From: mailinglist@capitol.hawaii.gov
Sent: Sunday, April 03, 2011 3:52 PM
To: JDLTestimony
Cc: barbarapolk@hawaiiantel.net
Subject: Testimony for HB638 on 4/4/2011 9:00:00 AM
Attachments: HB 638 HD1 Sen IRV.doc; HB 638 S Amend.doc

LATE TESTIMONY

Testimony for JDL 4/4/2011 9:00:00 AM HB638

Conference room: 016
Testifier position: support
Testifier will be present: Yes
Submitted by: Barbara Polk
Organization: Americans for Democratic Action/Hawaii
Address:
Phone:
E-mail: barbarapolk@hawaiiantel.net
Submitted on: 4/3/2011

Comments:

ADA
HAWAI'I
AMERICANS FOR DEMOCRATIC ACTION

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April 1, 2011

TO: Sen. Clayton Hee, Chair; Sen. Maile Shimabukuro, Vice Chair
Members of the Senate Committee on Judiciary and Labor

FROM: Americans for Democratic Action/Hawaii
Barbara Polk, Legislative Chair

TESTIMONY IN SUPPORT OF HB 638 RELATING TO ELECTIONS

Americans for Democratic Action/Hawaii supports HB 638 that seeks to implement the method of instant run-off voting (IRV) for county non-partisan and special elections. Although Americans are used to assuming that the person with the highest number of votes should be elected, we also believe that an elected politician should have majority support. When more than two candidates are running in a "winner take all" election, a candidate with a small percentage of the vote may be elected, and the majority support belief is violated. The elected candidate does not necessarily represent the electorate.

To ensure majority support of the elected candidate, instant run-off voting (IRV) seeks to identify the winner by allowing voters to rank up to four candidates for an office. If no candidate wins a majority of first place votes, candidates with the fewest votes are deemed defeated and their votes redistributed to the remaining candidates according to the next highest choice of each voter. This process continues until one candidate has a majority of votes. Only one vote per voter is counted at any given time.

Another advantage of IRV is that it eliminates the "spoiler effect" in which a third candidate may "spoil" the possible win of one of the stronger candidates (e.g., Bush, Gore, Nadar). In addition, a voter can vote for his most preferred candidate, even if he knows that that candidate is unlikely to win, without "wasting" his vote. As a result, IRV would provide us with a better understanding of the opinions of voters.

In county elections that hold a "first special election" (commonly called a primary) and a "second special election" (commonly called a general election), using the IRV method reduces costs to candidates and to the county by eliminating the need for two elections. (We note that because of differences in the usage of the terms "special election" and "primary election" in the State Constitution and County Charters, it may be desirable to modify the wording of the bill to clarify what elections it applies to.)

We have recommended a substantive amendment to this bill to improve its implementation. (Please see attached page). With many candidates in an election, the IRV method could become unnecessarliy prolonged. The bill before you deals with this in two ways—by eliminating all candidates with fewer

than one percent of the vote in the first tally, and by providing that tabulation of votes cease after four rounds of elimination and redistribution of votes. We believe that these approaches do not solve the problem and may result in the election of a candidate who has not achieved a majority of the votes—the outcome that IRV is intended to avoid!

Our proposed amendment removes those two provisions and, instead, would keep I competition only the top four candidates in the first vote tally. Doing this would also limit the tallies to four rounds. We believe it would be extremely rare (and probably not very palatible to the public) for someone who was fifth or lower in terms of first place votes to wind up winning an election!

Finally, we would urge that instant runoff voting be available for use in party primary elections as well, since it is often the case that there are multiple candidates such that no candidate wins a majority of votes. The fact that a candidate may not represent a majority of his or her party may be one cause of low voter turnout in general elections.

Thank you for hearing HB 638. Americans for Democratic Action/Hawaii supports its passage.

Amendments to HB 638 HD 1 proposed by
Americans for Democratic Action/Hawaii
Barbara Polk, Legislative Chair
April 2, 2011

Proposed Amendment:

Section 2-A(b) If at the end of the initial count, no candidate receives a majority of the first choice votes cast, the county clerk shall declare that no candidate has received a majority of first choice votes and that all but the top four candidates are defeated.~~the candidate with the fewest first choice votes and candidates receiving fewer than one per cent of the first choice votes, if any, are deemed defeated.~~ The county clerk shall transfer the ~~first choice~~ votes for the defeated candidate(s) to the candidates who received the next highest ranking on each ballot containing first choice votes for the defeated candidate(s). If after the first round of transferring votes no candidate has received a majority of votes cast for the office, the process of eliminating candidates, transferring votes, including previously transferred votes, to candidates still in the race, and tabulating results shall continue until one candidate receives a majority of the votes cast.~~ If after the fourth round of tabulation no candidate has received a majority of the votes cast, then the candidate with the most first choice votes following the fourth round of tabulation shall be declared the winner, regardless of whether that candidate has received a majority of the votes cast.~~ Blank, ~~and~~ spoiled, and exhausted ballots ~~votes~~ shall not be tabulated in determining the majority. *[Note: "exhausted ballots are defined in section 11-B.]*

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, April 03, 2011 10:09 AM
To: JDLTestimony
Cc: nihipalim001@hawaii.rr.com
Subject: Testimony for HB638 on 4/4/2011 9:00:00 AM

LATE TESTIMONY

Testimony for JDL 4/4/2011 9:00:00 AM HB638

Conference room: 016
Testifier position: support
Testifier will be present: No
Submitted by: Michele Nihipali
Organization: Individual
Address:
Phone:
E-mail: nihipalim001@hawaii.rr.com
Submitted on: 4/3/2011

Comments:
Senator Hee:
I fully support HB638 as a fair and legitimate way for runoff elections in counties. With HB638 the candidate with the true majority of votes will win.

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, April 03, 2011 11:36 AM
To: JDLTestimony
Cc: ndavlantes@aol.com
Subject: Testimony for HB638 on 4/4/2011 9:00:00 AM

LATE TESTIMONY

Testimony for JDL 4/4/2011 9:00:00 AM HB638

Conference room: 016
Testifier position: support
Testifier will be present: No
Submitted by: Nancy Davlantes
Organization: Individual
Address:
Phone:
E-mail: ndavlantes@aol.com
Submitted on: 4/3/2011

Comments:
I fully support instant runoff voting in appropriate elections as it would prevent candidates winning with far fewer than 50% of the vote, as we have seen in some recent Allowing voters to rank their choices of candidates, followed by rounds of instant runoff tabulations until a winner emerges with a true majority of the vote is a way to ensure that the winner truly has the majority of voters in his/her favor. This reform helps prevent the "spoiler" effect and promotes a more representative outcome.

Mahalo for considering my comments.

Nancy Davlantes
47-228 Kamehameha Hwy
Kaneohe, HI 96744

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, April 03, 2011 3:16 PM
To: JDLTestimony
Cc: palmtree7@earthlink.net
Subject: Testimony for HB638 on 4/4/2011 9:00:00 AM

LATE TESTIMONY

Testimony for JDL 4/4/2011 9:00:00 AM HB638

Conference room: 016
Testifier position: support
Testifier will be present: No
Submitted by: jAnice palma-glennie
Organization: Individual
Address:
Phone:
E-mail: palmtree7@earthlink.net
Submitted on: 4/3/2011

Comments:
good bill. please pass.

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, April 03, 2011 5:20 PM
To: JDLTestimony
Cc: twreilly@gmail.com
Subject: Testimony for HB638 on 4/4/2011 9:00:00 AM
Attachments: Oakland Council RCV Report.pdf

LATE TESTIMONY

Testimony for JDL 4/4/2011 9:00:00 AM HB638

Conference room: 016
Testifier position: oppose
Testifier will be present: No
Submitted by: Terry Reilly
Organization: Individual
Address:
Phone:
E-mail: twreilly@gmail.com
Submitted on: 4/3/2011

Comments:
RCV has show repeatability to impose difficulty on voters who have been historically disenfranchised. This recent report to Oakland's City Council shows the problems voter had.

Has the legislature reviewed if Section 5 of the Voting Rights Act requires them to get DOJ approval to any changes that may affect the historically disenfranchised?

FROM THE DESK OF
TERRY REILLY

April 3, 2011

Oakland City Council
One Frank H. Ogawa Plaza
Oakland, CA 94612

Dear Councilmembers,

The Alameda Registrar of Voters' (RoV) recent report details what is considered to be a "Correctly Marked Ballot". This report will be reviewed during your April 5th Council meeting.

The ROV describes it this way:

1) A single vote in each column (Vote, Vote, Vote)
2) A single vote in each of the first 2 columns and no vote in the 3rd (Vote, Vote, Skip)
3) A single vote in the first column and no vote in the 2nd and 3rd columns (Vote, Skip, Skip)
4) No vote in any of the 3 columns. (Skip, Skip, Skip)

In order to gauge the effectiveness of the hundreds of thousands of dollars spent on education and outreach, it is necessary to analyze the ballots to see if the voter "correctly it marked". This was the described purpose of both the RoV's education campaign, and Oakland's addition $100,000 targeted campaign.

Most important, is to compare the percentage of ballots "correctly marked" in the target precincts of the City of Oakland's additional effort. Oakland's Voter Outreach and Education Campaign had the expressed goal of ensuring that Oakland's historically disenfranchised and underrepresented populations in the neighborhoods of the City that have had historically lower voter participation are informed of the changes, understand how the new voting process will work, and have confidence that their vote will be counted.

This report will review selected precincts within Oakland, using the RoV's guidelines for "Correctly Marked Ballots".

Though there is only a dozen or so analyzed, it will be clear precincts in the areas of Oakland's historically disenfranchised, underrepresented and ethnic populations faired poorly compared to other areas.

I request that Oakland contract to do a full analysis of all precincts, so a fuller picture may emerge on the effectiveness of the education campaign, and Oakland's Citizen's ability to fully understand this novel voting method.

Sincerely,

Terry W. Reilly

cc: Oakland City Clerk

KEY:
The key for a correct vote following the RoV rules would be:
VVV - A vote for three different candidates
VUU - A vote for one candidate as first choice - no other choices
VVU - A vote for a first and second choice, skipped third
UUU - No vote in any of the three columns

Adding a more liberal interpretation of the RoV rules, I have added the following as "Correct Ballots, though the voter did not follow the directions:
RRR - The SAME (Repeat) candidate chosen in each rank. (Common courtesy shows a voter had one choice.)
VRR - A vote for a candidate in the first rank, and the another candidate in both the second and third column.

ANALYSIS METHOD:
The RoV releases a "ballot image" which contains information on every single ballot cast. It shows the voters ranking, if there were overvotes or undervotes, the voter's precinct, if the ballot was cast by mail, or if it was counted at the polling place. Information contained in the ballot image is defined in Oakland's Charter.

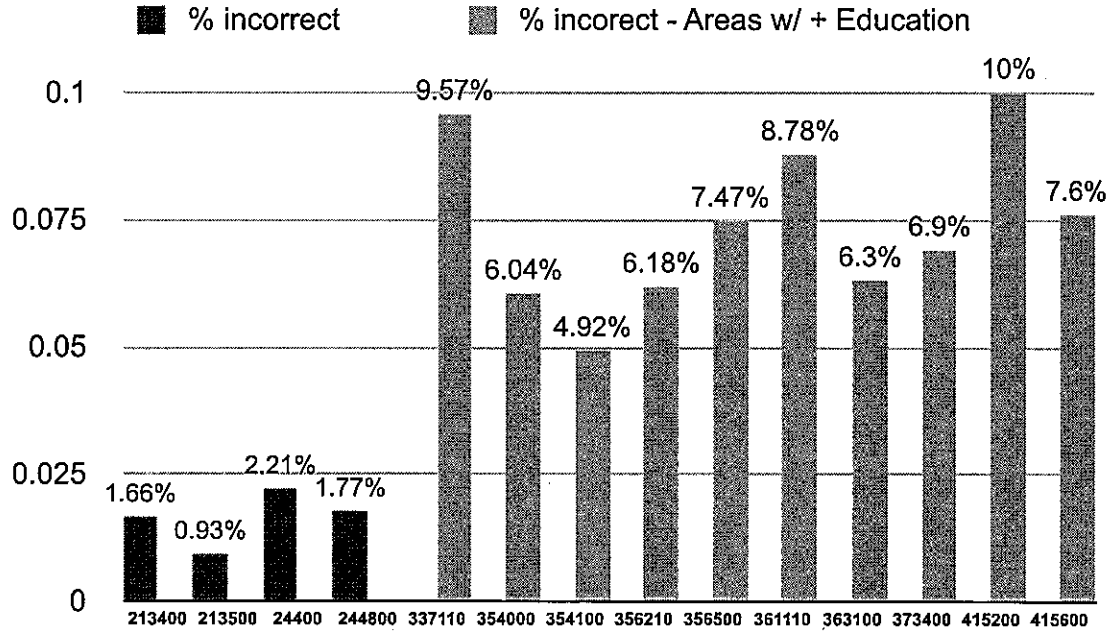
Using this information, a program was created to divide the ballot image into each precinct. In the end, each precinct would now have its own ballot image, containing all the information for that precinct. From there, the ballot image was run through another program that would mimic an RCV contest just for that precinct. The ballot image is reformatted to show the various votes, and how many there were or each iteration. As described earlier, the file will show 1st choice>2nd Choice>3rd Choice. For example RK>JT>DP would be a voter chose Kaplan 1st, Tuman 2nd, and Perata 3rd.

With this file, an algorithm is applied to show the various ballot types, and the frequency of those ballots. From this, and overall picture of how many voters cast correctly fill out ballots can easily be determined.

In addition, an algorithm is applied to find the number of "involuntarily exhausted" ballots as defined by the RCV federal lawsuit currently with the 9th Circuit Court. Ballots can be exhausted in two ways. They can contain one or two ranking of less popular candidates, and at some point in the vote shuffling, these candidates are no longer in the running, and that ballot is exhausted. "Involuntarily exhausted" ballots are those ballots that had three choices, but did not contain one of the two candidates in the final decisive round. The lawsuit contends these voters, if not restricted to three choices, would have chosen additional candidates and would have a say in the final decisive round. So, there is a very clear distinction between the types of exhausted ballots. Those that chose to rank one or two, and those that were *restricted* to three, and exhausted because of this limitation.

Results:
13 Precincts were chosen randomly, making sure there was a sample of precincts spread out that were part of the additional education funded by Oakland's $100,000 in grants. The ballot image provided by the RoV was divided into the precincts 13 precincts. An algorithm was applied to determine the types of ballots. These are attached. Demographic information is included on the spreadsheets, but be aware, precincts are smaller than zip codes though it does provide a snapshot of the neighborhood.

PRECINCT	ADDRESS	ROV ID	% BALLOT FILLED OUT INCORRECTLY
213400	6300 MORAGA AVE	103	1.66%
213500	6373 FAIRLANE DR	104	0.93%
244000	7080 COLTON BLVD	151	2.21%
244800	3594 SANBORN DR	159	1.77%
337110	***270 13TH ST***	***289***	***9.57%***
354000	***1500 E 15TH ST***	***324***	***6.04%***
354100	***2701 22ND AVE***	***325***	***4.92%***
356210	***2035 40TH AVE***	***336***	***6.18%***
356500	***147 FRUITVALE AVE***	***336***	***7.47%***
361110	***6401 FENHAM ST***	***339***	***8.78%***
363100	***2201 73RD AVE***	***351***	***6.30%***
373400	***975 85TH AVE***	***367***	***6.90%***
415200	***1401 98TH AVE***	***392***	***10.0%***
415600	***215 ISLETON AVE***	***395***	***7.6%***



ADDITIONAL INFORMATION SUGGESTED FOR REVIEW:

There are a few other aspects that could assist in determining how the citizens of Oakland handled the new voting system. First, obtaining the number of spoiled ballots cast on election day in each precinct could provide valuable data. These are the number of ballots put through the Sequoia Insight optical scanner that were spoiled due to overvotes. If an overvote is detected, the Sequoia Insight spits the ballot back out and alerts and election official. The voter has two options. Override the machine and have it take the ballot, or request a new ballot to try again. The voter has three tries to get it correct (CEC § 14288). The ballots the voter relinquishes in order to get a new ballot are called "spoiled ballots". The election official takes those spoiled ballots and puts them in the #7 Spoiled Ballot Bag. The number of spoiled ballots for each precinct are listed on the Official Ballot Statement for each precinct (sample attached). To compare the number of spoiled ballots in the RCV election, with a previous election, would provide valuable data. In addition, comparing the spoiled ballot rate across the city would also show how the education effort worked. Many municipalities, such as Minneapolis, release spoiled ballot information in their RCV elections . This data was valuable for the city and researchers.

Additional analysis was made comparing VBM and voting at the polling station. It should be noted Vote by Mail Ballots (VBM) voters cannot scan their ballots through the polling place's on-site overvote checking Optical Scanners. This has concerned some voting rights advocates as a higher number of overvotes (fatal errors) will most certainly be submitted by those that vote by mail. Vote by mail in Alameda County has more than tripled in recent years from just 18% of all voters in March 2002, to nearly 65% in 2010.

An analysis of two precincts with high error rates (415300 & 356500) shows most overvotes - the error which can be fatal to your vote, occur with a VBM ballot due to the lack of error checking.

PRECINCT	ON-SITE OVERVOTES	VBM OVERVOTES
415200	0	12 (5.65%)
356500	0	12

A review of how many VBM voters had overvotes vs. on-site voters would provide valuable information to gauge wether VBM voters have their ballot discarded at a higher rate.

I would be happy to review with Oakland staff the algorithms used to parse out the data.

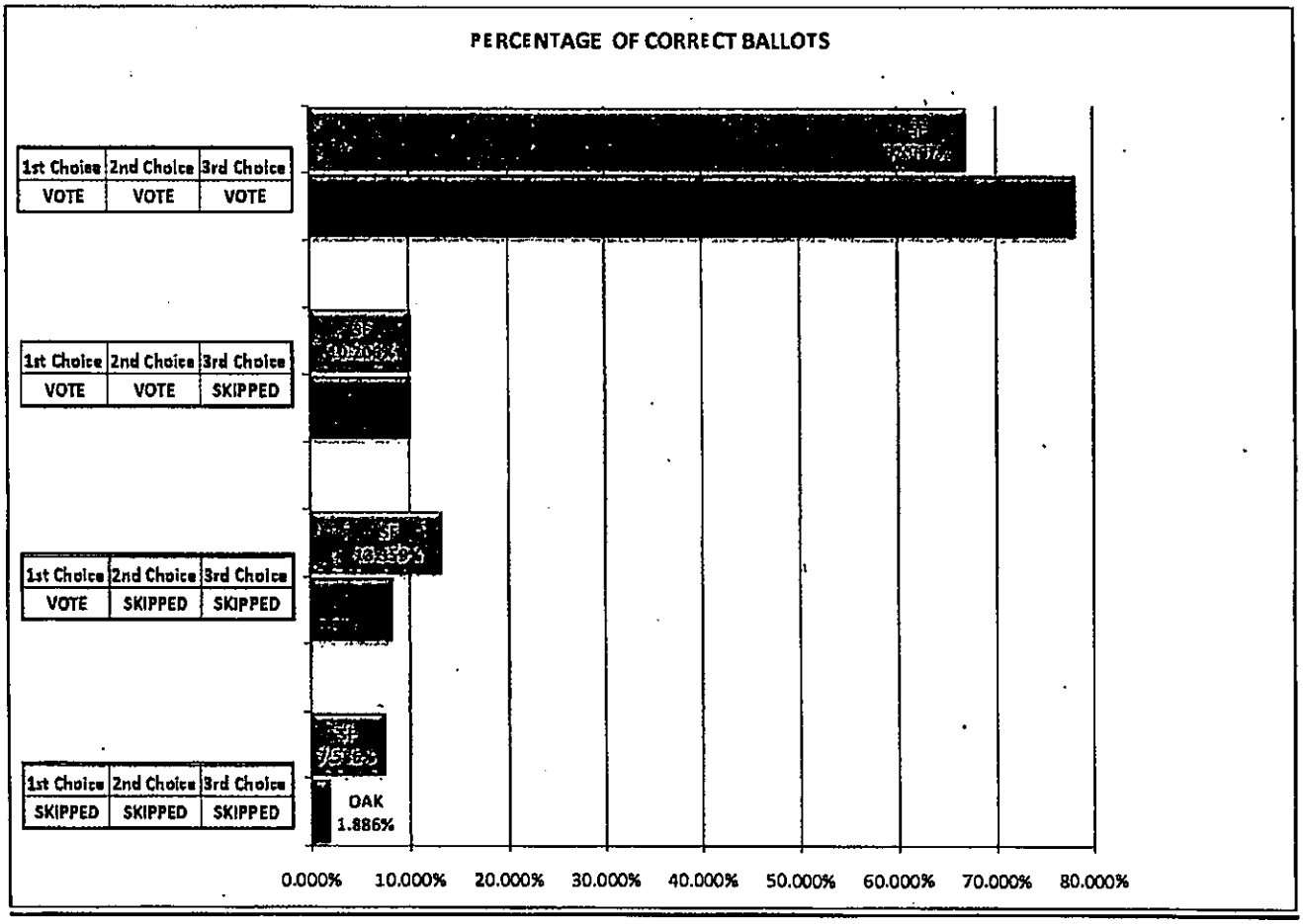
Correctly Marked Ballots

A "Correctly Marked Ballot" is a ballot with any of the following ballot marking combinations:

1) A single vote in each column (Vote, Vote, Vote)
2) A single vote in each of the first 2 columns and no vote in the 3rd (Vote, Vote, Skipped)
3) A single vote in the first column and no vote in the 2nd and 3rd columns (Vote, Skipped, Skipped)
4) No vote in any of the 3 columns (Skipped, Skipped, Skipped)

The following charts show a comparison of the overall percentage of ballots cast in the district supervisor contests (where the RCV algorithm was used) in the 2008 and 2010 San Francisco elections with the 2010 Oakland Mayor contest.

2010 OAKLAND MAYOR v. 2008 SAN FRANCISCO ELECTION



Oakland Mayor Precinct 213400 - RoV id 103
6300 MORAGA AVE OAK
MONTCLAIR REC CENTER FRONT LOBBY

	# Ballots	% Ballots
	493	
Undervotes	10	2.03%
Total Ballots Cast	483	100.00%
1st Round Overvote	0	
Total Overvotes	3	0.62%

UUU	10	
VVV	366	75.78%
VVU	70	14.49%
VOV	1	0.21%
VUU	25	5.18%
RRR	14	2.90%
VOO	1	0.21%
RUR	1	0.21%
RRV	2	0.41%
VRR	2	0.41%
RVR	1	0.21%
Total Ballots not filled out properly	*8*	*1.66%*

Exhausted Ballots =	60	12.42%
Involuntarily Exhausted Ballots =	38	7.87%
(3 choices none listing JQ, DP)		

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

DEMOGRAPHICS (2000 CENSUS by Zip 94611)

White	76.1%
Black or African American	10.0%
Asian	11.7%
Hispanic or Latino	5.1%
High School Graduate or Higher	95.6%
Bachelors or Higher	66.8%
Speak Language Other Than English at Home	17.1%
In labor Force	70.3%
Median Family Income	$105,465
Individuals Below Poverty Line	6.8%
Median Value of Home	$498,300
Home ownership	56.5%

Involuntarily Exhausted Ballots

# Row	# Ballots	% Ballots
28	38	100.00%
AF>GH>DM	1	2.63%
AF>MH>DM	3	7.89%
DM>AF>GH	1	2.63%
GH>AF>JT	1	2.63%
GH>JT>AF	2	5.26%
GH>JT>DM	1	2.63%
GH>JT>RK	2	5.26%
GH>MH>AF	1	2.63%
JT>AF>RK	1	2.63%
JT>DM>AF	1	2.63%
JT>DM>MH	1	2.63%
JT>GH>AF	2	5.26%
JT>GH>DM	1	2.63%
JT>GH>MH	2	5.26%
JT>GH>WI	1	2.63%
JT>MH>DM	1	2.63%
JT>RK>AF	1	2.63%
JT>RK>DM	2	5.26%
JT>RK>GH	2	5.26%
JT>RK>MH	2	5.26%
JT>RK>TC	1	2.63%
JT>TC>GH	1	2.63%
LJ>GH>DM	1	2.63%
LJ>JT>DM	1	2.63%
RK>AF>GH	1	2.63%
RK>GH>LJ	1	2.63%
RK>JT>TC	2	5.26%
RK>TC>JT	1	2.63%

Oakland Mayor Precinct 213500 - RoV id 104
GARAGE
6373 FAIRLANE DR OAK

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots	
	859		
Undervotes	21	2.44%	
Total Ballots Cast	838	100.00%	
1st Round Overvote	0		
Total Overvotes	0		

UUU	21	
VVV	629	75.06%
VVU	113	13.48%
VUU	77	9.19%
RRR	10	1.19%
VRR	5	0.60%
RVR	2	0.24%
RRV	1	0.12%
RRU	1	0.12%

Total Ballots not filled out properly	*8*	*0.93%*

Exhausted Ballots =	90	10.74%
Involuntarily Exhausted Ballots=	52	6.21%

(3 choices none listing JQ, DP)

DEMOGRAPHICS (2000 CENSUS by Zip 94611)

White	76.1%
Black or African American	10.0%
Asian	11.7%
Hispanic or Latino	5.1%
High School Graduate or Higher	95.6%
Bachelors or Higher	66.8%
Speak Language Other Than English at Home	17.1%
In labor Force	70.3%
Median Family Income	$105,465
Individuals Below Poverty Line	6.8%
Median Value of Home	$498,300
Home ownership	56.5%

# Row	# Ballots	% Ballots
33	52	100.00%
AF>GH>DM	1	1.92%
GH>AF>JT	1	1.92%
GH>AF>LJ	1	1.92%
GH>AF>TC	1	1.92%
GH>JT>DM	1	1.92%
GH>RK>DM	1	1.92%
GH>RK>JT	1	1.92%
GH>TC>JT	1	1.92%
JT>AF>DM	1	1.92%
JT>AF>LJ	2	3.85%
JT>GH>AF	4	7.69%
JT>GH>DM	1	1.92%
JT>LJ>MH	1	1.92%
JT>RK>AF	2	3.85%
JT>RK>DM	2	3.85%
JT>RK>GH	5	9.62%
JT>RK>LJ	5	9.62%
JT>RK>MH	4	7.69%
JT>TC>AF	2	3.85%
JT>TC>GH	1	1.92%
JT>TC>RK	1	1.92%
LJ>TC>AF	1	1.92%
MH>RK>LJ	1	1.92%
RK>JT>AF	1	1.92%
RK>JT>DM	1	1.92%
RK>JT>GH	1	1.92%
RK>JT>LJ	1	1.92%
RK>JT>MH	1	1.92%
RK>JT>TC	1	1.92%
RK>MH>DM	2	3.85%
RK>MH>GH	1	1.92%
TC>DM>GH	1	1.92%
TC>RK>GH	1	1.92%

Oakland Mayor Precinct 244000 - RoV id 151
7080 COLTON BLVD OAK
OAKLAND FIRE STATION 6

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	647	
Undervotes	14	2.16%
Total Ballots Cast	633	100.00%
1st Round Overvote	1	0.16%
Total Overvotes	3	

UUU	14	2.16%

OUU	*1*	*0.16%*
VVV	461	72.83%
VUU	59	9.32%
RRU	1	0.16%
RRR	22	3.48%
VVU	76	12.01%
VVO	*2*	*0.32%*
VRR	*4*	*0.63%*
RVR	*3*	*0.47%*
RRV	*3*	*0.47%*
RUR	*1*	*0.16%*

Total Ballots not filled out properly	*14*	*2.21%*

Involuntarily Exhausted Ballots = (3 choices none listing JQ, DP)	43	6.79%

DEMOGRAPHICS (2000 CENSUS by Zip 94611)

White	76.1%
Black or African American	10.0%
Asian	11.7%
Hispanic or Latino	5.1%
High School Graduate or Higher	95.6%
Bachelors or Higher	66.8%
Speak Language Other Than English at Home	17.1%
In labor Force	70.3%
Median Family Income	$105,465
Individuals Below Poverty Line	6.8%
Median Value of Home	$498,300
Home ownership	56.5%

Involuntarily Exhausted Ballots		
# Row	# Ballots	% Ballots
31	43	100.00%
AF>GH>DM	1	2.33%
AF>GH>JT	1	2.33%
AF>RK>DM	1	2.33%
DM>GH>JT	1	2.33%
DM>GH>TC	1	2.33%
GH>AF>DM	1	2.33%
GH>JT>DM	1	2.33%
GH>JT>MH	1	2.33%
GH>JT>TC	1	2.33%
JT>AF>GH	2	4.65%
JT>AF>MH	1	2.33%
JT>AF>RK	1	2.33%
JT>DM>GH	1	2.33%
JT>DM>RK	1	2.33%
JT>GH>AF	2	4.65%
JT>GH>DM	1	2.33%
JT>GH>MH	2	4.65%
JT>GH>TC	1	2.33%
JT>LJ>GH	1	2.33%
JT>MH>AF	2	4.65%
JT>MH>RK	1	2.33%
JT>RK>GH	3	6.98%
JT>RK>MH	2	4.65%
JT>RK>TC	3	6.98%
JT>TC>LJ	1	2.33%
LJ>AF>JT	1	2.33%
LJ>JT>RK	1	2.33%
RK>JT>AF	2	4.65%
RK>JT>GH	3	6.98%
RK>JT>LJ	1	2.33%
TC>AF>JT	1	2.33%

Oakland Mayor Precinct 244800 - RoV id 159
3594 SANBORN DR OAK
JOAQUIN MILLER CTR ASSEMBLY RM1

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	630	
Undervotes	7	1.11%
Total Ballots Cast	623	100.00%
1st Round Overvote	1	0.16%
Total Overvotes	2	

UUU	7	1.11%

OVV	*1*	*0.16%*
VVV	483	76.67%
RVR	*2*	*0.32%*
VUU	48	7.62%
RRR	9	1.43%
RRV	*1*	*0.16%*
VVU	71	11.27%
VRR	*6*	*0.95%*
VOV	*1*	*0.16%*
RRU	1	0.16%

Total Ballots not filled out properly	*11*	*1.77%*

Involuntarily Exhausted Ballots = (3 choices none listing JQ, DP)	54	8.67%

DEMOGRAPHICS (2000 CENSUS by Zip 95602)

White	45.1%
Black or African American	21.1%
Asian	22.6%
Hispanic or Latino	12.0%
High School Graduate or Higher	84.5%
Bachelors or Higher	41.7%
Speak Language Other Than English at Home	33.6%
In labor Force	67.5%
Median Family Income	$62,443
Individuals Below Poverty Line	9.4%
Median Value of Home	$297,500
Home ownership	57.0%

Involuntarily Exhausted Ballots		
# Row	# Ballots	% Ballots
29	54	100.00%
AF>DM>TC	1	1.85%
AF>TC>LJ	1	1.85%
DM>RK>JT	1	1.85%
JT>AF>DM	1	1.85%
JT>AF>GH	1	1.85%
JT>AF>TC	1	1.85%
JT>DM>GH	2	3.70%
JT>DM>LJ	1	1.85%
JT>GH>AF	2	3.70%
JT>GH>DM	4	7.41%
JT>GH>LJ	1	1.85%
JT>GH>RK	2	3.70%
JT>GH>TC	3	5.56%
JT>LJ>TC	2	3.70%
JT>MH>DM	1	1.85%
JT>MH>GH	2	3.70%
JT>MH>RK	1	1.85%
JT>RK>AF	5	9.26%
JT>RK>GH	6	11.11%
JT>RK>MH	5	9.26%
JT>TC>DM	3	5.56%
JT>TC>GH	1	1.85%
JT>TC>LJ	1	1.85%
MH>JT>LJ	1	1.85%
RK>JT>GH	1	1.85%
RK>JT>LJ	1	1.85%
RK>JT>TC	1	1.85%
RK>JT>WI	1	1.85%
RK>MH>LJ	1	1.85%

Oakland Mayor Precinct 337110 - RoV id 289
270 13TH ST OAK
OAKLAND HOTEL TEAROOM

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

Demographic Location Straddles Zip Code, data not available

	# Ballots	% Ballots
	339	
Undervotes	15	4.42%
Total Ballots Cast	324	100.00%
1st Round Overvote	2	0.62%
Total Overvotes	7	

UUU	15	

OOO	1	0.31%
OUO	1	0.31%
UUV	13	4.01%
UVU	3	0.93%
VVV	120	37.04%
VUU	104	32.10%
VOV	1	0.31%
RUR	2	0.62%
RRU	4	1.23%
RRR	25	7.72%
RRV	1	0.31%
VVO	1	0.31%
VVU	44	13.58%
RVR	3	0.93%
VRR	1	0.31%

Total Ballots not filled out properly	*31*	*9.57%*

Involuntarily Exhausted Ballots=	11	3.40%
(3 choices none listing JQ, DP)		

# Row	# Ballots	% Ballots
10	11	100.00%
AF>GH>MH	1	9.09%
DM>MH>RK	1	9.09%
GH>DM>AF	2	18.18%
GH>TC>RK	1	9.09%
JT>RK>TC	1	9.09%
RK>JT>AF	1	9.09%
RK>LJ>MH	1	9.09%
TC>AF>LJ	1	9.09%
TC>GH>AF	1	9.09%
TC>RK>AF	1	9.09%

Oakland Mayor Precinct 354000 - RoV id 324
1500 E 15TH ST
ST ANTHONYS SCH CLUBROOM

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	511	
Undervotes	14	2.74%
Total Ballots Cast	497	100.00%
1st Round Overvote	0	0.00%
Total Overvotes	9	

UUU	14	
UVV	*1*	*0.20%*
VUU	59	11.87%
VVV	312	62.78%
RRR	55	11.07%
VVU	39	7.85%
VOO	*2*	*0.40%*
VOV	*1*	*0.20%*
ROR	*1*	*0.20%*
RUR	*1*	*0.20%*
VUV	*1*	*0.20%*
RRU	2	0.40%
RRV	*6*	*1.21%*
RVR	*9*	*1.81%*
VVO	*3*	*0.60%*
VRR	*5*	*1.01%*

Total Ballots not filled out properly	*30*	*6.04%*

Involuntarily Exhausted Ballots=	31	6.24%
(3 choices none listing JQ, DP)		

# Row	# Ballots	% Ballots
28	31	100.00%
DM>AF>JT	1	3.23%
DM>AF>TC	1	3.23%
DM>GH>JT	1	3.23%
DM>RK>JT	1	3.23%
GH>MH>JT	1	3.23%
JT>MH>TC	1	3.23%
JT>TC>RK	1	3.23%
LJ>AF>MH	1	3.23%
LJ>JT>MH	1	3.23%
LJ>RK>AF	1	3.23%
LJ>RK>TC	1	3.23%
MH>RK>LJ	2	6.45%
MH>RK>WI	1	3.23%
MH>TC>LJ	1	3.23%
MH>TC>RK	2	6.45%
RK>DM>GH	1	3.23%
RK>DM>JT	1	3.23%
RK>JT>AF	1	3.23%
RK>JT>GH	1	3.23%
RK>LJ>AF	1	3.23%
RK>LJ>WI	1	3.23%
RK>MH>GH	1	3.23%
RK>MH>JT	1	3.23%
RK>TC>AF	1	3.23%
RK>TC>LJ	1	3.23%
RK>TC>MH	1	3.23%
TC>MH>RK	2	6.45%
TC>WI>LJ	1	3.23%

DEMOGRAPHICS (2000 CENSUS by Zip 94606)

White	18.7%
Black or African American	24.1%
Asian	39.2%
Hispanic or Latino	21.0%
High School Graduate or Higher	61.6%
Bachelors or Higher	20.8%
Speak Language Other Than English at Home	60.3%
In labor Force	61.2%
Median Family Income	$32,616
Individuals Below Poverty Line	23.7%
Median Value of Home	$165,300
Home ownership	19.0%

Oakland Mayor Precinct 354100 - RoV id 325
2701 22ND AVE OAK
MANZANITA REC CENTER GYM

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	700	
Undervotes	9	1.29%
Total Ballots Cast	691	100.00%
1st Round Overvote	8	1.16%
Total Overvotes		

UUU	5	

OOO	*3*	*0.43%*
OOV	*1*	*0.14%*
OUO	*1*	*0.14%*
OUU	*1*	*0.14%*
OUV	*1*	*0.14%*
OVV	*1*	*0.14%*
UUV	*1*	*0.14%*
UVU	*1*	*0.14%*
VVV	461	66.71%
VVO	*4*	*0.58%*
VOO	*1*	*0.14%*
VOV	*2*	*0.29%*
VUU	73	10.56%
RUR	*2*	*0.29%*
RRR	68	9.84%
RRV	*9*	*1.30%*
VVU	47	6.80%
RVR	6	0.87%
VRR	7	1.01%
RRU	1	0.14%

Total Ballots not filled out properly	*34*	*4.92%*

Exhausted Ballots =	69	9.99%
Involuntarily Exhausted Ballots=	27	3.91%
(3 choices none listing JQ, DP)		

# Row	# Ballots	% Ballots
23	27	100.00%
DM>AF>GH	1	3.70%
DM>GH>JT	1	3.70%
JT>DM>TC	1	3.70%
JT>GH>DM	1	3.70%
JT>MH>RK	2	7.41%
JT>RK>AF	1	3.70%
JT>RK>LJ	1	3.70%
JT>RK>MH	1	3.70%
JT>RK>TC	1	3.70%
LJ>MH>RK	1	3.70%
LJ>MH>TC	1	3.70%
LJ>TC>RK	2	7.41%
MH>JT>LJ	1	3.70%
MH>LJ>TC	1	3.70%
RK>DM>LJ	1	3.70%
RK>JT>MH	3	11.11%
RK>JT>TC	1	3.70%
RK>LJ>DM	1	3.70%
RK>TC>MH	1	3.70%
TC>GH>MH	1	3.70%
TC>MH>GH	1	3.70%
TC>MH>LJ	1	3.70%
TC>MH>RK	1	3.70%

DEMOGRAPHICS (2000 CENSUS by Zip 94601)

White	25.7%
Black or African American	23.7%
Asian	16.2%
Hispanic or Latino	49.6%
High School Graduate or Higher	53.3%
Bachelors or Higher	11.2%
Speak Language Other Than English at Home	62.5%
In labor Force	53.3%
Median Family Income	$34,086
Individuals Below Poverty Line	24.5%
Median Value of Home	$152,500
Home ownership	34.0%

Oakland Mayor Precinct 356210 - RoV id 336
2035 40TH AVE OAK
JEFFERSON SCHOOL LOBBY SIDE A

	# Ballots	% Ballots
	539	
Undervotes	5	0.93%
Total Ballots Cast	534	100.00%
1st Round Overvote	5	0.94%
Total Overvotes	15	

UUU	5	

OOO	*1*	*0.19%*
OOV	*2*	*0.37%*
OVV	*2*	*0.37%*
URR	*1*	*0.19%*
UVV	*1*	*0.19%*
RRR	53	9.93%
VVV	369	69.10%
VUU	36	6.74%
VRR	*6*	*1.12%*
VOO	*2*	*0.37%*
VOV	*1*	*0.19%*
RUR	*1*	*0.19%*
RRV	*9*	*1.69%*
VVU	42	7.87%
RVR	*5*	*0.94%*
VUV	*1*	*0.19%*
RRU	1	0.19%
VVO	*1*	*0.19%*

Total Ballots not filled out properly	*33*	*6.18%*

Exhausted Ballots =	44	8.24%
Involuntarily Exhausted Ballots=	17	3.18%

(3 choices none listing JQ, DP)

# Row	# Ballots	% Ballots
14	17	100.00%
JT>DM>RK	2	11.76%
JT>LJ>RK	1	5.88%
JT>MH>RK	1	5.88%
JT>RK>DM	2	11.76%
JT>RK>LJ	1	5.88%
JT>RK>TC	1	5.88%
JT>TC>GH	1	5.88%
JT>TC>RK	1	5.88%
MH>LJ>AF	1	5.88%
MH>TC>AF	2	11.76%
RK>GH>TC	1	5.88%
RK>JT>LJ	1	5.88%
RK>MH>JT	1	5.88%
TC>LJ>JT	1	5.88%

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

DEMOGRAPHICS (2000 CENSUS by Zip 94601)

White	25.7%
Black or African American	23.7%
Asian	16.2%
Hispanic or Latino	49.6%

High School Graduate or Higher	53.3%
Bachelors or Higher	11.2%

Speak Language Other Than English at Home	62.5%

In labor Force	53.3%

Median Family Income	$34,086

Individuals Below Poverty Line	24.5%

Median Value of Home	$152,500
Home ownership	34.0%

Oakland Mayor Precinct 356500 - RoV id 337
1470 FRUITVALE AVE
SPANISH CITIZENS FOUNDATION

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	463	
Undervotes	8	1.73%
Total Ballots Cast	455	100.00%
1st Round Overvote	4	0.88%
Total Overvotes	12	

UUU	8	1.73%

OOO	1	0.22%
OOV	1	0.22%
OVV	1	0.22%
OVO	1	0.22%
UUV	1	0.22%
UVU	1	0.22%
RVR	5	1.10%
VVV	310	68.13%
VUU	52	11.43%
RUR	1	0.22%
VUV	5	1.10%
RRU	3	0.66%
RRR	39	8.57%
RRV	9	1.98%
VVU	23	5.05%
VRR	6	1.32%
VVO	2	0.44%
VOV	2	0.44%

Total Ballots not filled out properly	*34*	*7.47%*

Involuntarily Exhausted Ballots =	24	5.27%
(3 choices none listing JQ, DP)		

Involuntarily Exhausted Ballots		
# Row	# Ballots	% Ballots
21	24	100.00%
AF>JT>DM	1	4.17%
AF>LJ>TC	1	4.17%
AF>MH>TC	1	4.17%
DM>JT>GH	1	4.17%
DM>LJ>TC	1	4.17%
GH>LJ>TC	1	4.17%
JT>AF>TC	1	4.17%
JT>MH>RK	2	8.33%
JT>RK>AF	1	4.17%
JT>RK>DM	1	4.17%
JT>RK>LJ	1	4.17%
JT>TC>AF	1	4.17%
JT>TC>RK	1	4.17%
MH>LJ>RK	1	4.17%
MH>TC>RK	1	4.17%
RK>AF>JT	1	4.17%
RK>JT>MH	3	12.50%
RK>LJ>JT	1	4.17%
TC>JT>AF	1	4.17%
TC>JT>LJ	1	4.17%
TC>RK>JT	1	4.17%

DEMOGRAPHICS (2000 CENSUS by Zip 94601)

White	25.7%
Black or African American	23.7%
Asian	16.2%
Hispanic or Latino	49.6%
High School Graduate or Higher	53.3%
Bachelors or Higher	11.2%
Speak Language Other Than English at Home	62.5%
In labor Force	53.3%
Median Family Income	$34,086
Individuals Below Poverty Line	24.5%
Median Value of Home	$152,500
Home ownership	34.0%

Oakland Mayor Precinct 361110 - RoV id 339
6401 FENHAM ST OAK
PALOVISTA COMMUNITY CENTER

	# Ballots	% Ballots
	266	
Undervotes	4	1.50%
Total Ballots Cast	262	100.00%
1st Round Overvote	3	
Total Overvotes	14	5.34%

UUU	4	

OOO	*2*	*0.75%*
ORR	*1*	*0.38%*
UVU	*2*	*0.75%*
VOV	*2*	*0.75%*
RRR	27	10.15%
VVU	16	6.02%
VUU	31	11.65%
RRU	2	0.75%
RRV	*3*	*1.13%*
VVO	*3*	*1.13%*
VVV	163	61.28%
VRR	*4*	*1.50%*
RVR	*4*	*1.50%*
ROR	*2*	*0.75%*
Total Ballots not filled out properly	*23*	*8.78%*

Involuntarily Exhausted Ballots =	11	4.20%
(3 choices none listing JQ, DP)		

Involuntarily Exhausted Ballots

# Row	# Ballots	% Ballots
11	11	100.00%
GH>AF>DM	1	9.09%
LJ>RK>GH	1	9.09%
MH>JT>RK	1	9.09%
MH>LJ>TC	1	9.09%
MH>RK>JT	1	9.09%
MH>RK>LJ	1	9.09%
MH>TC>RK	1	9.09%
RK>JT>MH	1	9.09%
RK>MH>AF	1	9.09%
RK>TC>LJ	1	9.09%
TC>JT>LJ	1	9.09%

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

DEMOGRAPHICS (2000 CENSUS by Zip 94621)

White	16.0%
Black or African American	48.6%
Asian	4.6%
Hispanic or Latino	41.4%
High School Graduate or Higher	51.1%
Bachelors or Higher	4.9%
Speak Language Other Than English at Home	44.8%
In labor Force	51.6%
Median Family Income	$30,113
Individuals Below Poverty Line	28.2%
Median Value of Home	$129,700
Home ownership	43.8%

Oakland Mayor Precinct 363100 - RoV id 351
8000 BIRCH ST
2201 73RD AVE OAK SIDE B

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	516	
Undervotes	8	1.55%
Total Ballots Cast	508	100.00%
1st Round Overvote	1	0.20%
Total Overvotes	7	

UUU	8	1.55%

OUO	*1*	*0.20%*
UVU	*1*	*0.20%*
RRU	3	0.59%
RRR	61	12.01%
VVV	332	65.35%
VOO	*1*	*0.20%*
VOV	*2*	*0.39%*
VUU	56	11.02%
RUR	*2*	*0.39%*
VUV	*1*	*0.20%*
RRV	*10*	*1.97%*
VVU	24	4.72%
RVR	*9*	*1.77%*
VRR	*4*	*0.79%*
VVO	*1*	*0.20%*

Total Ballots not filled out properly	*32*	*6.30%*

Involuntarily Exhausted Ballots =	26	5.12%
(3 choices none listing JQ, DP)		

Involuntarily Exhausted Ballots		
# Row	# Ballots	% Ballots
20	26	100.00%
GH>JT>LJ	1	3.85%
GH>JT>MH	1	3.85%
JT>DM>LJ	1	3.85%
JT>MH>LJ	1	3.85%
JT>MH>TC	1	3.85%
JT>RK>MH	1	3.85%
JT>RK>TC	1	3.85%
JT>TC>LJ	3	11.54%
LJ>GH>AF	1	3.85%
MH>DM>TC	1	3.85%
MH>LJ>RK	2	7.69%
MH>RK>DM	1	3.85%
RK>JT>LJ	1	3.85%
RK>LJ>AF	1	3.85%
RK>LJ>MH	2	7.69%
RK>MH>AF	2	7.69%
RK>MH>TC	2	7.69%
RK>TC>MH	1	3.85%
TC>JT>MH	1	3.85%
TC>RK>JT	1	3.85%

DEMOGRAPHICS (2000 CENSUS by Zip 94621)

White	16.0%
Black or African American	48.6%
Asian	4.6%
Hispanic or Latino	41.4%

High School Graduate or Higher	51.1%
Bachelors or Higher	4.9%

Speak Language Other Than English at Home	44.8%

In labor Force	51.6%

Median Family Income	$30,113

Individuals Below Poverty Line	28.2%

Median Value of Home	$129,700
Home ownership	43.8%

Oakland Mayor Precinct 373400 - RoV id 367
TASSAFARONGA REC CENTER
975 85TH AVE OAK

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	504	
Undervotes	11	2.18%
Total Ballots Cast	493	
1st Round Overvote	6	1.22%
Total Overvotes	22	

UUU	11	

OOO	*3*	*0.61%*
OOV	*1*	*0.20%*
OVV	*2*	*0.41%*
UVV	*2*	*0.41%*
VVV	335	67.95%
RRR	59	11.71%
VOO	*1*	*0.20%*
VOV	*6*	*1.22%*
VUU	43	8.72%
RRU	2	0.41%
RRV	*4*	*0.81%*
VVU	20	4.06%
VRR	*6*	*1.22%*
VVO	*2*	*0.41%*
RVR	*7*	*1.42%*
Total Ballots not filled out properly	*34*	*6.90%*

Involuntarily Exhausted Ballots =	22	4.46%
(3 choices none listing JQ, DP)		

DEMOGRAPHICS (2000 CENSUS by Zip 94621)

White	16.0%
Black or African American	48.6%
Asian	4.6%
Hispanic or Latino	41.4%
High School Graduate or Higher	51.1%
Bachelors or Higher	4.9%
Speak Language Other Than English at Home	44.8%
In labor Force	51.6%
Median Family Income	$30,113
Individuals Below Poverty Line	28.2%
Median Value of Home	$129,700
Home ownership	43.8%

Involuntarily Exhausted Ballots

# Row	# Ballots	% Ballots
21	22	100.00%
DM>LJ>JT	1	4.55%
GH>MH>LJ	1	4.55%
JT>MH>GH	1	4.55%
JT>MH>TC	1	4.55%
LJ>RK>GH	1	4.55%
LJ>RK>MH	1	4.55%
LJ>TC>AF	1	4.55%
LJ>TC>JT	1	4.55%
MH>AF>LJ	1	4.55%
MH>DM>AF	1	4.55%
MH>LJ>TC	1	4.55%
RK>LJ>TC	2	9.09%
RK>MH>JT	1	4.55%
RK>TC>AF	1	4.55%
TC>AF>LJ	1	4.55%
TC>AF>MH	1	4.55%
TC>GH>JT	1	4.55%
TC>LJ>MH	1	4.55%
TC>LJ>RK	1	4.55%
TC>MH>AF	1	4.55%
TC>MH>LJ	1	4.55%

Oakland Mayor Precinct 415200 - RoV id 392
1401 98TH AVE OAK
OAKLAND FIRE STATION 20

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	272	
Undervotes	2	0.74%
Total Ballots Cast	270	
1st Round Overvote	4	1.48%
Total Overvotes	13	

UUU	2	

OOO	*1*	*0.37%*
OVO	*1*	*0.37%*
OVV	*2*	*0.74%*
VVV	169	62.59%
VOV	*4*	*1.48%*
VUU	28	10.37%
VUV	*1*	*0.37%*
RVR	*3*	*1.11%*
RRU	3	1.11%
RRR	32	11.85%
RRV	*7*	*2.59%*
VVU	11	4.07%
VRR	*5*	*1.85%*
VVO	*2*	*0.74%*
RUR	*1*	*0.37%*

Total Ballots not filled out properly	*27*	*10.00%*

Involuntarily Exhausted Ballots =	13	4.81%
(3 choices none listing JQ, DP)		

Involuntarily Exhausted Ballots		
# Row	# Ballots	% Ballots
12	13	100.00%
DM>WI>RK	1	7.69%
JT>TC>AF	1	7.69%
LJ>DM>JT	1	7.69%
LJ>RK>AF	1	7.69%
MH>LJ>DM	1	7.69%
MH>RK>AF	1	7.69%
MH>TC>RK	1	7.69%
RK>LJ>MH	2	15.38%
TC>AF>MH	1	7.69%
TC>LJ>RK	1	7.69%
TC>MH>LJ	1	7.69%
TC>RK>AF	1	7.69%

DEMOGRAPHICS (2000 CENSUS by Zip 94603)

White	17.0%
Black or African American	53.6%
Asian	2.9%
Hispanic or Latino	38.1%
High School Graduate or Higher	57.6%
Bachelors or Higher	7.4%
Speak Language Other Than English at Home	40.4%
In labor Force	51.8%
Median Family Income	$36,611
Individuals Below Poverty Line	23.6%
Median Value of Home	$132,200
Home ownership	52.9%

Oakland Mayor Precinct 415600 - RoV id 395
215 ISLETON AVE OAK
GARAGE

Legend
U = Undervote
O = two or more votes in column (Overvote)
R = Repeat vote - voted for same candidate
V = Vote for one candidate in column different than others.

	# Ballots	% Ballots
	348	
Undervotes	6	1.72%
Total Ballots Cast	342	
1st Round Overvote	3	0.88%
Total Overvotes	9	

UUU	6

OOO	*1*	*0.29%*
OUV	*1*	*0.29%*
OVU	*1*	*0.29%*
UUV	*1*	*0.29%*
UVU	*1*	*0.29%*
VVV	213	62.28%
VUU	37	10.82%
VRR	*4*	*1.17%*
VVU	14	4.09%
ROR	*1*	*0.29%*
VOV	*3*	*0.88%*
RRU	1	0.29%
RRR	51	14.91%
RRV	*7*	*2.05%*
RVR	*5*	*1.46%*
RUR	*1*	*0.29%*

Total Ballots not filled out properly	*26*	*7.60%*

Involuntarily Exhausted Ballots =	21	6.14%
(3 choices none listing JQ, DP)		

Involuntarily Exhausted Ballots		
# Row	# Ballots	% Ballots
18	21	100.00%
AF>RK>TC	1	4.76%
AF>TC>JT	1	4.76%
GH>AF>LJ	1	4.76%
JT>MH>DM	1	4.76%
JT>MH>TC	2	9.52%
LJ>DM>RK	1	4.76%
LJ>MH>RK	1	4.76%
MH>GH>RK	1	4.76%
MH>JT>RK	1	4.76%
MH>TC>RK	1	4.76%
RK>DM>AF	1	4.76%
RK>JT>TC	1	4.76%
RK>LJ>MH	1	4.76%
RK>TC>JT	2	9.52%
TC>JT>AF	1	4.76%
TC>LJ>MH	1	4.76%
TC>MH>AF	1	4.76%
TC>RK>MH	2	9.52%

DEMOGRAPHICS (2000 CENSUS by Zip 94603)

White	17.0%
Black or African American	53.6%
Asian	2.9%
Hispanic or Latino	38.1%
High School Graduate or Higher	57.6%
Bachelors or Higher	7.4%
Speak Language Other Than English at Home	40.4%
In labor Force	51.8%
Median Family Income	$36,611
Individuals Below Poverty Line	23.6%
Median Value of Home	$132,200
Home ownership	52.9%

Oakland Mayor Precinct 415200 - RoV id 392
1401 98TH AVE
OAKLAND FIRE STATION 20

POLLING PLACE VOTES - ERROR CHECKED WITH SEQUOIA INSIGHT

	# Ballots	% Ballots
	91	100.00%
Undervotes	0	
Total Ballots Cast	91	100.00%
1st Round Overvote	0	0.00%
Total Overvotes	0	

VUU	20	21.98%
VVV	44	48.35%
RRU	1	1.10%
RRR	15	16.48%
VVU	6	6.59%
RVR	1	1.10%
VRR	1	1.10%
RRV	3	3.30%

TOTAL OVERVOTES	*0*

VOTE BY MAIL BALLOTS - NO ERROR CHECK

	# Ballots	% Ballots
	179	101.13%
Undervotes	2	
Total Ballots Cast	177	100.00%
1st Round Overvote	0	0.00%
Total Overvotes	0	

UUU	2

OOO	*1*	*0.56%*
OVO	*1*	*0.56%*
OVV	*2*	*1.13%*
VVV	125	70.62%
VOV	*4*	*2.26%*
VUU	8	4.52%
VUV	1	0.56%
RVR	2	1.13%
RRU	2	1.13%
RRR	17	9.60%
RRV	4	2.26%
VVU	5	2.82%
VRR	4	2.26%
VVO	*2*	*1.13%*
RUR	1	0.56%

TOTAL OVERVOTES	*12*

% OF VBM WITH OVERVOTES	*5.65%*

Oakland Mayor Precinct 356500 - RoV id 337
1470 FRUITVALE AVE
SPANISH CITIZENS FOUNDATION

POLLING PLACE VOTES - ERROR CHECKED WITH SEQUOIA INSIGHT

	# Ballots	% Ballots
	151	
Undervotes	0	
Total Ballots Cast	151	100.00%
1st Round Overvote	0	0.00%
Total Overvotes	0	

RVR	4	2.65%
VVV	97	64.24%
VUU	17	11.26%
RUR	1	0.66%
VUV	3	1.99%
RRU	1	0.66%
RRR	18	11.92%
RRV	3	1.99%
VVU	7	4.64%

TOTAL OVERVOTES	*0*

VOTE BY MAIL BALLOTS - NO ERROR CHECK

	# Ballots	% Ballots
	320	
Undervotes	8	
Total Ballots Cast	312	100.00%
1st Round Overvote	4	1.28%
Total Overvotes	12	

UUU	8	2.50%

OOO	1	0.32%
OOV	1	0.32%
OVV	1	0.32%
OVO	1	0.32%
UUV	1	0.32%
UVU	1	0.32%
VVV	213	68.27%
VUU	35	11.22%
VUV	2	0.64%
RRU	2	0.64%
RRR	21	6.73%
RRV	6	1.92%
VVU	16	5.13%
VRR	6	1.92%
VVO	2	0.64%
VOV	2	0.64%
RVR	1	0.32%

TOTAL OVERVOTES	*12*

Hawaii
COMMON CAUSE
Holding Power Accountable

P.O. Box 22703 • Honolulu, Hawaii 96823 • (808) 275-6275
Web: www.commoncausehawaii.org • Email: info@commoncausehawaii.org

LATE TESTIMONY

Senate JDL Committee
Chair Clayton Hee, Vice Chair Maile Shimabukuro

Monday 4/4/11 at 9:00 AM in Room 016
HB 638 HD 1 – Instant Runoff Voting

TESTIMONY
Nikki Love, Executive Director, Common Cause Hawaii

Chair Hee, Vice Chair Shimabukuro, and Committee Members:

Common Cause Hawaii supports HB 638 HD 1, which establishes instant runoff voting. We also suggest two amendments described on the next page.

Under the current system, the majority does not always rule in our elections. Our existing plurality system of voting (in which the candidate with the highest number of votes wins) breaks down when there are more than two candidates on the ballot. In several recent elections with many candidates on the ballot, we saw winners emerge with far less than 50% of the vote.

There is a better way: instant runoff voting. With instant runoff voting, voters rank their preferences of candidates on the ballot (first choice, second choice, etc.). If one candidate receives more than 50% of the first-choice votes, then that candidate wins. But if nobody receives a majority of the first-choice votes, the instant runoff tabulations begin. The last place candidate is eliminated and ballots are revisited. If a voter's first choice has been eliminated, those voters' second-choice rankings are added to the totals. Eliminations and re-counting continues until a winner emerges with a majority of the vote.

This system is used successfully in San Francisco, Oakland, Berkeley, Memphis, Minneapolis, Santa Fe, North Carolina, and other locations (see next page). Instant runoff voting lets voters accurately express their preferences, allows many candidates to run without fear of distorting the outcome, helps prevent the "spoiler" effect, and may even help bridge the partisan divide and reduce negative campaigning, because a candidate hoping to be a voter's second choice would hold back from mudslinging against a voter's first choice. Most importantly, it ensures that the winner was elected by a clear majority of the voters.

Please see attached for more information: (1) Suggested amendments; (2) Jurisdictions using IRV; (3) FAQs for voters from Alameda County, CA; (4) a recent Honolulu Star-Advertiser editorial supporting IRV.

We urge the committee to pass HB 638 HD 1, and recommend consideration of the amendments attached. Mahalo for hearing this bill and for the opportunity to submit testimony.

Suggested Amendments

Amendment #1 - Runoff Tabulations

Currently the bill is written so that if nobody receives a majority of votes on the first round, the vote counting proceeds as follows: Candidates with less than 1% are eliminated and those votes are reallocated; and then the runoffs begin, eliminating each remaining lowest-ranking candidate and then tabulating the runoff votes, up to four rounds. With a very crowded field of candidates, this may not be enough runoff rounds to result in someone winning with a majority of the vote.

Instead, there is another possible method for accelerating the tabulations and simplifying the process: If nobody receives a majority of votes on the first round, **only the top four candidates would move on to the next round**, and the remaining candidates would be eliminated. Then, runoff tabulations begin with just the four leading candidates.

Amendment #2 – Elections with IRV

Currently the bill states that "the instant runoff voting method shall be used in all contests for county office: (1) In which no primary election was held; and (2) In majority election contests for a special election that would normally require a runoff election if no candidate receives a majority of the votes cast in the special election. If the instant runoff voting method is used in a special election, the special election shall only consist of one election contest and no subsequent separate runoff election shall be held."

This language appears to refer to all county-level nonpartisan single-member races, and also county-level special elections to fill vacancies. We suggest improving the wording to make this more clear.

The bill establishes IRV for county-level elections only, but we also suggest expanding the bill to establish IRV for other special elections to fill vacancies as well.

State and local governments currently using IRV

- San Francisco, CA (adopted 2002, first used 2004; Mayor, Sheriff, District Attorney, City Attorney, Treasurer, Assessor-Recorder, Public Defender, and Members of the Board of Supervisors)
- Oakland, CA (adopted 2006, first used 2010; for mayor, city council and other city offices)
- Berkeley, CA (adopted 2004, first used 2010; for mayor, city council and other city offices)
- Arkansas (adopted 2005, first used 2006; only overseas voters in runoffs)
- Hendersonville, North Carolina (adopted 2007 and 2009 as pilot and anticipated again in 2011; multi-seat variations for city council)
- Louisiana (adopted and first used 1990s; only for overseas and military voters in federal and state runoffs)
- Minneapolis, MN (adopted 2006; first used in 2009 for mayor and city council)
- North Carolina (for judicial vacancy elections; adopted 2006, used in statewide election and three county-level elections in 2010)
- San Leandro, CA (adopted 2000, first used 2010; for mayor and city council)
- South Carolina (adopted and first used 2006; only for overseas voters in federal and state runoffs)
- Takoma Park, MD (adopted 2006, first used 2007; for mayor and city council)

Upcoming implementations (as of November 2010)

- Telluride, CO (adopted 2008; scheduled for November 2011 for mayoral elections)
- Springfield, IL (adopted 2007; scheduled for November 2011 for overseas voters)
- St. Paul, MN (adopted 2009, scheduled for November 2011)
- Memphis, TN (adopted 2008; scheduled for 2011 for electing city council and other offices)
- Portland, ME (adopted 2010; scheduled for 2011 for electing mayor)

International Governments

- Australia, to elect its House of Representatives since 1949 and to elect most state and territory lower houses.
- London, to elect its mayor since 2000. Also, several other UK cities use IRV to elect their mayors.
- Hong Kong's Legislative Council has 4 functional constituencies that use a preferential elimination system
- Bosnia, for certain sub-national elections, since 2000.
- Bougainville, first used IRV for presidential elections in December 2008.
- Fiji, since 1997.
- Papua New Guinea, since 2001.
- The Republic of Ireland, to elect its president since 1922.
- Malta, to elect its president since 1921.
- Sri Lanka, to elect its president since 1978.
- India, indirectly for president and to fill vacancies.
- Conservative Party in Canada for leadership elections.
- Progressive Conservative Party of Alberta, Canada for leadership elections.
- Liberal Party of New Zealand (Optional Preferential Voting)
- Labour Party in the UK for leadership elections.

Source: http://www.fairvote.org/where-instant-runoff-is-used

Frequently Asked Questions for Voters - Alameda County, California

What is Ranked-Choice Voting?
Ranked-Choice Voting or "Instant Run-Off Voting," allows voters to rank up to three candidates, in order of preference, when marking their ballots. Ranked-choice voting eliminates the need for run-off elections, and is approved for use in Berkeley, Oakland and San Leandro.

Who is elected using a Ranked-Choice Voting ballot?
Berkeley voters use Ranked-Choice Voting to elect the Mayor, Members of the City Council, and the City Auditor. Oakland elects its Mayor, City Council members, City Attorney, City Auditor, and School Directors using Ranked-Choice Voting. San Leandro uses Ranked-Choice Voting to elect its Mayor and City Council members.

How are Ranked-Choice votes counted?
With Ranked-Choice Voting, if a candidate receives a majority (50%+1) of the first-choice votes cast for that office, that candidate will be elected. However, if no candidate receives a majority of the first-choice votes cast, an elimination process begins. The candidate who received the fewest first-choice votes is eliminated. Next, each vote cast for that candidate will be transferred to the voter's next-ranked choice among the remaining candidates. This elimination process will continue until one candidate receives a majority and is deemed the winner.

How Do I Mark The Ranked-Choice Voting Ballot?
The Ranked-Choice ballot card is designed in a side-by-side column format and lists the names of all of the candidates in three repeating columns. This format allows a voter to select a first-choice candidate in the first column, a second-choice candidate in the second column, and a third-choice candidate in the third column. Voters will connect the head and tail of the arrow next to the name of the candidate they choose.

Must I rank three candidates for each office?
No. A voter may—but is not required to—rank three choices for each office. If there are fewer than three candidates for the same office, or to rank fewer than three candidates, you may leave any remaining columns blank.

If I really want my first-choice candidate to win, should I rank the candidate as my first, second and third choice?
No. Ranking a candidate more than once does not benefit the candidate. If a voter ranks one candidate as the voter's first, second and third choice, it is the same as if the voter leaves the second or third choice blank. In other words, if the candidate is eliminated that candidate is no longer eligible to receive second or third choice votes.

Can I give candidates the same ranking?
No. If a voter gives more than one candidate the same ranking, the vote cannot be counted. Only one candidate can represent the voter's first, second, or third choice.

Will there be a subsequent run-off?
No, Ranked-Choice Voting eliminates the need for run-off elections.

What if I have further questions?
If you have further questions about ranked-choice voting, please call the Alameda County Registrar of Voters Office at (510) 272-6933.

Star Advertiser

Editorial: Let's Try Instant Runoff Voting

Honolulu Star-Advertiser - March 24, 2011

State legislators are nearing enactment of a bill that would test the so-called "instant runoff" election system — a method of assuring that the winner of a nonpartisan county election can achieve a majority of support, to better reflect the will of the voters and avoid a runoff election.

If successful, as it has been elsewhere, the system of avoiding a separate runoff election between the top two finishers could be applied to other elections. The system has proven to be fair and cost-saving and deserves enactment.

Lawmakers should make clear that the September elections for nonpartisan county council, mayor or prosecutor races would be eliminated as a preliminary stage leading to a November runoff, if the leading candidate has received only a plurality. All county races should be decided in November using the instant runoff system. The bill needs to be clarified on that point.

The bill unquestionably would apply to special elections held to fill vacancies in mid-term, such as last December's election following the resignation by Todd Apo from the City Council. Of 14 candidates on the ballot, Tom Berg was elected to succeed Apo with only 18.5 percent of the vote — 2,308 of the 12,534 cast. The system that allowed that to happen is badly flawed.

Under the instant runoff system, voters would designate their top choice for the election and be allowed to add, in order, three other preferences. After all votes are counted and the person at the top has less than 50 percent, candidates receiving less than 1 percent would be eliminated and their voters' second preferences would be added to the ranking. If no candidate gets at least half the vote after three more rounds of eliminations and preferences from the bottom up, the leader would be deemed the winner.

This would not be an experiment. It has been used in various cities and states across the country, including California, Minnesota, Tennessee, Maine, Colorado and Illinois. Supporters of the bill also point out that it has been applied in presidential Irish elections, parliamentary elections in Australia and Fiji and mayoral elections in London.

State Rep. Della Au Belatti, the bill's sponsor, says special runoffs could be expanded to other races. If it had been applied to last year's special election for the U.S. House seat vacated by Neil Abercrombie so he could concentrate on his run for governor, Republican Charles Djou would not have been able to win with 39.4 percent plurality. Democratic voters were split between Colleen Hanabusa, then state Senate president, and former U.S. Rep. Ed Case. When it was one-on-one between Djou and Hanabusa last November, Hanabusa won handily.

For now, confining the instant runoff system to elections at the county level would be a useful pilot project. If it is successful, as is likely, we would join Belatti in support of extending it to other levels, including federal special elections.

http://www.staradvertiser.com/editorials/sbeditorials/20110324_Lets_try_instant_runoff_voting_.html