democracy Suite voting system the imprinted_id is a three-part number (X-XXX-XXX). The first part represents the tabulator the ballot was tabulated on. The second part represents the batch number of that tabulator. The third part represents the ballot position within the batch. The ClearVote system uses a similar notation, with the addition of a notation for the election added. Rows are also colored or not to show discrepancies that are on the same ballot, but in different contests.
- choice_per_voting_computer – The choice that was tabulated by the voting system according to the cast vote record
- audit_board_selection – The choice that was reported by the audit board
- Target Contest – Denotes if it is a target contest for the audit (also represented by red text)
- Discrepancy Reason – The Voting Systems team determination on the most probable reason for the discrepancy.

After the audit has concluded, counties are required to send images of each ballot that had a discrepancy (regardless of it being a targeted contest or not). The Voting Systems team at the Secretary of State's office then compares the images to reports to try to determine the most likely reason for the discrepancy. In the 2021 Coordinated Election the following reasons were most likely responsible for all discrepancies:

- Audit Board Error – The audit board entered incorrect information which did not accurately represent the voter markings.
- Wrong ballot – The audit board retrieved a different ballot than the ballot required by the RLA software, and therefore entered in incorrect choices

- Voting System Limitation – A narrow circumstance where the voting system tabulates a vote for a selection the voter corrected because the voter did not choose a different choice in the contest. (A different selection would result in an overvote and the system would out-stack the ballot for adjudication by election judges.) In this case, the voting system is incapable of discerning true voter intent.
- Ambiguous Voter Intent – The voter marked their ballot in a way that is not easy to interpret. Because of this ambiguity the adjudication judges and audit board disagreed about how the voter's intent should be interpreted.
- Voter Mistake – The voter marked their ballot in a way that was contrary to on-ballot instructions that resulted in the voting system incorrectly determining voter intent. For example, the voter marked certain races outside of the target areas of certain choices.
- Adjudication Error – When the ballot was presented for adjudication during tabulation, the bipartisan team of adjudication judges did not correctly adjudicate the ballot according to the Secretary of State's Voter Intent Guide.

The reasons for the discrepancies are an interpretation by the Voting Systems team based on the ballot image as well as some supporting data found in the audit reports or provided by county staff. It is not definitive. Likewise, this list of types of discrepancies is not exhaustive, but are the only types that were found by the Voting Systems team in this election.

county_name	contest_name	imprinted_id	choice_per_voting_computer	audit_board_selection	Discrepancy Reason
Adams	Proposition 119 (STATUTORY)	6-173-83		"No/Against"	Ambiguous Voter Intent
Adams	City of Westminster Ballot Question 3H	6-274-50	"Against"	"For"	Ambiguous Voter Intent
Alamosa	City of Alamosa Mayor	2-132-18	"Ty Coleman"		Voting System Limitation
Arapahoe	Amendment 78 (CONSTITUTIONAL)	9-182-64	"Yes/For"	"No/Against"	Audit Board Error
Arapahoe	Englewood School District School Board Director 4	9-291-72	"Julie Hoag", "Andy Szekeres"	"Julie Hoag"	Voting System Limitation
Arapahoe	School Board Director - District D	9-336-62	"Schume Navarro"		Voting System Limitation
Baca	Amendment 78 (CONSTITUTIONAL)	4-21-14		"Yes/For"	Voter Mistake
Broomfield	Proposition 120 (STATUTORY)	2-257-12	"No/Against"	"Yes/For"	Audit Board Error
Broomfield	Boulder Valley School District RE-2 Director District B (4 Years)	2-574-2	"Nicole Rajpal"	"Nicole Rajpal", "William Hamilton"	Audit Board Error
Broomfield	Jefferson County R-1 School District Director District 1	2-629-1	"Jeffrey Wilhite"	"Jeffrey Wilhite", "Danielle Varda"	Audit Board Error
Broomfield	Amendment 78 (CONSTITUTIONAL)	2-806-16		"No/Against"	Audit Board Error
Broomfield	Boulder Valley School District RE-2 Director District B (4 Years)	2-972-16	"Nicole Rajpal"	"Nicole Rajpal", "Sky Van Horn"	Audit Board Error
Chaffee	Amendment 78 (CONSTITUTIONAL)	2-33-62		"No/Against"	Adjudication Error
Chaffee	Buena Vista School District Director - District D	2-33-62		"Erik Phillips"	Adjudication Error
Cheyenne	Amendment 78 (CONSTITUTIONAL)	4-25-22	"No/Against"	"Yes/For"	Wrong Ballot
Costilla	Amendment 78 (CONSTITUTIONAL)	3-24-7		"No/Against"	Audit Board Error
Costilla	Costilla County Ballot Measure 1A	3-4-12		"No/Against"	Audit Board Error
Costilla	Proposition 120 (STATUTORY)	3-4-12		"No/Against"	Audit Board Error
Costilla	Proposition 119 (STATUTORY)	3-35-3	"No/Against"	"Yes/For"	Audit Board Error
Dolores	Dolores - Proposition 120 (STATUTORY)	2-13-7		"Yes/For"	Voting System Limitation
Dolores	Dolores County School District RE-2J Ballot Issue 5B: General Obligation	2-30-20		"Yes/For"	Wrong Ballot
Dolores	Proposition 119 (STATUTORY)	2-30-20		"Yes/For"	Wrong Ballot
Douglas	City of Aurora Council Member At-Large	1-COORD-0052-13	"Danielle Jurinsky", "Dustin Zvonek"	"Danielle Jurinsky"	Audit Board Error
Douglas	Douglas County School Board Director, District G	1-COORD-0132-17	"Kaylee Winegar"	"Krista Holtzmann"	Audit Board Error
Douglas	Douglas County School Board Director, District G	1-COORD-0153-56	"Krista Holtzmann"	"Kaylee Winegar"	Audit Board Error
Douglas	Douglas County School Board Director, District G	1-COORD-0302-75	"Kaylee Winegar"	"Krista Holtzmann"	Audit Board Error
El Paso	Amendment 78 (CONSTITUTIONAL)	6-218-79	"Yes/For"	"No/Against"	Wrong Ballot
El Paso	Colorado Springs School District 11 Director - 2 Year Term	6-218-79	"Shawn Gullixson"	"Al Loma"	Wrong Ballot
Elbert	Proposition 120 (STATUTORY)	1-131-7	"Yes/For"		Voting System Limitation
Fremont	CANON CITY AREA METROPOLITAN RECREATION AND PARK DISTRICT I	2-239-1		"No/Against"	Audit Board Error
Fremont	City of Canon City Council Member - District 1	2-74-21	"Frank Jaquez"	"Andrea Stein "	Audit Board Error
Mesa	Proposition 119 (STATUTORY)	6-6071-10		"Yes/For"	Audit Board Error
Moffat	Moffat County Health Service District Director - 4-year term	2-53-2	"Nichole Becker", "Clint J Jantz", "Ryan Lane Hess"	"Nichole Becker", "Clint J Jantz"	Voting System Limitation
Moffat	Moffat County Health Service District Ballot Question 6A	2-65-14		"No/Against"	Adjudication Error
Montezuma	Montezuma School District Director-District A	1-145-10	"Cody Wells"		Voting System Limitation
Prowers	City of Lamar Councilman-Ward 3	2-75-15	"Mike Bellomy"		Voting System Limitation
Routt	South Routt School District RE3 Director - District 3	102-146-2	"James Hoff"		Voting System Limitation
Weld	Weld County School District 6 Board of Education School Director	1-70-47	"Rob Norwood", "Michael Mathews"	"Rob Norwood"	Voting System Limitation