



Honorable Members
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
City and County of San Francisco
Consolidated Presidential Primary Election – March 5, 2024**

I, John Arntz, Director of Elections, certify that I have canvassed the ballots cast in the Consolidated Presidential Primary Election held on Tuesday, March 5, 2024, in the City and County of San Francisco (City), 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 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 Presidential Primary Election – March 5, 2024." I also certify that 233,465 voters cast ballots; therefore, 46.61% of San Francisco's 500,856 registered voters participated in this election.

In accordance with California Elections Code section 15374, I certify that this Statement of the Results provides the total number of votes cast for each candidate, and for and against each proposition. 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 and is incorporated by reference into this Statement of the Results.

This Statement of the Results includes tables in Attachment 1 that list the total votes cast in each contest, and for and against each proposition, and are organized as follows:

A. Party-Nominated Office for President

1. Democratic Party
2. Republican Party
3. American Independent Party
4. Peace and Freedom Party
5. Libertarian Party
6. Green Party

B. Political Party Central Committees

1. Democratic Party County Central Committee, Assembly District 17
2. Democratic Party County Central Committee, Assembly District 19
3. Republican Party County Central Committee, Assembly District 17
4. Republican Party County Central Committee, Assembly District 19

C. Voter-Nominated Offices

1. United States Senator (Full Term)
2. United States Senator (Partial Term)
3. United States Representative, District 11
4. United States Representative, District 15
5. State Senator, District 11

6. State Assemblymember, District 17
7. State Assemblymember, District 19

D. Nonpartisan Offices

1. Judge of the Superior Court, Seat 1
2. Judge of the Superior Court, Seat 13

E. State Proposition

1. Proposition 1, "Authorizes \$6.38 billion in bonds to build mental health treatment facilities for those with mental health and substance use challenges; provides housing for the homeless. Legislative statute."

F. City Ballot Measures

1. A, "Affordable Housing Bonds"
2. B, "Police Officer Staffing Levels Conditioned on Amending Existing or Future Tax Funding"
3. C, "Real Estate Transfer Tax Exemption and Office Space Allocation"
4. D, "Changes to Local Ethics Laws"
5. E, "Police Department Policies and Procedures"
6. F, "Illegal Substance Dependence Screening and Treatment for Recipients of City Public Assistance"
7. G, "Offering Algebra 1 to Eighth Graders"

For the March 2024 election, voters received two-card ballots according to voters' political party preferences. Voters without political party preferences received ballots that did not list candidates for president or central committees. Voters without political party preferences who requested "crossover" ballots associated with one of the three political parties allowing for crossover voting (American Independent, Democratic, and Libertarian) received a ballot listing the presidential contest for the requested party and no central committee contests.

Ballots included the following contests and measures:

- Card 1:** Party Nominated Office for President, Democratic or Republican Political Party County Central Committees (organized according to State Assembly Districts 17 and 19), voter nominated offices for United States Senator (full term ending January 3, 2031), United States Senator (partial term ending January 3, 2025), and United States Representative District 11 or District 15.
- Card 2:** Voter nominated offices for State Senator District 11, State Assemblymember District 17 or 19, non-partisan contests for Judges of Superior Court for Seats 1, and 13, State Proposition 1, and City Ballot Measures A – G.

This Statement of the Results omits the contests for U.S. Representative in Districts 2 and 12, State Senator District 7, State Assembly in Districts 12 and 18 since these districts include no voters registered in San Francisco. The boundary for the City and County of San Francisco includes small, uninhabited areas of Angel Island and Alameda Island. The district boundaries of the referenced federal and state offices have been drawn to incorporate these small areas of San Francisco's territory on the islands.

The area of San Francisco on the southeast side of Angel Island is within the boundaries for U.S. Representative District 2 and State Assemblymember District 12. The area of San Francisco on the northwest side of Alameda Island is within the boundaries for U.S. Representative District 12, State Senate District 7, and State Assembly District 18. Other than these uninhabited Census blocks on the islands attributed to San Francisco, the referenced districts lie entirely within Marin and Alameda Counties, respectively.

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.

Voting System and Election Transparency

The City's voting system allows for increased election transparency through the posting of images of voted ballots, equipment logs, and other election reports, all of which have been 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 will post an online 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 associated with all contests and propositions. 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 to compare with the official election results.

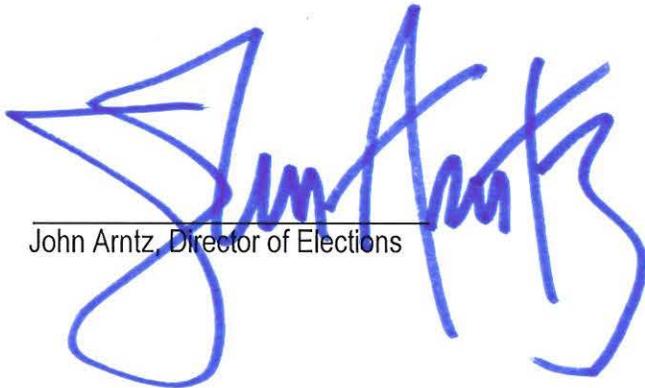
Attachments

Attachment 1 provides tables that list the votes cast in each contest and for or against each proposition.

Attachment 2 is the list of SHA-512 hashes associated with each final elections results report.

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 the voting equipment operated properly, and accurately counted and reported election results.

In witness whereof, I hereby affix my hand and seal this 22nd day of March in 2024.



John Arntz, Director of Elections



Candidate names in bold text received the most votes

A. PARTY-NOMINATED OFFICE

I certify the results for the following **PARTY-NOMINATED OFFICE**.

PRESIDENT OF THE UNITED STATES

1. DEMOCRATIC PARTY

	Ballots Counted	Percentage
JOSEPH R. BIDEN JR.	142,680	89.97%
MARIANNE WILLIAMSON	6,287	3.96%
DEAN PHILLIPS	5,686	3.59%
GABRIEL CORNEJO	1,104	0.70%
STEPHEN P. LYONS	893	0.56%
PRESIDENT R. BODDIE	846	0.53%
EBAN CAMBRIDGE	577	0.36%
ARMANDO "MANDO" PEREZ-SERRATO	520	0.33%
RICHARD GUTIERREZ (WRITE-IN)	1	0%
WILLIE FELIX CARTER (WRITE-IN)	0	0%
PRESIDENT CRISTINA NICOLE GRAPPO (WRITE-IN)	0	0%
JAMES MARK MERTS (WRITE-IN)	0	0%
REED MICHAELSEN (WRITE-IN)	0	0%
WAYNE ANTHONY POPE SR. (WRITE-IN)	0	0%
Total	158,594	100%
Under Votes	17,861	
Over Votes	182	

2. REPUBLICAN PARTY

	Ballots Counted	Percentage
DONALD J. TRUMP	11,498	62.63%
NIKKI HALEY	5,789	31.53%
RON DESANTIS	384	2.09%
CHRIS CHRISTIE	298	1.62%
VIVEK RAMASWAMY	220	1.20%
DAVID STUCKENBERG	52	0.28%
ASA HUTCHINSON	44	0.24%
RACHEL SWIFT	38	0.21%
RYAN L. BINKLEY	36	0.20%
HUGO C AGUILAR (WRITE-IN)	0	0%
RYAN STEPHEN EHRENREICH (WRITE-IN)	0	0%
DOUGLAS GROVES (WRITE-IN)	0	0%
Total	18,359	100%
Under Votes	785	
Over Votes	31	

3. AMERICAN INDEPENDENT PARTY

	Ballots Counted	Percentage
JAMES BRADLEY	947	99.89%
ANDREW GEORGE RUMMEL (WRITE-IN)	1	0.11%
Total	948	100%
Under Votes	3,114	
Over Votes	2	

4. PEACE AND FREEDOM PARTY

	Ballots Counted	Percentage
CLAUDIA DE LA CRUZ	399	52.02%
CORNEL WEST	291	37.94%
JASMINE SHERMAN	77	10.04%
Write-in	0	0%
Total	767	100%
Under Votes	151	
Over Votes	1	

5. LIBERTARIAN PARTY

	Ballots Counted	Percentage
CHARLES BALLAY	527	98.14%
CHASE OLIVER (WRITE-IN)	10	1.86%
Total	537	100%
Under Votes	555	
Over Votes	0	

6. GREEN PARTY

	Ballots Counted	Percentage
JILL STEIN	859	100%
DAVÍ (WRITE-IN)	0	0%
MATTHEW PRUDEN (WRITE-IN)	0	0%
JORGE ZAVALA (WRITE-IN)	0	0%
Total	859	100%
Under Votes	455	
Over Votes	0	

B. POLITICAL PARTY COUNTY CENTRAL COMMITTEES

I certify the results for the following POLITICAL PARTY COUNTY CENTRAL COMMITTEE SEATS

1. DEMOCRATIC PARTY COUNTY CENTRAL COMMITTEE, ASSEMBLY DISTRICT 17 (14 SEATS)

	Ballots Counted	Percentage
MATT DORSEY	41,723	4.98%
NANCY TUNG	35,770	4.27%
BILAL MAHMOOD	34,403	4.11%
LILY HO	34,343	4.10%
TREVOR CHANDLER	34,241	4.09%
EMMA HEIKEN	33,203	3.97%
MICHAEL LAI	32,806	3.92%
JOHN AVALOS	32,516	3.88%
JANE KIM	31,811	3.80%
JOE SANGIRARDI	31,360	3.75%
CARRIE BARNES	30,628	3.66%
MICHAEL NGUYEN	29,725	3.55%
PETER GALLOTTA	29,692	3.55%
CEDRIC G. AKBAR	29,327	3.50%
LYN WERBACH	29,102	3.48%
JEREMY LEE	28,614	3.42%
PETER HO LIK LEE	28,471	3.40%
LUIS A. ZAMORA	28,453	3.40%
LAURANCE LEM LEE	28,384	3.39%
ANITA MARTINEZ	26,802	3.20%
SYDNEY SIMPSON	26,756	3.20%
VICK CHUNG	25,816	3.08%
JOSHUA RUDY OCHOA	24,917	2.98%
KRISTIN HARDY	24,828	2.97%
SAL ROSSELLI	24,554	2.93%
GLORIA BERRY	24,412	2.92%
ADOLFO VELASQUEZ	23,993	2.87%
PATRICK BELL	22,984	2.75%
CHRISTOPHER CHRISTENSEN	4,796	0.57%
FRANK TIZEDES	2,551	0.30%
Write-in	0	0%
Total	836,981	100%
Under Votes	474,203	
Over Votes	5,978	

2. DEMOCRATIC PARTY COUNTY CENTRAL COMMITTEE, ASSEMBLY DISTRICT 19 (10 SEATS)

	Ballots Counted	Percentage
CATHERINE STEFANI	36,184	8.34%
MICHELA ALIOTO-PIER	26,945	6.21%
MARJAN PHILHOUR	24,622	5.68%
PARAG GUPTA	24,476	5.64%
MIKE CHEN	23,566	5.43%
CONNIE CHAN	23,392	5.39%
JADE TU	23,273	5.37%
LANIER COLES	21,759	5.02%
GORDON MAR	21,591	4.98%
DAN CALAMUCI	21,401	4.93%
BRIAN QUAN	21,252	4.90%
SARA BARZ	20,823	4.80%
NATALIE GEE	19,712	4.54%
MANO RAJU	18,565	4.28%
FRANCES HSIEH	18,430	4.25%
SANDRA LEE FEWER	18,359	4.23%
LEAH LACROIX	17,530	4.04%
HENE KELLY	16,535	3.81%
GREG HARDEMAN	16,489	3.80%
QUEENA CHEN	15,412	3.55%
JEN NOSSOKOFF	3,403	0.78%
Write-in	0	0%
Total	433,719	100%
Under Votes	291,951	
Over Votes	1,660	

3. REPUBLICAN PARTY COUNTY CENTRAL COMMITTEE, ASSEMBLY DISTRICT 17 (12 SEATS)

	Ballots Counted	Percentage
BRUCE LOU	2,959	8.52%
MANUEL NORIS-BARRERA	2,825	8.14%
JENNIE FELDMAN	2,603	7.50%
CHRISTOPHER LEWIS	2,499	7.20%
JOSH WOLFF	2,420	6.97%
JAMIE H. WONG	2,402	6.92%
BILL JACKSON	2,387	6.88%
WILLIAM KIRBY SHIREMAN	2,270	6.54%
CHARLES PAGE CHAMBERLAIN	2,259	6.51%
DAVID CUADRO	2,245	6.47%
CHRISTIAN J. FOSTER	2,138	6.16%
LESLIE HUANG	1,878	5.41%
MIN CHANG	1,802	5.19%
JASON CHUYUAN ZENG	1,786	5.14%
LARRY S. MARSO	1,248	3.60%
COLTON WEEKS	993	2.86%
Write-in	0	0%
Total	34,714	100%
Under Votes	71,006	
Over Votes	96	

4. REPUBLICAN PARTY COUNTY CENTRAL COMMITTEE, ASSEMBLY DISTRICT 19 (13 SEATS)

	Ballots Counted	Percentage
JENNIFER YAN	3,349	6.18%
YVETTE CORKREAN	2,679	4.95%
JEREMIAH BOEHNER	2,677	4.94%
JAY DONDE	2,619	4.83%
RODNEY LEONG	2,584	4.77%
JAN DIAMOND	2,519	4.65%
NICHOLAS BERG	2,477	4.57%
JOHN DENNIS	2,305	4.26%
JASON P. CLARK	2,298	4.24%
HOWARD EPSTEIN	2,264	4.18%
MARTHA CONTE	2,247	4.15%
GRAZIA MONARES	2,223	4.10%
PETER ELDEN	2,191	4.04%
TOM RAPKOCH	1,972	3.64%
LISA REMMER	1,891	3.49%
STEPHANIE JEONG	1,851	3.42%
DEAH WILLIAMS	1,835	3.39%
RUDY ASERCION	1,793	3.31%
JOSEPH COYNE BLECKMAN	1,666	3.08%
MONIKA ROTHENBUHLER	1,549	2.86%
THOMAS SLECKMAN	1,500	2.77%
BOB RINTEL	1,416	2.61%
CLINTON GRIESS	1,414	2.61%
JOAN LEONE	1,284	2.37%
JACOB SPANGLER	1,248	2.30%
PHILIP LOUIS WING	1,237	2.28%
PETER A. PUSATERI	683	1.26%
EDWARD BATE	398	0.73%
Write-in	0	0%
Total	54,169	100%
Under Votes	80,199	
Over Votes	273	

VOTER-NOMINATED OFFICES

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

1. UNITED STATES SENATOR (full term ending January 3, 2031)

	Ballots Counted	Percentage
ADAM B. SCHIFF	71,188	32.65%
KATIE PORTER	55,323	25.37%
BARBARA LEE	53,441	24.51%
STEVE GARVEY	18,231	8.36%
ERIC EARLY	4,566	2.09%
JAMES BRADLEY	1,821	0.84%
SARAH SUN LIEW	1,687	0.77%
CHRISTINA PASCUCCI	1,283	0.59%
SEPI GILANI	995	0.46%
JONATHAN REISS	923	0.42%
LAURA GARZA	898	0.41%
DAVID PETERSON	814	0.37%
PERRY POUND	734	0.34%
DENICE GARY-PANDOL	720	0.33%
GAIL LIGHTFOOT	719	0.33%
MARK RUZON	698	0.32%
JAMES "JIM" MACAULEY	629	0.29%
SHARLETA BASSETT	595	0.27%
DOUGLAS H. PIERCE	501	0.23%
HARMESH KUMAR	450	0.21%
RAJI RAB	401	0.18%
MAJOR SINGH	395	0.18%
JOHN ROSE	253	0.12%
STEFAN SIMCHOWITZ	226	0.10%
FORREST JONES	225	0.10%
DON J. GRUNDMANN	203	0.09%
MARTIN VEPRAUSKAS	137	0.06%
DANNY FABRICANT (WRITE-IN)	0	0%
CARLOS GUILLERMO TAPIA (WRITE-IN)	0	0%
MICHAEL JOSEPH DILGER (WRITE-IN)	0	0%
JOHN DOWELL (WRITE-IN)	0	0%
Total	218,056	100%
Under Votes	12,249	
Over Votes	3,160	

2. UNITED STATES SENATOR (partial term ending January 3, 2025)

	Ballots Counted	Percentage
ADAM B. SCHIFF	73,468	33.49%
BARBARA LEE	60,983	27.80%
KATIE PORTER	51,363	23.42%
STEVE GARVEY	20,378	9.29%
ERIC EARLY	9,591	4.37%
SEPI GILANI	1,850	0.84%
CHRISTINA PASCUCCI	1,708	0.78%
MICHAEL JOSEPH DILGER (WRITE-IN)	0	0%
Total	219,341	100%
Under Votes	12,467	
Over Votes	1,657	

3. UNITED STATES REPRESENTATIVE, DISTRICT 11

	Ballots Counted	Percentage
NANCY PELOSI	138,285	73.27%
BRUCE LOU	16,285	8.63%
MARJORIE MIKELS	9,363	4.96%
BIANCA VON KRIEG	7,634	4.04%
JASON CHUYUAN ZENG	6,607	3.50%
JASON BOYCE	4,325	2.29%
LARRY NICHELSON	3,482	1.84%
EVE DEL CASTELLO	2,751	1.46%
Write-in	0	0%
Total	188,732	100%
Under Votes	21,986	
Over Votes	1,075	

4. UNITED STATES REPRESENTATIVE, DISTRICT 15

	Ballots Counted	Percentage
KEVIN MULLIN	12,355	70.52%
ANNA CHENG KRAMER	5,166	29.48%
Write-in	0	0%
Total	17,521	100%
Under Votes	4,145	
Over Votes	6	

5. STATE SENATOR, DISTRICT 11

	Ballots Counted	Percentage
SCOTT WIENER	152,864	74.19%
YVETTE CORKREAN	29,337	14.24%
CYNTHIA CRAVENS	15,927	7.73%
JING CHAO XIONG	7,923	3.85%
Write-in	0	0%
Total	206,051	100%
Under Votes	27,325	
Over Votes	222	

6. STATE ASSEMBLY MEMBER, DISTRICT 17

	Ballots Counted	Percentage
MATT HANEY	90,915	81.90%
MANUEL NORIS-BARRERA	13,843	12.47%
OTTO DUKE	6,245	5.63%
Write-in	0	0%
Total	111,003	100%
Under Votes	16,676	
Over Votes	112	

7. STATE ASSEMBLY MEMBER, DISTRICT 19

	Ballots Counted	Percentage
CATHERINE STEFANI	54,720	59.41%
DAVID E. LEE	25,982	28.21%
NADIA FLAMENCO	6,098	6.62%
ARJUN GUSTAV SODHANI	5,306	5.76%
Write-in	0	0%
Total	92,106	100%
Under Votes	13,561	
Over Votes	140	

D. NONPARTISAN OFFICES

I certify the results for the following **NONPARTISAN ELECTIVE OFFICES**.

1. JUDGE OF THE SUPERIOR COURT, SEAT 1

	Ballots Counted	Percentage
MICHAEL ISAKU BEGERT	124,943	61.56%
CHIP ZECHER	78,017	38.44%
Write-in	0	0%
Total	202,960	100%
Under Votes	30,449	
Over Votes	189	

2. JUDGE OF THE SUPERIOR COURT, SEAT 13

	Ballots Counted	Percentage
PATRICK S. THOMPSON	112,374	55.52%
JEAN MYUNGJIN ROLAND	90,012	44.48%
Write-in	0	0%
Total	202,386	100%
Under Votes	31,071	
Over Votes	141	

E. STATE PROPOSITION

I certify the results for the following **STATE PROPOSITION**:
 (Results represent votes cast in San Francisco only)

1. Proposition 1

"Authorizes \$6.38 billion in bonds to build mental health treatment facilities for those with mental health and substance use challenges; provides housing for the homeless. Legislative statute."

	Ballots Counted	Percentage
YES	160,677	73.06%
NO	59,234	26.94%
Total	219,911	100%
Under Votes	13,622	
Over Votes	65	

F. CITY BALLOT MEASURES

I certify the results for the following **CITY BALLOT MEASURES**:

1. Measure A - Affordable Housing Bonds

This measure required 66% affirmative votes to pass.

	Ballots Counted	Percentage
YES	158,497	70.38%
NO	66,690	29.62%
Total	225,187	100%
Under Votes	8,288	
Over Votes	123	

2. Measure B - Police Officer Staffing Levels Conditioned on Amending Existing or Future Tax Funding

This measure required 50%+1 affirmative votes to pass.

	Ballots Counted	Percentage
NO	161,374	72.38%
YES	61,580	27.62%
Total	222,954	100%
Under Votes	10,513	
Over Votes	131	

3. Measure C - Real Estate Transfer Tax Exemption and Office Space Allocation

This measure required 50%+1 affirmative votes to pass.

	Ballots Counted	Percentage
YES	116,311	52.78%
NO	104,038	47.22%
Total	220,349	100%
Under Votes	13,167	
Over Votes	82	

4. Measure D - Changes to Local Ethics Laws

This measure required 50%+1 affirmative votes to pass.

	Ballots Counted	Percentage
YES	198,584	89.21%
NO	24,031	10.79%
Total	222,615	100%
Under Votes	10,925	
Over Votes	58	

5. Measure E - Police Department Policies and Procedures

This measure required 50%+1 affirmative votes to pass.

	Ballots Counted	Percentage
YES	120,529	54.09%
NO	102,288	45.91%
Total	222,817	100%
Under Votes	10,682	
Over Votes	99	

6. Measure F - Illegal Substance Dependence Screening and Treatment for Recipients of City Public Assistance

This measure required 50%+1 affirmative votes to pass.

	Ballots Counted	Percentage
YES	130,214	58.13%
NO	93,790	41.87%
Total	224,004	100%
Under Votes	9,525	
Over Votes	69	

7. Measure G - Offering Algebra 1 to Eighth Graders

This measure required 50%+1 affirmative votes to pass.

	Ballots Counted	Percentage
YES	182,066	81.75%
NO	40,638	18.25%
Total	222,704	100%
Under Votes	10,856	
Over Votes	38	

**List of SHA-512 Hash Values for Certified Results Reports
Consolidated Presidential Primary Election, March 5, 2024**

This list represents the various certified results reports the Department of Elections issued for the March 5, 2024, Consolidated Presidential Primary 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

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

Hash value:

A359A018FB768181CC95EAB54EF035E08822A7DD7EEFE35A859BCF9E49D5C8435C8CB24D
11736C155877D5B51130F612D1F9D87EE7873CFFF447763C38A1EC0

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

Hash value:

FE1ACB183DF0C708448EC4F831AC8B66BD806D4D6E519CD1EA7D42F4E8489AB54CB5372A
2784B1F6A553277B5C74382264B149CB57367B6EC9AAB34A21FB4846

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

Hash value:

45ADA32E58B7BE6A42859F701384BA200FA9269D030F5012CCC6A8AC0F684953A8E657A2F3
0B7B1B30EF94E3E8774E80563706CFF3BDEE98BCB6E3A0784F327C

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

Hash value:

68E74491C4458F95B014A6E2182F2B18971D8188F8F5582B2E50DF8E1DEA5AA018E66201C83
57928243723DDFD468A8F54C66917CB9D3AF7A01665CF59B6DF29

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

Hash value:

05E242B5F7A245E2202B3D88614A0B9FBC1A526979AA6B97655F5B27AA7CEBFDBF9FA26B0
E0A26197A9D56D34F695A80A50721B5A103D8858C54B3573B324BCE

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

Hash value:

70C8BB974086D7DB396A5F8C8577335EE7E27716E3E87597108D76F2FE2FA8F1A72A424166F
956546FAA5900870B9DBFB995909CED25ED032D55D77DDF8A08E2

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

**List of SHA-512 Hash Values for Certified Results Reports
Consolidated Presidential Primary Election, March 5, 2024**

Hash value:

0FFF37BA1288728C01616E6796AF813E24BF0BCF265E50A9F5451A8C7C7C0EC7C52D113151
F9DE246C01A0F7708EE364AFF9BBC590D78A2B9CD165F2BEEE38E5

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

Hash value:

D896C2C8900F022D07F74CCD6B748E9AEC80499C269F9F3152C6162476E4F07C288299652F
BF0CC4683064BEFA859712C25E7B3B21AEA83B536BA6B310B936BE

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

Hash value:

55531A3AFFBC847CF66D2996951A54A38A8E20D4DDCE6F90EE17A81A5C48C5AC54CEC6EF
5EFFE0869CB053A7892CA4DE228F8D8EC8258E16FC812ED323ABF9CE

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

Hash value:

CFEEEECC7B95BA8E1A8641655DBC2294423FC69B282CF6EC349D4D9F3B5E66D44FC2768459
BD15D3B10D7965AB96E005583C27F20F42395562C033D501F5D0D9D

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

Hash value:

8CAC4687F6CD17DB172088BDCAFA0F20DA378172EC912A4C150C733EEBDF9ADA88A97964
65A6E732E6D36F28E4548651367665F39642AAF2572C28F25E1485B3

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

Hash value:

8FF75869BBEC46CF632337C8AFA72344242DC040031756C067B397557FBD18F8C79E50D62C
2F18E52BFB7CCFEDF62521135449146009D39436FAE0532836F12D

13. **"Ballot Images, Supervisorial District 5 - ZIP"**, contains scanned ballot images in zipped TIFF format.

Hash value:

270C4219C9032688BA7DDA95E9623E3C6CA73897B3055DEEEA5DEF2FBA990C8991C210C57
F9E3B09C58A52707566836EFDCCD9B3AD239900566AAB69DC82BFE3

**List of SHA-512 Hash Values for Certified Results Reports
Consolidated Presidential Primary Election, March 5, 2024**

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

Hash value:

7ECBEEC6EDBA652C761FE6C504744A526F53037CFD179705180FEEAF8E1B68AE417E6D
DBF7DFDF16891696112C07D3061B6EFF59E83BA456B395EC882F77EF

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

Hash value:

70789F7CA2472A6CCCE3CD59F2690506C5182511A4DB2098310D80BF189FF0594827BFB1FC
7F359742DA0CA53BAB6932525623B097F23E8866C57BF531492E0F

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

Hash value:

F11C80B9D25601791A09FF730F07FFF498AE77D36AC360CE91E3F17EBA4470A2BD13EEC4C
0DE64DBBCAF361CA6B505F173142BF1BDA52BD583D035DEC76EC108

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

Hash value:

4872F85C060E3C8CA7F0B399B11415A5E5F6280E595A8B49F3B9818CED35574B985481FDAC
3A2A1F3D7F059E7B5D58FCB74D4C0597E1EBA0F6883F071BD35DBE

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

Hash value:

AF90308A41222CBB9B71E503938439460CBAC285DEC807B82F62F394AF6D359CFE2AAE61
CB698911C50B671E8D6711D5867C5EB3EDB77789FC8EA2DBA1B2046

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

Hash value:

1C21B12F984E7C7EB2B0DAB8749C3D648DF669862AD378ED180CEB07A98E0C44B32CE5959
F289B4C9AA45D37AF58EDA866516AFAEAEDA867E3F56C45D809CF12

**List of SHA-512 Hash Values for Certified Results Reports
Consolidated Presidential Primary Election, March 5, 2024**

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

Hash value:

C05C05E18ED3B3B95015B23F666DB987D0BBBBCD6A7DCC53EE47C32FC0C41576BC90B1E59
0A7F22EDE55EC7A29FEB5D8111890488485CA79ECB0C36DCA77F471

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

Hash value:

4B39DAACCCBF4735C41A9F4EF56FF6A114B8AB2C2D52C98EFC472956A063946A63CAABB60
EF240DF60FACBD8B766C3EBA79A8BB1DE6000956F85DF5FACA61EA2

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

Hash value:

9D553EFF8296D0674459BBBD20F3368FE4370A756CD5BA767FD5C75CB2F62167ADCF3AB4CB
7C862E2EE221434E25EBD99BA5A1D85774FA95922880F68EA86630

23. "Provisional Ballot Status Report," lists the disposition of the provisional ballots the Department received.

Hash value:

C47464D89517B1ABE856AF7D86861DDD8B63CF6ED23A7B8063056001F1430BD01C26A808B1
44D405C2FFC5AE1D169D7E3A10C7013D7FA506A86316B1ED68E20C

24. "Conditional Voter Registration Report," lists the disposition of the ballots cast during the Conditional Voter Registration period.

Hash value:

53D28E112178790DAE669E7F79334350116E430F2CF3B3ABFA41D98D1F5675248795F23288AB
6AC504393F462C1A56B3280509973193A85DBB161DD01FF2FDF8

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

Hash value:

EC7D087DFAF14BA45CDFB7346B2929AAE23DEDEE3F0CA29DD36D7B775C5DD5AA5C75B9C5
EAD0F4C785626A8876C37FA45CE320411FA6D790F588387519B4E2EA



March 22, 2024

**March 5, 2024, Consolidated Presidential Primary 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 place, vote-by-mail, and provisional ballots cast in the March 5, 2024, Consolidated Presidential Primary Election.

Random Selection of Precincts

On March 18, 2024, the Department conducted a random selection of precincts and batches for 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*, 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 the recording on its website.

For the March 2024 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, nine VBM batches to represent 1% of 751 batches of vote-by-mail ballots and, one PV batch to represent 1% of the 19 batches of provisional 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 nine batches (or boxes) of Vote-By-Mail (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 the VBM batches to be tallied in full. For the random selection of one batch of PV ballots required two 10-sided dice. After the five precincts and nine VBM batches were selected, all contests were determined to be included in both sets and there was no need to select additional precincts or batches. For the PV ballots, there was no need to select additional batches since all contests were included in the initial selection. The list of randomly selected precincts and batches, and contests tallied in each precinct is provided in Part I.

March 5, 2024 Consolidated Presidential Primary Election
Results of 1% Post-Election Manual Tally

Conducting the 1% Manual Tallies

The 1% manual tallies of randomly selected precincts and batches began on Monday, March 18, 2024, and was completed on Thursday, March 20, 2024. The manual tallies were conducted in the Department's warehouse at Pier 31, which is located along 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.

For each selected precinct and batch, Department personnel manually tallied votes cast on the ballots, including polling place ballots cast using the Ballot Scanning Machines (BSM), and accepted VBM and PV ballots, including the ballots issued at the Department's City Hall Voting Center. The manual counts were then compared against the results reports generated from the voting system. If there were any discrepancies between the two tallies, the Department sought resolution or explanations for these discrepancies and documented the resolutions using Manual Tally Incident forms.

Department personnel worked in four, four-person teams to manually tally votes on polling place ballots, VBM, and PV 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 count matched the machine count. If all the vote counts matched, the team proceeded to the next contest until all the contests on the card had been counted.

Results of the 1% Manual Tallies

A "variance" means any difference between the machine tally and the manual tally for a contest, 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 March 5, 2024 Consolidated Presidential Primary Election, the Department found no variances. The results of the 1% manual tallies confirm that the voting equipment used in the March 2024 election accurately tabulated and reported votes cast for contests appearing on the official ballot.

March 5, 2024 Consolidated Presidential Primary Election
Results of 1% Post-Election Manual Tally

The following are tables that summarize the manual tallies.

Part I. Randomly Selected Precincts and Contests Talled for the 1% Manual Tally

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

Part I: Randomly Selected Precincts, Batches, and Contests Talled for the 1% Manual Tallies

**Randomly Selected Precincts/Batches and Contests Talled for the 1% Manual Tally
March 5, 2024 Presidential Primary Election**

Initial six precincts selected for Precinct Ballots

Order Drawn	Precinct	Ballot Type	Contests Talled	Order Drawn	Precinct	Ballot Type	Contests Talled
1st	7047	5	All	4th	9451	7	All
2nd	7023	4	All	5th	9412	7	All
3rd	9506	1	All				

Eleven batches selected for VBM Ballots

Order Drawn	Batch	Ballot Type	Contests Talled	Order Drawn	Batch	Ballot Type	Contests Talled
1st	124	Mix	All	6 th	320	Mix	All
2nd	39	Mix	All	7th	665	Mix	All
3rd	173	Mix	All	8th	670	Mix	All
4th	238	Mix	All	9th	749	Mix	All
5th	258	Mix	All				

One batch plus four additional batches selected for PV Ballots

Order Drawn	Batch	Ballot Type	Contests Talled
1st	19	Mix	All

March 5, 2024 Consolidated Presidential Primary Election
Results of 1% Post-Election Manual Tally

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

Summary of Results of the 1% Manual Tally March 5, 2024 Presidential Primary Election			
Precinct	Contests Tallied	Precinct Ballots	
		Discrepancies found?	Causes
7047	All	No	NA
7023	All	No	NA
9506	All	No	NA
9451	All	No	NA
9412	All	No	NA
VBM Batch	Contests Tallied	Vote-by-Mail Ballots	
(Box) #		Discrepancies found?	Causes
124	All	No	NA
39	All	No	NA
173	All	No	NA
238	All	No	NA
258	All	No	NA
320	All	No	NA
665	All	No	NA
670	All	No	NA
749	All	No	NA
PV Batch	Contests Tallied	Provisional Ballots	
(Box) #		Discrepancies found?	Causes
19	All	No	NA