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Orange County 2024 Voter Experience Survey Preliminary Summary Report

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1 Introduction

This report presents a preliminary analysis of the the Orange County 2024 Voter Experience Survey. These results are based on responses from a stratified random sample of registered Orange County voters who participated in the November 2024 general election. Respondents were contacted via email invitation between January 13 and March 1.

The survey sought to gather insights on voter experiences in the 2024 election. In total, 1,019 complete or partial responses were received, representing a response rate of around 2% from our initial sample.

It is important to note that most respondents did not answer all questions in the survey; therefore, the number of responses (N) reported for any individual question may be less than the total 1,019 participants. This variation in response rates across questions is typical in voluntary survey research and has been accounted for in our analysis methodology.

The tables included show overall summary statistics for numeric and categorical variables, followed by summaries broken down by the respondent's self-reported voting method. All results presented in the tables are also available in accompanying CSV files for further examination. The full text of all open-ended responses is included at the end of this document, providing qualitative context to the quantitative findings.

2 Key Results

2.1 Orange County Registrar of Voters Services

One of the important questions included in the survey asked respondents, "When you think about the services that the Orange County Registrar of Voters (OCROV) provides, how important are the following?" They were then given the opportunity to evaluate six dimensions of services as very important, somewhat important, not very important, or not important at all. The services were:

- Accuracy
- Speed of counting
- Accessibility for voters with special needs
- Ease of voting

- Transparency
- Fairness

The topline results are provided in Table 1.

Table 1: OCROV Services

	Very important	Somewhat important	Not very important	Not at all important
Accuracy	41.6	0.9	0.2	0.1
Speed of counting	22.6	15.5	3.7	0.6
Accessibility	31.9	7.6	1.7	0.3
Ease of voting	34.6	5.5	2.2	0.4
Transparency	40.4	1.5	0.5	0.2
Fairness	39.7	2.2	0.6	0.1

Considering first the services that respondents said were very important, there is a clear ordering. The three services said to be very important were accuracy (41.6%), transparency (40.4%), and fairness (39.7%). The next two were ease of voting (34.6%) and accessibility (31.9%). Speed of counting was rated as very important by only 22.6% of respondents who answered this question.

It’s worth noting, however, that if we combine the responses “very important” and “somewhat important” into an overall importance metric, that these relatively stark differences are more muted. Accuracy, transparency, and fairness each have about 42% of respondents answering this question saying they are very or somewhat important. Ease of voting and accessibility for voters with special needs are both at 40% important, with speed of counting at 38% important.

2.2 Orange County Voter Confidence

In the survey, we asked Orange County registered voters about their confidence in elections. The question gave respondents the opportunity to rate their confidence on a scale ranging from 0 (no confidence) to 10 (complete confidence). It asked “Thinking about vote counting in the General Election, how confident are you that ... were counted as intended?” We asked about four different aspects of their confidence:

- Your personal vote
- Votes in Orange County
- Votes in California
- Votes nationwide

Below where we provide detailed survey results, in Table 2 we give some summary statistics for those Orange County registered voters who answered these four confidence questions.

On 0-10 scale, we find that the mean level of reported confidence is highest for their own personal vote (mean 6.67) and votes in Orange County (mean 6.55), with the means slightly lower for votes in California (mean 6.48) and nationally (mean 6.20). This indicates an overall high level of confidence among Orange County registered voters who completed the survey, in particular that their vote was counted as they intended and that votes in Orange County are counted as intended.

2.3 Orange County Voter Perceptions of Election Integrity

3 Methodology

3.1 Sampling Procedure

We employed a stratified random sampling approach based on the Orange County Voter History File. To be included in our sampling frame, individuals needed to be registered voters in Orange County who either cast a ballot or were issued a ballot in the November 2024 general election. This resulted in approximately 165,000 eligible voters from which we drew our sample.

From this eligible population, we selected 50,000 voters to receive survey invitations via email. The stratification was performed based on method of voting, ensuring representation across all voting modalities used in Orange County. For several voting methods with relatively few users (specifically Vote Center Location, Voted at Polling Place, and Remote Accessible Vote-by-Mail Ballot or RAVBM), our stratified sampling resulted in all voters of these types being contacted, constituting a census rather than a sample for these specific subgroups.

3.2 Post-Stratification Weighting (Raking)

To ensure our sample accurately reflects the demographic composition of Orange County voters, we applied a statistical technique known as "raking" to create survey weights. In simple terms, raking adjusts the influence of each respondent's answers in our final analysis to match known population characteristics. This helps correct for any over- or under-representation of specific demographic groups among survey respondents.

The raking procedure iteratively adjusts weights until the weighted sample matches population totals across multiple dimensions simultaneously. For this survey, we chose to match on:

- Age distribution using seven age categories (18-29, 30-39, 40-49, 50-59, 60-69, 70+, and Missing)
- Geographic distribution across the 20 largest cities in Orange County by voter population

All other smaller cities were collapsed into a single "Other" category to ensure sufficient sample sizes within each geographic group. This approach balances precision with practical constraints related to sample size.

The population totals for these demographic characteristics were derived from the complete Orange County Voter File. By using this joint post-stratification approach, we maintain the relationship between age and geography that exists in the voter population.

We did not include other variables due to data availability constraints. For example, the survey did not ask which political party respondents belong to, and the voter file has a very low response rate for gender.

3.3 Presentation of Results

Throughout this report, we present weighted statistics that reflect our post-stratification adjustments. These weighted results offer the most accurate representation of the overall Orange County voter population. For transparency and methodological completeness, unweighted statistics are included in the appendix. Comparing weighted and unweighted results can provide insights into where our sample differed from the overall population before adjustment.

4 Main Statistics (Weighted)

The following tables summarize the data for all respondents included in the analysis.

Table 2: Summary Statistics (Numeric Variables): Overall

	Label	N	Mean	SD	Min	Q10	Q25	Median	Q75	Q90	Max
	Age	901	47.03	18.25	19.00	23.00	33.00	45.00	62.00	73.00	96.00
	Years at Residence	491	11.72	11.40	0.00	2.00	4.00	8.00	15.00	29.00	60.00
	Months at Residence	20	5.91	4.56	2.00	2.90	3.00	5.00	9.00	9.20	28.00
	Efficacy (Officials Care)	891	2.55	1.17	1.00	1.00	2.00	2.00	3.00	4.00	5.00
	Efficacy (Have a Say)	883	2.68	1.33	1.00	1.00	2.00	2.00	4.00	4.80	5.00
	Conf. Own Vote Counted	319	6.67	2.33	1.00	3.00	5.00	7.00	9.00	9.00	9.00
	Conf. OC Votes Counted	338	6.55	2.43	1.00	3.00	5.00	7.00	9.00	9.00	9.00
	Conf. CA Votes Counted	354	6.48	2.51	1.00	3.00	5.00	7.00	9.00	9.00	9.00
	Conf. US Votes Counted	512	6.20	2.22	1.00	3.00	5.00	7.00	8.00	9.00	9.00
	Avg Belief in OC Fraud	589	3.74	2.33	1.00	1.00	1.50	3.62	5.25	7.11	9.00
	Avg Belief in US Fraud	530	3.84	2.46	1.00	1.00	1.50	3.54	5.21	8.00	9.00

Weighted statistics.

4.1 Demographics and Background (Overall)

Table 3: Distribution for: Gender - Overall

Level	N	Proportion
Female	431	43.5%
Male	534	53.9%
Other/Non-Binary	5	0.5%
NA	21	2.1%

Weighted proportions. N = count for level.

Table 4: Distribution for: Race/Ethnicity - Overall

Level	N	Proportion
Asian	88	8.9%
Black	5	0.5%
Hispanic	22	2.2%
Other	28	2.9%
White	343	34.6%
NA	506	51.0%

Weighted proportions. N = count for level.

Table 5: Distribution for: Education Level - Overall

Level	N	Proportion
College Graduate	322	32.5%
High School or less	118	11.9%
NULL	11	1.1%
Postgraduate	289	29.1%
Some College	251	25.3%

Weighted proportions. N = count for level.

Table 6: Distribution for: Income - Overall

Level	N	Proportion
	423	42.7%
\$10,000 to \$12,499	8	0.8%
\$100,000 to \$124,999	62	6.3%
\$12,500 to \$14,999	2	0.2%
\$125,000 to \$149,999	36	3.6%
\$15,000 to \$19,999	11	1.1%
\$150,000 to \$174,999	33	3.4%
\$175,000 or more	163	16.4%
\$20,000 to \$24,999	12	1.2%
\$25,000 to \$29,999	12	1.2%
\$30,000 to \$34,999	8	0.8%
\$35,000 to \$39,999	8	0.8%
\$40,000 to \$49,999	10	1.0%
\$50,000 to \$59,999	17	1.7%
\$60,000 to \$74,999	24	2.4%
\$7,500 to \$9,999	3	0.3%
\$75,000 to \$84,999	27	2.7%
\$85,000 to \$99,999	30	3.0%
Less than \$5,000	13	1.3%
Rather not say	90	9.1%

Weighted proportions. N = count for level.

Table 7: Distribution for: Marital Status - Overall

Level	N	Proportion
	387	39.0%
Divorced	49	4.9%
Living with partner	44	4.5%
Married	333	33.6%
Never married	152	15.3%
Separated	9	0.9%
Widowed	17	1.8%

Weighted proportions. N = count for level.

Table 8: Distribution for: Political Interest - Overall

Level	N	Proportion
	390	39.3%
Hardly at all	9	0.9%
Most of the time	388	39.2%
Only now and then	50	5.0%
Some of the time	155	15.6%

Weighted proportions. N = count for level.

Table 9: Distribution for: OC Resident Status - Overall

Level	N	Proportion
	9	0.9%
No	54	5.5%
Yes	928	93.6%

Weighted proportions. N = count for level.

Table 10: Distribution for: Residence Type - Overall

Level	N	Proportion
	386	38.9%
Occupy without paying rent	35	3.5%
Own (by me or someone in my household)	374	37.7%
Rent (by me or someone in my household)	197	19.9%

Weighted proportions. N = count for level.

4.2 Voting Behavior and Experience (Overall)

Table 11: Distribution for: Voted in Nov General Election - Overall

Level	N	Proportion
	251	25.3%
I definitely voted in the November General Election	691	69.8%
I did not vote in the election this November	15	1.5%
I thought about voting this time, but didn't	7	0.8%
I tried to vote, but it ended up being too much trouble	12	1.2%
I tried to vote, but was not allowed to when I tried	5	0.5%
I usually vote, but didn't this time	9	0.9%

Weighted proportions. N = count for level.

Table 12: Distribution for: First Time Voter Status - Overall

Level	N	Proportion
	285	28.7%
I am a first time voter	43	4.4%
I have voted in elections before	663	66.9%

Weighted proportions. N = count for level.

Table 13: Distribution for: Voting Method (Raw) - Overall

Level	N	Proportion
	301	30.4%
Voted by mail	309	31.2%
Voted by returning my mail ballot to a drop box	275	27.7%
Voted by returning my mail ballot to a voting center	19	1.9%
Voted in person before Election Day at a voting center	46	4.6%
Voted in person on Election Day at a voting center	42	4.2%

Weighted proportions. N = count for level.

Table 14: Distribution for: Wait Time in Line (Polling Place) - Overall

Level	N	Proportion
	906	91.4%
10-30 minutes	8	0.8%
31 minutes – 1 hour	1	0.1%
Less than 10 minutes	33	3.3%
More than 1 hour (please specify how long below)	21	2.1%
Not at all	22	2.3%

Weighted proportions. N = count for level.

Table 15: Distribution for: When Wait Occurred (Polling Place) - Overall

Level	N	Proportion
	929	93.7%
Most of my wait was after I had checked in, and I was waiting to gain access to a voting machine or other place to vote	3	0.3%
Most of my wait was to check in to vote	57	5.7%
My wait in line was fairly evenly divided between checking in and waiting to cast my ballot	3	0.3%
Weighted proportions. N = count for level.		

Table 16: Distribution for: Difficulty Finding Poll Place - Overall

Level	N	Proportion
	906	91.4%
Fairly easy	21	2.1%
Somewhat difficult	0	0.0%
Very easy	64	6.4%
Weighted proportions. N = count for level.		

Table 17: Distribution for: Type of Polling Place Building - Overall

Level	N	Proportion
	906	91.4%
A store or shopping mall	1	0.1%
Church	2	0.2%
Community center	46	4.6%
Library	15	1.5%
Other (please specify below)	0	0.0%
Other government office (court house, municipal building, city hall, etc.)	4	0.4%
Police/Fire Station	1	0.1%
School building	14	1.4%
Senior center	2	0.2%
Weighted proportions. N = count for level.		

Table 18: Distribution for: Polling Place Operations Quality - Overall

Level	N	Proportion
	906	91.4%
Not well — I saw some minor problems that affected the ability of a few people to vote	0	0.0%
Okay — I saw some minor problems, but nothing that interfered with people voting	34	3.4%
Terrible — I saw some major problems that affected the ability of many people to vote	10	1.0%
Very well — I did not see any problems at the polling place	41	4.1%
Weighted proportions. N = count for level.		

Table 19: Distribution for: Polling Place Open When Arrived - Overall

Level	N	Proportion
	906	91.4%
It was closed	4	0.4%
It was open	81	8.2%

Weighted proportions. N = count for level.

Table 20: Distribution for: Time of Day Voted (Polling Place) - Overall

Level	N	Proportion
	910	91.8%
10:00 am – 10:59 am	5	0.5%
11:00 am – 11:59 noon	10	1.0%
12:00 noon – 12:59 pm	2	0.2%
1:00 pm – 1:59 pm	15	1.5%
2:00 pm – 2:59 pm	1	0.1%
3:00 pm – 3:59 pm	5	0.5%
4:00 pm – 4:59 pm	5	0.5%
5:00 pm – 5:59 pm	1	0.1%
6:00 pm – 6:59 pm	9	0.9%
7:00 am – 7:59 am	5	0.5%
7:00 pm – 7:59 pm	12	1.2%
8:00 am – 8:59 am	7	0.7%
9:00 am – 9:59 am	5	0.5%
After 9:00 pm	1	0.1%

Weighted proportions. N = count for level.

Table 21: Distribution for: How Voting Fit Work/School Schedule - Overall

Level	N	Proportion
	906	91.4%
I did not have work or school the day I voted	35	3.5%
I voted after work or school, but not on my way home	11	1.2%
I voted before work or school, but not on my way to work or school	3	0.3%
I voted during a break in my work- or school day	20	2.0%
I voted while on my way home after work or school	9	1.0%
I voted while on my way to work or school	6	0.6%

Weighted proportions. N = count for level.

Table 22: Distribution for: Problem with Registration at Polls - Overall

Level	N	Proportion
	906	91.4%
No	79	7.9%
Yes (please specify what problem, or problems, you had below)	6	0.6%

Weighted proportions. N = count for level.

Table 23: Distribution for: Poll Worker Age Group - Overall

Level	N	Proportion
	906	91.4%
Between 31 and 50	18	1.9%
Between 51 and 70	41	4.2%
I don't know	15	1.5%
Older than 70	1	0.1%
Under 30	9	0.9%

Weighted proportions. N = count for level.

Table 24: Distribution for: Poll Worker Race/Ethnicity - Overall

Level	N	Proportion
	906	91.4%
African-American	2	0.2%
Asian	23	2.3%
Hispanic	10	1.0%
I don't know	5	0.5%
I don't recall the race of my poll worker	24	2.4%
Other/multi-racial	4	0.4%
White	17	1.7%

Weighted proportions. N = count for level.

Table 25: Distribution for: Main Reason for Choosing Vote Center - Overall

Level	N	Proportion
	907	91.5%
It was close to my home	77	7.8%
It was close to my work	3	0.3%
It was convenient on my commute	4	0.4%

Weighted proportions. N = count for level.

Table 26: Distribution for: How Found Vote Center Location - Overall

Level	N	Proportion
	906	91.4%
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	14	1.4%
I picked from the list of Voter Centers inside the Voter Information Guide	10	1.0%
I saw a street sign	6	0.6%
I searched Google	28	2.8%
I used the Registrar of Voters' mapping lookup tool	3	0.3%
Using the nearest location printed on the back of the Voter Information Guide	24	2.4%

Weighted proportions. N = count for level.

4.3 Vote By Mail (VBM) Experience (Overall)

Table 27: Distribution for: Main Reason for Voting By Mail - Overall

Level	N	Proportion
	686	69.2%
I could not get to the polls on Election Day because of my work or school schedule	7	0.7%
I have a physical disability that makes it difficult for me to get to the polls	8	0.8%
I have signed up to receive a mail or absentee ballot automatically in each election	145	14.7%
I was out of town for this election	13	1.3%
Other (please specify below)	18	1.8%
Voting by mail or absentee was just more convenient for me this election	114	11.5%

Weighted proportions. N = count for level.

Table 28: Distribution for: Problem Receiving VBM Ballot - Overall

Level	N	Proportion
	682	68.8%
I don't know	1	0.1%
No	303	30.6%
Yes (please specify what problem, or problems, you had below)	5	0.5%

Weighted proportions. N = count for level.

Table 29: Distribution for: Problem Marking VBM Ballot - Overall

Level	N	Proportion
	682	68.8%
No	301	30.4%
Yes (please specify what problem, or problems, you had below)	8	0.8%

Weighted proportions. N = count for level.

Table 30: Distribution for: Who Returned VBM Ballot - Overall

Level	N	Proportion
	682	68.8%
I did, personally	304	30.7%
I don't remember	1	0.1%
Someone else did	4	0.4%

Weighted proportions. N = count for level.

Table 31: Distribution for: Where VBM Ballot Was Returned - Overall

Level	N	Proportion
	682	68.8%
Drop box used only for ballots, not located at an election office or polling place	24	2.4%
I don't know	0	0.0%
Main election office	1	0.1%
Official post office box not at a U.S. Postal Service location	27	2.7%
Other (please specify below)	19	2.0%
Picked up by the postal worker who delivers mail to my home	125	12.6%
Post office box at a U.S. Postal Service location	112	11.3%
Weighted proportions. N = count for level.		

Table 32: Distribution for: Timing of VBM Return - Overall

Level	N	Proportion
	684	69.0%
A few days before Election Day	38	3.8%
I don't remember	20	2.0%
More than a week before Election Day	218	22.0%
On Election Day	0	0.0%
The week before Election Day	31	3.2%
Weighted proportions. N = count for level.		

Table 33: Distribution for: Wait Time at VBM Dropoff Location - Overall

Level	N	Proportion
	831	83.8%
10-30 minutes	1	0.1%
I don't know	5	0.5%
Less than 10 minutes	14	1.4%
Not at all	141	14.2%
Weighted proportions. N = count for level.		

Table 34: Distribution for: Main Reason Choosing Dropoff Location - Overall

Level	N	Proportion
	831	83.8%
I don't know	1	0.1%
It was close to my home	129	13.0%
It was close, or on my way, to where I had errands to run	21	2.2%
It was convenient to my work or school	10	1.0%
Weighted proportions. N = count for level.		

4.4 BallotTrax, Dropbox, and VBM Return at Vote Center (Overall)

Table 35: Distribution for: Aware of BallotTrax - Overall

Level	N	Proportion
	912	92.0%
No	51	5.1%
Yes	28	2.9%

Weighted proportions. N = count for level.

Table 36: Distribution for: Signed up for BallotTrax - Overall

Level	N	Proportion
	684	69.0%
I don't remember	33	3.4%
No	58	5.9%
Yes	216	21.8%

Weighted proportions. N = count for level.

Table 37: Distribution for: Main Reason Using Dropbox - Overall

Level	N	Proportion
	718	72.5%
Dropping off my ballot was just more convenient for me this election	121	12.2%
I could not get to the polls on Election Day because of my work or school schedule	25	2.5%
I don't trust the mail	11	1.1%
I have a physical disability that makes it difficult for me to get to a vote center	2	0.2%
I like taking the time to research and mark my ballot	52	5.3%
I like voting by mail because of the tracking and security measures	13	1.3%
I prefer knowing my ballot is picked up by Registrar of Voters employees	39	3.9%
I prefer to vote in-person, but could not get to a vote center because of my work or school schedule	1	0.1%
I was an election official or poll worker	1	0.1%
I was out of town for this election	1	0.1%
Other (please specify below)	7	0.7%

Weighted proportions. N = count for level.

Table 38: Distribution for: How Found Dropbox Location - Overall

Level	N	Proportion
	720	72.6%
I don't know	4	0.5%
I picked from the list of ballot drop boxes inside the Voter Information Guide	34	3.4%
I picked from the list of ballot drop boxes on the Registrar of Voters' website (ocvote.gov)	35	3.6%
I saw the drop box and used it	105	10.6%
I searched Google	21	2.1%
I used the Registrar of Voters' mapping lookup tool	28	2.9%
Using the nearest location printed on the back of the Voter Information Guide	43	4.4%

Weighted proportions. N = count for level.

Table 39: Distribution for: Problem Receiving Ballot (Dropbox User) - Overall

Level	N	Proportion
	718	72.5%
I don't know	1	0.1%
No	270	27.2%
Yes (please specify what problem, or problems, you had below)	2	0.2%

Weighted proportions. N = count for level.

Table 40: Distribution for: Who Returned Ballot to Dropbox - Overall

Level	N	Proportion
	718	72.5%
I did, personally	265	26.8%
Someone else did	8	0.8%

Weighted proportions. N = count for level.

Table 41: Distribution for: Timing of Dropbox Return - Overall

Level	N	Proportion
	719	72.5%
I don't remember	26	2.6%
Immediately after receiving it	55	5.5%
On election day	25	2.6%
The week before the election	48	4.9%
Three weeks before the election	53	5.3%
Two weeks before the election	65	6.6%

Weighted proportions. N = count for level.

Table 42: Distribution for: Main Reason Dropping VBM at Vote Center - Overall

Level	N	Proportion
	973	98.2%
Dropping off my ballot was just more convenient for me this election	5	0.5%
I don't trust the mail	0	0.0%
I don't trust the official ballot dropboxes	2	0.2%
I like taking the time to research and mark my ballot	2	0.2%
I prefer knowing my ballot is picked up by Registrar of Voters employees	4	0.4%
Other (please specify below)	5	0.5%
Weighted proportions. N = count for level.		

Table 43: Distribution for: How Found VC to Return VBM Ballot - Overall

Level	N	Proportion
	976	98.5%
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	2	0.2%
I picked from the list of Voter Centers inside the Voter Information Guide	9	0.9%
I searched Google	0	0.0%
I used the Registrar of Voters' mapping lookup tool	0	0.0%
Using the nearest location printed on the back of the Voter Information Guide	4	0.4%
Weighted proportions. N = count for level.		

Table 44: Distribution for: Problem Receiving Ballot (VC Returner) - Overall

Level	N	Proportion
	973	98.1%
No	19	1.9%
Weighted proportions. N = count for level.		

Table 45: Distribution for: Problem Marking Ballot (VC Returner) - Overall

Level	N	Proportion
	973	98.1%
No	18	1.8%
Yes (please specify what problem, or problems, you had below)	0	0.0%
Weighted proportions. N = count for level.		

Table 46: Distribution for: Who Returned Ballot to Vote Center - Overall

Level	N	Proportion
	973	98.2%
I did, personally	16	1.6%
Someone else did	2	0.2%
Weighted proportions. N = count for level.		

Table 47: Distribution for: Timing of Vote Center Return - Overall

Level	N	Proportion
	974	98.3%
I don't remember	3	0.3%
Immediately after receiving it	1	0.1%
On election day	3	0.3%
The week before the election	5	0.5%
Three weeks before the election	1	0.1%
Two weeks before the election	4	0.4%

Weighted proportions. N = count for level.

4.5 News Sources

Table 48: Distribution for: Freq: OC News Sources - Overall

Level	N	Proportion
	392	39.5%
Almost never	172	17.4%
Frequently	134	13.5%
Not sure	19	1.9%
Occasionally	197	19.9%
Very frequently	77	7.8%

Weighted proportions. N = count for level.

Table 49: Distribution for: Freq: LA News Sources - Overall

Level	N	Proportion
	390	39.4%
Almost never	221	22.3%
Frequently	120	12.1%
Not sure	17	1.8%
Occasionally	169	17.0%
Very frequently	74	7.5%

Weighted proportions. N = count for level.

Table 50: Distribution for: Freq: Local TV News - Overall

Level	N	Proportion
	388	39.1%
Almost never	242	24.4%
Frequently	105	10.6%
Not sure	12	1.2%
Occasionally	155	15.6%
Very frequently	90	9.1%

Weighted proportions. N = count for level.

Table 51: Distribution for: Freq: Social Media for Local News - Overall

Level	N	Proportion
	395	39.9%
Almost never	124	12.5%
Frequently	173	17.5%
Not sure	12	1.2%
Occasionally	125	12.6%
Very frequently	162	16.3%

Weighted proportions. N = count for level.

4.6 OCROV Priorities

Table 52: Distribution for: ROV Importance: Accuracy - Overall

Level	N	Proportion
	397	40.1%
Not at all important	2	0.2%
Not very important	3	0.3%
Somewhat important	12	1.2%
Very important	578	58.3%

Weighted proportions. N = count for level.

Table 53: Distribution for: ROV Importance: Speed - Overall

Level	N	Proportion
	402	40.6%
Not at all important	8	0.8%
Not very important	51	5.1%
Somewhat important	216	21.8%
Very important	315	31.7%

Weighted proportions. N = count for level.

Table 54: Distribution for: ROV Importance: Accessibility - Overall

Level	N	Proportion
	410	41.3%
Not at all important	4	0.4%
Not very important	24	2.5%
Somewhat important	106	10.7%
Very important	447	45.1%

Weighted proportions. N = count for level.

Table 55: Distribution for: ROV Importance: Ease of Voting - Overall

Level	N	Proportion
	398	40.2%
Not at all important	5	0.5%
Not very important	30	3.0%
Somewhat important	77	7.8%
Very important	481	48.5%

Weighted proportions. N = count for level.

Table 56: Distribution for: ROV Importance: Transparency - Overall

Level	N	Proportion
	399	40.3%
Not at all important	3	0.3%
Not very important	7	0.7%
Somewhat important	21	2.1%
Very important	561	56.6%

Weighted proportions. N = count for level.

Table 57: Distribution for: ROV Importance: Fairness - Overall

Level	N	Proportion
	399	40.3%
Not at all important	1	0.1%
Not very important	9	0.9%
Somewhat important	30	3.0%
Very important	552	55.7%

Weighted proportions. N = count for level.

5 Raw Text Responses

Table 58: Text Responses

var	response
gender	There are ONLY 2 genders
gender	Non binary
gender	Queer
gender	Good voting organization
polling_place_type	Equestrian Central
wait_time_line	2 hours
wait_time_line	2 hours
wait_time_line	3 hrs
registration_problem	The staff could not find me in the system because I was registered to vote via mail, so I needed to fill out a supplemental ballot
registration_problem	They wouldn't let me prove that I was registered with my ID.
registration_problem	I was mysteriously registered Democrat
registration_problem	Because I live in Seal Beach but I work in Lancaster
reason_vbm	As a retired US Citizen my residence is in Hungary. My US mailing address is in Huntington Beach. I voted through a FAX service electronically
reason_vbm	living abroad
reason_vbm	I live in Canada
reason_vbm	Highest chance to be counted
reason_vbm	I am older person with limited mobility
reason_vbm	US citizen residing overseas indefinitely
reason_vbm	I live outside of the country and am not in the armed forces
reason_vbm	I live outside the usa
reason_vbm	I DON'T HAVE A LICENSE WHAHHHH
reason_vbm	I live in Australia
reason_vbm	I live in Canada/Expatriate
reason_vbm	Ballot came in the mail
reason_vbm	I wanted my vote counted as early as possible
reason_vbm	I live outside the USA
reason_vbm	I live in Europe
vbm_receive_problem	My ballot was not mailed, I downloaded it electronically and submitted it using a FAX service
vbm_receive_problem	My absentee ballot was not mailed to the correct address... had to print it out myself.
vbm_receive_problem	Stroke Aphasia Apraxia right Hemiparesis,I understand everything you say to me,I have difficulty telling you what!
vbm_receive_problem	I receive instructions via email. No physical ballot was received by mail.

Non-empty responses for text variables.

Table 59: Text Responses

var	response
vbm_marking_problem	ink leaks through mark
vbm_marking_problem	I accidentally ripped my ballot, but I tapped it.
vbm_marking_problem	absentee ballot not being sent to the right address
vbm_marking_problem	Communication
vbm_marking_problem	Not enough information on the state/county ballots and people; had to look up stuff online
vbm_return_location	Submitted electrphonically to a FAX service
vbm_return_location	In a friend's neighborhood where the outgoing mail is secure
vbm_return_location	Mail drop off at work
vbm_return_location	dropped of at US consulate in Germany
vbm_return_location	by fax
vbm_return_location	Registrar of Voters
vbm_return_location	fax
vbm_return_location	Inside Post Office
vbm_return_location	Church was allowed to collect Ballots
vbm_return_location	Fax number provided by Orange County Registrar of Voters
vbm_return_location	POST OFFICE
vbm_return_location	I live in Canada where most mail is dropped into a Canada Post mail slot. I dropped it off there
vbm_return_location	Dropped off at the YS embassy
vbm_return_location	Australia Post sent to US PO Box
vbm_return_location	Outgoing Office mail
vbm_return_location	International mail
vbm_return_location	Office mail at my work
vbm_return_location	Mail box
reason_use_dropbox	I voted by personally dropped my ballot in a post office secured drop box!
reason_use_dropbox	I knew I had to vote early, so others who were going to cheat would have a harder time.
reason_use_dropbox	vote early for security
reason_use_dropbox	Living abroad, Australia
reason_use_dropbox	I had to make sure that Trump won!
reason_use_dropbox	The voting site denied they were a voting site and refused to take my ballot
reason_use_dropbox	Did not want to wait in line
vbm_dropbox_receive_problem	Just struggled to become familiar with the process
db_problem	I skipped an item and forgot to return to it
db_problem	Was a difficult process mail in vote from overseas
db_problem	Some of the wording was confusing.
reason_dropoff_at_votecenter	I am living abroad.
reason_dropoff_at_votecenter	Partner dropped off at Registrar office
reason_dropoff_at_votecenter	by overseas easy feels safe and counted
vbm_vc_marking_problem	little confusing
race	white + native hawaiian
race	Germania white is nit a race
race	mexican American
race	American
race	Eastern European
race	Human
race	Armenian, Scottish, American 5 generations
race	Pacific islander
race	What
race	Born in Los Angeles, ca I Columbian German Lebanese mixture
race	Columbian German Lebanese

Non-empty responses for text variables.

A Unweighted Summary Statistics

The following tables summarize the data for all respondents included in the analysis.

Table 60: Summary Statistics (Numeric Variables): Overall

Variable	N	Mean	SD	Min	Q10	Q25	Median	Q75	Q90	Max
Age	901	63.35	16.61	19.00	39.00	54.00	68.00	75.00	81.00	96.00
Years at Residence	491	16.12	13.79	0.00	2.00	5.00	10.00	25.00	35.00	60.00
Months at Residence	20	6.65	5.73	2.00	3.00	3.00	5.50	9.00	9.20	28.00
Efficacy (Officials Care)	891	2.70	1.24	1.00	1.00	2.00	3.00	4.00	4.00	5.00
Efficacy (Have a Say)	883	2.81	1.33	1.00	1.00	2.00	2.00	4.00	5.00	5.00
Conf. Own Vote Counted	319	6.71	2.36	1.00	3.00	5.00	8.00	9.00	9.00	9.00
Conf. OC Votes Counted	338	6.72	2.30	1.00	3.00	5.00	7.00	9.00	9.00	9.00
Conf. CA Votes Counted	354	6.44	2.47	1.00	2.30	5.00	7.00	9.00	9.00	9.00
Conf. US Votes Counted	512	6.28	2.18	1.00	3.00	5.00	7.00	8.00	9.00	9.00
Avg Belief in OC Fraud	589	3.87	2.43	1.00	1.00	1.50	3.89	5.50	7.56	9.00
Avg Belief in US Fraud	530	3.79	2.53	1.00	1.00	1.33	3.27	5.66	7.84	9.00

Unweighted statistics.

A.1 Demographics and Background (Overall)

Table 61: Distribution for: Gender - Overall

Level	N	Proportion
Female	409	40.1%
Male	494	48.5%
Other/Non-Binary	4	0.4%
NA	112	11.0%
Unweighted proportions (%). N = count for level.		

Table 62: Distribution for: Race/Ethnicity - Overall

Level	N	Proportion
Asian	64	6.3%
Black	4	0.4%
Hispanic	21	2.1%
Other	15	1.5%
White	440	43.2%
NA	475	46.6%
Unweighted proportions (%). N = count for level.		

Table 63: Distribution for: Education Level - Overall

Level	N	Proportion
College Graduate	291	28.6%
High School or less	64	6.3%
NULL	104	10.2%
Postgraduate	316	31.0%
Some College	244	23.9%
Unweighted proportions (%). N = count for level.		

Table 64: Distribution for: Income - Overall

Level	N	Proportion
	460	45.1%
\$10,000 to \$12,499	8	0.8%
\$100,000 to \$124,999	69	6.8%
\$12,500 to \$14,999	1	0.1%
\$125,000 to \$149,999	38	3.7%
\$15,000 to \$19,999	7	0.7%
\$150,000 to \$174,999	31	3.0%
\$175,000 or more	149	14.6%
\$20,000 to \$24,999	11	1.1%
\$25,000 to \$29,999	12	1.2%
\$30,000 to \$34,999	13	1.3%
\$35,000 to \$39,999	7	0.7%
\$40,000 to \$49,999	18	1.8%
\$50,000 to \$59,999	23	2.3%
\$60,000 to \$74,999	27	2.6%
\$7,500 to \$9,999	4	0.4%
\$75,000 to \$84,999	22	2.2%
\$85,000 to \$99,999	24	2.4%
Less than \$5,000	7	0.7%
Rather not say	88	8.6%

Unweighted proportions (%). N = count for level.

Table 65: Distribution for: Marital Status - Overall

Level	N	Proportion
	418	41.0%
Divorced	77	7.6%
Living with partner	26	2.6%
Married	364	35.7%
Never married	72	7.1%
Separated	5	0.5%
Widowed	57	5.6%

Unweighted proportions (%). N = count for level.

Table 66: Distribution for: Political Interest - Overall

Level	N	Proportion
	415	40.7%
Hardly at all	9	0.9%
Most of the time	439	43.1%
Only now and then	35	3.4%
Some of the time	121	11.9%

Unweighted proportions (%). N = count for level.

Table 67: Distribution for: OC Resident Status - Overall

Level	N	Proportion
	97	9.5%
No	35	3.4%
Yes	887	87.0%
Unweighted proportions (%). N = count for level.		

Table 68: Distribution for: Residence Type - Overall

Level	N	Proportion
	418	41.0%
Occupy without paying rent	15	1.5%
Own (by me or someone in my household)	458	44.9%
Rent (by me or someone in my household)	128	12.6%
Unweighted proportions (%). N = count for level.		

A.2 Voting Behavior and Experience (Overall)

Table 69: Distribution for: Voted in Nov General Election - Overall

Level	N	Proportion
	283	27.8%
I definitely voted in the November General Election	704	69.1%
I did not vote in the election this November	16	1.6%
I thought about voting this time, but didn't	4	0.4%
I tried to vote, but it ended up being too much trouble	4	0.4%
I tried to vote, but was not allowed to when I tried	2	0.2%
I usually vote, but didn't this time	6	0.6%

Unweighted proportions (%). N = count for level.

Table 70: Distribution for: First Time Voter Status - Overall

Level	N	Proportion
	310	30.4%
I am a first time voter	18	1.8%
I have voted in elections before	691	67.8%

Unweighted proportions (%). N = count for level.

Table 71: Distribution for: Voting Method (Raw) - Overall

Level	N	Proportion
	318	31.2%
Voted by mail	362	35.5%
Voted by returning my mail ballot to a drop box	254	24.9%
Voted by returning my mail ballot to a voting center	24	2.4%
Voted in person before Election Day at a voting center	41	4.0%
Voted in person on Election Day at a voting center	20	2.0%

Unweighted proportions (%). N = count for level.

Table 72: Distribution for: Wait Time in Line (Polling Place) - Overall

Level	N	Proportion
	959	94.1%
10-30 minutes	7	0.7%
31 minutes – 1 hour	1	0.1%
Less than 10 minutes	21	2.1%
More than 1 hour (please specify how long below)	3	0.3%
Not at all	28	2.7%

Unweighted proportions (%). N = count for level.

Table 73: Distribution for: When Wait Occurred (Polling Place) - Overall

Level	N	Proportion
	987	
Most of my wait was after I had checked in, and I was waiting to gain access to a voting machine or other place to vote	4	
Most of my wait was to check in to vote	25	
My wait in line was fairly evenly divided between checking in and waiting to cast my ballot	3	
Unweighted proportions (%). N = count for level.		

Table 74: Distribution for: Difficulty Finding Poll Place - Overall

Level	N	Proportion
	959	94.1%
Fairly easy	9	0.9%
Somewhat difficult	1	0.1%
Very easy	50	4.9%
Unweighted proportions (%). N = count for level.		

Table 75: Distribution for: Type of Polling Place Building - Overall

Level	N	Proportion
	959	94.1%
A store or shopping mall	1	0.1%
Church	2	0.2%
Community center	34	3.3%
Library	6	0.6%
Other (please specify below)	1	0.1%
Other government office (court house, municipal building, city hall, etc.)	7	0.7%
Police/Fire Station	1	0.1%
School building	5	0.5%
Senior center	3	0.3%
Unweighted proportions (%). N = count for level.		

Table 76: Distribution for: Polling Place Operations Quality - Overall

Level	N	Proportion
	959	94.1%
Not well — I saw some minor problems that affected the ability of a few people to vote	1	0.1%
Okay — I saw some minor problems, but nothing that interfered with people voting	11	1.1%
Terrible — I saw some major problems that affected the ability of many people to vote	1	0.1%
Very well — I did not see any problems at the polling place	47	4.6%
Unweighted proportions (%). N = count for level.		

Table 77: Distribution for: Polling Place Open When Arrived - Overall

Level	N	Proportion
	959	94.1%
It was closed	2	0.2%
It was open	58	5.7%
Unweighted proportions (%). N = count for level.		

Table 78: Distribution for: Time of Day Voted (Polling Place) - Overall

Level	N	Proportion
	962	94.4%
10:00 am – 10:59 am	10	1.0%
11:00 am – 11:59 noon	11	1.1%
12:00 noon – 12:59 pm	2	0.2%
1:00 pm – 1:59 pm	7	0.7%
2:00 pm – 2:59 pm	1	0.1%
3:00 pm – 3:59 pm	5	0.5%
4:00 pm – 4:59 pm	4	0.4%
5:00 pm – 5:59 pm	1	0.1%
6:00 pm – 6:59 pm	1	0.1%
7:00 am – 7:59 am	2	0.2%
7:00 pm – 7:59 pm	2	0.2%
8:00 am – 8:59 am	5	0.5%
9:00 am – 9:59 am	5	0.5%
After 9:00 pm	1	0.1%

Unweighted proportions (%). N = count for level.

Table 79: Distribution for: How Voting Fit Work/School Schedule - Overall

Level	N	Proportion
	959	94.1%
I did not have work or school the day I voted	36	3.5%
I voted after work or school, but not on my way home	3	0.3%
I voted before work or school, but not on my way to work or school	2	0.2%
I voted during a break in my work- or school day	10	1.0%
I voted while on my way home after work or school	7	0.7%
I voted while on my way to work or school	2	0.2%

Unweighted proportions (%). N = count for level.

Table 80: Distribution for: Problem with Registration at Polls - Overall

Level	N	Proportion
	959	94.1%
No	56	5.5%
Yes (please specify what problem, or problems, you had below)	4	0.4%

Unweighted proportions (%). N = count for level.

Table 81: Distribution for: Poll Worker Age Group - Overall

Level	N	Proportion
	959	94.1%
Between 31 and 50	13	1.3%
Between 51 and 70	26	2.6%
I don't know	18	1.8%
Older than 70	2	0.2%
Under 30	1	0.1%

Unweighted proportions (%). N = count for level.

Table 82: Distribution for: Poll Worker Race/Ethnicity - Overall

Level	N	Proportion
	959	94.1%
African-American	2	0.2%
Asian	5	0.5%
Hispanic	2	0.2%
I don't know	9	0.9%
I don't recall the race of my poll worker	26	2.6%
Other/multi-racial	3	0.3%
White	13	1.3%

Unweighted proportions (%). N = count for level.

Table 83: Distribution for: Main Reason for Choosing Vote Center - Overall

Level	N	Proportion
	961	94.3%
It was close to my home	51	5.0%
It was close to my work	2	0.2%
It was convenient on my commute	5	0.5%

Unweighted proportions (%). N = count for level.

Table 84: Distribution for: How Found Vote Center Location - Overall

Level	N	Proportion
	959	94.1%
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	14	1.4%
I picked from the list of Voter Centers inside the Voter Information Guide	13	1.3%
I saw a street sign	5	0.5%
I searched Google	9	0.9%
I used the Registrar of Voters' mapping lookup tool	2	0.2%
Using the nearest location printed on the back of the Voter Information Guide	17	1.7%

Unweighted proportions (%). N = count for level.

A.3 Vote By Mail (VBM) Experience (Overall)

Table 85: Distribution for: Main Reason for Voting By Mail - Overall

Level	N	Proportion
	659	64.7%
I could not get to the polls on Election Day because of my work or school schedule	4	0.4%
I have a physical disability that makes it difficult for me to get to the polls	14	1.4%
I have signed up to receive a mail or absentee ballot automatically in each election	186	18.3%
I was out of town for this election	11	1.1%
Other (please specify below)	15	1.5%
Voting by mail or absentee was just more convenient for me this election	130	12.8%

Unweighted proportions (%). N = count for level.

Table 86: Distribution for: Problem Receiving VBM Ballot - Overall

Level	N	Proportion
	658	64.6%
I don't know	1	0.1%
No	356	34.9%
Yes (please specify what problem, or problems, you had below)	4	0.4%

Unweighted proportions (%). N = count for level.

Table 87: Distribution for: Problem Marking VBM Ballot - Overall

Level	N	Proportion
	659	64.7%
No	354	34.7%
Yes (please specify what problem, or problems, you had below)	6	0.6%

Unweighted proportions (%). N = count for level.

Table 88: Distribution for: Who Returned VBM Ballot - Overall

Level	N	Proportion
	658	64.6%
I did, personally	351	34.4%
I don't remember	2	0.2%
Someone else did	8	0.8%

Unweighted proportions (%). N = count for level.

Table 89: Distribution for: Where VBM Ballot Was Returned - Overall

Level	N	Proportion
	658	64.6%
Drop box used only for ballots, not located at an election office or polling place	25	2.5%
I don't know	2	0.2%
Main election office	2	0.2%
Official post office box not at a U.S. Postal Service location	26	2.6%
Other (please specify below)	18	1.8%
Picked up by the postal worker who delivers mail to my home	124	12.2%
Post office box at a U.S. Postal Service location	164	16.1%

Unweighted proportions (%). N = count for level.

Table 90: Distribution for: Timing of VBM Return - Overall

Level	N	Proportion
	662	65.0%
A few days before Election Day	21	2.1%
I don't remember	25	2.5%
More than a week before Election Day	268	26.3%
On Election Day	1	0.1%
The week before Election Day	42	4.1%

Unweighted proportions (%). N = count for level.

Table 91: Distribution for: Wait Time at VBM Dropoff Location - Overall

Level	N	Proportion
	809	79.4%
10-30 minutes	1	0.1%
I don't know	4	0.4%
Less than 10 minutes	13	1.3%
Not at all	192	18.8%

Unweighted proportions (%). N = count for level.

Table 92: Distribution for: Main Reason Choosing Dropoff Location - Overall

Level	N	Proportion
	809	79.4%
I don't know	2	0.2%
It was close to my home	154	15.1%
It was close, or on my way, to where I had errands to run	41	4.0%
It was convenient to my work or school	13	1.3%

Unweighted proportions (%). N = count for level.

A.4 BallotTrax, Dropbox, and VBM Return at Vote Center (Overall)

Table 93: Distribution for: Aware of BallotTrax - Overall

Level	N	Proportion
	886	86.9%
No	76	7.5%
Yes	57	5.6%

Unweighted proportions (%). N = count for level.

Table 94: Distribution for: Signed up for BallotTrax - Overall

Level	N	Proportion
	661	64.9%
I don't remember	39	3.8%
No	104	10.2%
Yes	215	21.1%

Unweighted proportions (%). N = count for level.

Table 95: Distribution for: Main Reason Using Dropbox - Overall

Level	N	Proportion
	766	75.2%
Dropping off my ballot was just more convenient for me this election	116	11.4%
I could not get to the polls on Election Day because of my work or school schedule	6	0.6%
I don't trust the mail	13	1.3%
I have a physical disability that makes it difficult for me to get to a vote center	5	0.5%
I like taking the time to research and mark my ballot	41	4.0%
I like voting by mail because of the tracking and security measures	13	1.3%
I prefer knowing my ballot is picked up by Registrar of Voters employees	43	4.2%
I prefer to vote in-person, but could not get to a vote center because of my work or school schedule	3	0.3%
I was an election official or poll worker	2	0.2%
I was out of town for this election	4	0.4%
Other (please specify below)	7	0.7%

Unweighted proportions (%). N = count for level.

Table 96: Distribution for: How Found Dropbox Location - Overall

Level	N	Proportion
	769	75.5%
I don't know	4	0.4%
I picked from the list of ballot drop boxes inside the Voter Information Guide	32	3.1%
I picked from the list of ballot drop boxes on the Registrar of Voters' website (ocvote.gov)	25	2.5%
I saw the drop box and used it	106	10.4%
I searched Google	17	1.7%
I used the Registrar of Voters' mapping lookup tool	17	1.7%
Using the nearest location printed on the back of the Voter Information Guide	49	4.8%

Unweighted proportions (%). N = count for level.

Table 97: Distribution for: Problem Receiving Ballot (Dropbox User) - Overall

Level	N	Proportion
	766	75.2%
I don't know	2	0.2%
No	249	24.4%
Yes (please specify what problem, or problems, you had below)	2	0.2%

Unweighted proportions (%). N = count for level.

Table 98: Distribution for: Who Returned Ballot to Dropbox - Overall

Level	N	Proportion
	766	75.2%
I did, personally	243	23.8%
Someone else did	10	1.0%

Unweighted proportions (%). N = count for level.

Table 99: Distribution for: Timing of Dropbox Return - Overall

Level	N	Proportion
	768	75.4%
I don't remember	23	2.3%
Immediately after receiving it	54	5.3%
On election day	16	1.6%
The week before the election	47	4.6%
Three weeks before the election	49	4.8%
Two weeks before the election	62	6.1%

Unweighted proportions (%). N = count for level.

Table 100: Distribution for: Main Reason Dropping VBM at Vote Center - Overall

Level	N	Proportion
	996	97.7%
Dropping off my ballot was just more convenient for me this election	4	0.4%
I don't trust the mail	1	0.1%
I don't trust the official ballot dropboxes	4	0.4%
I like taking the time to research and mark my ballot	3	0.3%
I prefer knowing my ballot is picked up by Registrar of Voters employees	8	0.8%
Other (please specify below)	3	0.3%

Unweighted proportions (%). N = count for level.

Table 101: Distribution for: How Found VC to Return VBM Ballot - Overall

Level	N	Proportion
	998	97.9%
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	5	0.5%
I picked from the list of Voter Centers inside the Voter Information Guide	9	0.9%
I searched Google	1	0.1%
I used the Registrar of Voters' mapping lookup tool	1	0.1%
Using the nearest location printed on the back of the Voter Information Guide	5	0.5%

Unweighted proportions (%). N = count for level.

Table 102: Distribution for: Problem Receiving Ballot (VC Returner) - Overall

Level	N	Proportion
	995	97.6%
No	24	2.4%
Unweighted proportions (%). N = count for level.		

Table 103: Distribution for: Problem Marking Ballot (VC Returner) - Overall

Level	N	Proportion
	995	97.6%
No	23	2.3%
Yes (please specify what problem, or problems, you had below)	1	0.1%
Unweighted proportions (%). N = count for level.		

Table 104: Distribution for: Who Returned Ballot to Vote Center - Overall

Level	N	Proportion
	996	97.7%
I did, personally	20	2.0%
Someone else did	3	0.3%
Unweighted proportions (%). N = count for level.		

Table 105: Distribution for: Timing of Vote Center Return - Overall

Level	N	Proportion
	997	97.8%
I don't remember	1	0.1%
Immediately after receiving it	3	0.3%
On election day	4	0.4%
The week before the election	5	0.5%
Three weeks before the election	2	0.2%
Two weeks before the election	7	0.7%
Unweighted proportions (%). N = count for level.		

A.5 News Sources

Table 106: Distribution for: Freq: OC News Sources - Overall

Level	N	Proportion
	434	42.6%
Almost never	176	17.3%
Frequently	117	11.5%
Not sure	12	1.2%
Occasionally	183	18.0%
Very frequently	97	9.5%

Unweighted proportions (%). N = count for level.

Table 107: Distribution for: Freq: LA News Sources - Overall

Level	N	Proportion
	430	42.2%
Almost never	209	20.5%
Frequently	104	10.2%
Not sure	20	2.0%
Occasionally	161	15.8%
Very frequently	95	9.3%

Unweighted proportions (%). N = count for level.

Table 108: Distribution for: Freq: Local TV News - Overall

Level	N	Proportion
	422	41.4%
Almost never	192	18.8%
Frequently	110	10.8%
Not sure	9	0.9%
Occasionally	133	13.1%
Very frequently	153	15.0%

Unweighted proportions (%). N = count for level.

Table 109: Distribution for: Freq: Social Media for Local News - Overall

Level	N	Proportion
	436	42.8%
Almost never	175	17.2%
Frequently	134	13.2%
Not sure	8	0.8%
Occasionally	143	14.0%
Very frequently	123	12.1%

Unweighted proportions (%). N = count for level.

A.6 OCROV Priorities

Table 110: Distribution for: ROV Importance: Accuracy - Overall

Level	N	Proportion
	420	41.2%
Not at all important	2	0.2%
Not very important	3	0.3%
Somewhat important	17	1.7%
Very important	577	56.6%
Unweighted proportions (%). N = count for level.		

Table 111: Distribution for: ROV Importance: Speed - Overall

Level	N	Proportion
	424	41.6%
Not at all important	4	0.4%
Not very important	46	4.5%
Somewhat important	220	21.6%
Very important	325	31.9%
Unweighted proportions (%). N = count for level.		

Table 112: Distribution for: ROV Importance: Accessibility - Overall

Level	N	Proportion
	431	42.3%
Not at all important	6	0.6%
Not very important	25	2.5%
Somewhat important	116	11.4%
Very important	441	43.3%
Unweighted proportions (%). N = count for level.		

Table 113: Distribution for: ROV Importance: Ease of Voting - Overall

Level	N	Proportion
	423	41.5%
Not at all important	4	0.4%
Not very important	27	2.6%
Somewhat important	79	7.8%
Very important	486	47.7%
Unweighted proportions (%). N = count for level.		

Table 114: Distribution for: ROV Importance: Transparency - Overall

Level	N	Proportion
	422	41.4%
Not at all important	2	0.2%
Not very important	5	0.5%
Somewhat important	22	2.2%
Very important	568	55.7%
Unweighted proportions (%). N = count for level.		

Table 115: Distribution for: ROV Importance: Fairness - Overall

Level	N	Proportion
	422	41.4%
Not at all important	1	0.1%
Not very important	6	0.6%
Somewhat important	22	2.2%
Very important	568	55.7%
Unweighted proportions (%). N = count for level.		

Orange County 2024 Voter Experience Survey

Preliminary Summary Report

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May 13, 2025

1 Introduction

This report presents a preliminary analysis of the the Orange County 2024 Voter Experience Survey. These results are based on responses from a stratified random sample of registered Orange County voters who participated in the November 2024 general election. Respondents were contacted via email invitation between January 13 and March 1.

The survey sought to gather insights on voter experiences in the 2024 election. In total, 1,019 complete or partial responses were received, representing a response rate of around 2% from our initial sample.

It is important to note that most respondents did not answer all questions in the survey; therefore, the number of responses (N) reported for any individual question may be less than the total 1,019 participants. This variation in response rates across questions is typical in voluntary survey research and has been accounted for in our analysis methodology.

The tables included show overall summary statistics for numeric and categorical variables, followed by summaries broken down by the respondent's self-reported voting method. All results presented in the tables are also available in accompanying CSV files for further examination. The full text of all open-ended responses is included at the end of this document, providing qualitative context to the quantitative findings.

2 Key Results

2.1 Orange County Registrar of Voters Services

One of the important questions included in the survey asked respondents, "When you think about the services that the Orange County Registrar of Voters (OCROV) provides, how important are the following?" They were then given the opportunity to evaluate six dimensions of services as very important, somewhat important, not very important, or not important at all. The services were:

- Accuracy
- Speed of counting
- Accessibility for voters with special needs
- Ease of voting

- Transparency
- Fairness

The topline results are provided in Table 1.

Table 1: OCROV Services

	Very important	Somewhat important	Not very important	Not at all important
Accessibility	76.2	18.6	4.4	0.8
Accuracy	97.1	2.0	0.5	0.3
Ease of voting	80.6	13.7	4.9	0.8
Fairness	93.1	5.5	1.2	0.2
Speed of counting	52.5	36.0	9.9	1.6
Transparency	94.3	3.9	1.2	0.5

Considering first the services that respondents said were very important, there is a clear ordering. The three services said to be very important were accuracy (97.1%), transparency (94.3%), and fairness (93.1%). The next two were ease of voting (80.6%) and accessibility (76.2%). Speed of counting was rated as very important by only 52.5% of respondents who answered this question.

It’s worth noting, however, that if we combine the responses “very important” and “somewhat important” into an overall importance metric, that these relatively stark differences are more muted. Accuracy, transparency, and fairness each have about 98% of respondents answering this question saying they are very or somewhat important. Ease of voting and accessibility for voters with special needs are both at 95% important, with speed of counting at 89% important. See Section 4.6, where we visualize these results.

2.2 Orange County Voter Confidence

In the survey, we asked Orange County registered voters about their confidence in elections. The question gave respondents the opportunity to rate their confidence on a scale ranging from 0 (no confidence) to 10 (complete confidence). It asked “Thinking about vote counting in the General Election, how confident are you that ... were counted as intended?” We asked about four different aspects of their confidence:

- Your personal vote
- Votes in Orange County
- Votes in California
- Votes nationwide

Below where we provide detailed survey results, in Table 2 we give some summary statistics for those Orange County registered voters who answered these four confidence questions.

On 0-10 scale, we find that the mean level of reported confidence is highest for their own personal vote (mean 6.67) and votes in Orange County (mean 6.52), with the means approximately the same for votes in California (mean 6.53) and lower nationally (mean 6.13). This indicates an overall high level of confidence among Orange County registered voters who completed the survey, in particular that their vote was counted as they intended and that votes in Orange County are counted as intended. Lower average confidence in the national election is driven largely by an increase in “5’s”, i.e. the middle of the confidence range, with 19% of respondents responding “5” for their confidence

ballots were accurately counted at the national level, compared to 12.5% and 11.4% for Orange county and California.

In Section 4.8 we visualize these results in more detail.

Beginning with Figure 7, we provide the full distribution of survey responses from Orange County registered voters regarding their confidence that their own ballot was counted. Here we see that the distribution indicates strong confidence, in particular with over 50% of registered voters who answered the survey responding in two of the very high confidence answers.

Next, Figure 8 gives the distribution for confidence that ballots in Orange County were counted correctly. Again we see a quite high level of confidence, with nearly 30% giving the upper high confidence answer, and another 30% answering “7” or “8.”

Figures 9 and 10 give the responses for California and the U.S., and generally we continue with the same pattern as seen in the two preceeding graphics. Orange County registered voters who responded to our survey express a relatively high degree of confidence in election integrity in California, though slightly less confidence in the U.S. overall (noting that the latter figure shows a distribution that has fewer responses in the upper level, with slight shift towards lesser confidence in the national level).

2.3 Orange County Voter Perceptions of Election Integrity

The survey also gave respondents the opportunity to state their certainty that certain types of election crimes did or did not happen in Orange County, and then nationwide. Respondents could indicate on a scale from 0 to 10 whether they are certain that an activity did not happen (0) to that it happened with certainty (10). The election crimes were:

- People voted more than once in an election.
- People stole or tampered with ballots that have been voted.
- People pretended to be someone else when going to vote.
- People voted who are not U.S. citizens.
- people voted with a mail ballot intended for another person.
- Officials changed the reported vote count in a way that is not a true reflection of the ballots that were actually counted.
- Vote counting software was manipulated in a way to not count ballots as intended.
- Voters were paid to cast a ballot for a particular candidate.
- Voting occurred under fraudulent voter registrations that used a fake name or a fake address.

We focus discussion on an aggregate measure: each individual’s average confidence over all rumors. Few respondents believe all election rumors, but many will have confidence in any given rumor.

In Section 4.9 we visualize these average levels of confidence in election fraud at the Orange County and national level. After averaging, we round respondents to the nearest whole number.

Respondents are much more likely to report being very confident (a “9”) when it comes to Orange County and California elections (30% of respondents) than for the national election (16%). Again, most of the difference occurs in the middle of the range.

Respondents do not appear to have substantially different average beliefs about instances of voter fraud occurring nationally as in Orange County.

3 Methodology

3.1 Sampling Procedure

We employed a stratified random sampling approach based on the Orange County Voter History File. To be included in our sampling frame, individuals needed to be registered voters in Orange County who either cast a ballot or were issued a ballot in the November 2024 general election. This resulted in approximately 165,000 eligible voters from which we drew our sample.

From this eligible population, we selected 50,000 voters to receive survey invitations via email. The stratification was performed based on method of voting, ensuring representation across all voting modalities used in Orange County. For several voting methods with relatively few users (specifically Vote Center Location, Voted at Polling Place, and Remote Accessible Vote-by-Mail Ballot or RAVBM), our stratified sampling resulted in all voters of these types being contacted, constituting a census rather than a sample for these specific subgroups.

3.2 Post-Stratification Weighting (Raking)

To ensure our sample accurately reflects the demographic composition of Orange County voters, we applied a statistical technique known as "raking" to create survey weights. In simple terms, raking adjusts the influence of each respondent's answers in our final analysis to match known population characteristics. This helps correct for any over- or under-representation of specific demographic groups among survey respondents.

The raking procedure iteratively adjusts weights until the weighted sample matches population totals across multiple dimensions simultaneously. For this survey, we chose to match on:

- Age distribution using seven age categories (18-29, 30-39, 40-49, 50-59, 60-69, 70+, and Missing)
- Geographic distribution across the 25 largest cities in Orange County by voter population

All other smaller cities were collapsed into a single "Other" category to ensure sufficient sample sizes within each geographic group. This approach balances precision with practical constraints related to sample size.

The population totals for these demographic characteristics were derived from the complete Orange County Voter File. By using this joint post-stratification approach, we maintain the relationship between age and geography that exists in the voter population.

We did not include other variables due to data availability constraints. For example, the survey did not ask which political party respondents belong to, and the voter file has a very low response rate for gender.

3.3 Presentation of Results

Throughout this report, we present weighted statistics that reflect our post-stratification adjustments. These weighted results offer the most accurate representation of the overall Orange County voter population. For transparency and methodological completeness, unweighted statistics are included in the appendix. Comparing weighted and unweighted results can provide insights into where our sample differed from the overall population before adjustment.

4 Main Statistics (Weighted)

The following tables summarize the data for all respondents included in the analysis.

Table 2: Summary Statistics (Numeric Variables): Overall

	N	Mean	SD	Min	Q10	Q25	Median	Q75	Q90	Max
Age	901	46.62	17.99	19.00	23.00	33.00	44.00	61.00	72.00	96.00
Years at Residence	491	11.89	11.46	0.00	2.00	4.00	8.00	15.50	29.00	60.00
Months at Residence	20	5.89	4.44	2.00	2.90	3.00	5.00	9.00	9.20	28.00
Efficacy (Officials Care)	891	2.53	1.18	1.00	1.00	2.00	2.00	3.50	4.00	5.00
Efficacy (Have a Say)	883	2.67	1.34	1.00	1.00	2.00	2.00	4.00	4.00	5.00
Conf. Own Vote Counted	319	6.67	2.35	1.00	3.00	5.00	8.00	9.00	9.00	9.00
Conf. OC Votes Counted	338	6.52	2.44	1.00	3.00	5.00	7.00	9.00	9.00	9.00
Conf. CA Votes Counted	354	6.53	2.47	1.00	3.00	5.00	7.00	9.00	9.00	9.00
Conf. US Votes Counted	512	6.13	2.23	1.00	3.00	5.00	7.00	8.00	9.00	9.00
Avg Belief in OC Fraud	589	3.73	2.31	1.00	1.00	1.50	3.62	5.22	7.13	9.00
Avg Belief in US Fraud	530	3.80	2.43	1.00	1.00	1.50	3.50	5.17	7.44	9.00

Weighted statistics.

4.1 Demographics and Background (Overall)

Table 3: Distribution for: Gender - Overall

Level	N	Proportion_Respondents
Female	438	45.7%
Male	514	53.7%
Other/Non-Binary	5	0.6%
No Response	34	

Weighted proportions. N = count for level.

Table 4: Distribution for: Race/Ethnicity - Overall

Level	N	Proportion_Respondents
Asian	84	18.3%
Black	5	1.1%
Hispanic	20	4.4%
Other	22	4.8%
White	329	71.5%
No Response	532	

Weighted proportions. N = count for level.

Table 5: Distribution for: Education Level - Overall

Level	N	Proportion_Respondents
College Graduate	327	33.8%
High School or less	113	11.7%
Postgraduate	279	28.9%
Some College	247	25.6%
No Response	24	

Weighted proportions. N = count for level.

Table 6: Distribution for: Income - Overall

Level	N	Proportion_ Respondents
\$10,000 to \$12,499	7	1.2%
\$100,000 to \$124,999	56	10.2%
\$12,500 to \$14,999	2	0.4%
\$125,000 to \$149,999	40	7.3%
\$15,000 to \$19,999	11	2.0%
\$150,000 to \$174,999	32	5.8%
\$175,000 or more	165	30.1%
\$20,000 to \$24,999	12	2.2%
\$25,000 to \$29,999	10	1.8%
\$30,000 to \$34,999	8	1.4%
\$35,000 to \$39,999	6	1.1%
\$40,000 to \$49,999	13	2.3%
\$50,000 to \$59,999	16	2.9%
\$60,000 to \$74,999	22	4.1%
\$7,500 to \$9,999	3	0.6%
\$75,000 to \$84,999	17	3.0%
\$85,000 to \$99,999	32	5.8%
Less than \$5,000	12	2.1%
Rather not say	86	15.7%
No Response	444	

Weighted proportions. N = count for level.

Table 7: Distribution for: Marital Status - Overall

Level	N	Proportion_ Respondents
Divorced	47	8.2%
Living with partner	43	7.4%
Married	318	54.8%
Never married	147	25.3%
Separated	8	1.5%
Widowed	17	2.9%
No Response	411	

Weighted proportions. N = count for level.

Table 8: Distribution for: Political Interest - Overall

Level	N	Proportion_ Respondents
Hardly at all	8	1.5%
Most of the time	371	64.3%
Only now and then	51	8.8%
Some of the time	147	25.5%
No Response	414	

Weighted proportions. N = count for level.

Table 9: Distribution for: OC Resident Status - Overall

Level	N	Proportion_Respondents
No	53	5.5%
Yes	917	94.5%
No Response	21	

Weighted proportions. N = count for level.

Table 10: Distribution for: Residence Type - Overall

Level	N	Proportion_Respondents
Occupy without paying rent	33	5.6%
Own (by me or someone in my household)	365	62.8%
Rent (by me or someone in my household)	183	31.6%
No Response	411	

Weighted proportions. N = count for level.

4.2 Voting Behavior and Experience (Overall)

Table 11: Distribution for: Voted in Nov General Election - Overall

Level	N	Proportion_Respondents
I definitely voted in the November General Election	677	93.6%
I did not vote in the election this November	14	1.9%
I thought about voting this time, but didn't	7	1.0%
I tried to vote, but it ended up being too much trouble	12	1.6%
I tried to vote, but was not allowed to when I tried	4	0.6%
I usually vote, but didn't this time	9	1.2%
No Response	268	

Weighted proportions. N = count for level.

Table 12: Distribution for: First Time Voter Status - Overall

Level	N	Proportion_Respondents
I am a first time voter	44	6.3%
I have voted in elections before	647	93.7%
No Response	300	

Weighted proportions. N = count for level.

Table 13: Distribution for: Voting Method (Raw) - Overall

Level	N	Proportion_Respondents
Voted by mail	302	44.7%
Voted by returning my mail ballot to a drop box	279	41.3%
Voted by returning my mail ballot to a voting center	20	2.9%
Voted in person before Election Day at a voting center	44	6.5%
Voted in person on Election Day at a voting center	31	4.6%
No Response	316	

Weighted proportions. N = count for level.

Table 14: Distribution for: Wait Time in Line (Polling Place) - Overall

Level	N	Proportion_Respondents
10-30 minutes	8	10.5%
31 minutes – 1 hour	1	0.8%
Less than 10 minutes	25	34.5%
More than 1 hour (please specify how long below)	20	27.4%
Not at all	19	26.8%
No Response	919	

Weighted proportions. N = count for level.

Table 15: Distribution for: When Wait Occurred (Polling Place) - Overall

Level	N	Proportion_Respondents
Most of my wait was after I had checked in, and I was waiting to gain access to a voting machine or other place to vote	3	5.1%
Most of my wait was to check in to vote	47	89.2%
My wait in line was fairly evenly divided between checking in and waiting to cast my ballot	3	5.7%
No Response	938	

Weighted proportions. N = count for level.

Table 16: Distribution for: Difficulty Finding Poll Place - Overall

Level	N	Proportion_Respondents
Fairly easy	12	16.4%
Somewhat difficult	0	0.6%
Very easy	60	82.9%
No Response	919	

Weighted proportions. N = count for level.

Table 17: Distribution for: Type of Polling Place Building - Overall

Level	N	Proportion_Respondents
A store or shopping mall	1	0.9%
Church	2	3.1%
Community center	42	57.1%
Library	7	10.1%
Other (please specify below)	0	0.4%
Other government office (court house, municipal building, city hall, etc.)	4	5.6%
Police/Fire Station	1	0.8%
School building	14	18.9%
Senior center	2	3.0%
No Response	919	

Weighted proportions. N = count for level.

Table 18: Distribution for: Polling Place Operations Quality - Overall

Level	N	Proportion_Respondents
Not well — I saw some minor problems that affected the ability of a few people to vote	0	0.4%
Okay — I saw some minor problems, but nothing that interfered with people voting	33	45.0%
Terrible — I saw some major problems that affected the ability of many people to vote	2	2.7%
Very well — I did not see any problems at the polling place	38	51.8%
No Response	919	

Weighted proportions. N = count for level.

Table 19: Distribution for: Polling Place Open When Arrived - Overall

Level	N	Proportion_Respondents
It was closed	2	2.7%
It was open	71	97.3%
No Response	919	

Weighted proportions. N = count for level.

Table 20: Distribution for: Time of Day Voted (Polling Place) - Overall

Level	N	Proportion_Respondents
10:00 am – 10:59 am	5	7.1%
11:00 am – 11:59 noon	10	15.3%
12:00 noon – 12:59 pm	2	3.6%
1:00 pm – 1:59 pm	6	9.4%
2:00 pm – 2:59 pm	1	1.3%
3:00 pm – 3:59 pm	4	5.4%
4:00 pm – 4:59 pm	5	7.2%
5:00 pm – 5:59 pm	1	1.3%
6:00 pm – 6:59 pm	9	12.6%
7:00 am – 7:59 am	4	5.1%
7:00 pm – 7:59 pm	12	17.0%
8:00 am – 8:59 am	6	9.0%
9:00 am – 9:59 am	3	5.1%
After 9:00 pm	1	0.8%
No Response	923	

Weighted proportions. N = count for level.

Table 21: Distribution for: How Voting Fit Work/School Schedule - Overall

Level	N	Proportion_Respondents
I did not have work or school the day I voted	33	45.6%
I voted after work or school, but not on my way home	11	14.8%
I voted before work or school, but not on my way to work or school	3	4.7%
I voted during a break in my work- or school day	12	16.5%
I voted while on my way home after work or school	10	13.5%
I voted while on my way to work or school	3	4.8%
No Response	919	

Weighted proportions. N = count for level.

Table 22: Distribution for: Problem with Registration at Polls - Overall

Level	N	Proportion_Respondents
No	69	94.3%
Yes (please specify what problem, or problems, you had below)	4	5.7%
No Response	919	

Weighted proportions. N = count for level.

Table 23: Distribution for: Poll Worker Age Group - Overall

Level	N	Proportion_Respondents
Between 31 and 50	17	24.0%
Between 51 and 70	32	43.7%
I don't know	13	18.5%
Older than 70	1	2.0%
Under 30	9	11.8%
No Response	919	

Weighted proportions. N = count for level.

Table 24: Distribution for: Poll Worker Race/Ethnicity - Overall

Level	N	Proportion_Respondents
African-American	1	1.8%
Asian	22	29.6%
Hispanic	2	3.2%
I don't know	5	7.5%
I don't recall the race of my poll worker	21	28.8%
Other/multi-racial	4	5.3%
White	17	23.9%
No Response	919	

Weighted proportions. N = count for level.

Table 25: Distribution for: Main Reason for Choosing Vote Center - Overall

Level	N	Proportion_Respondents
It was close to my home	66	91.1%
It was close to my work	3	4.4%
It was convenient on my commute	3	4.5%
No Response	919	

Weighted proportions. N = count for level.

Table 26: Distribution for: How Found Vote Center Location - Overall

Level	N	Proportion_Respondents
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	13	17.6%
I picked from the list of Voter Centers inside the Voter Information Guide	10	14.0%
I saw a street sign	7	9.1%
I searched Google	27	37.6%
I used the Registrar of Voters' mapping lookup tool	2	3.0%
Using the nearest location printed on the back of the Voter Information Guide	14	18.7%
No Response	919	

Weighted proportions. N = count for level.

4.3 Vote By Mail (VBM) Experience (Overall)

Table 27: Distribution for: Main Reason for Voting By Mail - Overall

Level	N	Proportion_Respondents
I could not get to the polls on Election Day because of my work or school schedule	7	2.4%
I have a physical disability that makes it difficult for me to get to the polls	8	2.5%
I have signed up to receive a mail or absentee ballot automatically in each election	136	45.6%
I was out of town for this election	14	4.8%
Other (please specify below)	18	6.0%
Voting by mail or absentee was just more convenient for me this election	115	38.7%
No Response	694	

Weighted proportions. N = count for level.

Table 28: Distribution for: Problem Receiving VBM Ballot - Overall

Level	N	Proportion_Respondents
I don't know	1	0.3%
No	295	97.8%
Yes (please specify what problem, or problems, you had below)	6	1.9%
No Response	690	

Weighted proportions. N = count for level.

Table 29: Distribution for: Problem Marking VBM Ballot - Overall

Level	N	Proportion_Respondents
No	291	96.5%
Yes (please specify what problem, or problems, you had below)	10	3.5%
No Response	690	

Weighted proportions. N = count for level.

Table 30: Distribution for: Who Returned VBM Ballot - Overall

Level	N	Proportion_Respondents
I did, personally	297	98.4%
I don't remember	1	0.3%
Someone else did	4	1.2%
No Response	690	

Weighted proportions. N = count for level.

Table 31: Distribution for: Where VBM Ballot Was Returned - Overall

Level	N	Proportion_Respondents
Drop box used only for ballots, not located at an election office or polling place	22	7.2%
I don't know	0	0.1%
Main election office	1	0.4%
Official post office box not at a U.S. Postal Service location	20	6.5%
Other (please specify below)	21	6.9%
Picked up by the postal worker who delivers mail to my home	120	39.9%
Post office box at a U.S. Postal Service location	117	38.9%
No Response	690	

Weighted proportions. N = count for level.

Table 32: Distribution for: Timing of VBM Return - Overall

Level	N	Proportion_Respondents
A few days before Election Day	41	13.6%
I don't remember	20	6.8%
More than a week before Election Day	211	70.2%
On Election Day	1	0.3%
The week before Election Day	27	9.0%
No Response	691	

Weighted proportions. N = count for level.

Table 33: Distribution for: Wait Time at VBM Dropoff Location - Overall

Level	N	Proportion_Respondents
10-30 minutes	1	0.4%
I don't know	5	3.1%
Less than 10 minutes	12	7.5%
Not at all	139	89.0%
No Response	835	

Weighted proportions. N = count for level.

Table 34: Distribution for: Main Reason Choosing Dropoff Location - Overall

Level	N	Proportion_Respondents
I don't know	1	0.5%
It was close to my home	122	78.0%
It was close, or on my way, to where I had errands to run	24	15.6%
It was convenient to my work or school	9	5.9%
No Response	835	

Weighted proportions. N = count for level.

4.4 BallotTrax, Dropbox, and VBM Return at Vote Center (Overall)

Table 35: Distribution for: Aware of BallotTrax - Overall

Level	N	Proportion_Respondents
No	51	64.1%
Yes	29	35.9%
No Response	911	

Weighted proportions. N = count for level.

Table 36: Distribution for: Signed up for BallotTrax - Overall

Level	N	Proportion_Respondents
I don't remember	29	9.5%
No	63	21.0%
Yes	209	69.5%
No Response	691	

Weighted proportions. N = count for level.

Table 37: Distribution for: Main Reason Using Dropbox - Overall

Level	N	Proportion_Respondents
Dropping off my ballot was just more convenient for me this election	118	42.8%
I could not get to the polls on Election Day because of my work or school schedule	25	8.9%
I don't trust the mail	11	4.0%
I have a physical disability that makes it difficult for me to get to a vote center	2	0.8%
I like taking the time to research and mark my ballot	57	20.8%
I like voting by mail because of the tracking and security measures	17	6.0%
I prefer knowing my ballot is picked up by Registrar of Voters employees	34	12.3%
I prefer to vote in-person, but could not get to a vote center because of my work or school schedule	1	0.4%
I was an election official or poll worker	1	0.5%
I was out of town for this election	1	0.5%
Other (please specify below)	8	3.0%
No Response	715	

Weighted proportions. N = count for level.

Table 38: Distribution for: How Found Dropbox Location - Overall

Level	N	Proportion_Respondents
I don't know	3	1.0%
I picked from the list of ballot drop boxes inside the Voter Information Guide	33	12.1%
I picked from the list of ballot drop boxes on the Registrar of Voters' website (ocvote.gov)	36	13.2%
I saw the drop box and used it	105	38.4%
I searched Google	22	8.0%
I used the Registrar of Voters' mapping lookup tool	32	11.6%
Using the nearest location printed on the back of the Voter Information Guide	43	15.7%
No Response	717	

Weighted proportions. N = count for level.

Table 39: Distribution for: Problem Receiving Ballot (Dropbox User) - Overall

Level	N	Proportion_Respondents
I don't know	2	0.6%
No	272	98.5%
Yes (please specify what problem, or problems, you had below)	3	0.9%
No Response	715	

Weighted proportions. N = count for level.

Table 40: Distribution for: Who Returned Ballot to Dropbox - Overall

Level	N	Proportion_Respondents
I did, personally	269	97.3%
Someone else did	7	2.7%
No Response	715	

Weighted proportions. N = count for level.

Table 41: Distribution for: Timing of Dropbox Return - Overall

Level	N	Proportion_Respondents
I don't remember	27	9.7%
Immediately after receiving it	57	20.6%
On election day	29	10.6%
The week before the election	47	17.1%
Three weeks before the election	49	17.9%
Two weeks before the election	66	24.0%
No Response	716	

Weighted proportions. N = count for level.

Table 42: Distribution for: Main Reason Dropping VBM at Vote Center - Overall

Level	N	Proportion_Respondents
Dropping off my ballot was just more convenient for me this election	6	33.2%
I don't trust the mail	0	1.1%
I don't trust the official ballot dropboxes	1	5.2%
I like taking the time to research and mark my ballot	2	10.9%
I prefer knowing my ballot is picked up by Registrar of Voters employees	5	24.4%
Other (please specify below)	5	25.1%
No Response	972	

Weighted proportions. N = count for level.

Table 43: Distribution for: How Found VC to Return VBM Ballot - Overall

Level	N	Proportion_Respondents
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	2	11.0%
I picked from the list of Voter Centers inside the Voter Information Guide	9	62.4%
I searched Google	0	1.5%
I used the Registrar of Voters' mapping lookup tool	1	3.9%
Using the nearest location printed on the back of the Voter Information Guide	3	21.2%
No Response	977	

Weighted proportions. N = count for level.

Table 44: Distribution for: Problem Receiving Ballot (VC Returner) - Overall

Level	N	Proportion_Respondents
No	20	100.0%
No Response	972	

Weighted proportions. N = count for level.

Table 45: Distribution for: Problem Marking Ballot (VC Returner) - Overall

Level	N	Proportion_Respondents
No	19	98.5%
Yes (please specify what problem, or problems, you had below)	0	1.5%
No Response	972	

Weighted proportions. N = count for level.

Table 46: Distribution for: Who Returned Ballot to Vote Center - Overall

Level	N	Proportion_Respondents
I did, personally	17	91.4%
Someone else did	2	8.6%
No Response	972	

Weighted proportions. N = count for level.

Table 47: Distribution for: Timing of Vote Center Return - Overall

Level	N	Proportion_Respondents
I don't remember	4	23.1%
Immediately after receiving it	1	7.9%
On election day	3	18.8%
The week before the election	5	27.4%
Three weeks before the election	1	2.8%
Two weeks before the election	4	19.9%
No Response	973	

Weighted proportions. N = count for level.

4.5 News Sources

Table 48: Distribution for: Freq: OC News Sources - Overall

Level	N	Proportion_Respondents
Almost never	169	29.4%
Frequently	122	21.1%
Not sure	18	3.1%
Occasionally	194	33.6%
Very frequently	74	12.9%
No Response	415	

Weighted proportions. N = count for level.

Table 49: Distribution for: Freq: LA News Sources - Overall

Level	N	Proportion_Respondents
Almost never	210	36.3%
Frequently	122	21.1%
Not sure	18	3.1%
Occasionally	157	27.1%
Very frequently	72	12.5%
No Response	413	

Weighted proportions. N = count for level.

Table 50: Distribution for: Freq: Local TV News - Overall

Level	N	Proportion_Respondents
Almost never	236	40.7%
Frequently	102	17.5%
Not sure	12	2.0%
Occasionally	142	24.5%
Very frequently	89	15.3%
No Response	411	

Weighted proportions. N = count for level.

Table 51: Distribution for: Freq: Social Media for Local News - Overall

Level	N	Proportion_Respondents
Almost never	121	21.1%
Frequently	150	26.1%
Not sure	11	2.0%
Occasionally	132	23.1%
Very frequently	159	27.8%
No Response	418	

Weighted proportions. N = count for level.

4.6 OCROV Priorities: Plots

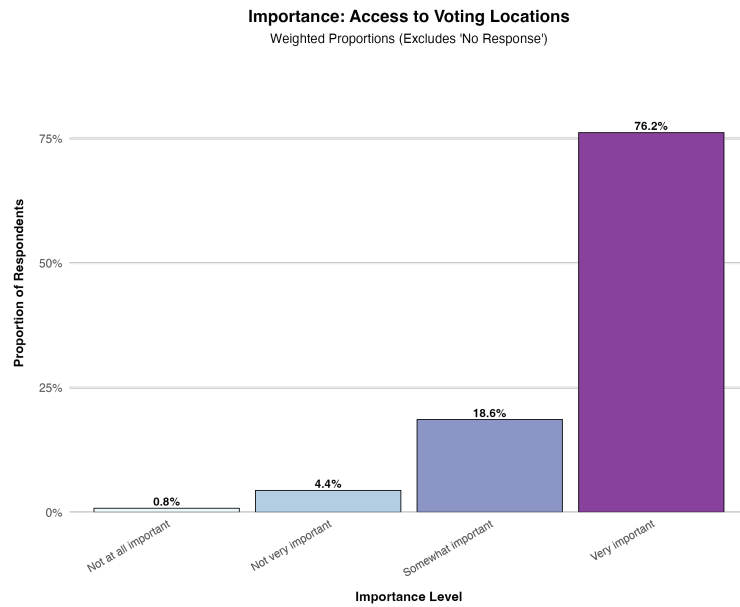


Figure 1: Importance assessment for “Access”. Weighted Proportions.

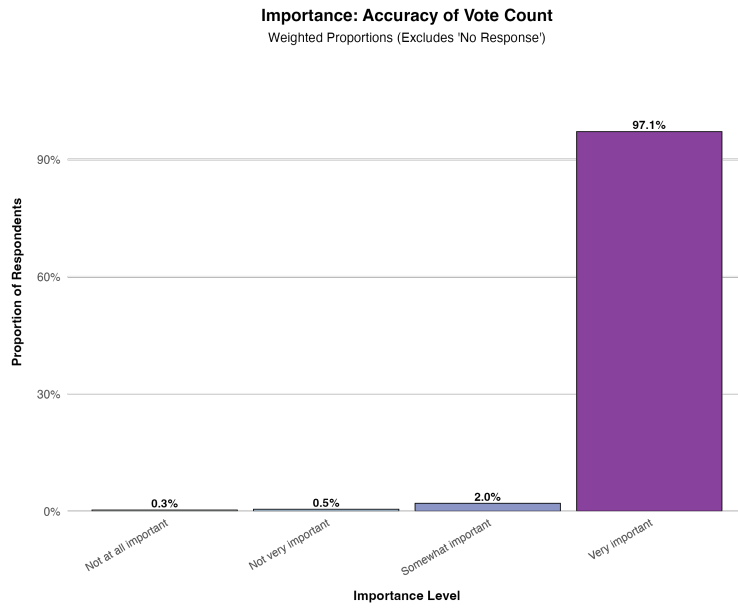


Figure 2: Importance assessment for “Accuracy”. Weighted Proportions.

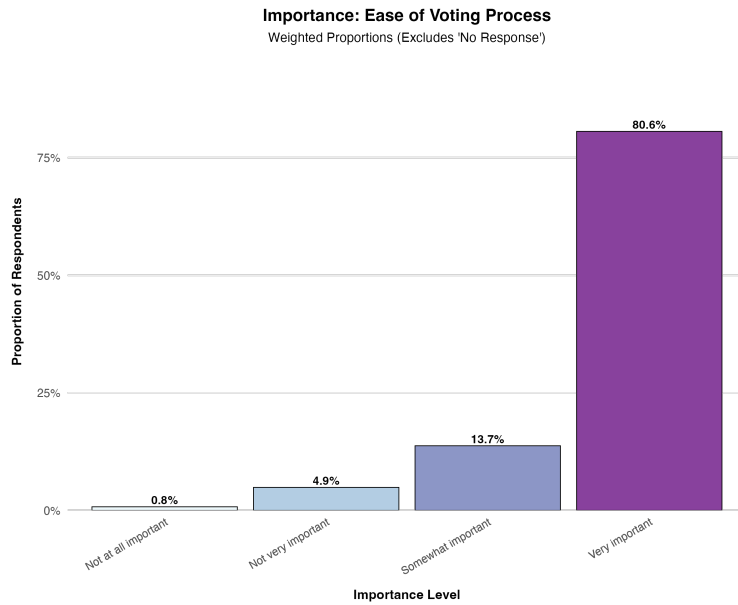


Figure 3: Importance assessment for “Ease”. Weighted Proportions.

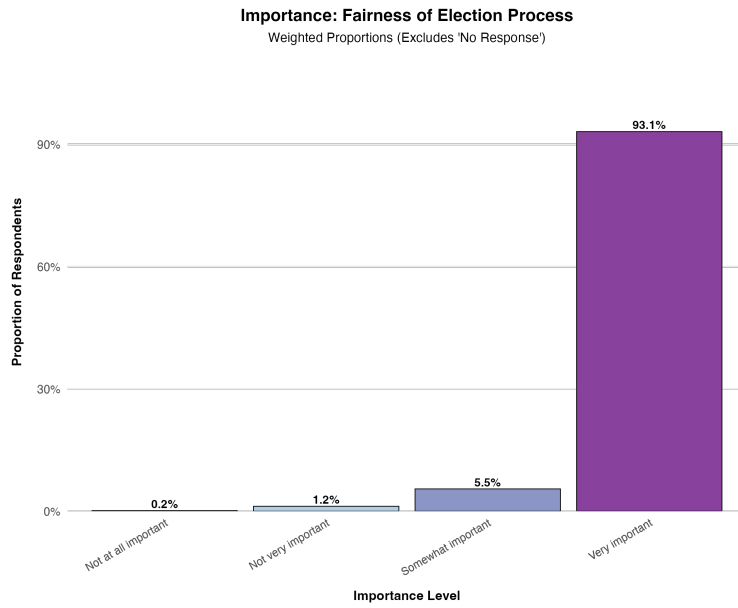


Figure 4: Importance assessment for “Fairness”. Weighted Proportions.

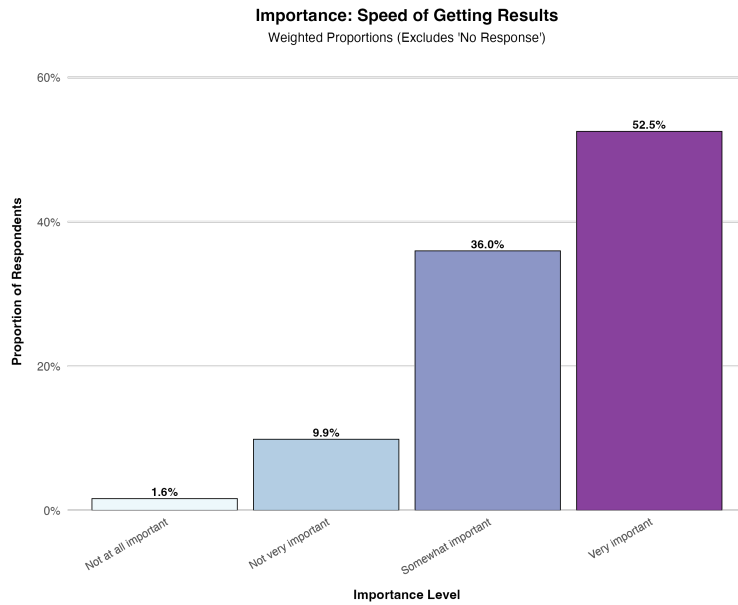


Figure 5: Importance assessment for “Speed”. Weighted Proportions.

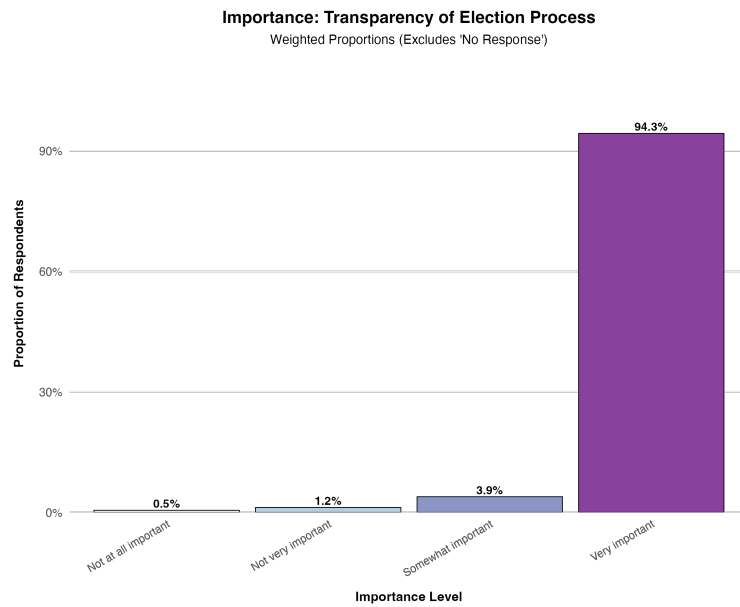


Figure 6: Importance assessment for “Transparency”. Weighted Proportions.

4.7 OCROV Priorities: Tables

Table 52: Distribution for: ROV Importance: Accuracy - Overall

Level	N	Proportion_Respondents
Not at all important	2	0.3%
Not very important	3	0.5%
Somewhat important	12	2.0%
Very important	554	97.1%
No Response	421	

Weighted proportions. N = count for level.

Table 53: Distribution for: ROV Importance: Speed - Overall

Level	N	Proportion_Respondents
Not at all important	9	1.6%
Not very important	56	9.9%
Somewhat important	204	36.0%
Very important	297	52.5%
No Response	425	

Weighted proportions. N = count for level.

Table 54: Distribution for: ROV Importance: Accessibility - Overall

Level	N	Proportion_Respondents
Not at all important	4	0.8%
Not very important	25	4.4%
Somewhat important	104	18.6%
Very important	427	76.2%
No Response	431	

Weighted proportions. N = count for level.

Table 55: Distribution for: ROV Importance: Ease of Voting - Overall

Level	N	Proportion_Respondents
Not at all important	4	0.8%
Not very important	28	4.9%
Somewhat important	78	13.7%
Very important	459	80.6%
No Response	422	

Weighted proportions. N = count for level.

Table 56: Distribution for: ROV Importance: Transparency - Overall

Level	N	Proportion_Respondents
Not at all important	3	0.5%
Not very important	7	1.2%
Somewhat important	22	3.9%
Very important	536	94.3%
No Response	423	

Weighted proportions. N = count for level.

Table 57: Distribution for: ROV Importance: Fairness - Overall

Level	N	Proportion_Respondents
Not at all important	1	0.2%
Not very important	7	1.2%
Somewhat important	31	5.5%
Very important	530	93.1%
No Response	423	

Weighted proportions. N = count for level.

4.8 Election Integrity Confidence: Plots

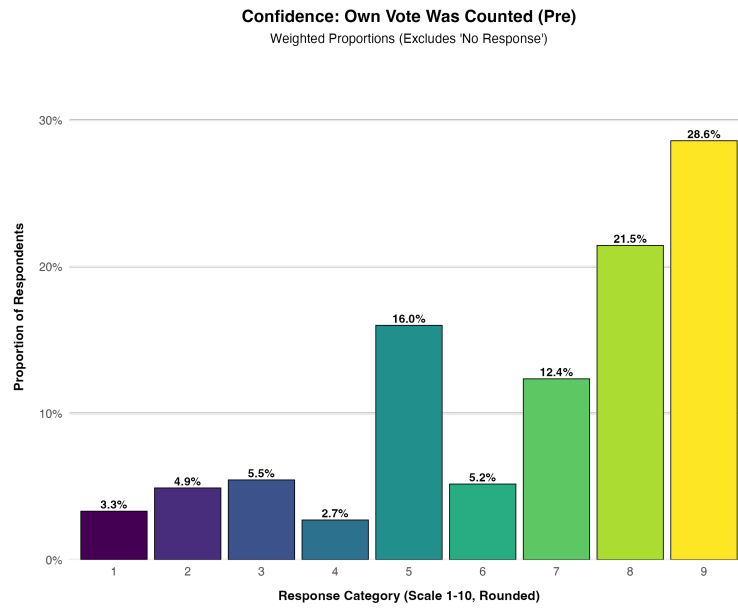


Figure 7: Confidence own ballot was counted correctly. Weighted Proportions.

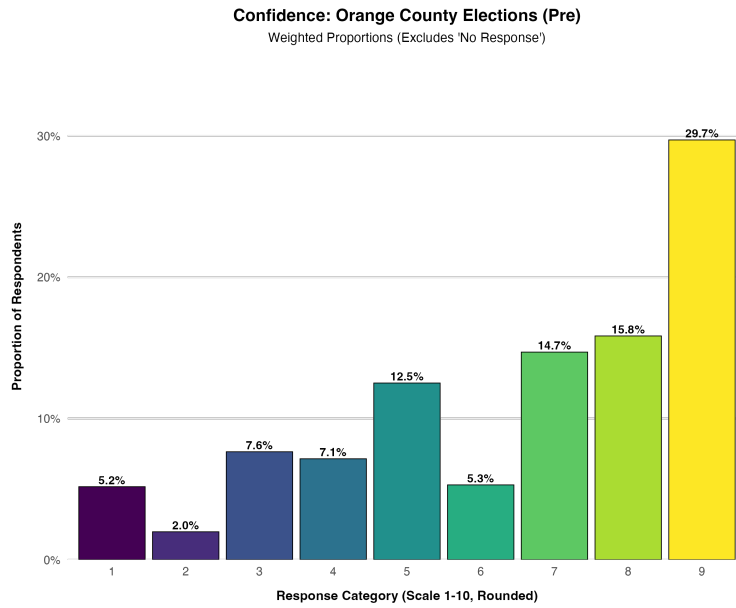


Figure 8: Confidence OC ballots were counted correctly. Weighted Proportions.

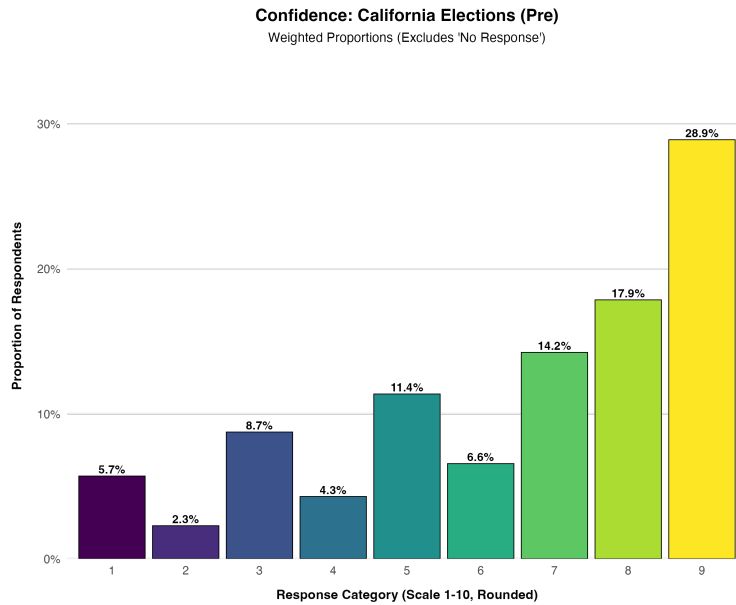


Figure 9: Confidence California ballots were counted correctly. Weighted Proportions.

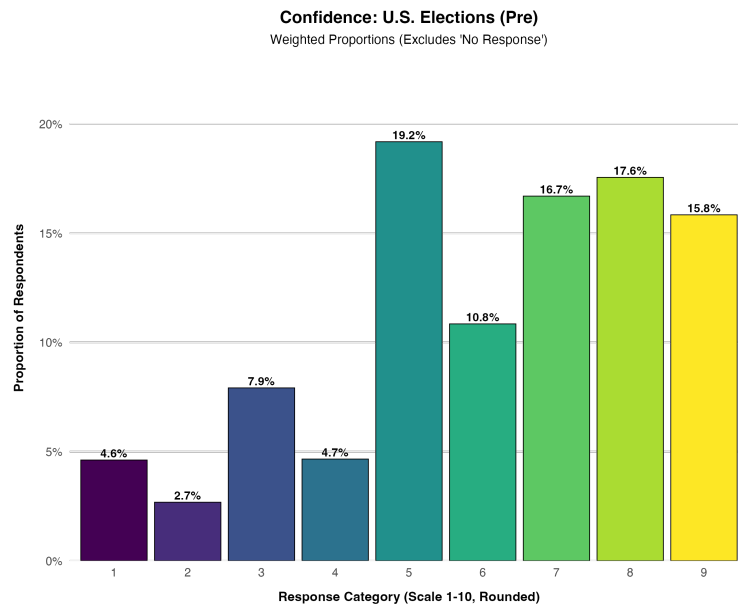


Figure 10: Confidence national ballots were counted correctly. Weighted Proportions.

4.9 Election Fraud Confidence: Plots

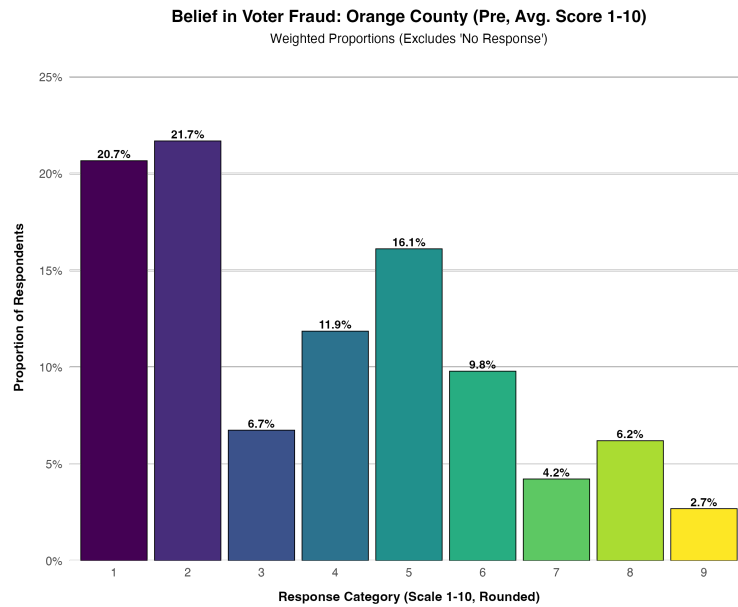


Figure 11: Average confidence election fraud occurred in OC. Weighted Proportions.

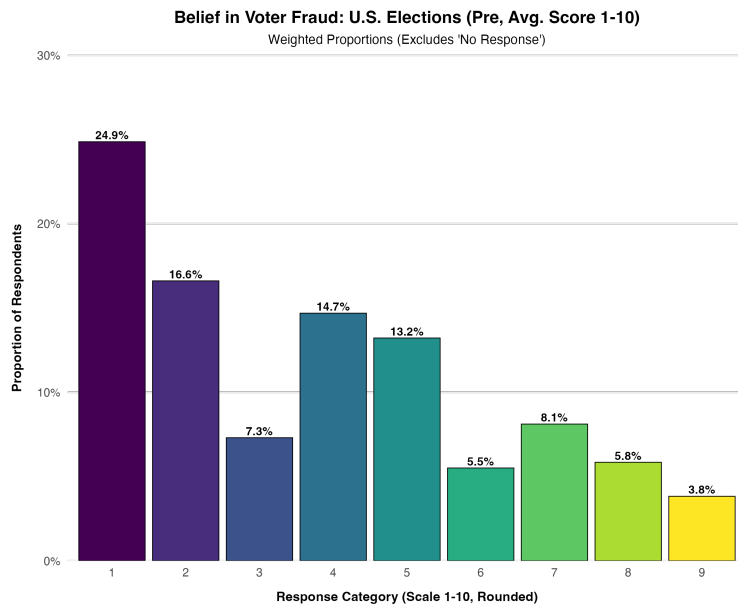


Figure 12: Average confidence election fraud occurred nationally. Weighted Proportions.

5 Raw Text Responses

Table 58: Text Responses

var	response
gender	There are ONLY 2 genders
gender	Non binary
gender	Queer
gender	Good voting organization
polling_place_type	Equestrian Central
wait_time_line	2 hours
wait_time_line	2 hours
wait_time_line	3 hrs
registration_problem	The staff could not find me in the system because I was registered to vote via mail, so I needed to fill out a supplemental ballot
registration_problem	They wouldn't let me prove that I was registered with my ID.
registration_problem	I was mysteriously registered Democrat
registration_problem	Because I live in Seal Beach but I work in Lancaster
reason_vbm	As a retired US Citizen my residence is in Hungary. My US mailing address is in Huntington Beach. I voted through a FAX service electronically
reason_vbm	living abroad
reason_vbm	I live in Canada
reason_vbm	Highest chance to be counted
reason_vbm	I am older person with limited mobility
reason_vbm	US citizen residing overseas indefinitely
reason_vbm	I live outside of the country and am not in the armed forces
reason_vbm	I live outside the usa
reason_vbm	I DON'T HAVE A LICENSE WHAHHHH
reason_vbm	I live in Australia
reason_vbm	I live in Canada/Expatriate
reason_vbm	Ballot came in the mail
reason_vbm	I wanted my vote counted as early as possible
reason_vbm	I live outside the USA
reason_vbm	I live in Europe
vbm_receive_problem	My ballot was not mailed, I downloaded it electronically and submitted it using a FAX service
vbm_receive_problem	My absentee ballot was not mailed to the correct address... had to print it out myself.
vbm_receive_problem	Stroke Aphasia Apraxia right Hemiparesis,I understand everything you say to me,I have difficulty telling you what!
vbm_receive_problem	I receive instructions via email. No physical ballot was received by mail.

Non-empty responses for text variables.

Table 59: Text Responses

var	response
vbm_marking_problem	ink leaks through mark
vbm_marking_problem	I accidentally ripped my ballot, but I tapped it.
vbm_marking_problem	absentee ballot not being sent to the right address
vbm_marking_problem	Communication
vbm_marking_problem	Not enough information on the state/county ballots and people; had to look up stuff online
vbm_return_location	Submitted electrphonically to a FAX service
vbm_return_location	In a friend's neighborhood where the outgoing mail is secure
vbm_return_location	Mail drop off at work
vbm_return_location	dropped of at US consulate in Germany
vbm_return_location	by fax
vbm_return_location	Registrar of Voters
vbm_return_location	fax
vbm_return_location	Inside Post Office
vbm_return_location	Church was allowed to collect Ballots
vbm_return_location	Fax number provided by Orange County Registrar of Voters
vbm_return_location	POST OFFICE
vbm_return_location	I live in Canada where most mail is dropped into a Canada Post mail slot. I dropped it off there
vbm_return_location	Dropped off at the YS embassy
vbm_return_location	Australia Post sent to US PO Box
vbm_return_location	Outgoing Office mail
vbm_return_location	International mail
vbm_return_location	Office mail at my work
vbm_return_location	Mail box
reason_use_dropbox	I voted by personally dropped my ballot in a post office secured drop box!
reason_use_dropbox	I knew I had to vote early, so others who were going to cheat would have a harder time.
reason_use_dropbox	vote early for security
reason_use_dropbox	Living abroad, Australia
reason_use_dropbox	I had to make sure that Trump won!
reason_use_dropbox	The voting site denied they were a voting site and refused to take my ballot
reason_use_dropbox	Did not want to wait in line
vbm_dropbox_receive_problem	Just struggled to become familiar with the process
db_problem	I skipped an item and forgot to return to it
db_problem	Was a difficult process mail in vote from overseas
db_problem	Some of the wording was confusing.
reason_dropoff_at_votecenter	I am living abroad.
reason_dropoff_at_votecenter	Partner dropped off at Registrar office
reason_dropoff_at_votecenter	by overseas easy feels safe and counted
vbm_vc_marking_problem	little confusing
race	white + native hawaiian
race	Germania white is nit a race
race	mexican American
race	American
race	Eastern European
race	Human
race	Armenian, Scottish, American 5 generations
race	Pacific islander
race	What
race	Born in Los Angeles, ca I Columbian German Lebanese mixture
race	Columbian German Lebanese

Non-empty responses for text variables.

A Unweighted Summary Statistics

The following tables summarize the data for all respondents included in the analysis.

Table 60: Summary Statistics (Numeric Variables): Overall

Variable	N	Mean	SD	Min	Q10	Q25	Median	Q75	Q90	Max
Age	901	63.35	16.61	19.00	39.00	54.00	68.00	75.00	81.00	96.00
Years at Residence	491	16.12	13.79	0.00	2.00	5.00	10.00	25.00	35.00	60.00
Months at Residence	20	6.65	5.73	2.00	3.00	3.00	5.50	9.00	9.20	28.00
Efficacy (Officials Care)	891	2.70	1.24	1.00	1.00	2.00	3.00	4.00	4.00	5.00
Efficacy (Have a Say)	883	2.81	1.33	1.00	1.00	2.00	2.00	4.00	5.00	5.00
Conf. Own Vote Counted	319	6.71	2.36	1.00	3.00	5.00	8.00	9.00	9.00	9.00
Conf. OC Votes Counted	338	6.72	2.30	1.00	3.00	5.00	7.00	9.00	9.00	9.00
Conf. CA Votes Counted	354	6.44	2.47	1.00	2.30	5.00	7.00	9.00	9.00	9.00
Conf. US Votes Counted	512	6.28	2.18	1.00	3.00	5.00	7.00	8.00	9.00	9.00
Avg Belief in OC Fraud	589	3.87	2.43	1.00	1.00	1.50	3.89	5.50	7.56	9.00
Avg Belief in US Fraud	530	3.79	2.53	1.00	1.00	1.33	3.27	5.66	7.84	9.00

Unweighted statistics.

A.1 Demographics and Background (Overall)

Table 61: Distribution for: Gender - Overall

Level	N	Proportion
Female	409	40.1%
Male	494	48.5%
Other/Non-Binary	4	0.4%
NA	112	11.0%
Unweighted proportions (%). N = count for level.		

Table 62: Distribution for: Race/Ethnicity - Overall

Level	N	Proportion
Asian	64	6.3%
Black	4	0.4%
Hispanic	21	2.1%
Other	15	1.5%
White	440	43.2%
NA	475	46.6%
Unweighted proportions (%). N = count for level.		

Table 63: Distribution for: Education Level - Overall

Level	N	Proportion
College Graduate	291	28.6%
High School or less	64	6.3%
NULL	104	10.2%
Postgraduate	316	31.0%
Some College	244	23.9%
Unweighted proportions (%). N = count for level.		

Table 64: Distribution for: Income - Overall

Level	N	Proportion
	460	45.1%
\$10,000 to \$12,499	8	0.8%
\$100,000 to \$124,999	69	6.8%
\$12,500 to \$14,999	1	0.1%
\$125,000 to \$149,999	38	3.7%
\$15,000 to \$19,999	7	0.7%
\$150,000 to \$174,999	31	3.0%
\$175,000 or more	149	14.6%
\$20,000 to \$24,999	11	1.1%
\$25,000 to \$29,999	12	1.2%
\$30,000 to \$34,999	13	1.3%
\$35,000 to \$39,999	7	0.7%
\$40,000 to \$49,999	18	1.8%
\$50,000 to \$59,999	23	2.3%
\$60,000 to \$74,999	27	2.6%
\$7,500 to \$9,999	4	0.4%
\$75,000 to \$84,999	22	2.2%
\$85,000 to \$99,999	24	2.4%
Less than \$5,000	7	0.7%
Rather not say	88	8.6%

Unweighted proportions (%). N = count for level.

Table 65: Distribution for: Marital Status - Overall

Level	N	Proportion
	418	41.0%
Divorced	77	7.6%
Living with partner	26	2.6%
Married	364	35.7%
Never married	72	7.1%
Separated	5	0.5%
Widowed	57	5.6%

Unweighted proportions (%). N = count for level.

Table 66: Distribution for: Political Interest - Overall

Level	N	Proportion
	415	40.7%
Hardly at all	9	0.9%
Most of the time	439	43.1%
Only now and then	35	3.4%
Some of the time	121	11.9%

Unweighted proportions (%). N = count for level.

Table 67: Distribution for: OC Resident Status - Overall

Level	N	Proportion
	97	9.5%
No	35	3.4%
Yes	887	87.0%
Unweighted proportions (%). N = count for level.		

Table 68: Distribution for: Residence Type - Overall

Level	N	Proportion
	418	41.0%
Occupy without paying rent	15	1.5%
Own (by me or someone in my household)	458	44.9%
Rent (by me or someone in my household)	128	12.6%
Unweighted proportions (%). N = count for level.		

A.2 Voting Behavior and Experience (Overall)

Table 69: Distribution for: Voted in Nov General Election - Overall

Level	N	Proportion
	283	27.8%
I definitely voted in the November General Election	704	69.1%
I did not vote in the election this November	16	1.6%
I thought about voting this time, but didn't	4	0.4%
I tried to vote, but it ended up being too much trouble	4	0.4%
I tried to vote, but was not allowed to when I tried	2	0.2%
I usually vote, but didn't this time	6	0.6%

Unweighted proportions (%). N = count for level.

Table 70: Distribution for: First Time Voter Status - Overall

Level	N	Proportion
	310	30.4%
I am a first time voter	18	1.8%
I have voted in elections before	691	67.8%

Unweighted proportions (%). N = count for level.

Table 71: Distribution for: Voting Method (Raw) - Overall

Level	N	Proportion
	318	31.2%
Voted by mail	362	35.5%
Voted by returning my mail ballot to a drop box	254	24.9%
Voted by returning my mail ballot to a voting center	24	2.4%
Voted in person before Election Day at a voting center	41	4.0%
Voted in person on Election Day at a voting center	20	2.0%

Unweighted proportions (%). N = count for level.

Table 72: Distribution for: Wait Time in Line (Polling Place) - Overall

Level	N	Proportion
	959	94.1%
10-30 minutes	7	0.7%
31 minutes – 1 hour	1	0.1%
Less than 10 minutes	21	2.1%
More than 1 hour (please specify how long below)	3	0.3%
Not at all	28	2.7%

Unweighted proportions (%). N = count for level.

Table 73: Distribution for: When Wait Occurred (Polling Place) - Overall

Level	N	Pro
	987	
Most of my wait was after I had checked in, and I was waiting to gain access to a voting machine or other place to vote	4	
Most of my wait was to check in to vote	25	
My wait in line was fairly evenly divided between checking in and waiting to cast my ballot	3	
Unweighted proportions (%). N = count for level.		

Table 74: Distribution for: Difficulty Finding Poll Place - Overall

Level	N	Proportion
	959	94.1%
Fairly easy	9	0.9%
Somewhat difficult	1	0.1%
Very easy	50	4.9%
Unweighted proportions (%). N = count for level.		

Table 75: Distribution for: Type of Polling Place Building - Overall

Level	N	Proportion
	959	94.1%
A store or shopping mall	1	0.1%
Church	2	0.2%
Community center	34	3.3%
Library	6	0.6%
Other (please specify below)	1	0.1%
Other government office (court house, municipal building, city hall, etc.)	7	0.7%
Police/Fire Station	1	0.1%
School building	5	0.5%
Senior center	3	0.3%
Unweighted proportions (%). N = count for level.		

Table 76: Distribution for: Polling Place Operations Quality - Overall

Level	N	Proportion
	959	94.1%
Not well — I saw some minor problems that affected the ability of a few people to vote	1	0.1%
Okay — I saw some minor problems, but nothing that interfered with people voting	11	1.1%
Terrible — I saw some major problems that affected the ability of many people to vote	1	0.1%
Very well — I did not see any problems at the polling place	47	4.6%
Unweighted proportions (%). N = count for level.		

Table 77: Distribution for: Polling Place Open When Arrived - Overall

Level	N	Proportion
	959	94.1%
It was closed	2	0.2%
It was open	58	5.7%
Unweighted proportions (%). N = count for level.		

Table 78: Distribution for: Time of Day Voted (Polling Place) - Overall

Level	N	Proportion
	962	94.4%
10:00 am – 10:59 am	10	1.0%
11:00 am – 11:59 noon	11	1.1%
12:00 noon – 12:59 pm	2	0.2%
1:00 pm – 1:59 pm	7	0.7%
2:00 pm – 2:59 pm	1	0.1%
3:00 pm – 3:59 pm	5	0.5%
4:00 pm – 4:59 pm	4	0.4%
5:00 pm – 5:59 pm	1	0.1%
6:00 pm – 6:59 pm	1	0.1%
7:00 am – 7:59 am	2	0.2%
7:00 pm – 7:59 pm	2	0.2%
8:00 am – 8:59 am	5	0.5%
9:00 am – 9:59 am	5	0.5%
After 9:00 pm	1	0.1%

Unweighted proportions (%). N = count for level.

Table 79: Distribution for: How Voting Fit Work/School Schedule - Overall

Level	N	Proportion
	959	94.1%
I did not have work or school the day I voted	36	3.5%
I voted after work or school, but not on my way home	3	0.3%
I voted before work or school, but not on my way to work or school	2	0.2%
I voted during a break in my work- or school day	10	1.0%
I voted while on my way home after work or school	7	0.7%
I voted while on my way to work or school	2	0.2%

Unweighted proportions (%). N = count for level.

Table 80: Distribution for: Problem with Registration at Polls - Overall

Level	N	Proportion
	959	94.1%
No	56	5.5%
Yes (please specify what problem, or problems, you had below)	4	0.4%

Unweighted proportions (%). N = count for level.

Table 81: Distribution for: Poll Worker Age Group - Overall

Level	N	Proportion
	959	94.1%
Between 31 and 50	13	1.3%
Between 51 and 70	26	2.6%
I don't know	18	1.8%
Older than 70	2	0.2%
Under 30	1	0.1%

Unweighted proportions (%). N = count for level.

Table 82: Distribution for: Poll Worker Race/Ethnicity - Overall

Level	N	Proportion
	959	94.1%
African-American	2	0.2%
Asian	5	0.5%
Hispanic	2	0.2%
I don't know	9	0.9%
I don't recall the race of my poll worker	26	2.6%
Other/multi-racial	3	0.3%
White	13	1.3%

Unweighted proportions (%). N = count for level.

Table 83: Distribution for: Main Reason for Choosing Vote Center - Overall

Level	N	Proportion
	961	94.3%
It was close to my home	51	5.0%
It was close to my work	2	0.2%
It was convenient on my commute	5	0.5%

Unweighted proportions (%). N = count for level.

Table 84: Distribution for: How Found Vote Center Location - Overall

Level	N	Proportion
	959	94.1%
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	14	1.4%
I picked from the list of Voter Centers inside the Voter Information Guide	13	1.3%
I saw a street sign	5	0.5%
I searched Google	9	0.9%
I used the Registrar of Voters' mapping lookup tool	2	0.2%
Using the nearest location printed on the back of the Voter Information Guide	17	1.7%

Unweighted proportions (%). N = count for level.

A.3 Vote By Mail (VBM) Experience (Overall)

Table 85: Distribution for: Main Reason for Voting By Mail - Overall

Level	N	Proportion
	659	64.7%
I could not get to the polls on Election Day because of my work or school schedule	4	0.4%
I have a physical disability that makes it difficult for me to get to the polls	14	1.4%
I have signed up to receive a mail or absentee ballot automatically in each election	186	18.3%
I was out of town for this election	11	1.1%
Other (please specify below)	15	1.5%
Voting by mail or absentee was just more convenient for me this election	130	12.8%

Unweighted proportions (%). N = count for level.

Table 86: Distribution for: Problem Receiving VBM Ballot - Overall

Level	N	Proportion
	658	64.6%
I don't know	1	0.1%
No	356	34.9%
Yes (please specify what problem, or problems, you had below)	4	0.4%

Unweighted proportions (%). N = count for level.

Table 87: Distribution for: Problem Marking VBM Ballot - Overall

Level	N	Proportion
	659	64.7%
No	354	34.7%
Yes (please specify what problem, or problems, you had below)	6	0.6%

Unweighted proportions (%). N = count for level.

Table 88: Distribution for: Who Returned VBM Ballot - Overall

Level	N	Proportion
	658	64.6%
I did, personally	351	34.4%
I don't remember	2	0.2%
Someone else did	8	0.8%

Unweighted proportions (%). N = count for level.

Table 89: Distribution for: Where VBM Ballot Was Returned - Overall

Level	N	Proportion
	658	64.6%
Drop box used only for ballots, not located at an election office or polling place	25	2.5%
I don't know	2	0.2%
Main election office	2	0.2%
Official post office box not at a U.S. Postal Service location	26	2.6%
Other (please specify below)	18	1.8%
Picked up by the postal worker who delivers mail to my home	124	12.2%
Post office box at a U.S. Postal Service location	164	16.1%

Unweighted proportions (%). N = count for level.

Table 90: Distribution for: Timing of VBM Return - Overall

Level	N	Proportion
	662	65.0%
A few days before Election Day	21	2.1%
I don't remember	25	2.5%
More than a week before Election Day	268	26.3%
On Election Day	1	0.1%
The week before Election Day	42	4.1%

Unweighted proportions (%). N = count for level.

Table 91: Distribution for: Wait Time at VBM Dropoff Location - Overall

Level	N	Proportion
	809	79.4%
10-30 minutes	1	0.1%
I don't know	4	0.4%
Less than 10 minutes	13	1.3%
Not at all	192	18.8%

Unweighted proportions (%). N = count for level.

Table 92: Distribution for: Main Reason Choosing Dropoff Location - Overall

Level	N	Proportion
	809	79.4%
I don't know	2	0.2%
It was close to my home	154	15.1%
It was close, or on my way, to where I had errands to run	41	4.0%
It was convenient to my work or school	13	1.3%

Unweighted proportions (%). N = count for level.

A.4 BallotTrax, Dropbox, and VBM Return at Vote Center (Overall)

Table 93: Distribution for: Aware of BallotTrax - Overall

Level	N	Proportion
	886	86.9%
No	76	7.5%
Yes	57	5.6%

Unweighted proportions (%). N = count for level.

Table 94: Distribution for: Signed up for BallotTrax - Overall

Level	N	Proportion
	661	64.9%
I don't remember	39	3.8%
No	104	10.2%
Yes	215	21.1%

Unweighted proportions (%). N = count for level.

Table 95: Distribution for: Main Reason Using Dropbox - Overall

Level	N	Proportion
	766	75.2%
Dropping off my ballot was just more convenient for me this election	116	11.4%
I could not get to the polls on Election Day because of my work or school schedule	6	0.6%
I don't trust the mail	13	1.3%
I have a physical disability that makes it difficult for me to get to a vote center	5	0.5%
I like taking the time to research and mark my ballot	41	4.0%
I like voting by mail because of the tracking and security measures	13	1.3%
I prefer knowing my ballot is picked up by Registrar of Voters employees	43	4.2%
I prefer to vote in-person, but could not get to a vote center because of my work or school schedule	3	0.3%
I was an election official or poll worker	2	0.2%
I was out of town for this election	4	0.4%
Other (please specify below)	7	0.7%

Unweighted proportions (%). N = count for level.

Table 96: Distribution for: How Found Dropbox Location - Overall

Level	N	Proportion
	769	75.5%
I don't know	4	0.4%
I picked from the list of ballot drop boxes inside the Voter Information Guide	32	3.1%
I picked from the list of ballot drop boxes on the Registrar of Voters' website (ocvote.gov)	25	2.5%
I saw the drop box and used it	106	10.4%
I searched Google	17	1.7%
I used the Registrar of Voters' mapping lookup tool	17	1.7%
Using the nearest location printed on the back of the Voter Information Guide	49	4.8%

Unweighted proportions (%). N = count for level.

Table 97: Distribution for: Problem Receiving Ballot (Dropbox User) - Overall

Level	N	Proportion
	766	75.2%
I don't know	2	0.2%
No	249	24.4%
Yes (please specify what problem, or problems, you had below)	2	0.2%

Unweighted proportions (%). N = count for level.

Table 98: Distribution for: Who Returned Ballot to Dropbox - Overall

Level	N	Proportion
	766	75.2%
I did, personally	243	23.8%
Someone else did	10	1.0%

Unweighted proportions (%). N = count for level.

Table 99: Distribution for: Timing of Dropbox Return - Overall

Level	N	Proportion
	768	75.4%
I don't remember	23	2.3%
Immediately after receiving it	54	5.3%
On election day	16	1.6%
The week before the election	47	4.6%
Three weeks before the election	49	4.8%
Two weeks before the election	62	6.1%

Unweighted proportions (%). N = count for level.

Table 100: Distribution for: Main Reason Dropping VBM at Vote Center - Overall

Level	N	Proportion
	996	97.7%
Dropping off my ballot was just more convenient for me this election	4	0.4%
I don't trust the mail	1	0.1%
I don't trust the official ballot dropboxes	4	0.4%
I like taking the time to research and mark my ballot	3	0.3%
I prefer knowing my ballot is picked up by Registrar of Voters employees	8	0.8%
Other (please specify below)	3	0.3%

Unweighted proportions (%). N = count for level.

Table 101: Distribution for: How Found VC to Return VBM Ballot - Overall

Level	N	Proportion
	998	97.9%
I picked from the list of Vote Centers on the Registrar of Voters' website (ocvote.gov)	5	0.5%
I picked from the list of Voter Centers inside the Voter Information Guide	9	0.9%
I searched Google	1	0.1%
I used the Registrar of Voters' mapping lookup tool	1	0.1%
Using the nearest location printed on the back of the Voter Information Guide	5	0.5%

Unweighted proportions (%). N = count for level.

Table 102: Distribution for: Problem Receiving Ballot (VC Returner) - Overall

Level	N	Proportion
	995	97.6%
No	24	2.4%
Unweighted proportions (%). N = count for level.		

Table 103: Distribution for: Problem Marking Ballot (VC Returner) - Overall

Level	N	Proportion
	995	97.6%
No	23	2.3%
Yes (please specify what problem, or problems, you had below)	1	0.1%
Unweighted proportions (%). N = count for level.		

Table 104: Distribution for: Who Returned Ballot to Vote Center - Overall

Level	N	Proportion
	996	97.7%
I did, personally	20	2.0%
Someone else did	3	0.3%
Unweighted proportions (%). N = count for level.		

Table 105: Distribution for: Timing of Vote Center Return - Overall

Level	N	Proportion
	997	97.8%
I don't remember	1	0.1%
Immediately after receiving it	3	0.3%
On election day	4	0.4%
The week before the election	5	0.5%
Three weeks before the election	2	0.2%
Two weeks before the election	7	0.7%
Unweighted proportions (%). N = count for level.		

A.5 News Sources

Table 106: Distribution for: Freq: OC News Sources - Overall

Level	N	Proportion
	434	42.6%
Almost never	176	17.3%
Frequently	117	11.5%
Not sure	12	1.2%
Occasionally	183	18.0%
Very frequently	97	9.5%

Unweighted proportions (%). N = count for level.

Table 107: Distribution for: Freq: LA News Sources - Overall

Level	N	Proportion
	430	42.2%
Almost never	209	20.5%
Frequently	104	10.2%
Not sure	20	2.0%
Occasionally	161	15.8%
Very frequently	95	9.3%

Unweighted proportions (%). N = count for level.

Table 108: Distribution for: Freq: Local TV News - Overall

Level	N	Proportion
	422	41.4%
Almost never	192	18.8%
Frequently	110	10.8%
Not sure	9	0.9%
Occasionally	133	13.1%
Very frequently	153	15.0%

Unweighted proportions (%). N = count for level.

Table 109: Distribution for: Freq: Social Media for Local News - Overall

Level	N	Proportion
	436	42.8%
Almost never	175	17.2%
Frequently	134	13.2%
Not sure	8	0.8%
Occasionally	143	14.0%
Very frequently	123	12.1%

Unweighted proportions (%). N = count for level.

A.6 OCROV Priorities

Table 110: Distribution for: ROV Importance: Accuracy - Overall

Level	N	Proportion
	420	41.2%
Not at all important	2	0.2%
Not very important	3	0.3%
Somewhat important	17	1.7%
Very important	577	56.6%
Unweighted proportions (%). N = count for level.		

Table 111: Distribution for: ROV Importance: Speed - Overall

Level	N	Proportion
	424	41.6%
Not at all important	4	0.4%
Not very important	46	4.5%
Somewhat important	220	21.6%
Very important	325	31.9%
Unweighted proportions (%). N = count for level.		

Table 112: Distribution for: ROV Importance: Accessibility - Overall

Level	N	Proportion
	431	42.3%
Not at all important	6	0.6%
Not very important	25	2.5%
Somewhat important	116	11.4%
Very important	441	43.3%
Unweighted proportions (%). N = count for level.		

Table 113: Distribution for: ROV Importance: Ease of Voting - Overall

Level	N	Proportion
	423	41.5%
Not at all important	4	0.4%
Not very important	27	2.6%
Somewhat important	79	7.8%
Very important	486	47.7%
Unweighted proportions (%). N = count for level.		

Table 114: Distribution for: ROV Importance: Transparency - Overall

Level	N	Proportion
	422	41.4%
Not at all important	2	0.2%
Not very important	5	0.5%
Somewhat important	22	2.2%
Very important	568	55.7%
Unweighted proportions (%). N = count for level.		

Table 115: Distribution for: ROV Importance: Fairness - Overall

Level	N	Proportion
	422	41.4%
Not at all important	1	0.1%
Not very important	6	0.6%
Somewhat important	22	2.2%
Very important	568	55.7%
Unweighted proportions (%). N = count for level.		