



Honorable Members of the Board of Supervisors  
City and County of San Francisco  
1 Dr. Carlton B. Goodlett Place, Room 244  
San Francisco, California 94102

**Statement of the Results**  
**Consolidated General Election – November 8, 2022**

I, John Arntz, Director of Elections, certify that I have canvassed the ballots cast at the Consolidated General Election held on Tuesday, November 8, 2022, in the City and County of San Francisco, in the manner required by Division 15 of the California Elections Code.

I certify that I began the canvass immediately upon the close of the polls on November 8, 2022, and, as a result of the tabulation of all votes recorded, present a complete record entitled "Statement of the Results of the San Francisco Consolidated General Election – November 8, 2022." I also declare that the number of ballots cast in said election was 310,071; therefore, 62.32% of San Francisco's 497,561 registered voters voted in this election.

In accordance with California Elections Code section 15400, I certify that the total number of votes cast for each candidate and for and against each measure is shown in this Statement of the Results and the precinct detail of all votes cast appears in the Statement of the Vote, which is posted on the Department of Elections' website at [sfelections.org/results](https://sfelections.org/results) and is incorporated by reference into this Statement of the Results.

This Statement of the Results includes tables that summarize total votes cast in each contest, organized as follows:

**A. Voter-Nominated Offices**

1. Governor
2. Lieutenant Governor
3. Secretary of State
4. State Controller
5. State Treasurer
6. Attorney General
7. Insurance Commissioner
8. Board of Equalization, District 2
9. U.S. Senator Full Term (Term ending January 3, 2029)
10. U.S. Senator, Partial Term (Term ending January 3, 2023)
11. U.S. Representative, District 11
12. U.S. Representative, District 15
13. State Assembly, District 17
14. State Assembly, District 19

**B. Nonpartisan Offices**

1. Chief Justice of California
2. Associate Justices of the Supreme Court
3. Associate Justice, Court of Appeal, District 1, Division 2
4. Presiding Justice, Court of Appeal, District 1, Division 3
5. Associate Justices, Court of Appeal, District 1, Division 3
6. Associate Justices, Court of Appeal, District 1, Division 4
7. Presiding Justice, Court of Appeal, District 1, Division 5
8. Associate Justice, Court of Appeal, District 1, Division 5
9. Superintendent of Public Instruction

**C. District Offices**

1. Members, Board of Education
2. Director, Bay Area Rapid Transit (BART), District 8
3. Members, Community College Board, (Term ending January 8, 2027)
4. Member, Community College Board, (Term ending January 8, 2025)

**D. Local Offices**

1. Assessor-Recorder
2. District Attorney
3. Public Defender
4. Member, Board of Supervisors, District 2
5. Member, Board of Supervisors, District 4
6. Member, Board of Supervisors, District 6
7. Member, Board of Supervisors, District 8
8. Member, Board of Supervisors, District 10

**E. State Propositions**

1. **PROPOSITION 1:** "Constitutional Right to Reproductive Freedom. Legislative Constitutional Amendment."
2. **PROPOSITION 26:** "Allows In-Person Roulette, Dice Games, Sports Wagering on Tribal Lands. Initiative Constitutional Amendment and Statute."
3. **PROPOSITION 27:** "Allows Online and Mobile Sports Wagering Outside Tribal Lands. Initiative Constitutional Amendment and Statute. "
4. **PROPOSITION 28:** "Provides Additional Funding for Arts and Music Education in Public Schools. Initiative Statute."
5. **PROPOSITION 29:** "Requires On-site Licensed Medical Professional at Kidney Dialysis Clinics and Establishes Other On-Site Requirements. Initiative Statute."
6. **PROPOSITION 30:** "Provides Funding for Programs to Reduce Air Pollution and Prevent Wildfires by Increasing Tax on Personal Income Over \$2 million. Initiative Statute."
7. **PROPOSITION 31:** "Referendum on 2020 Law that would Prohibit the Retail Sale of Certain Flavored Tobacco Products."

**F. City and County Propositions**

1. **A:** "Retiree Supplemental Cost of Living Adjustment; Retirement Board Contract with Executive Director."
2. **B:** "Public Works Department and Commission, Sanitation and Streets Department and Commission."
3. **C:** "Homelessness Oversight Commission."
4. **D:** "Affordable Housing – Initiative Petition."
5. **E:** "Affordable Housing – Board of Supervisors."
6. **F:** "Library Preservation Fund."
7. **G:** "Student Success Fund – Grants to the San Francisco Unified School District."
8. **H:** "City Elections in Even-Numbered Years."
9. **I:** "Vehicles on JFK Drive in Golden Gate Park and the Great Highway."
10. **J:** "Recreational Use of JFK Drive in Golden Gate Park."
11. **L:** "Sales Tax for Transportation Projects."
12. **M:** "Tax on Keeping Residential Units Vacant."
13. **N:** "Golden Gate Park Underground Parking Facility; Golden Gate Park Concourse Authority."
14. **O:** "Additional Parcel Tax for City College."

This Statement of the Results omits the contests for U.S. Representative, Districts 2 and 12, and contests for State Assembly, Districts 12 and 18, since no San Francisco voters live in these districts; therefore, these contests are not included in the attached results tables. The boundary that places U.S. Representative District 2 and State Assembly District 12 within San Francisco extends from the City to a small part of Angel Island. The boundary that places U.S. Representative District 12 and State Assembly District 18 within San Francisco extends to the extreme southwest corner of Alameda Island. Other than these uninhabited Census blocks on the islands attributed to San Francisco, the districts lie entirely within Marin and Alameda Counties, respectively.

For each results table, the candidate or ballot measure position that received the most votes is preceded by an arrow (→). For contests with boundaries that include other counties in addition to San Francisco, the results shown are from San Francisco only; the overall results and outcome may differ.

For this election, all voters used five-card ballots, with the content on each card as follows:

- Card 1:** Voter-nominated offices of Governor, Lieutenant Governor, Secretary of State, State Controller, State Treasurer, Attorney General, State Insurance Commissioner, Board of Equalization, United States Senator (Full Term), and United States Senator (Partial Term), United States Representative, Member of the State Assembly; nonpartisan offices for Chief Justice of the State Supreme Court, and three contests for Associate Justice of the State Supreme Court.
- Card 2:** Nonpartisan offices of Presiding Justices for the Court of Appeal, Associate Justices for the State Court of Appeal, Board of Education, Bay Area Rapid Transit Director, Community College Board (Full Term), and Community College Board (Partial Term).
- Card 3:** City and County offices of the Assessor-Recorder, District Attorney, and Public Defender.
- Card 4:** State Propositions 1, 26 – 31, and City and County propositions A – C.
- Card 5:** City and County propositions D – O.

### Voting System and Election Transparency

The City's voting system allows for increased election transparency through the posting of images of voted ballots, equipment transaction logs, and other election reports, all of which are posted with the final election results on the Department's website, *sfelections.org*.

**Voted ballot images.** The City's voting system captures images of each voted ballot cast in an election. This creates a visual history of how ballots were marked. After each election, the Department posts the ballot images on its website, allowing members of the public to view each voted ballot cast in the City. Prior to posting the ballot images, the Department reviews the images and redacts identifying information that voters may have placed on ballot cards.

**AuditMark.** In addition to the voting system capturing images of voted ballot cards, the system also adds an explanation at the bottom of each ballot image indicating how the voting equipment interpreted and tallied each vote mark. These explanations, or AuditMarks, provide the public with information on how the voting system operates in relation to the recording and reporting of every vote cast in this election. This means that for every oval with a mark inside the voting target, even for partial marks, the voting system adds an explanation to the images of voted ballots of how the system understood and registered the markings within each oval.

**Ballot Audit and Review.** The Department posts an application that allows the public to sort the ballot images according to precinct, contest, and district. The City is the first jurisdiction in the country to utilize this application, known as "Ballot Audit and Review."

**Cast Vote Record.** The Department posted a "Cast Vote Record" that lists each vote recorded on each ballot card. The data provided in the Cast Vote Record is captured from the ballots as the ballots are scanned by the voting equipment and before vote tabulation occurs, allowing members of the public to tabulate votes from specific precincts, districts, etc. and compare against the official election results.

### SHA-512 Cryptographic Hash Algorithm

The Department of Elections applied a SHA-512 cryptographic function to reports associated with this election to establish the integrity of the results in a verifiable manner. Attachment 2 provides information regarding the SHA-512 hash values for all electronic files associated with the final, certified results reports.

### Attachments

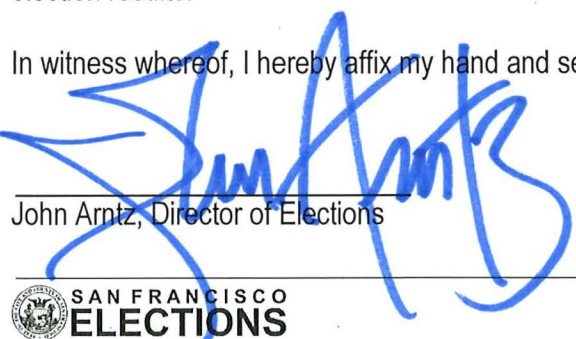
Attachment 1 provides a table that lists the votes cast in each contest, and for and against each State and City Proposition.

Attachment 2 is the list of SHA-512 hashes associated with each final election results report and machine audit logs.

Attachment 3 is the report from the manual tallies that the Department conducted on randomly selected polling place, vote-by-mail, and provisional ballots to confirm that the voting equipment operated properly, and accurately counted and reported election results.

In witness whereof, I hereby affix my hand and seal this 1<sup>st</sup> day of December, 2022.

John Arntz, Director of Elections



**NOTE:** This Statement of the Results includes counts for all overvotes (which occur when voters mark more than the allowed number of candidates, or, mark both "yes" and "no" for ballot measures) and undervotes (which occur when voters mark fewer than the allowed number of candidates, or, leave blank the voting targets for both "yes" and "no") are included. However, neither overvotes nor undervotes represent valid votes and are not added to the tallies determining whether a candidate was elected or whether a measure was approved.

**A. VOTER-NOMINATED OFFICES**

I certify the results for the following **VOTER-NOMINATED OFFICES:**

*(Results represent votes cast in San Francisco only)*

**1. GOVERNOR**

Candidates	Vote Totals	% of Votes
→ GAVIN NEWSOM	257,402	85.38%
BRIAN DAHLE	44,064	14.62%
Total Votes Cast	301,466	
Undervotes	8,465	
Overvotes	59	
Total Ballots Cast	309,990	

**2. LIEUTENANT GOVERNOR**

Candidates	Vote Totals	% of Votes
→ ELENI KOUNALAKIS	246,398	84.37%
ANGELA E. UNDERWOOD JACOBS	45,663	15.63%
Total Votes Cast	292,061	
Undervotes	17,867	
Overvotes	62	
Total Ballots Cast	309,990	

**3. SECRETARY OF STATE**

Candidates	Vote Totals	% of Votes
→ SHIRLEY N. WEBER	247,726	84.14%
ROB BERNOSKY	46,696	15.86%
Total Votes Cast	294,422	
Undervotes	15,524	
Overvotes	44	
Total Ballots Cast	309,990	

**4. STATE CONTROLLER**

Candidates	Vote Totals	% of Votes
→ MALIA M. COHEN	221,334	75.95%
LANHEE J. CHEN	70,094	24.05%
<b>Total Votes Cast</b>	<b>291,428</b>	
<b>Undervotes</b>	<b>18,474</b>	
<b>Overvotes</b>	<b>88</b>	
<b>Total Ballots Cast</b>	<b>309,990</b>	

**5. STATE TREASURER**

Candidates	Vote Totals	% of Votes
→ FIONA MA	243,406	83.91%
JACK M. GUERRERO	46,681	16.09%
<b>Total Votes Cast</b>	<b>290,087</b>	
<b>Undervotes</b>	<b>19,856</b>	
<b>Overvotes</b>	<b>47</b>	
<b>Total Ballots Cast</b>	<b>309,990</b>	

**6. ATTORNEY GENERAL**

Candidates	Vote Totals	% of Votes
→ ROB BONTA	246,762	83.49%
NATHAN HOCHMAN	48,785	16.51%
<b>Total Votes Cast</b>	<b>295,547</b>	
<b>Undervotes</b>	<b>14,398</b>	
<b>Overvotes</b>	<b>45</b>	
<b>Total Ballots Cast</b>	<b>309,990</b>	

**7. INSURANCE COMMISSIONER**

Candidates	Vote Totals	% of Votes
→ RICARDO LARA	237,225	83.89%
ROBERT HOWELL	45,567	16.11%
<b>Total Votes Cast</b>	<b>282,792</b>	
<b>Undervotes</b>	<b>27,151</b>	
<b>Overvotes</b>	<b>47</b>	
<b>Total Ballots Cast</b>	<b>309,990</b>	

**8. BOARD OF EQUALIZATION, DISTRICT 2**

Candidates	Vote Totals	% of Votes
→ SALLY J. LIEBER	229,851	82.38%
PETER COE VERBICA	49,170	17.62%
<b>Total Votes Cast</b>	<b>279,021</b>	
<b>Undervotes</b>	<b>30,930</b>	
<b>Overvotes</b>	<b>39</b>	
<b>Total Ballots Cast</b>	<b>309,990</b>	

**9. UNITED STATES SENATOR (Full term ending January 3, 2029)**

Candidates	Vote Totals	% of Votes
→ ALEX PADILLA	254,756	85.65%
MARK P. MEUSER	42,699	14.35%
<b>Total Votes Cast</b>	<b>297,455</b>	
<b>Undervotes</b>	<b>12,330</b>	
<b>Overvotes</b>	<b>205</b>	
<b>Total Ballots Cast</b>	<b>309,990</b>	

**10. UNITED STATES SENATOR (Partial term ending January 3, 2023)**

Candidates	Vote Totals	% of Votes
→ ALEX PADILLA	253,856	85.55%
MARK P. MEUSER	42,871	14.45%
<b>Total Votes Cast</b>	<b>296,727</b>	
<b>Undervotes</b>	<b>13,164</b>	
<b>Overvotes</b>	<b>99</b>	
<b>Total Ballots Cast</b>	<b>309,990</b>	

**11. UNITED STATES REPRESENTATIVE, DISTRICT 11**

Candidates	Vote Totals	% of Votes
→ NANCY PELOSI	220,848	83.95%
JOHN DENNIS	42,217	16.05%
Total Votes Cast	263,065	
Undervotes	17,359	
Overvotes	45	
Total Ballots Cast	280,469	

**12. UNITED STATES REPRESENTATIVE, DISTRICT 15**

Candidates	Vote Totals	% of Votes
→ KEVIN MULLIN	12,204	50.15%
DAVID J. CANEPA	12,132	49.85%
Total Votes Cast	24,336	
Undervotes	5,141	
Overvotes	44	
Total Ballots Cast	29,521	

**13. MEMBER OF THE STATE ASSEMBLY, DISTRICT 17**

Candidates	Vote Totals	% of Votes
→ MATT HANEY	101,891	69.14%
DAVID CAMPOS	45,470	30.86%
Total Votes	147,361	
Undervotes	21,092	
Overvotes	149	
Total Ballots Cast	168,602	

**14. MEMBER OF THE STATE ASSEMBLY, DISTRICT 19**

Candidates	Vote Totals	% of Votes
→ PHIL TING	106,319	81.97%
KARSTEN WEIDE	23,378	18.03%
Total Votes	129,697	
Undervotes	11,675	
Overvotes	16	
Total Ballots Cast	141,388	



**B. NONPARTISAN OFFICES**

I certify the results for the following **NONPARTISAN OFFICES**:

*(Results represent votes cast in San Francisco only)*

**1. CHIEF JUSTICE OF CALIFORNIA**

Shall the Justice be elected for the term provided by law?

	<b>PATRICIA GUERRERO</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	213,596	89.60%
	<b>No</b>	24,784	10.40%
	<b>Total Votes</b>	238,380	
	<b>Undervotes</b>	71,524	
	<b>Overvotes</b>	86	
	<b>Total Ballots Cast</b>	309,990	

**2. ASSOCIATE JUSTICES OF THE SUPREME COURT**

Shall the Justice be elected for the term provided by law?

	<b>GOODWIN LIU</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	210,697	88.75%
	<b>No</b>	26,700	11.25%
	<b>Total Votes</b>	237,397	
	<b>Undervotes</b>	72,479	
	<b>Overvotes</b>	114	
	<b>Total Ballots Cast</b>	309,990	

Shall the Justice be elected for the term provided by law?

	<b>MARTIN J. JENKINS</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	205,259	88.04%
	<b>No</b>	27,893	11.96%
	<b>Total Votes</b>	233,152	
	<b>Undervotes</b>	76,633	
	<b>Overvotes</b>	205	
	<b>Total Ballots Cast</b>	309,990	

Shall the Justice be elected for the term provided by law?

<b>JOSHUA P. GROBAN</b>		<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	202,119	87.15%
	<b>No</b>	29,800	12.85%
	<b>Total Votes</b>	231,919	
	<b>Undervotes</b>	78,040	
	<b>Overvotes</b>	31	
	<b>Total Ballots Cast</b>	309,990	

**3. ASSOCIATE JUSTICE, COURT OF APPEAL, DISTRICT 1, DIVISION 2**

Shall the Justice be elected for the term provided by law?

<b>THERESE M. STEWART</b>		<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	193,326	88.71%
	<b>No</b>	24,616	11.29%
	<b>Total Votes</b>	217,942	
	<b>Undervotes</b>	89,855	
	<b>Overvotes</b>	61	
	<b>Total Ballots Cast</b>	307,858	

**4. PRESIDING JUSTICE, COURT OF APPEAL, DISTRICT 1, DIVISION 3**

Shall the Justice be elected for the term provided by law?

<b>ALISON M. TUCHER</b>		<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	190,088	87.94%
	<b>No</b>	26,069	12.06%
	<b>Total Votes</b>	216,157	
	<b>Undervotes</b>	91,660	
	<b>Overvotes</b>	41	
	<b>Total Ballots Cast</b>	307,858	

**5. ASSOCIATE JUSTICES, COURT OF APPEAL, DISTRICT 1, DIVISION 3**

Shall the Justice be elected for the term provided by law?

<b>VICTOR A. RODRIGUEZ</b>		<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	187,682	87.48%
	<b>No</b>	26,863	12.52%
	<b>Total Votes</b>	214,545	
	<b>Undervotes</b>	93,258	
	<b>Overvotes</b>	55	
	<b>Total Ballots Cast</b>	307,858	

Shall the Justice be elected for the term provided by law?

	<b>IOANA PETROU</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	Yes	186,262	87.11%
	No	27,564	12.89%
	<b>Total Votes</b>	<b>213,826</b>	
	<b>Undervotes</b>	<b>93,971</b>	
	<b>Overvotes</b>	<b>61</b>	
	<b>Total Ballots Cast</b>	<b>307,858</b>	

Shall the Justice be elected for the term provided by law?

	<b>CARIN T. FUJISAKI</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	Yes	189,856	88.32%
	No	25,115	11.68%
	<b>Total Votes</b>	<b>214,971</b>	
	<b>Undervotes</b>	<b>92,809</b>	
	<b>Overvotes</b>	<b>78</b>	
	<b>Total Ballots Cast</b>	<b>307,858</b>	

**6. ASSOCIATE JUSTICES, COURT OF APPEAL, DISTRICT 1, DIVISION 4**

Shall the Justice be elected for the term provided by law?

	<b>TRACIE L. BROWN</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	Yes	189,726	88.56%
	No	24,500	11.44%
	<b>Total Votes</b>	<b>214,226</b>	
	<b>Undervotes</b>	<b>93,523</b>	
	<b>Overvotes</b>	<b>109</b>	
	<b>Total Ballots Cast</b>	<b>307,858</b>	

Shall the Justice be elected for the term provided by law?

	<b>JEREMY M. GOLDMAN</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	Yes	183,791	86.31%
	No	29,162	13.69%
	<b>Total Votes</b>	<b>212,953</b>	
	<b>Undervotes</b>	<b>94,859</b>	
	<b>Overvotes</b>	<b>46</b>	
	<b>Total Ballots Cast</b>	<b>307,858</b>	

**7. PRESIDING JUSTICE, COURT OF APPEAL, DISTRICT 1, DIVISION 5**

Shall the Justice be elected for the term provided by law?

	<b>TERI L. JACKSON</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	187,738	88.14%
	<b>No</b>	25,269	11.86%
	<b>Total Votes</b>	213,007	
	<b>Undervotes</b>	94,474	
	<b>Overvotes</b>	377	
	<b>Total Ballots Cast</b>	307,858	

**8. ASSOCIATE JUSTICE, COURT OF APPEAL, DISTRICT 1, DIVISION 5**

Shall the Justice be elected for the term provided by law?

	<b>GORDON B. BURNS</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>Yes</b>	183,484	87.07%
	<b>No</b>	27,252	12.93%
	<b>Total Votes</b>	210,736	
	<b>Undervotes</b>	97,090	
	<b>Overvotes</b>	32	
	<b>Total Ballots Cast</b>	307,858	

**9. SUPERINTENDENT OF PUBLIC INSTRUCTION**

	<b>Candidates</b>	<b>Vote Totals</b>	<b>% of Votes</b>
→	<b>TONY K. THURMOND</b>	188,928	81.02%
	<b>LANCE RAY CHRISTENSEN</b>	44,269	18.98%
	<b>Total Votes</b>	233,197	
	<b>Undervotes</b>	74,274	
	<b>Overvotes</b>	387	
	<b>Total Ballots Cast</b>	307,858	

**C. DISTRICT OFFICES**

I certify the results for the following **DISTRICT OFFICES**.

**1. MEMBERS, BOARD OF EDUCATION\***

Candidates	Vote Totals	% of Votes
→ LISA WEISSMAN-WARD	149,996	21.94%
→ LAINIE MOTAMEDI	132,088	19.32%
→ ALIDA FISHER	121,292	17.74%
ANN HSU	117,152	17.14%
GABRIELA LÓPEZ	89,385	13.07%
KAREN FLESHMAN	73,744	10.79%
<b>Total Votes Cast</b>	<b>683,657</b>	
<b>Undervotes</b>	<b>237,997</b>	
<b>Overvotes</b>	<b>2,163</b>	
<b>Total Ballots Cast</b>	<b>923,817</b>	

\*Three seats available

**2. DIRECTOR, BAY AREA RAPID TRANSIT (BART), DISTRICT 8**

Candidates	Vote Totals	% of Votes
→ JANICE LI	99,252	100.00%
<b>Total Votes Cast</b>	<b>99,252</b>	
<b>Undervotes</b>	<b>56,089</b>	
<b>Overvotes</b>	<b>2</b>	
<b>Total Ballots Cast</b>	<b>155,343</b>	

**3. MEMBERS, COMMUNITY COLLEGE BOARD (Full term ending January 8, 2027)\***

Candidates	Vote Totals	% of Votes
→ ANITA MARTINEZ	90,612	14.81%
→ VICK CHUNG	84,646	13.83%
→ SUSAN SOLOMON	84,266	13.77%
JOHN RIZZO	68,444	11.18%
BRIGITTE DAVILA	64,652	10.56%
THEA SELBY	62,010	10.13%
JILL YEE	55,437	9.06%
MARIE HURABIELL	40,225	6.57%
WILLIAM WALKER	35,604	5.82%
JASON CHUYUAN ZENG	26,103	4.27%
<b>Total Votes Cast</b>	<b>611,999</b>	
<b>Undervotes</b>	<b>308,380</b>	
<b>Overvotes</b>	<b>3,195</b>	
<b>Total Ballots Cast</b>	<b>923,574</b>	

\*Three seats available

**4. MEMBER, COMMUNITY COLLEGE BOARD (Partial term ending January 8, 2025)\***

Candidates	Vote Totals	% of Votes
→ MURRELL GREEN	117,737	56.24%
ADOLFO VELASQUEZ	64,941	31.02%
DANIEL LANDRY	26,670	12.74%
<b>Total Votes Cast</b>	<b>209,348</b>	
<b>Undervotes</b>	<b>97,713</b>	
<b>Overvotes</b>	<b>797</b>	
<b>Total Ballots Cast</b>	<b>307,858</b>	

\*One seat available

**D. CITY AND COUNTY OFFICES**

I certify the results for the following **CITY AND COUNTY OFFICES**:

For contests with more than one candidate, the following tables provide “Round 0” totals which represent how voters marked their ballots before the application of the ranked-choice voting method. Each multi-candidate contest also lists vote totals from “Round 1,” which represents the number of first-choice selections after the advancement of later selections that occurs when voters leave the first-choice selection blank or include names of people who are not official, qualified write-in candidates.

For those contests in which no candidate received a majority of votes in Round 0 (District Attorney and Member, Board of Supervisors, District 6), and which required the elimination of candidates and the transfer of votes to remaining candidates, the ranked-choice voting method was applied. For these contests, the totals from the final round — reflecting the totals after all votes from eliminated candidates were transferred to the two remaining candidates with the most votes — are indicated to the right of the Round 1 totals. The number of passes required to reach the final round in which two candidates remain is noted in parentheses.

**1. ASSESSOR-RECORDER**

Candidates	Vote Totals	
	Votes	%
→ JOAQUÍN TORRES	217,967	100.00%
<b>Total Votes</b>	<b>217,967</b>	
<b>Undervotes</b>	<b>90,370</b>	
<b>Overvotes</b>	<b>3</b>	
<b>Total Ballots Cast</b>	<b>308,340</b>	

**2. DISTRICT ATTORNEY**

Candidates	Round 0		Round 1		Final Round (3)	
	Votes	%	Votes	%	Votes	%
→ BROOKE JENKINS	125,576	46.01%	126,505	45.85%	142,412	53.68%
JOHN HAMASAKI	101,924	37.34%	102,612	37.19%	122,906	46.32%
JOE ALIOTO VERONESE	33,633	12.32%	34,603	12.54%	-	
MAURICE CHENIER	11,820	4.33%	12,211	4.43%	-	
<b>Total Votes</b>	<b>272,953</b>		<b>275,931</b>		<b>265,318</b>	
<b>Undervotes</b>	<b>34,326</b>		<b>31,130</b>		<b>31,130</b>	
<b>Exhausted by Overvotes</b>	<b>1,061</b>		<b>1,279</b>		<b>1,563</b>	
<b>Exhausted Ballots</b>	<b>-</b>		<b>-</b>		<b>10,329</b>	
<b>Total Ballots Cast</b>	<b>308,340</b>		<b>308,340</b>		<b>308,340</b>	

**3. PUBLIC DEFENDER**

Candidates	Round 0		Round 1	
	Votes	%	Votes	%
→ MANO RAJU	182,361	72.11%	183,378	71.83%
REBECCA SUSAN FENG YOUNG	70,541	27.89%	71,922	28.17%
<b>Total Votes</b>	<b>252,902</b>		<b>255,300</b>	
<b>Undervotes</b>	<b>55,123</b>		<b>52,554</b>	
<b>Exhausted by Overvotes</b>	<b>315</b>		<b>486</b>	
<b>Exhausted Ballots</b>	<b>-</b>		<b>-</b>	
<b>Total Ballots Cast</b>	<b>308,340</b>		<b>308,340</b>	



**4. MEMBER, BOARD OF SUPERVISORS, DISTRICT 2**

Candidates	Vote Totals	
	Votes	%
→ CATHERINE STEFANI	22,117	100.00%
Total Votes	22,117	
Undervotes	9,760	
Exhausted by Overvotes	-	
Exhausted Ballots	-	
Total Ballots Cast	31,877	

**5. MEMBER, BOARD OF SUPERVISORS, DISTRICT 4**

Candidates	Round 0		Round 1	
	Votes	%	Votes	%
→ JOEL ENGARDIO	13,643	50.86%	13,749	50.87%
GORDON MAR	13,183	49.14%	13,280	49.13%
Total Votes	26,826		27,029	
Undervotes	3,224		3,003	
Exhausted by Overvotes	35		53	
Exhausted Ballots	-		-	
Total Ballots Cast	30,085		30,085	

**6. MEMBER, BOARD OF SUPERVISORS, DISTRICT 6**

Candidates	Round 0		Round 1		Final Round (3)	
	Votes	%	Votes	%	Votes	%
→ MATT DORSEY	8,237	50.84%	8,267	50.80%	8,546	53.10%
HONEY MAHOGANY	7,085	43.73%	7,101	43.63%	7,548	46.90%
CHERELLE JACKSON	.	3.26%	540	3.32%	-	
MS BILLIE COOPER	352	2.17%	366	2.25%	-	
<b>Total Votes</b>	<b>15,674</b>		<b>16,274</b>		<b>16,094</b>	
<b>Undervotes</b>	<b>2,382</b>		<b>2,299</b>		<b>2,299</b>	
<b>Exhausted by Overvotes</b>	<b>79</b>		<b>90</b>		<b>98</b>	
<b>Exhausted Ballots</b>	<b>-</b>		<b>-</b>		<b>172</b>	
<b>Total Ballots Cast</b>	<b>18,135</b>		<b>18,663</b>		<b>18,663</b>	

**7. MEMBER, BOARD OF SUPERVISORS, DISTRICT 8**

Candidates	Round 0		Round 1	
	Votes	%	Votes	%
→ RAFAEL MANDELMAN	27,281	77.54%	27,395	77.45%
KATE STOIA	7,901	22.46%	7,975	22.55%
<b>Total Votes</b>	<b>35,182</b>		<b>35,370</b>	
<b>Undervotes</b>	<b>7,055</b>		<b>6,852</b>	
<b>Exhausted by Overvotes</b>	<b>21</b>		<b>36</b>	
<b>Exhausted Ballots</b>	<b>-</b>		<b>-</b>	
<b>Total Ballots Cast</b>	<b>42,258</b>		<b>42,258</b>	

**8. MEMBER, BOARD OF SUPERVISORS, DISTRICT 10**

Candidates	Round 0		Round 1	
	Votes	%	Votes	%
→ SHAMANN WALTON	12,038	72.85%	12,220	72.63%
BRIAN SAM ADAM	4,486	27.15%	4,605	27.37%
<b>Total Votes</b>	<b>16,524</b>		<b>16,825</b>	
<b>Undervotes</b>	<b>4,107</b>		<b>3,783</b>	
<b>Exhausted by Overvotes</b>	<b>43</b>		<b>66</b>	
<b>Exhausted Ballots</b>	<b>-</b>		<b>-</b>	
<b>Total Ballots Cast</b>	<b>20,674</b>		<b>20,674</b>	

**E. STATE PROPOSITIONS**

I certify the results for the following **STATE PROPOSITIONS:**

*(Results represent votes cast in San Francisco only)*

**1. PROPOSITION 1 - "CONSTITUTIONAL RIGHT TO REPRODUCTIVE FREEDOM. LEGISLATIVE CONSTITUTIONAL AMENDMENT."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	270,509	89.52%	Undervotes	7,825
NO	31,657	10.48%	Overvotes	65

**2. PROPOSITION 26 - "ALLOWS IN-PERSON ROULETTE, DICE GAMES, SPORTS WAGERING ON TRIBAL LANDS. INITIATIVE CONSTITUTIONAL AMENDMENT AND STATUTE."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>NO</b>	181,120	61.92%	Undervotes	17,423
YES	111,390	38.08%	Overvotes	123

**3. PROPOSITION 27 - "ALLOWS ONLINE AND MOBILE SPORTS WAGERING OUTSIDE TRIBAL LANDS. INITIATIVE CONSTITUTIONAL AMENDMENT AND STATUTE."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>NO</b>	242,820	81.89%	Undervotes	13,423
YES	53,707	18.11%	Overvotes	106

**4. PROPOSITION 28 - "PROVIDES ADDITIONAL FUNDING FOR ARTS AND MUSIC EDUCATION IN PUBLIC SCHOOLS. INITIATIVE STATUTE."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	236,653	79.20%	Undervotes	11,180
NO	62,154	20.80%	Overvotes	69

**5. PROPOSITION 29 - "REQUIRES ON-SITE LICENSED MEDICAL PROFESSIONAL AT KIDNEY DIALYSIS CLINICS AND ESTABLISHES OTHER STATE REQUIREMENTS. INITIATIVE STATUTE."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>NO</b>	<b>177,690</b>	<b>60.94%</b>	Undervotes	<b>18,357</b>
<b>YES</b>	<b>113,887</b>	<b>39.06%</b>	Overvotes	<b>122</b>

**6. PROPOSITION 30 - "PROVIDES FUNDING FOR PROGRAMS TO REDUCE AIR POLLUTION AND PREVENT WILDFIRES BY INCREASING TAX ON PERSONAL INCOME OVER \$2 MILLION. INITIATIVE STATUTE."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>196,094</b>	<b>65.53%</b>	Undervotes	<b>10,640</b>
<b>NO</b>	<b>103,165</b>	<b>34.47%</b>	Overvotes	<b>157</b>

**7. PROPOSITION 31 - "REFERENDUM ON 2020 LAW THAT WOULD PROHIBIT THE RETAIL SALE OF CERTAIN FLAVORED TOBACCO PRODUCTS."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>233,982</b>	<b>78.96%</b>	Undervotes	<b>13,579</b>
<b>NO</b>	<b>62,345</b>	<b>21.04%</b>	Overvotes	<b>150</b>

**F. CITY PROPOSITIONS**

I certify the results for the following **CITY PROPOSITIONS**:

*Unless otherwise noted, measures require 50% + 1 affirmative votes to pass.*

**1. PROPOSITION A - "Retiree Supplemental Cost of Living Adjustment; Retirement Board Contract with Executive Director."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	187,939	65.07%	Undervotes	21,153
<b>NO</b>	100,869	34.93%	Overvotes	95

**2. PROPOSITION B - "Public Works Department and Commission, Sanitation and Streets Department and Commission."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	212,066	74.56%	Undervotes	25,551
<b>NO</b>	72,349	25.44%	Overvotes	90

**3. PROPOSITION C - "Homelessness Oversight Commission."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	196,152	67.37%	Undervotes	18,828
<b>NO</b>	94,991	32.63%	Overvotes	85

**4. PROPOSITION D - "Affordable Housing – Initiative Petition."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>NO</b>	146,158	50.81%	Undervotes	21,823
<b>YES</b>	141,507	49.19%	Overvotes	182

**5. PROPOSITION E - "Affordable Housing – Board of Supervisors."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>NO</b>	154,021	53.93%	Undervotes	23,948
<b>YES</b>	131,569	46.07%	Overvotes	132

**6. PROPOSITION F - "Library Preservation Fund."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	239,141	82.58%	Undervotes	20,023
<b>NO</b>	50,453	17.42%	Overvotes	53

**7. PROPOSITION G - "Student Success Fund – Grants to the San Francisco Unified School District."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>226,718</b>	<b>77.78%</b>	Undervotes	<b>18,140</b>
<b>NO</b>	<b>64,768</b>	<b>22.22%</b>	Overvotes	<b>44</b>

**8. PROPOSITION H - "City Elections in Even-Numbered Years."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>203,855</b>	<b>71.22%</b>	Undervotes	<b>23,367</b>
<b>NO</b>	<b>82,391</b>	<b>28.78%</b>	Overvotes	<b>57</b>

**9. PROPOSITION I - "Vehicles on JFK Drive in Golden Gate Park and the Great Highway."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>NO</b>	<b>191,641</b>	<b>65.11%</b>	Undervotes	<b>15,165</b>
<b>YES</b>	<b>102,689</b>	<b>34.89%</b>	Overvotes	<b>175</b>

**10. PROPOSITION J - "Recreational Use of JFK Drive in Golden Gate Park."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>181,694</b>	<b>63.07%</b>	Undervotes	<b>21,496</b>
<b>NO</b>	<b>106,408</b>	<b>36.93%</b>	Overvotes	<b>72</b>

**11. PROPOSITION L - "Sales Tax for Transportation Projects."**

*Measure requires 66 2/3% + 1 affirmative votes to pass.*

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>209,246</b>	<b>71.79%</b>	Undervotes	<b>18,150</b>
<b>NO</b>	<b>82,220</b>	<b>28.21%</b>	Overvotes	<b>54</b>

**12. PROPOSITION M - "Tax on Keeping Residential Units Vacant."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>159,374</b>	<b>54.51%</b>	Undervotes	<b>17,221</b>
<b>NO</b>	<b>132,989</b>	<b>45.49%</b>	Overvotes	<b>86</b>

**13. PROPOSITION N - "Golden Gate Park Underground Parking Facility; Golden Gate Park Concourse Authority."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>YES</b>	<b>212,678</b>	<b>74.68%</b>	Undervotes	<b>24,818</b>
<b>NO</b>	<b>72,117</b>	<b>25.32%</b>	Overvotes	<b>57</b>

**14. PROPOSITION O - "Additional Parcel Tax for City College."**

	<b>Vote Totals</b>	<b>% of Votes</b>		
→ <b>NO</b>	<b>183,968</b>	<b>63.33%</b>	Undervotes	<b>19,128</b>
<b>YES</b>	<b>106,513</b>	<b>36.67%</b>	Overvotes	<b>61</b>

**List of SHA-512 Hash Values for Certified Results Reports  
Consolidated General Election, November 8, 2022**

This list represents the various certified results reports the Department of Elections issued for the June 7, 2022, Consolidated General Election. The file names for each report are listed numerically, and underneath each file name is the SHA-512 cryptographic hash value applicable to each file. All reports are posted on the Department's website: [www.sfelections.org/results](http://www.sfelections.org/results)

1. **"Summary – PDF,"** lists a summary of votes cast by contest, using a PDF format.

**Hash value:**

909549A7BD687013FD4293C902AC7122495B22148B06FC0E435D38829EF93EFF2C78E33A87  
D572D6397B9470D2828B2815299178D37E20040F70EA195BE6B4E3

2. **"Summary – Excel,"** lists a summary of votes cast by contest, using Microsoft Excel.

**Hash value:**

C5AC07A91D4A815F8BC5AD1BD0C26AFF5CFC55B9A12E4A25B3535183F412F534F1F7EE575  
BFEA875C2A95AAAC6D4BCC80EB07F978FBB1D96BAC6C4635AED5642

3. **"Summary – XML,"** lists a summary of votes cast by contest, using XML format.

**Hash value:**

4B3F2E753315F8CE9D5FC213E29FB54F29FACC40BE5EE14AD0C8DFC25E1919616C33228D5  
7367A52DBCA02959B6A4C5CDE87406F201C0851C93A83AFBA028A61

4. **"SOV – PDF,"** lists votes cast in each precinct and for each contest, using a PDF format.

**Hash value:**

6E8AA2A9EE7093798CD5C3E1BDA2A80D947F4005C513195F51B1D10D047CE37C3834AB5E6  
4C4AEFD4802802B9AC06CF58D40D1448B8F30618859192B108A14E0

5. **"SOV – Excel,"** lists votes cast in each precinct and for each contest, using Microsoft Excel.

**Hash value:**

68B7EED77BEACC84A4F298DBF68DA90DD31CC1B218A3CFBED4E2E8C83C4F2DF7087EFC5  
06B69BF83130AD0C1F5C39C27FF2CDA9CD75F23C68848B7FBFB27354

6. **"District SOV – PDF,"** lists votes cast in each district and for each contest, using a PDF format.

**Hash value:**

EC609D99FF3A84EEE6C99BA36707E7DD794D06F0444E0B1EB916536706ABE544CEFF593C11  
6C88E959D13028D8D7158BA7AEDF475F2F77C56E2EEC3024424D1C



**List of SHA-512 Hash Values for Certified Results Reports  
Consolidated General Election, November 8, 2022**

7. **“District SOV – Excel,”** lists votes cast in each district and for each contest, using Microsoft Excel.

**Hash value:**

36FB243FB7F9CA8485862C2E15DD716234B2E07E2F9029698DEF836A0883D12600731787837  
E4633A478EE785345C6E5245613DE7B6F9B6CFD429DB30DB55C1A

8. **“Cast Vote Record - JSON,”** lists votes cast on each ballot card in a zipped JSON format.

**Hash value:**

A28B181AF7C2C4D4285171DE710E0B368CDE79C66E0EC5A94B1ACCAF1DA393019B15A5344  
02B748B70F5CFA654F2F3A49B7E79E11D750554DFDBCA7A5A037795

9. **“Ballot Images, Supervisorial District 1 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

EF7EDCB72017626981740886E940E16855D1BB9092C6B72FC2587FDFE341A051D4969AE4FA  
C169C4D26BBF1FBC1B18B3BF9F8F1571EA5B89D936C71B26FFC850

10. **“Ballot Images, Supervisorial District 2 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

FE7A3224B16FE6B26C9B1A5BB55491F7693FBBB454A2E9B9D3F1EF100F707FAFBD9E287D1  
267B29D96F2219649B60EAF4B31F58F7661A3D922FDD333EEF8709

11. **“Ballot Images, Supervisorial District 3 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

467E2C4254F430B11558B2BE274D815BB133D279D7ADFD35D76B8F6BA73483352AE50D0FB  
E6E7316A1E815A23E8EC8533C0C1EA9CA40F7F97EE759C6A8C406AC

12. **“Ballot Images, Supervisorial District 4 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

D12A4B813DE14EE6EE5E4986A09C5C0910BE0FFD1F073E1DFA9F511F04D487D8E759AE400  
828C382D844D847C413E084F18C3AD20117A6CCEB6011CB2A805D89

**List of SHA-512 Hash Values for Certified Results Reports  
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13. **“Ballot Images, Supervisorial District 5 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

E9650B736EA16135DB19EFFF466C3F1FD0086B7A61CFE9A6E1EC2BB70D3402871E3C6828A  
762DCCD275D00C7B26ECE9F513236BD5BC40B4D8F201602FE11CF5E

14. **“Ballot Images, Supervisorial District 6 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

17F12F3D07818CFE222397F2D25C82F88C63A8EBB4C39E6205D4CCB41ABEFA50E0F96EAA0  
BB3186AE78A0E5F85FEC3BA4A2C6C611D019BD51423A50AC274EDF6

15. **“Ballot Images, Supervisorial District 7 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

AB294B7BF8D5AA60777A6C125188F1A7880ECD65E8A89A3D30DE7C0FC6E6772B2884C25CB  
D388C21E3A80DFD8990BF41C024D499C1EB20CFFDDF5D43D03EC3D3

16. **“Ballot Images, Supervisorial District 8 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

5AB70E9B4C9A4953C66EEBF9BA3CB37200FE3E050249BDCABB85B4BD77D4C9FFED72248C  
0704F26DE811590E853D4F3E7FE534F2CAB7924DC21368346E65EA3C

17. **“Ballot Images, Supervisorial District 9 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

65A032C1543CE6E485458C594DDBA8337C8EAD2B39818CFBF82716F324F487065B7977B7A2  
E910B2DD12D8BBBB446552AF4E46B5EE2686E79D747B82C0B9F1D1

18. **“Ballot Images, Supervisorial District 10 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**List of SHA-512 Hash Values for Certified Results Reports  
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**Hash value:**

4CFE7CE097A34FA308D7F762089DB56CCCC086DA3DB54249734B128427A619133706281934  
D68C7BEEBB956689FD9615ED5C181F57B30DCFB0BA0C9DE9FC6370

19. **“Ballot Images, Supervisorial District 11 - ZIP”**, contains scanned ballot images in zipped TIFF format.

**Hash value:**

A07DBEC2887238C1CB17D9EE3E070F2D2FA6EE1A9F3F13AB031F29160D67C46B968F52F4E6  
3DFBBE90933D8E436AC0C3D670A03AF9547CC1C10CB16C4B5219C3

20. **“Ballot Scanning Machine Logs - ZIP”**, audit logs from Ballot Scanning Machines used at Polling Places on Election Day.

**Hash value:**

7F55CAF16B2AED10A8A12E9F3FCAB1B0727542CB8D97BE3C0A2E67075288B6077282D7AAF0  
D2AFDB9C93E99A41E2928B347CE5C27A3E36194BE47A837BEC7C5

21. **“ImageCast Central Logs - ZIP”**, audit logs from ImageCast Central machines used at City Hall.

**Hash value:**

CBD1F2C82EFAAB5F311E8E04BAA62DE6E502636E93FA886DB98D6A27D3F07F5BF15CA4B14  
1CE8F79DEB3A9A83DB358D0A4BEC6916AE8A978FC3E4C71F2F3DB3B

22. **“Vote-by-Mail Status Report”**, lists the disposition of the vote-by-mail ballots the Department received.

**Hash value:**

5CD1643FE8F3EB5D7DCA35EE83058D3C0F524496F2547C40BC04F8264BE8DC2008F02CC2E5  
7E83BAE9F1D767EB951D0B525BCA9F316D272340FAD47D0DC5DC86

23. **“Provisional Ballot Status Report”**, lists the disposition of the provisional ballots the Department received.

**Hash value:**

63729CDD183DE90E0EA02C4D681F7A599DD39611F9C36E1956422C1DA0517D760794E7CE42  
AE5C1142E10C4D4FA9772E5B5C2843827B0B5AEA4A62E2AB23BA16

**List of SHA-512 Hash Values for Certified Results Reports  
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24. **“Conditional Voter Registration Report,”** lists the disposition of the ballots cast during the Conditional Voter Registration period.

**Hash value:**

8A0D421093C6818237C21EB96AB83C1F2C3F1EFE3403FAF2D55AC5C794364BFBF1B4723DB6  
9E2D0753DDA4AA619AEB4847C3AA557A1979E3A5E79F6FB87409C2

25. **“SHA-512.csv,”** provides a list of all hashed election results files in CSV format.

**Hash value:**

97F0AD44169B091364D8CACFC025CC62A5BB235DF04720B7FD6AFF68BB9D75F6FE47FA1C53  
39EB2DE1C461BF98862BE52640814C3C1E07FD3D99BF86A9B503E1



December 1, 2022

California Secretary of State  
1500 11th Street, 5th Floor  
Sacramento, California 95814

## **November 8, 2022, Consolidated General Election Results of 1% Post-Election Manual Tallies**

Pursuant to state elections law, the San Francisco Department of Elections (Department) is required to conduct a manual tally of all ballots cast in 1% of San Francisco's polling places and 1% of the vote-by-mail ballots cast, and may also manually tally 1% of provisional ballots cast, as part of the Official Canvass of the election. The Department compares the results of the manual tallies to the results reports generated by the voting equipment used to tabulate ballot cards. The purpose of the manual tallies is to verify the accuracy of the voting equipment used in the election. Upon completion of the 1% manual tallies, the Department prepares a report on the results of the manual tallies and includes the report in the certification of the Official Canvass for the election.

The following is a report on the results of the manual tallies of 1% of the polling places, vote-by-mail (VBM), and provisional ballots (PV) cast in the November 8, 2022, Consolidated General Election.

### **Random Selection of Precincts**

On November 18, 2022, the Department conducted a random selection of precincts and batches to identify the ballots to include in the manual tallies in accordance with California Elections Code section 15360.

Five days prior to selecting the precincts and batches for the manual tallies, the Department issued a press release and posted a public notice on its website, [sfelections.org](http://sfelections.org), and outside its office, announcing the date, time, and place of the random selection of precincts and batches. Additionally, the Department webcast the random selection process and posted a recording of the random selection of ballots on its website.

For the November 8 election, the Department was required to conduct a manual tally of ballots cast in a minimum of five precincts, to represent 1% of San Francisco's 501 polling places included in the election, then 23 batches of VBM ballots to represent 1% of 2,245 batches of VBM ballots cast, and, finally, one PV batch to represent 1% of the 77 batches of PV ballots. State elections law also requires a manual tally of votes cast to be conducted on all contests present in the election.

The random selection was divided into three categories. The first category was for selecting five precincts for ballots cast at the polling places. The second category was for selecting 23 batches (or boxes) of VBM ballots. The third category was for selecting one batch (or box) for the Provisional (PV) ballots.

Using three 10-sided dice, the Department randomly selected the precincts and using four 10-sided dice, randomly selected the VBM batches to be tallied in full. For the random selection of one batch of PV ballots, the Department used two 10-sided dice.

After randomly selecting five precincts of polling place ballots to manually tally all contests appearing on these cards, the Department randomly selected two additional precincts which included contests for Board of Supervisors, Districts 2 and 6, respectively, that did not appear on the ballots from the initial five precincts that were selected. The additional precincts selected were 9202 (for District 2) and 7625 (for District 6). For these precincts, the Department manually tallied only these specific contests. For the PV ballots, the Department also selected an additional four batches to again include certain contests not covered in the initial batches selected. The list of precincts and batches, and contests that were tallied is provided in Part I at the end of this report).

### **Conducting the 1% Manual Tallies**

The 1% manual tallies began on Saturday, November 19, 2022, and were completed on Monday, November 21. The manual tallies were conducted in the Department's warehouse located at Pier 31 on The Embarcadero. The manual tallies were open to public observation both in person and via live streaming on the Department's website at [sfelections.org/live](https://sfelections.org/live).

Department personnel worked in four, four-person teams to manually tally votes on polling place ballots, vote-by-mail, and provisional ballots. Each team was assigned one precinct or one batch to count at a time. After all the votes for a contest had been counted, a supervisor verified whether the manual tallies matched the results issued from the voting system. If all the vote counts matched, the team proceeded to the next contest until all the contests on the card had been tallied. If there were any discrepancies between a manual tally and the results reports from the voting system, the Department sought to resolve the basis for the discrepancies and documented the resolutions using Manual Tally Incident forms.

### **Results of the 1% Manual Tallies**

In accordance with the Post-Election Manual Tally Emergency Regulations, a "variance" means any difference between a manual tally and a machine tally, including, but not limited to, differences due to machine malfunction, operator error, or voter error in marking a ballot. Upon completion of the manual tallies associated with ballots cast in San Francisco for the November 8, 2022, Consolidated General Election, the Department found no variances between the manual tallies and the results reports generated by the voting system. The results of the 1% manual tallies confirm that the voting equipment used in the November 8<sup>th</sup> Election accurately tabulated and reported votes cast for contests appearing on the official ballot.

### **Manual Tally Details**

The following tables list the precincts and batches included in the manual tallies, and indicate any discrepancies.

Part I. Randomly Selected Precincts and Contests Tallied for the 1% Manual Tallies

Part II. Summary of Results of the 1% Manual Tallies

**Part I: Randomly Selected Precincts, Batches, and Contests included in the Manual Tallies**

**Randomly Selected Precincts/Batches and Contests Tallied for the 1% Manual Tally  
November 8, 2022, Consolidated General Election**

Initial five precincts randomly selected to tally ballots from polling places

Order Drawn	Precinct	Ballot Type	Contests Tallied	Order Drawn	Precinct	Ballot Type	Contests Tallied
1st	1106	2	All	4th	9444	24	All
2nd	7816	16	All	5th	7019	4	All
3rd	7709	15	All				

Additional precincts randomly to tally specific contests from polling place ballots

Order Drawn	Precinct	Ballot Type	Contests Tallied
6th	7625	12	Board of Supervisors District 6
7th	9202	21	Board of Supervisors District 2

Eleven batches of randomly selected VBM ballots

Order Drawn	Batch	Ballot Type	Contests Tallied	Order Drawn	Batch	Ballot Type	Contests Tallied
1st	1552	Mix	All	13 <sup>th</sup>	280	Mix	All
2nd	866	Mix	All	14th	787	Mix	All
3rd	704	Mix	All	15th	2020	Mix	All
4th	1909	Mix	All	16th	38	Mix	All
5th	1685	Mix	All	17th	1046	Mix	All
6th	1422	Mix	All	18th	1373	Mix	All
7th	102	Mix	All	19th	1704	Mix	All
8th	1383	Mix	All	20th	1694	Mix	All
9th	278	Mix	All	21st	344	Mix	All
10th	1036	Mix	All	22nd	1322	Mix	All
11th	560	Mix	All	23rd	1130	Mix	All
12th	2233	Mix	All				

Batches of randomly selected PV ballots

Order Drawn	Batch	Ballot Type	Contests Tallied
1st	4034	Mix	All
2nd	4013	Mix	Board of Supervisors (District 6 and 8)
3rd	4046	Mix	Board of Supervisors (District 4)
4th	4009	Mix	Board of Supervisors (District 10)
5th	4068	Mix	Board of Supervisors (District 2)

**Part II: Summary of Results of the 1% Manual Tallies**

<b>Summary of Results of the 1% Manual Tally November 8, 2022 Election</b>			
<b>Precinct</b>	<b>Contests Tallied</b>	<b>Polling Place Ballots</b>	
		<b>Discrepancies found?</b>	<b>Causes</b>
1106	All	No	NA
7019	All	No	NA
7709	All	No	NA
7816	All	No	NA
9444	All	No	NA
7625	Board of Supervisors, District 6	No	NA
9202	Board of Supervisors, District 2	No	NA
<b>VBM Batch</b>	<b>Contests Tallied</b>	<b>Vote-by-Mail Ballots</b>	
<b>(Box) #</b>		<b>Discrepancies found?</b>	<b>Causes</b>
0038	All	No	NA
0102	All	No	NA
0278	All	No	NA
0280	All	No	NA
0344	All	No	NA
0560	All	No	NA
0704	All	No	NA
0787	All	No	NA
0866	All	No	NA
1036	All	No	NA
1046	All	No	NA
1130	All	No	NA
1322	All	No	NA
1373	All	No	NA
1383	All	No	NA
1422	All	No	NA



1552	All	No	NA
1685	All	No	NA
1694	All	No	NA
1704	All	No	NA
1909	All	No	NA
2020	All	No	NA
2233	All	No	NA
<b>PV Batch</b>		<b>Provisional Ballots</b>	
<b>(Box) #</b>	<b>Contests Tallied</b>	<b>Discrepancies found?</b>	<b>Causes</b>
4034	All	No	NA
4009	Board of Supervisors, District 10	No	NA
4013	Board of Supervisors, District 6 & 8	No	NA
4046	Board of Supervisors, District 4	No	NA
4068	Board of Supervisors, District 2	No	NA