CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF ELECTIONS   John Arntz, Director

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
California Gubernatorial Recall Election – September 14, 2021

I, John Arntz, Director of Elections, certify that I have canvassed the ballots cast in the California Gubernatorial Recall Election held on Tuesday, September 14, 2021, within 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 September 14, 2021, and, as a result of the tabulation of all votes recorded, present a complete record entitled "Statement of the Results of the San Francisco California Gubernatorial Recall Election – September 14, 2021." I also declare that the number of ballots cast in said election was 341,055, which signifies that 67.95% of San Francisco's 501,919 registered voters voted in this election.

This election represents the second election for which all voters received ballots in the mail. Due to recent changes in state law, all voters will continue to receive ballots in future elections. The significant turnout for this election occurred despite the ongoing COVID-19 pandemic which has now continued through three citywide elections, and nearly spanning two full calendar years.

In accordance with California Elections Code section 15400, I certify that the total number of votes cast for and against the recall and for each candidate 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/sept2021results**, and is incorporated by reference to this Statement of the Results.

This Statement of the Results includes tables that present summarized totals of votes cast. The tables are organized in the following manner:

1. Statewide Recall Question

2. Voter-Nominated Offices
   A. Recall Replacement Candidates for Governor

For each results table, the totals shown represent votes cast only in San Francisco. The final, cumulative, results of all votes cast in the state are available on the California Secretary of State's website: **sos.ca.gov/elections**

For this election, all voters received a one-card ballot. The ballot content was listed as follows:

- **Card 1:**   Recall question, and Recall Replacement Candidates for Governor.

Although this Statement of the Results includes the contest for United States Representative, District 13, the boundary that places this district within San Francisco extends across San Francisco Bay and crosses the extreme southwest corner of Alameda Island. Other than this uninhabited corner, the district lies entirely within Alameda County. This is why the table showing results for this contest indicates 0 votes and 0% turnout.

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 that the Department implemented during the 2019 Consolidated Municipal Election allows for increased election transparency through the posting of images of voted ballots, equipment transaction logs, and other election reports, all of which will be posted with the final election results on the Department's website, *sfelections.org.*

Voted ballot images.

The Department will post images of voted ballots cast in this election during this week, allowing members of the public to view each voted ballot cast in the City. Prior to posting the ballot images, the Department reviewed the images and redacted identifying information that voters may have placed on ballot cards.

In addition to the voting system capturing images of voted ballot cards during processing, the system also appends statements that explain how the voting equipment interpreted and tallied each vote mark. These statements, or AuditMarks, provide the public with information on how the voting system operates in relation to recording and reporting every vote cast in this election.

Ballot Audit and Review

The Department will post 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 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 compare against the official election results.
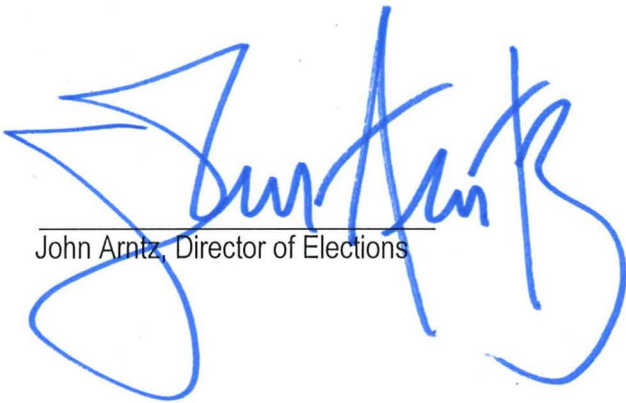
Attachments

Attachment 1 provides tables that list the votes cast.

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 5th day of October, 2021.

John Arntz, Director of Elections

1. STATEWIDE RECALL QUESTION

I certify the results for the following STATEWIDE RECALL QUESTION:
(Results represent votes cast in San Francisco only)

RECALL QUESTION: Shall GAVIN NEWSOM be recalled (removed) from the office of Governor?

	Vote Totals	% of Votes		
NO	292,744	**86.12%**	Undervotes	1,093
YES	47,193	**13.88%**	Overvotes	25

2. VOTER-NOMINATED OFFICES
(Results represent votes cast in San Francisco only)

I hereby certify the results for the following **RECALL REPLACEMENT CANDIDATES FOR GOVERNOR**

Candidates	Vote Totals	% of Votes
KEVIN PAFFRATH	26,434	21.07%
LARRY A. ELDER	26,285	20.95%
KEVIN L. FAULCONER	14,317	11.41%
JOEL VENTRESCA	9,660	7.70%
BRANDON M. ROSS	8,387	6.69%
JACQUELINE MCGOWAN	5,354	4.27%
DANIEL WATTS	4,613	3.68%
JOHN COX	4,261	3.40%
KEVIN KILEY	3,560	2.84%
DAN KAPELOVITZ	2,955	2.36%
JOHN R. DRAKE	2,061	1.64%
HOLLY L. BAADE	1,928	1.54%
ANGELYNE	1,843	1.47%
CAITLYN JENNER	1,631	1.30%
PATRICK KILPATRICK	1,412	1.13%
MICHAEL LOEBS	1,247	0.99%
ARMANDO "MANDO" PEREZ-SERRATO	1,188	0.95%
DAVID MOORE	914	0.73%
HEATHER COLLINS	914	0.73%
JEFF HEWITT	743	0.59%
STEVE CHAVEZ LODGE	626	0.50%
DAVID LOZANO	585	0.47%
MAJOR SINGH	528	0.42%

San Francisco
Department of Elections

California Gubernatorial Recall Election
September 14, 2021

Attachment 1
Statement of the Results

List of Candiates is continued from Page 1		
JENNY RAE LE ROUX	442	0.35%
DENNIS RICHTER	328	0.26%
TED GAINES	320	0.26%
DENVER STONER	261	0.21%
DIEGO MARTINEZ	256	0.20%
DOUG OSE	255	0.20%
ANTHONY TRIMINO	222	0.18%
DENIS LUCEY	214	0.17%
SAM L. GALLUCCI	168	0.13%
KEVIN K. KAUL	166	0.13%
SARAH STEPHENS	163	0.13%
DAVID ALEXANDER	159	0.13%
ADAM PAPAGAN	142	0.11%
JAMES G. HANINK	133	0.11%
CHAUNCEY "SLIM" KILLENS	129	0.10%
DANIEL MERCURI	115	0.09%
ROBERT C. NEWMAN II	76	0.06%
NICKOLAS WILDSTAR	70	0.06%
RHONDA FURIN	69	0.06%
DAVID HILLBERG	69	0.06%
LEO S. ZACKY	62	0.05%
JEREMIAH "JEREMY"	53	0.04%
JOE M. SYMMON	34	0.03%
MAJOR WILLIAMS*	36	0.03%
MIKI HABRYN*	34	0.03%
ROXANNE*	12	0.01%
STACY SMITH*	3	0.00%
VIVEK B. MOHAN*	1	0.00%
THUY E. HUGENS*	0	0.00%
VINCE LUNDGREN*	0	0.00%
Total Votes Cast	125,438	
Undervotes	214,722	
Overvotes	895	
Total Ballots Cast	341,055	

*Qualified Write-in Candidate

List of SHA-512 Hash Values for Certified Results Reports
Statement of the Results
California Gubernatorial Recall Election, September 14, 2021

This list represents the various certified results reports the Department of Elections issued for the September 14, 2021, California Gubernatorial Recall 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:
    7BAAA24B3702FC2167ACC10AF37E10A36B177BA543C843F6672EDD8D116BCF7E61981AE8A
    63E8691C7780C32069205C9CD280E56774F15C65243655332163ADD

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

    Hash value:
    5122FBE2083769AB9A858131EC9741BEA73482E0757FD7E826CAC5C456E8CADB6721F88390
    C069E215381E1A85E713F726D85A890DFBC35B8FFD28193A5716FA

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

    Hash value:
    29939ABFE4F439BD1A5001B958670B06BA0D8850DD032627D8A41C77814F25C919FDE3F383
    4115D42DFD733A2216C8EE4E971097AE5BAAC199B98EE0D5132F5A

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

    Hash value:
    F4ED3D41428DEC78F4F47A2A6A5CC355DB606B75ABC5D56A13DB3CBBAF40FC0326FEBBB
    B8407ECA8A5E2889FA6D149CBCA46B3BB5B3987C34AD5C7A922617FF5

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

    Hash value:
    AA150B3D116413239411D417FFC48EAF0D367C5B574182A03DC7009F95593F87435205D76D
    ED5752367B0AACA99DA3DDE9482580A05BD665AE700FDAC393AF5D

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

    Hash value:
    E868888A167115C5A0FD2F45638EC6F924A97C40E842DC3ACFBEFC643C4141E76A777C1EC
    36D3D8599DEBBFD4DD047EBDEF9B37DD6D544366823BF30C0971721

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
Statement of the Results
California Gubernatorial Recall Election, September 14, 2021

Hash value:
2B997FBB3D6A00C3670143F15ACEE1E78D1A9B6BB6B2923F209CD3427B077E9A9C28311323
9CBBE06199D0A93446BA8F33C2436AF997F6B2982A6E5AD008888F

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

Hash value:
ED35467A6DC7E1BC13C643F50A7250FFAA6A87A5DD217A8049B433CA793D731880BA64D47
70F4E4D6D02D4D577F1115C94833D7476D37EACF1C3F7A0016581C1

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

Hash value:
7BC52DAA481A9D336E1B3EF3DD31E5256B88749D2ADB3988DA218B16E0079511C5D2ED60A
BF01948F574EE8FA2CD7CDBBEA7B0296AAAFE75A30F142B3BD1A024

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

Hash value:
668792DE803A71510B27A78BE02695D782A4348FCE1DA9DA601CD9CCFDDDF6ED6DE53D32
A5CB1D7E008C231BC5C774010EF1CC109BA4A07DDE45CF71A1FE12FF

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

Hash value:
A16530DDAAFED76ED999B1AED80B6AE0B091EA2E23D486C75192A2C5146CB9749831B4135
5CE08F7D7B69E1C74BFD68038FD4A48439440001358886E0FCEDE5A

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

Hash value:
56B1D3CE9AF6DA8AC832DD9F33B5D1D2BAC4E88A5111AE6AA6517ED15EC63077113F0057
D1E759D843E7EE3BC6AC64D53A58F33D4EA106741415AB8D9E8E859E

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

Hash value:
35C4D0E74CF58370FDF0C8DABE2546C000308A56FF4992CE3FDBEFB7FD785A402266F8116
F5CEC8E52479C67FFDB09B232E2AFF86F68D79773CC7F56E02B656D

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

List of SHA-512 Hash Values for Certified Results Reports
Statement of the Results
California Gubernatorial Recall Election, September 14, 2021

Hash value:
4514DB7A20B904F014CACBE92CEFB2EF80FA9F8BCD940F7CE215985CA7C43F64AA6CA49E
7DE252927BD8275ADE20714FF54159770B8EDE8EC9B332EE4C8218DD

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

Hash value:
BD4DBBCBE107BB7518FBE2A525588D158919D1ED033B7646FE5141B7B12EFAC6C6DE8AEA
0ACC851E2787C2764B2D836225B747AB209126B35D718E0743BF189D

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

Hash value:
31AFFA69D07A1E88547333D49040EA4055FA243FDBA0AF08650665A41D82F5098D76088F22E
5457C9DE4AC536A578DFF9064494D014E3605AC0108A6DBEF2121

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

Hash value:
7880F48418A6F5970663ADF057B1363A3E6D1E079E9A5BC1B86D16B8EC17171F2C8215B624
120733DC6A15BB35DF0997819BBA83F9359A986EB47959D737DBEC

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

Hash value:
9FF008741B9509BDBD53023B40CE7297ED2C79126F762A657F7D02575DAD86A61A74BD6658
80A3CBD5BBDA427FA97D609E969F1EAE9F1F281677977FCA50951C

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

Hash value:
A7705C64D7AB301FAEA2E7CFF7AB47645B67B40C5CEFABFEF8266EFE9D757803C6D5FB1A4
E0D97D0673E8909D538BED01A658540AC8CF75DCD70C53EEAFDE8C9

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

Hash value:
600B97F7E0608E2080EE8C00D971E07CE1AACCD444664BDEA235A2E89C73D652C5067F90B8
5B7FF97F11871608D1EC8A4C78DBB15C046C5F5791D1D864FAD668

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

List of SHA-512 Hash Values for Certified Results Reports
Statement of the Results
California Gubernatorial Recall Election, September 14, 2021

Hash value:
70E3F218E061212DD75D1C7FF6F7A9AFAEAFF5877F6402E3DBBC049D3F2EDD37E4BDEAFD2
21E0B2C560ED2BCF1720849CC737E6783951F93F918CD3E813DFCB6

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

Hash value:
53A4A549814157DFD15D376DBF5933D8FE54A9A9CA8757F72D85EB875B1770F11F4579F9D19
5B298AE5B1DDCC94128B22C5CB04A4F905BFA6C15F99722FE3726

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

Hash value:
8F9216587F6C76CE9BF6F0FB9A737AB3C2660F084C42C85C03C559A26CA678CB03BE391AA6
9BFB8B150A049691CAD193B8E12A28F11AB17BF974DC2DB09A0D54

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

Hash value:
64C3D787915E0EED56715C50EB32D186DCFF89F19EFC61215488A56EBEF7A609A6DCD4C743
40CB750ABF15A8841CF694C7AF05B7B80F8274FB1E11FCC4BC223E

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

Hash value:
0F70F9E5F66F40524BEA5C1DF1E250F60CAC19F726DFE21B3DB9437DA377B1BA4F46B37380
ECC9A6847CB72095B0D98CDA90F25208AF0072BF0A41F82D95AB8E

CITY AND COUNTY OF SAN FRANCISCO
DEPARTMENT OF ELECTIONS
John Arntz, Director

September 23, 2021

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

September 14, 2021, California Gubernatorial Recall 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 also manually tallies 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 for the September 14, 2021, California Gubernatorial Recall Election.

Random Selection of Precincts
On September 21, 2021, 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 September 14 election, the Department was required to conduct a manual tally of ballots cast in a minimum of six precincts, to represent 1% of San Francisco's 588 polling places included in the election, and 1% of all vote-by-mail and, optionally, 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 in three categories. The first category was for selecting six precincts for ballots cast at the polling places. The second category was for selecting six batches (or boxes) of Vote-By-Mail (VBM) ballots representing 1% of all VBM ballots counted. 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 batches to be tallied in full. All the contests in the

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TTY (415) 554-4386   City Hall, Room 48, San Francisco, CA 94102   Filipino (415) 554-4310

election were covered in all the drawn precincts, and VBM/PV batches. For a list of randomly selected precincts and contests tallied in each precinct, see Part I below.

Conducting the 1% Manual Tallies

The 1% manual tallies of randomly selected precincts and batches began on Tuesday, September 22, 2021, and was completed on the same day. The manual tallies occurred in the Department's warehouse on Pier 31, and located along Embarcadero St. 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 vote-by-mail and provisional ballots, including those issued at the Department's City Hall Voting Center. Vote-by-mail and provisional ballots, and paper duplications of ballots through the remake process using the Ballot Marking Device are tabulated using the ImageCast Central (ICC) machines. The manual counts were then compared against the results reports from the voting system ballot counts. If there were any discrepancies between the two tallies, the Department sought resolution or explanations for these discrepancies.

Department personnel worked in five, 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.

After a manual tally, Department personnel seek to resolve any discrepancies between the tally and the machine count and document the resolutions using Manual Tally Incident forms. For this election, there were no discrepancies found during the manual tallies. There were other Initial discrepancies but these were superficial and were due to miscounts by the team members.

Results of the 1% Manual Tallies

In accordance with the Post-Election Manual Tally Emergency Regulations, 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 September 14 election, the Department found no variances between the manual tallies and the results reports caused by voting equipment malfunction.

The results of the 1% manual tallies confirm that the voting equipment used in the September 14, 2021, California Gubernatorial Recall Election accurately tabulated and reported votes cast for contests appearing on the official ballot.

Following are tables that summarizes the manual tallies.

Part I: Randomly Selected Precincts, Batches, and Contests Tallied for the 1% Manual Tallies
Part II: Summary of Results of the 1% Manual Tallies

Part I:

The following table provides a list of randomly selected precincts, batches, and the contests tallied.

Randomly Selected Precincts and Batches Included in the 1% Manual Tallies September 14, 2021 Election			
Six precincts selected for Precinct Ballots			
Order Drawn	**Precinct**	**Ballot Type**	**Contests Tallied**
1st	9427	1	All
2nd	7349	2	All
3rd	9435	1	All
4th	9142	1	All
5th	7909	2	All
6th	1153	2	All
Batches selected for VBM Ballots			
Order Drawn	**Batch (Box) #**	**Ballot Type**	**Contests Tallied**
1st	485	Mixed	All
2nd	478	Mixed	All
3rd	655	Mixed	All
4th	610	Mixed	All
5th	715	Mixed	All
6th	492	Mixed	All
7th	487	Mixed	All
8th	185	Mixed	All
Batch selected for PV Ballots			
Order Drawn	**Batch #**	**Ballot Type**	**Contests Tallied**
1st	4002	Mixed	All

Part II:

The following table provides a summary of the results of the 1% manual tallies, including any discrepancies between the manual tallies and the results reports generated by the voting equipment and possible causes of these discrepancies.

Summary of Results of the 1% Manual Tally September 14, 2021 Election			
Precinct	**Contests Tallied**	**Precinct Ballots**	
		Discrepancies found?	**Causes**
9427	All	No	NA
7349	All	No	NA
9435	All	No	N/A
9142	All	No	NA
7909	All	No	NA
1153	All	No	NA
Batch	**Contests Tallied**	**Vote-by-Mail Ballots**	
(Box) #		**Discrepancies found?**	**Causes**
485	All	No	NA
478	All	No	NA
655	All	No	NA
610	All	No	NA
715	All	No	NA
492	All	No	NA
487	All	No	NA
185	All	No	NA
Batch	**Contests Tallied**	**Provisional Ballots**	
(Box) #		**Discrepancies found?**	**Causes**
4002	All	No	NA