

Ranked-Choice Voting Tally

November 8, 2022 – General Election



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What Happened?

The Registrar of Voters (ROV) learned that its Ranked-Choice Voting (RCV) tally system was not configured properly for the November 8, 2022, General Election. It should have been configured to advance ballots to the next ranking immediately when no candidate was selected for a particular round. This means that if no candidate was selected in the first round on the ballot, the second-round ranking would count as the first-round ranking, the third-round ranking would count as the second-round ranking, and so on.

The Registrar of Voters has notified the City of Oakland, Oakland Unified School District, District #4 School Director candidates, and the Secretary of State. The Registrar of Voters is currently working with its vendor to provide safeguards so that this does not happen in future elections.

Explanation

- The RCV algorithm was incorrectly configured to suspend 1st Choice selections left blank
- The image below shows a 1st Choice column left blank

FOR SCHOOL DIRECTOR, DISTRICT 4 / PARA DIRECTOR DE ESCUELA, DISTRITO 4					
Fill in no more than 1 oval per candidate / No llene más de 1 óvalo por candidato					
	1st Choice 1ra. Selección ↓	2nd Choice 2da. Selección ↓	3rd Choice 3ra. Selección ↓	4th Choice 4ta. Selección ↓	5th Choice 5ta. Selección ↓
MIKE HUTCHINSON Oakland Schoolboard Director Director de Junta Escolar de la Ciudad de Oakland	<input type="radio"/> 1	<input checked="" type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5
PECOLIA MANIGO Executive Director/Parent Directora Ejecutiva/Madre de Familia	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input checked="" type="radio"/> 4	<input type="radio"/> 5
NICK RESNICK CEO/Credentialed Teacher CEO/Maestro Acreditado	<input type="radio"/> 1	<input type="radio"/> 2	<input checked="" type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5
Write-in / Por Escrito	<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input type="radio"/> 5

Since the algorithm was set incorrectly, the example above is counted as a suspended ballot instead of a vote for Mike Hutchinson.

Explanation

- Incorrect configuration suspended 235 ballots in the Oakland USD School Director, District 4 race.
- The following table displays each candidate's votes within the 235 suspended ballots:

Candidate Name	Suspended Ballots
MIKE HUTCHINSON	115
PECOLIA MANIGO	37
NICK RESNICK	61
OVERVOTES	22

Explanation

With 235 suspended ballots not included in the vote totals, **Mike Hutchinson** has the fewest amounts of votes and is eliminated from the contest.

With the 235 suspended ballots included in the vote totals, **Pecolia Manigo** has the fewest votes and is eliminated.

Table A

Table B

Incorrect

Correct

Round 1 - Not including Suspended ballots

Round 1 - The 235 Suspended ballots are counted

Candidate	Votes	Percentage	Action
MIKE HUTCHINSON	8112	30.94%	Mike is eliminated due to having the fewest votes.
PECOLIA MANIGO	8153	31.10%	
NICK RESNICK	9954	37.96%	

Candidate	Votes	Percentage	Action
MIKE HUTCHINSON	8227	31.13%	
PECOLIA MANIGO	8190	30.99%	Pecolia is eliminated due to having the fewest votes.
NICK RESNICK	10015	37.89%	

235 Suspended Ballots.

Round 2

Round 2

Candidate	Votes	Percentage	Action
MIKE HUTCHINSON	0	0.00%	
PECOLIA MANIGO	11753	48.76%	
NICK RESNICK	12352	51.24%	After votes are transferred, Nick has the most votes.

Candidate	Votes	Percentage	Action
MIKE HUTCHINSON	12421	50.52%	After votes are transferred, Mike has the most votes.
PECOLIA MANIGO	0	0.00%	
NICK RESNICK	12165	49.48%	

Table A shows the certified results using the incorrect RCV configuration.

Table B shows the correct results using the correct RCV configuration.

Outcome

After reviewing the election data and applying the correct configuration, the ROV learned that only one outcome was affected: Oakland School Director, District 4, for the Oakland Unified School District. **No other result for any RCV election in any jurisdiction was changed.**

Below is an example of the City of Oakland Mayor vote totals where the outcome did not change for the November 8, 2022, General Election.

Incorrect vs. Correct Configuration

Incorrect

Round 1 - Not including Suspended ballots

Candidate	Votes	Percentage	Action
SENECA SCOTT	3745	2.98%	
GREGORY HODGE	5798	4.62%	
LOREN MANUEL TAYLOR	41510	33.07%	
PETER Y. LIU	960	0.76%	
SHENG THAO	39909	31.79%	
IGNACIO DE LA FUENTE	12893	10.27%	
ALLYSSA VICTORY VILLANUEVA	10949	8.72%	
JOHN REIMANN	1268	1.01%	
TYRON C. JORDAN	863	0.69%	Tyron is eliminated due to having the fewest votes.
TREVA D. REID	7627	6.08%	

810 Suspended Ballots.

Round 9

Candidate	Votes	Percentage	Action
SENECA SCOTT	0	0.00%	
GREGORY HODGE	0	0.00%	
LOREN MANUEL TAYLOR	56529	49.70%	
PETER Y. LIU	0	0.00%	
SHENG THAO	57206	50.30%	After votes are transferred, Sheng has the most votes.
IGNACIO DE LA FUENTE	0	0.00%	
ALLYSSA VICTORY VILLANUEVA	0	0.00%	
JOHN REIMANN	0	0.00%	
TYRON C. JORDAN	0	0.00%	
TREVA D. REID	0	0.00%	

Correct

Round 1 - 810 Suspended ballots are included

Candidate	Votes	Percentage	Action
SENECA SCOTT	3789	3.00%	
GREGORY HODGE	5857	4.64%	
LOREN MANUEL TAYLOR	41665	33.02%	
PETER Y. LIU	976	0.77%	
SHENG THAO	40031	31.72%	
IGNACIO DE LA FUENTE	12998	10.30%	
ALLYSSA VICTORY VILLANUEVA	11023	8.74%	
JOHN REIMANN	1287	1.02%	
TYRON C. JORDAN	876	0.69%	Tyron is eliminated due to having the fewest votes.
TREVA D. REID	7685	6.09%	

Round 9

Candidate	Votes	Percentage	Action
SENECA SCOTT	0	0.00%	
GREGORY HODGE	0	0.00%	
LOREN MANUEL TAYLOR	56529	49.70%	
PETER Y. LIU	0	0.00%	
SHENG THAO	57206	50.30%	After votes are transferred, Sheng has the most votes.
IGNACIO DE LA FUENTE	0	0.00%	
ALLYSSA VICTORY VILLANUEVA	0	0.00%	
JOHN REIMANN	0	0.00%	
TYRON C. JORDAN	0	0.00%	
TREVA D. REID	0	0.00%	

Questions?