



MARK MUGIISHI, M.D.
CHAIR

STATE OF HAWAII REAPPORTIONMENT COMMISSION

NOTICE OF REAPPORTIONMENT COMMISSION MEETING

Date: October 28, 2021
Time: 12:00 P.M.
Place: via Video Conference or Telephone*

*Pursuant to the Governor's Emergency Proclamation Related to the COVID-19 Response, dated October 1, 2021, the Reapportionment Commission will be meeting remotely using interactive conference technology. The public may view the video and audio of the meeting through the following video conferencing link:

Video: <https://zoom.us/j/9733477709>

Telephone: +1 253 215 8782
+1 346 248 7799
+1 669 900 6833
+1 301 715 8592
+1 312 626 6799
+1 929 205 6099

Meeting ID: 973 3477 7709

A G E N D A

- I. Call to Order
- II. Roll Call and Determination of a Quorum
- III. Public Testimony

Individuals may submit testimony in advance of the meeting via email to reapportionment@hawaii.gov or by mail addressed to the 2021 Reapportionment Commission, c/o Scott Nago, Secretary, 802 Lehua Avenue, Pearl City, Hawaii 96782. Individuals interested in signing up to provide oral testimony at the meeting may submit their name, email, and phone number to reapportionment@hawaii.gov. Individuals may provide oral testimony at the meeting via the above-listed video conferencing link or by calling in to the above-listed telephone number.

Testimony presented during the meeting will be limited to three minutes each.

- IV. Reports by the Apportionment Advisory Councils
- V. Approval of Minutes for the Meeting of October 14, 2021
- VI. Discussion Regarding the Conduct of Public Hearings and Future Meeting Dates
- VII. Discussion and Action to Adopt the Proposed Legislative Redistricting Plan
- VIII. Adjournment

If audiovisual communication cannot be maintained with all Commissioners participating in the meeting, the meeting shall be automatically recessed for up to thirty (30) minutes to allow staff to attempt to restore communication.

If audiovisual communication with all participating Commissioners can be restored, the meeting will be reconvened. If, however, audiovisual communication cannot be restored, then the meeting may be reconvened with the audio-only communication using the above-listed telephone number. Any nonconfidential visual aids brought to the meeting by Commissioners or as part of a scheduled presentation will be made publicly available on the Office of Elections website within fifteen (15) minutes after audio-only communication is established.

If it is not possible to reconvene the meeting within thirty (30) minutes after an interruption of communication and the Commission has not provided reasonable notice to the public as to how the meeting will be continued at an alternative date and time, then the meeting shall be automatically terminated.

No Commission action shall be invalid if the Commission's good faith efforts to implement remote technology for public observations and comments do not work.

IF YOU REQUIRE SPECIAL ASSISTANCE OR AUXILIARY AIDS AND/OR SERVICES TO PARTICIPATE IN THE PUBLIC HEARING PROCESS OF THE REAPPORTIONMENT COMMISSION, PLEASE CONTACT THE OFFICE OF ELECTIONS AT LEAST 48 HOURS PRIOR TO THE HEARING SO ARRANGEMENTS CAN BE MADE. FOR FURTHER INFORMATION, PLEASE CALL THE OFFICE OF ELECTIONS AT 453-8683 OR 1-800-442-8683 FROM THE NEIGHBOR ISLANDS.

III. PUBLIC TESTIMONY

From: dana86@hawaiiintel.net
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] reapportionment
Date: Friday, October 22, 2021 1:00:07 PM

Hawaii Kai should not be part of District 51 as Hawaii Kai is a completely different social, socio and economic demographic. further it does not comply with the rules upon forming a district.

--

Mahalos, John
808-722-9555

From: [Stann Reiziss](#)
To: [OE.Elections.Reapportionment](#)
Cc: [Rep. Lisa Marten](#)
Subject: [EXTERNAL] Opposition To District 51 Replacement Proposal (meeting October 28th @ 12 PM)
Date: Friday, October 22, 2021 2:41:18 PM

Opposed to the proposed District 51 Changes

In light of the fact that district 51 is currently exactly the right size, the proposal to remove Pōhakupu, Kūkanono, and Enchanted Lake and replace it with part of Hawaii Kai, is a classic example of the government taking a perfectly working representative district organization and creating a new situation with the high likelihood of unintended negative consequences.

Stann W. Reiziss, PhD
P.O. Box 1517
Kailua-Oahu, Hawaii 96734
808-230-8199 (H)
reiziss@hawaiiantel.net

From: [CHARLEY BATES](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Comment on Reapportionment Proposal
Date: Friday, October 22, 2021 3:16:47 PM

Dear Sir:

I don't understand how replacing Kailua communities with a partial Hawaii Kai community provides continuity, continuous and similar neighborhoods?

Sincerely,
Charles K. Bates
20 Kamani Kai Place
Kailua, HI 96734

Sent from my iPhone

From: [joel grzebik](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] House district 51
Date: Friday, October 22, 2021 3:24:37 PM

I appose the re drawn district 51! It should remain as is.
Hawaii Kai is completely different in both geographical region and community feel.
Thank you,
Joel Grzebik
Kailua
[Sent from Yahoo Mail for iPad](#)

From: [Jacqueline Palmer-Lasky](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] oppose changes to House District 51
Date: Friday, October 22, 2021 4:52:27 PM

Aloha mai kakou,

I oppose the proposed changes to House District 51 because adding a 3rd neighborhood, Hawai'i Kai, to the long-existing 2 neighborhoods of Kailua and Waimanalo simply doesn't make sense when the constituencies and community issues are so different, and when Hawai'i Kai is geographically removed from the windward side. I sincerely do not believe one State Representative can adequately or appropriately represent the diverse constituencies of the new proposed map. I have lived in District 51 most of my life and I hope you will take my concerns and perspectives into consideration.

Mahalo nui loa,
Jackie Lasky

1269 Kina St.
Kailua, HI 96734
tel: 808.255.4084
email: jbpl@hawaii.edu

...sent on the go

From: [Ingrid Spindt](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Opposition to Reapportionment of Enchanted Lakes area
Date: Friday, October 22, 2021 6:02:40 PM

My husband and I are writing to request that Enchanted Lakes area remain in the same voting district as Kailua.

We living in Enchanted Lakes, a part of Kailua, we shop, walk, go to the beach, meet with friends in the Kailua area. We've worked on the Windward side. Our interests are not the same as the people in Hawaii Kai. And we seldom even go to Hawaii Kai.

To say the Enchanted Lakes area is contiguous with Hawaii Kai when there's a mountain ridge between Hawaii Kai and Enchanted Lakes, is beyond imagination.

Contiguous? Only on a 2 dimensional map! Kid's in our area go to Enchanted Lakes Elementary or Kaelepulu Elementary, not schools in Hawaii Kai. We live a 1/2 hour from Hawaii Kai. Kailua is a Windward country area whereas Hawaii Kai is not.

We oppose this suggested reapportionment.

Respectfully, Bud and Ingrid Spindt

Sent from my iPhone

From: [Sheila Tamura](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Dividing Manoa
Date: Saturday, October 23, 2021 10:22:29 AM

Reapportionment committee:

I and my family are strongly against the proposed redistricting as it concerns Manoa.

I have lived in Manoa most of my life. I grew up on Lanihuli Drive, went to Manoa Elementary and University Elementary and High School. My son went to Manoa Elementary School and was very happy there. We've supported the school wholeheartedly. He also was in the Cub and Boy's Scout troop from Manoa. He enjoyed his experience and learned a lot, rising to the rank of Eagle Scout along with some schoolmates. My grandchildren have gone to preschools in Manoa.

We now live in Lower Manoa on Manoa Road. We raised our children here and now one of my sons live with us with his family. We patronize Manoa Shopping Center unless stores are not available there. We were very gratified that Brian Taniguchi managed to save the Manoa Post Office, slated to be closed. The Manoa Post office is convenient and a safe place to go. Being seniors now, we appreciate that the Manoa post office is not as crowded as those in Makiki. We want Brian Taniguchi to keep representing us all as he knows the Manoa area and it's needs. I do not think someone outside the Manoa area would have known how important the Post Office is to us. We do not share the same characteristics with the areas you are proposing to divide us into. My 3 sisters also have homes in the Manoa.

Manoa district has been a close knit community for decades and I see no valid reason to divide it. What are the reasons for dividing Manoa? I do not believe people in Manoa want the area to be divided. We appreciate the work that Brian Taniguchi has done to help the Manoa community. The Manoa area now shares the same geographic characteristics and common community interests. I do not believe the proposed division would be of true benefit to any of the areas. The areas you are proposing to divide us into do not share the same geographic and community characteristics. Some of these areas you are proposing to divide the Manoa area into are more heavily urban with apartments and condominiums, not residential with mostly single family homes .

Thank You,
Sheila Tamura

From: billhicksknb@gmail.com
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Alternative Oahu House Redistricting Proposal
Date: Saturday, October 23, 2021 2:23:16 PM
Attachments: [Bill Hicks Oahu House Redistricting Proposal.pdf](#)

Aloha Chair Mugiishi and the Reapportionment Commission...

During the State of Hawaii Reapportionment Commission meeting on October 14, 2021 public testimony was received and Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group were presented.

Some of the public testimony indicated displeasure that the Enchanted Lake community in Kailua, the Portlock community in Hawaii Kai, and a significant part of Manoa Valley would all be split between two house districts, diluting the voices of Kailua, Hawaii Kai, and Manoa. Additionally, Waimanalo community concerns were raised about the complexity of becoming linked with Hawaii Kai (Portlock) in addition to Kailua.

I constructed a redistricting proposal to see if each of these communities could be kept together, using both Ka'ena Point and Makapu'u Point as boundaries, and as anchors HD 17 (East Oahu), HD 51 (Windward Oahu), and HD 44 (Leeward Oahu). In the process I discovered the population deviations between all of the Oahu districts could also be significantly reduced.

I followed the rules for compact contiguous districts as much as possible. I used mountain ridges, highways, and streams as district boundaries as much as possible. I kept neighborhoods intact as much as possible; examples:

Lanikai/Enchanted Lake/Waimanalo kept intact as HD51 -- virtually identical to the current district (59 people moved)

Hawaii Kai kept intact as HD17 -- 1,751 people added using the west edge of Hawaii Kai

Manoa kept intact as HD23 -- all of Manoa Valley is kept as one

This plan has better population balance vs. the Commission's technical group proposal:

24 Districts 0 +/- .99% (vs. only 6 Districts)

11 Districts > 0.99% but less than 1.40% (vs. only 2 Districts)

0 Districts > 1.40% (vs. 27 Districts)

Total deviation 2.65% (-1.25% to 1.40%) versus 8.54% (-4.30% to 4.24%)

I only looked at making the districts compact, contiguous, geographically consistent, and as equal in population as possible; there was no political calculus involved. The attached brief has a detailed map for each of the 35 Oahu districts I constructed.

I hope this proposal can be used as a starting point for further development by the Commission in keeping more communities together. It was submitted and can be found at <https://redistricting.hawaii.esriemcs.com> (Open Plan > Shared Plan > Everyone).

Mahalo nui loa!

Aloha,
Bill Hicks, Kailua

Alternative Reapportionment Proposal

Bill Hicks

October 23, 2021

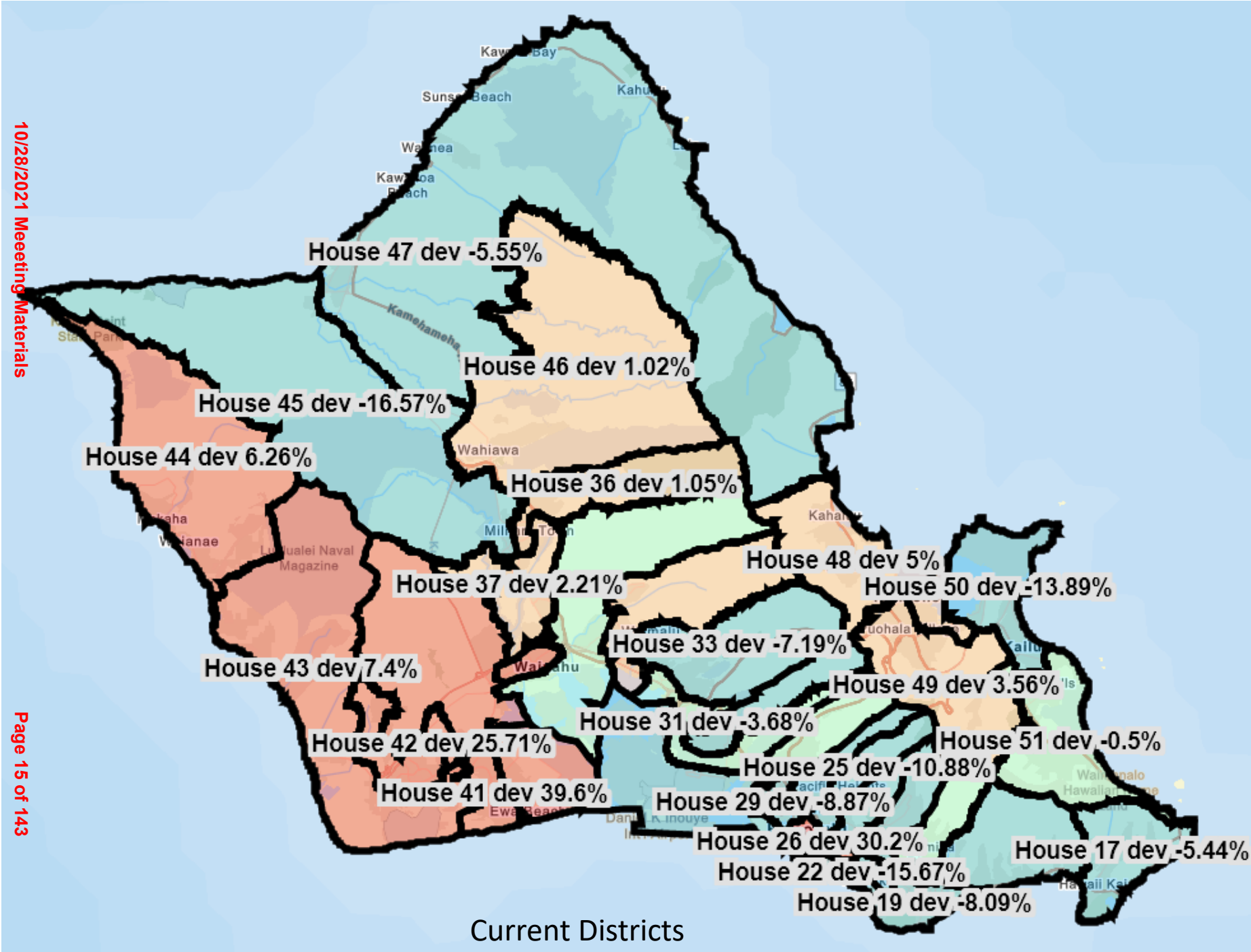
During the State of Hawaii Reapportionment Commission meeting on October 14, 2021 public testimony was received and Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group were presented.

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Plan Name	Owner	Description	Created	Last Modified
Bill Hicks Oahu House Redistricting Proposal	Bill75	I attempted to better level the Oahu House District populations while trying to keep neighborhoods together (incl. Enchanted Lake, Hawaii Kai, Manoa, etc.) and achieved 24 districts with 0 +/- 0.99% and 11 districts with 1.00% to +1.40% or -1.25% maximum for a total deviation of 2.65% (compared with 8.54% for the Commission TG plan). Anchors are HDs 17 (East Oahu), 51 (Windward), and 44 (Leeward). HD 32 relocated to Leeward Oahu.	2021-10-23 12:52	2021-10-23 12:52



Current Districts

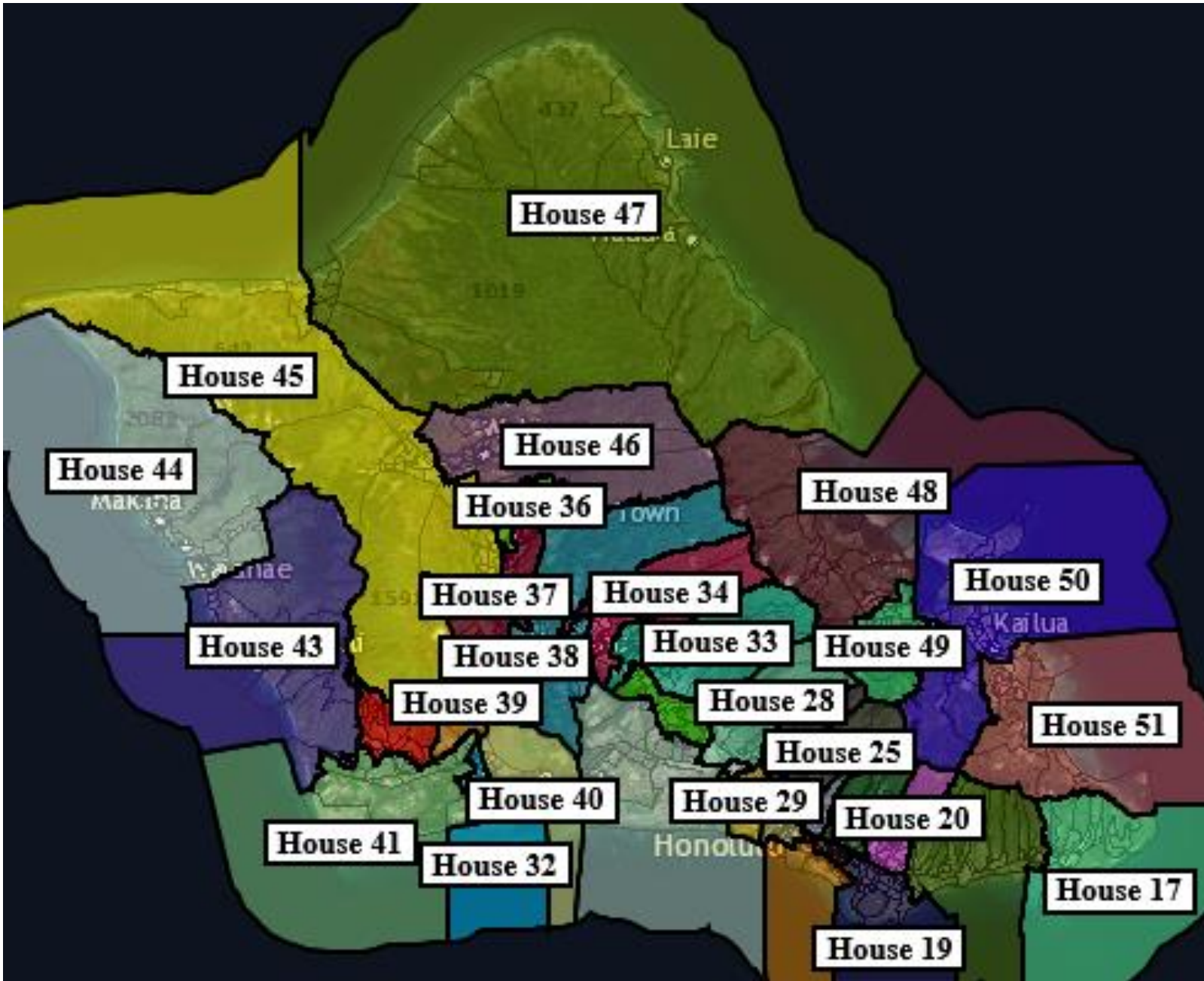
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18	-1984	-7.34%
19	-2186	-8.09%
20	-263	-0.97%
21	-3221	-11.92%
22	-4236	-15.67%
23	-3097	-11.46%
24	-2162	-8.00%
25	-2940	-11.88%
26	-8163	-30.20%
27	-1543	-5.71%
28	-1148	-4.25%
29	-2396	-8.87%
30	-4129	-15.28%
31	-994	-3.68%
32	-2062	-7.63%
33	-1943	-7.19%
34	367	1.36%
35	-257	-0.95%
36	285	1.05%
37	596	2.21%
38	4094	15.15%
39	6926	25.63%
40	1533	5.67%
41	10703	39.60%
42	6948	25.71%
43	1999	7.40%
44	1691	6.26%
45	-4477	-16.57%
46	276	1.02%
47	-1499	-5.55%
48	1350	5.00%
49	963	3.56%
50	-3753	-13.89%
51	-134	-0.50%

Current Districts



Proposed Districts

17	1018	3.77%
18	1043	3.86%
19	613	2.27%
20	955	3.53%
21	723	2.68%
22	532	1.97%
23	-1047	-3.87%
24	-921	-3.41%
25	-380	-1.41%
26	-713	-2.64%
27	-1002	-3.71%
28	-968	-3.58%
29	-813	-3.01%
30	-897	-3.32%
31	-892	-3.30%
32	542	2.01%
33	243	0.90%
34	-1030	-3.81%
35	285	1.05%
36	-924	-3.42%
37	-480	-1.78%
38	-85	-0.31%
39	-146	-0.54%
40	-209	-0.77%
41	530	1.96%
42	85	0.31%
43	-8	-0.03%
44	-1162	-4.30%
45	702	2.60%
46	276	1.02%
47	1146	4.24%
48	786	2.91%
49	901	3.33%
50	504	1.86%
51	792	2.93%



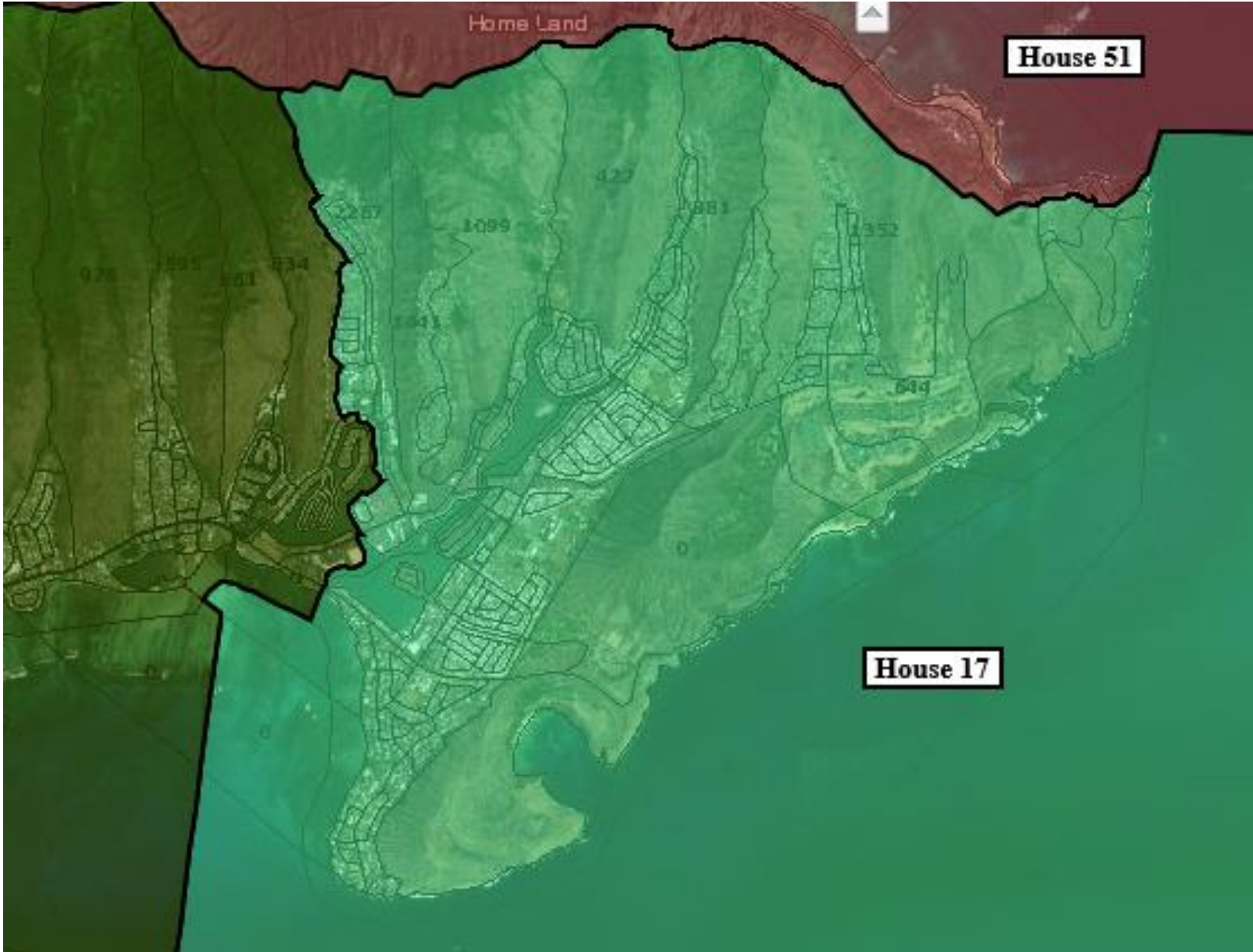
Bill Hicks Proposal

Bill Hicks' Proposed Districts

17	280	1.04%
18	94	0.35%
19	229	0.85%
20	-263	-0.97%
21	-319	-1.18%
22	-130	-0.48%
23	359	1.33%
24	96	0.36%
25	331	1.22%
26	290	1.07%
27	379	1.40%
28	-228	-0.84%
29	314	1.16%
30	-146	-0.54%
31	44	0.16%
32	38	0.14%
33	9	0.03%
34	129	0.48%
35	-114	-0.42%
36	-48	-0.18%
37	42	0.16%
38	4	0.01%
39	34	0.13%
40	12	0.04%
41	22	0.08%
42	-6	-0.02%
43	135	0.50%
44	115	0.43%
45	-84	-0.31%
46	-274	-1.01%
47	-316	-1.17%
48	-274	-1.01%
49	-225	-0.83%
50	-337	-1.25%
51	-193	-0.71%

Four Anchor Districts, More Intact Neighborhoods, and Better Population Balance

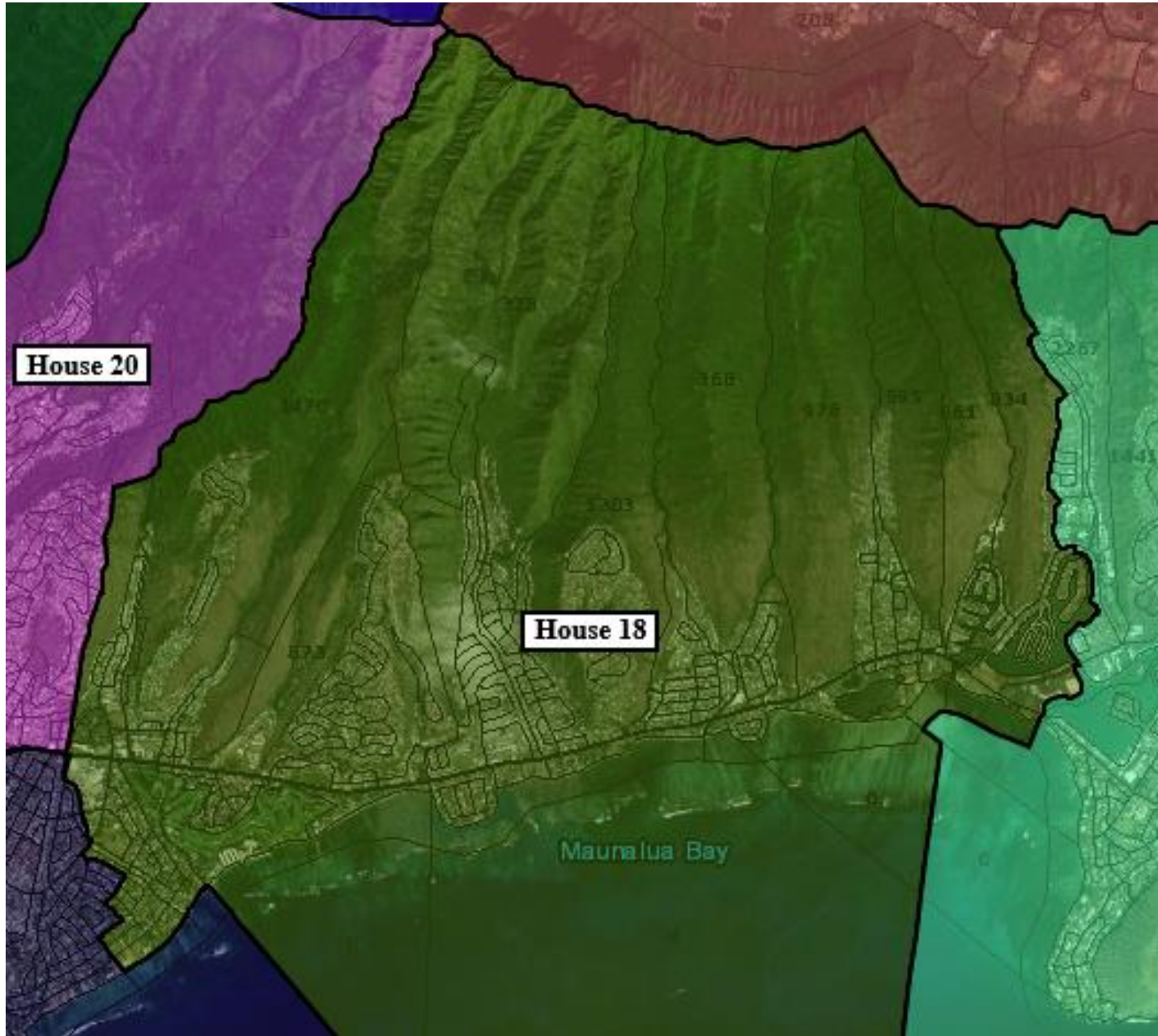
- This alternative plan uses 4 anchor districts:
 - District 17 East Oahu
 - District 44 Leeward Oahu
 - District 45 North Shore
 - District 51 Windward Oahu
- District 32 is relocated from East Oahu to Leeward Oahu
- This plan uses mountain ridges, highways, and streams as district boundaries as much as possible
- This plan keeps neighborhoods intact as much as possible; examples:
 - Lanikai/Enchanted Lake/Waimanalo kept intact as HD51
 - Hawaii Kai kept intact as HD17
 - Manoa kept intact as HD23
- This plan has better population balance
 - 24 Districts 0 +/- .99% (vs. only 6 Districts)
 - 11 Districts > 0.99% but less than 1.40% (vs. only 2 Districts)
 - 0 Districts > 1.40% (vs. 27 Districts)
 - Total worst case variance 2.65% (-1.25% to 1.40%) versus 8.54% (-4.30% to 4.24%)



Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
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27 379	1.40%
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29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%

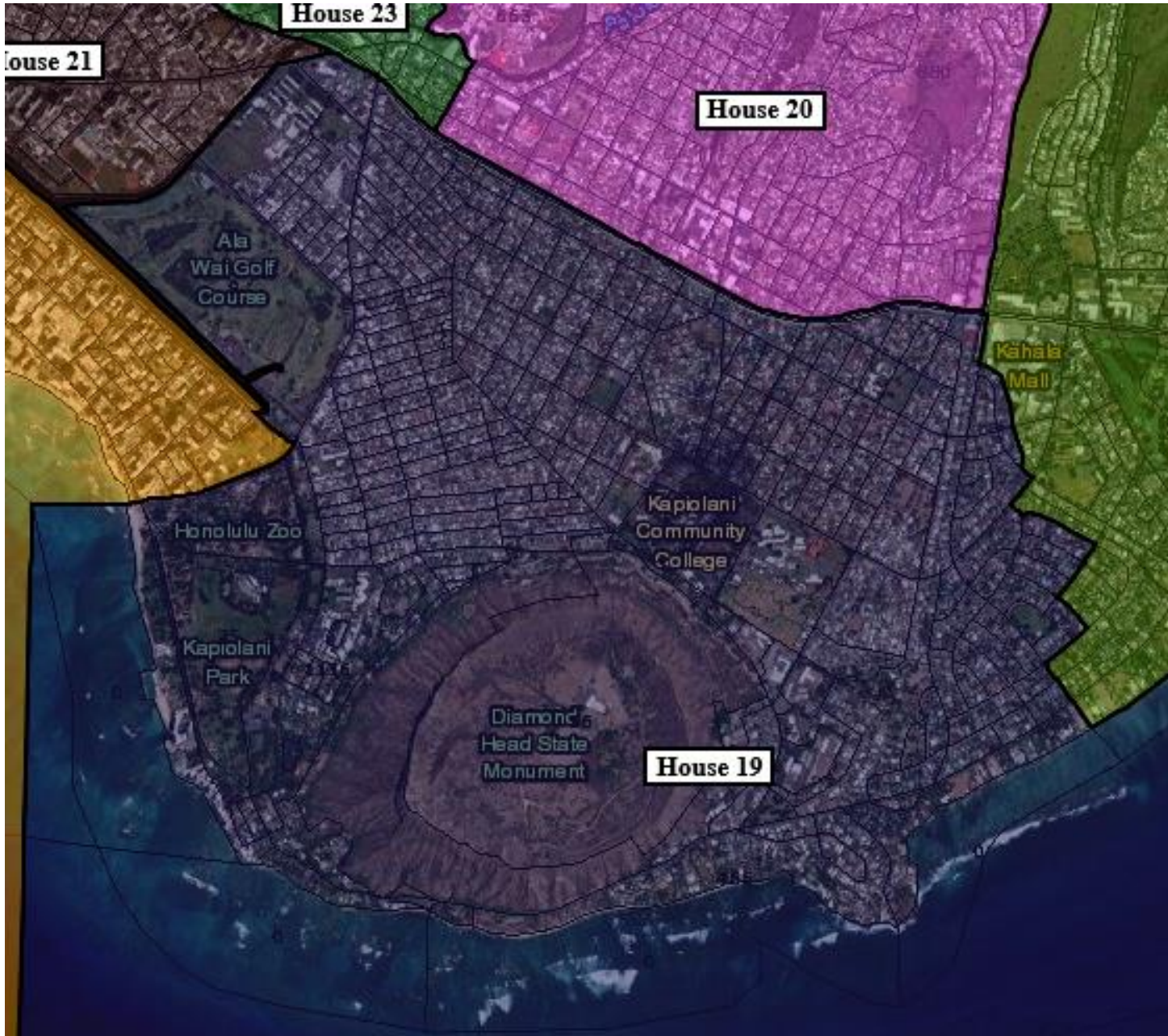
House District 17



House District 18

Bill Hicks' Proposed Districts

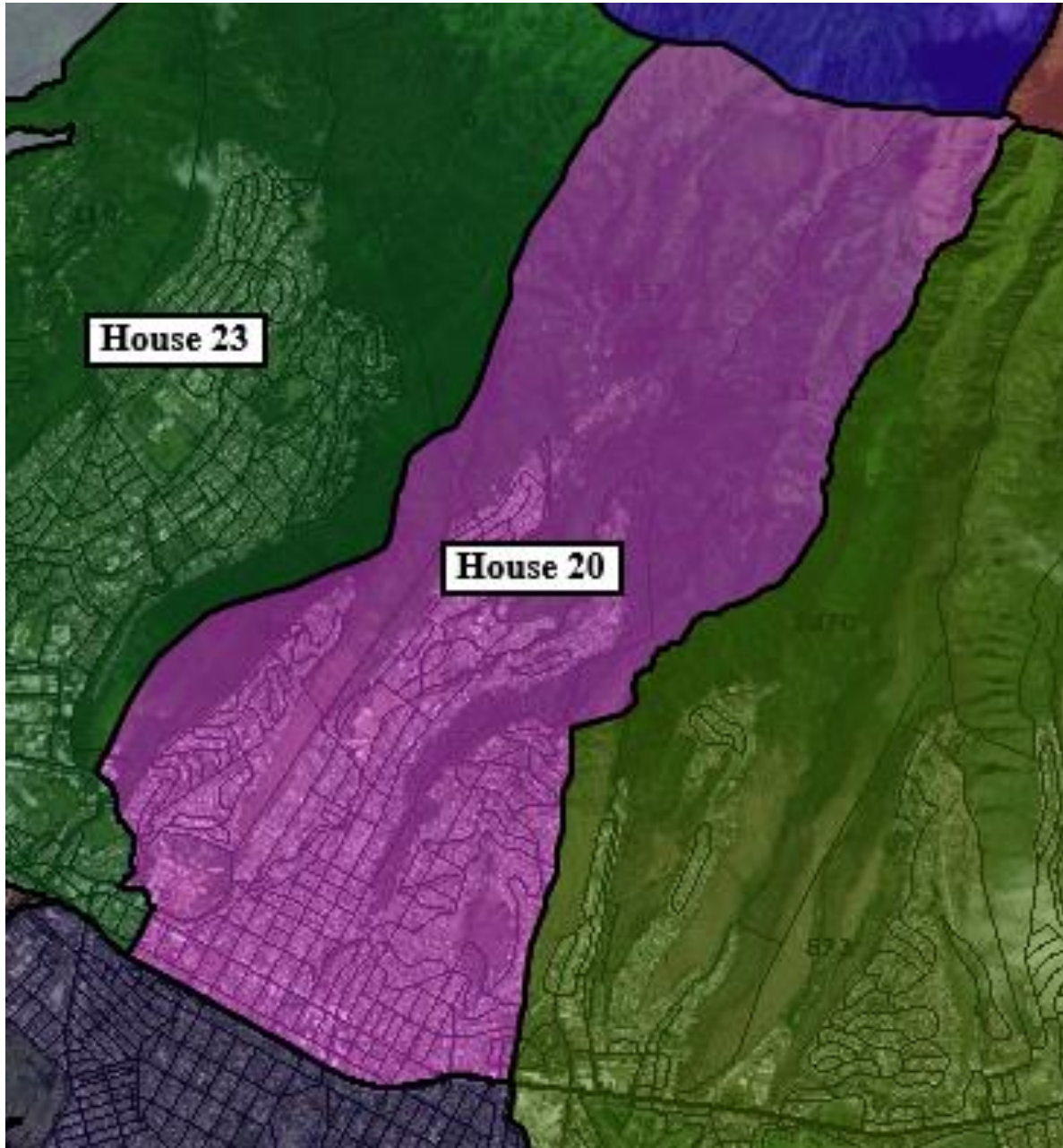
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46 -274	-1.01%
47 -316	-1.17%
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51 -193	-0.71%



House District 19

Bill Hicks' Proposed Districts

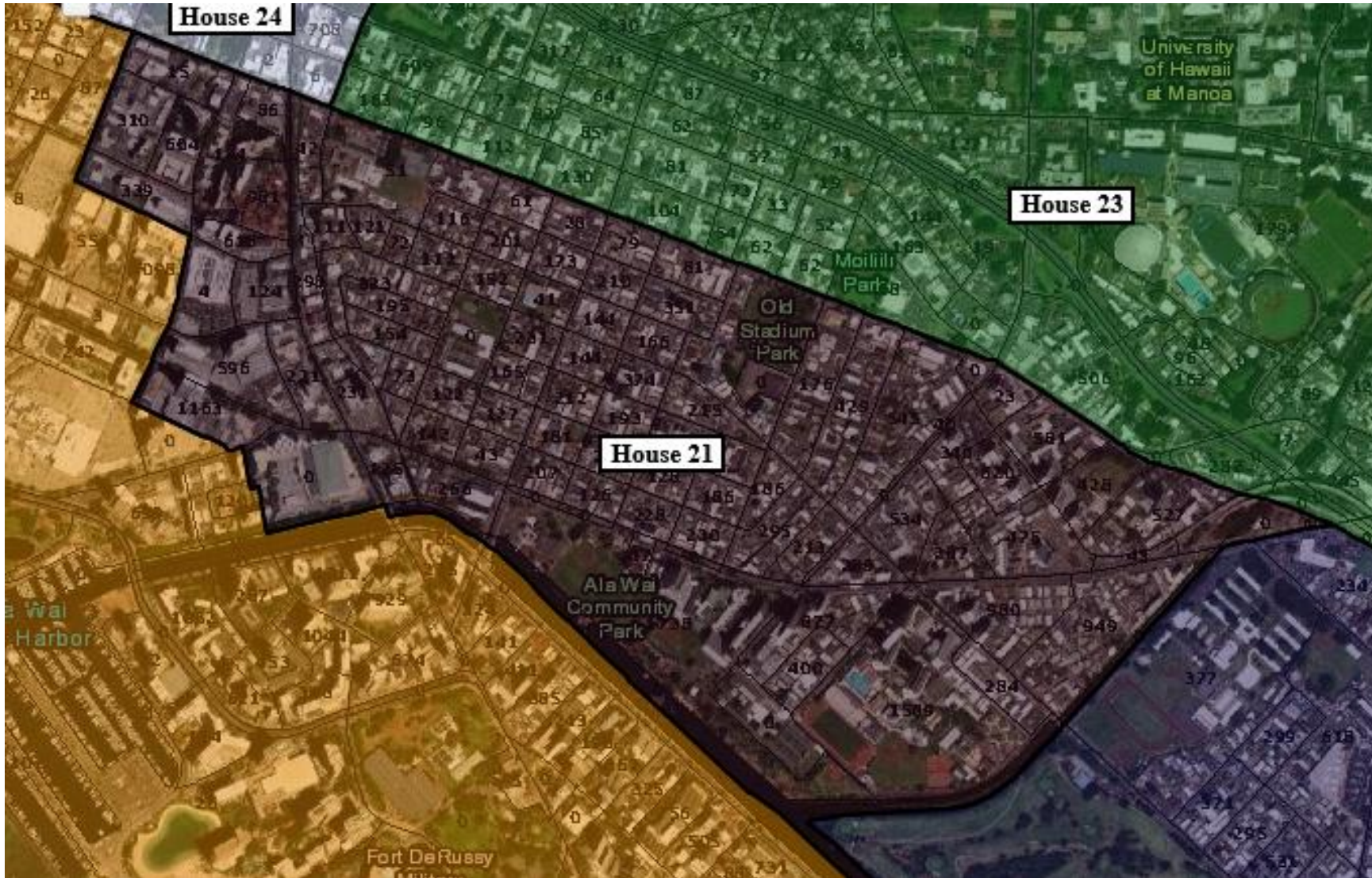
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47 -316	-1.17%
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House District 20

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
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House District 21

Bill Hicks' Proposed Districts

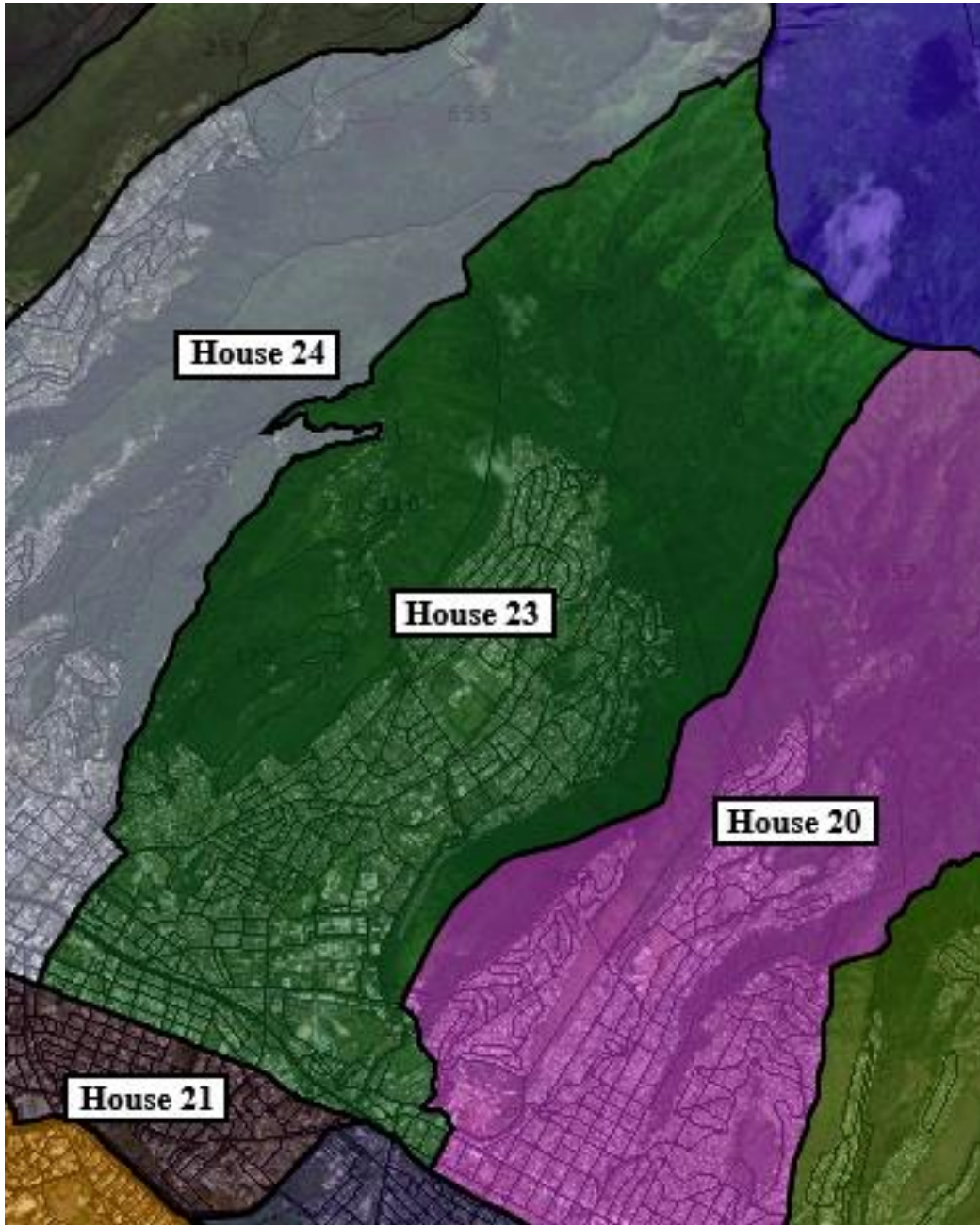
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35 -114	-0.42%
36 -48	-0.18%
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46 -274	-1.01%
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50 -337	-1.25%
51 -193	-0.71%



House District 22

Bill Hicks' Proposed Districts

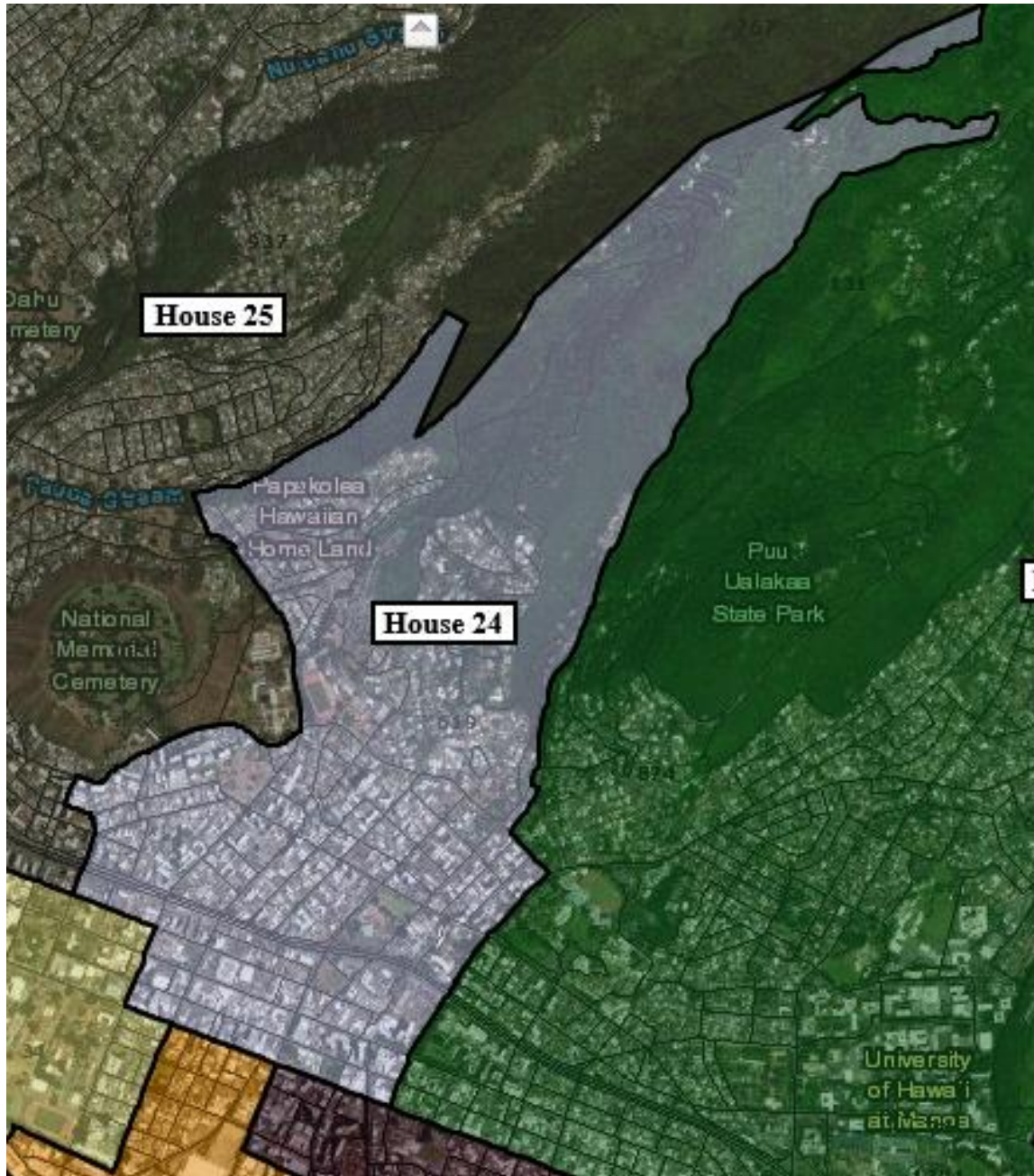
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House District 23

Bill Hicks' Proposed Districts

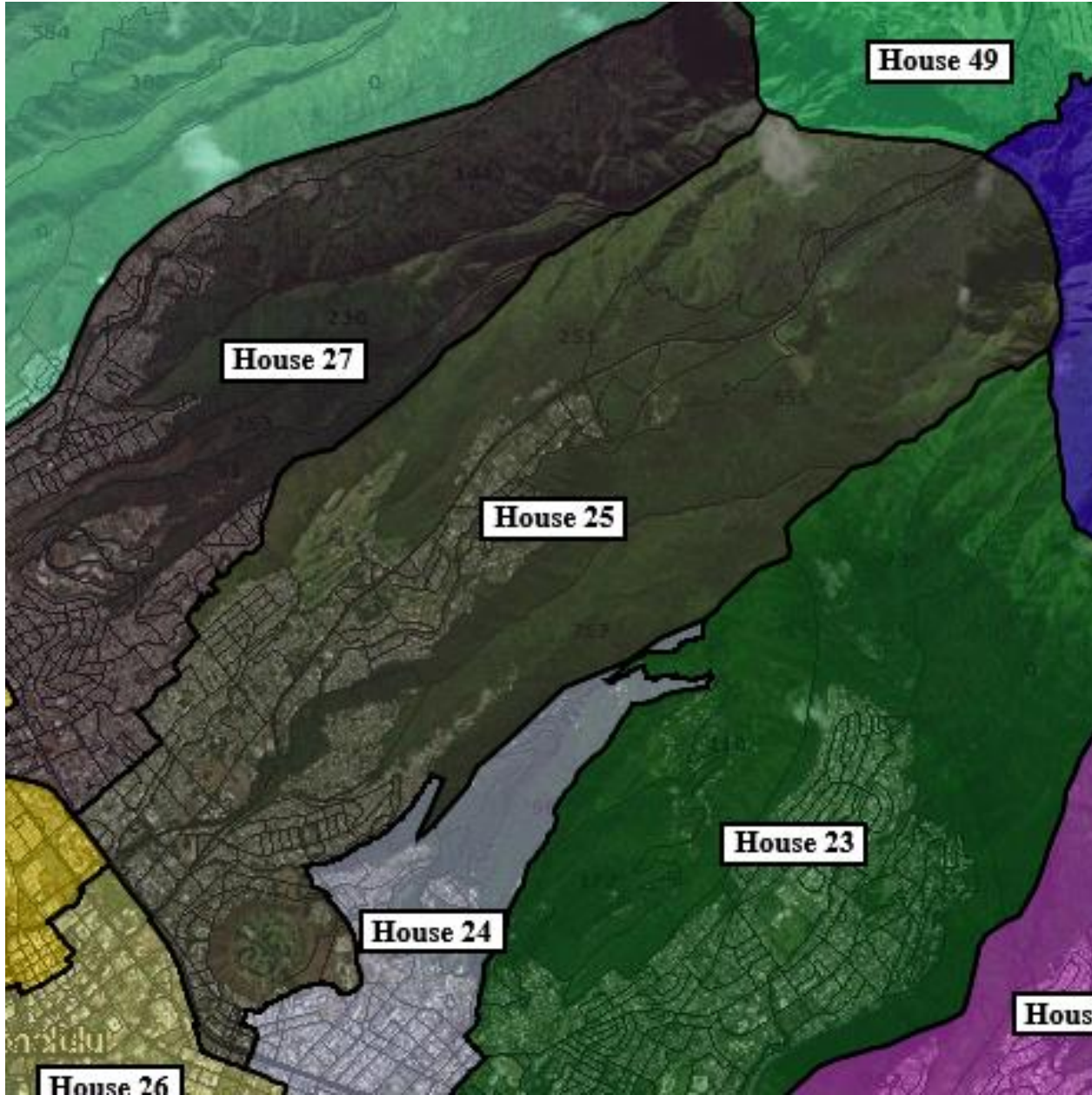
17 280	1.04%
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19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 24

Bill Hicks' Proposed Districts

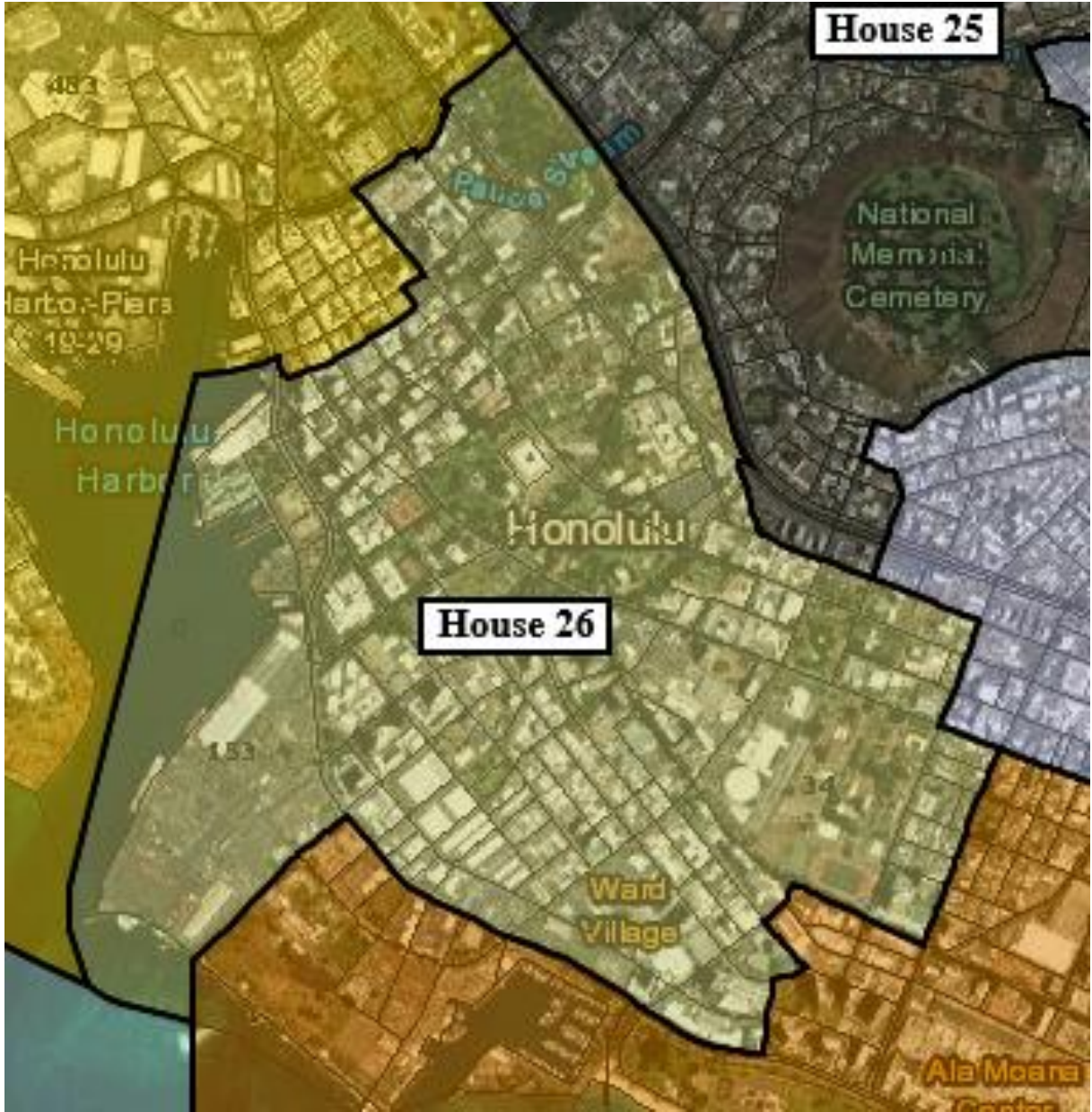
17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 25

Bill Hicks' Proposed Districts

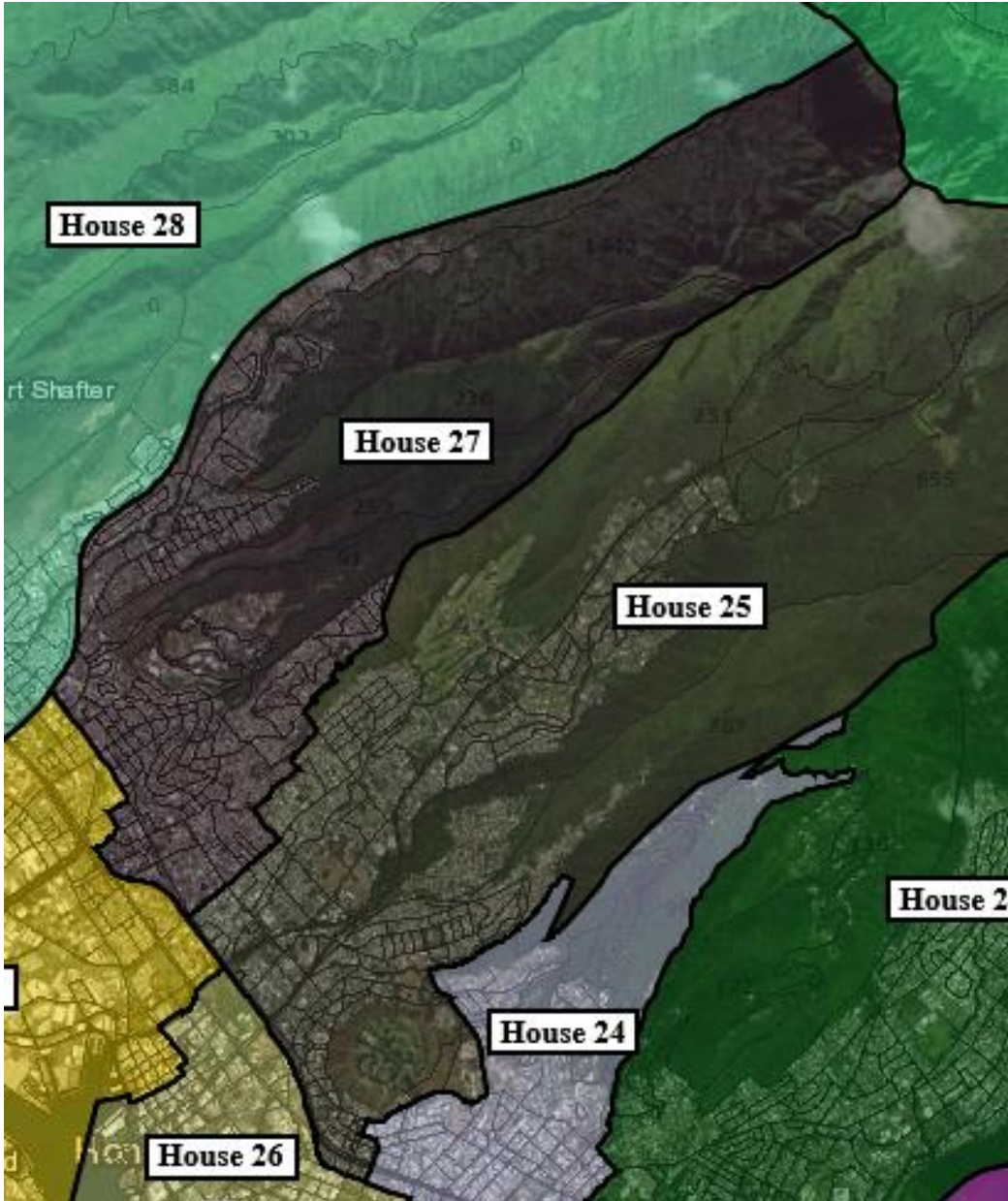
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 26

Bill Hicks' Proposed Districts

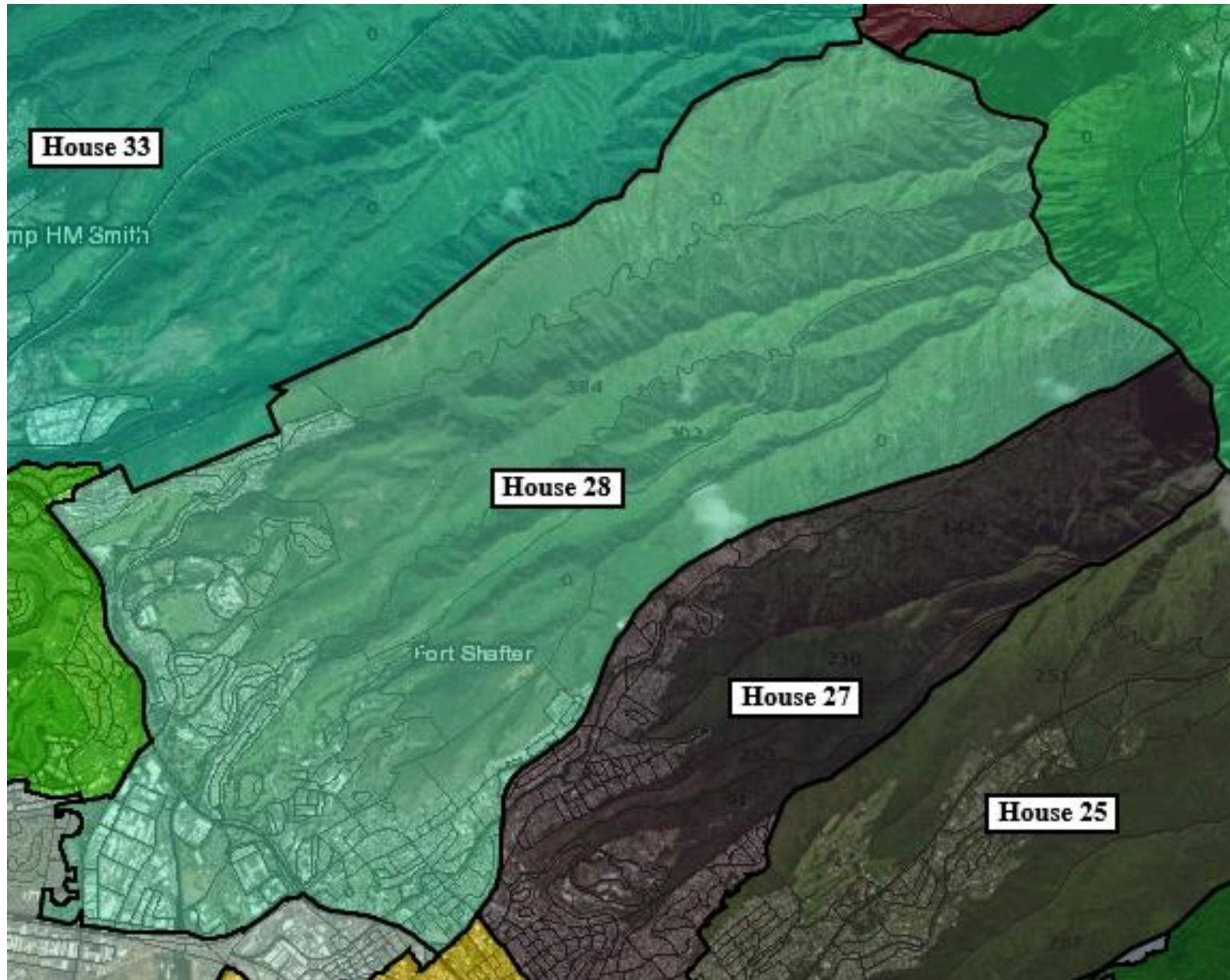
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 27

Bill Hicks' Proposed Districts

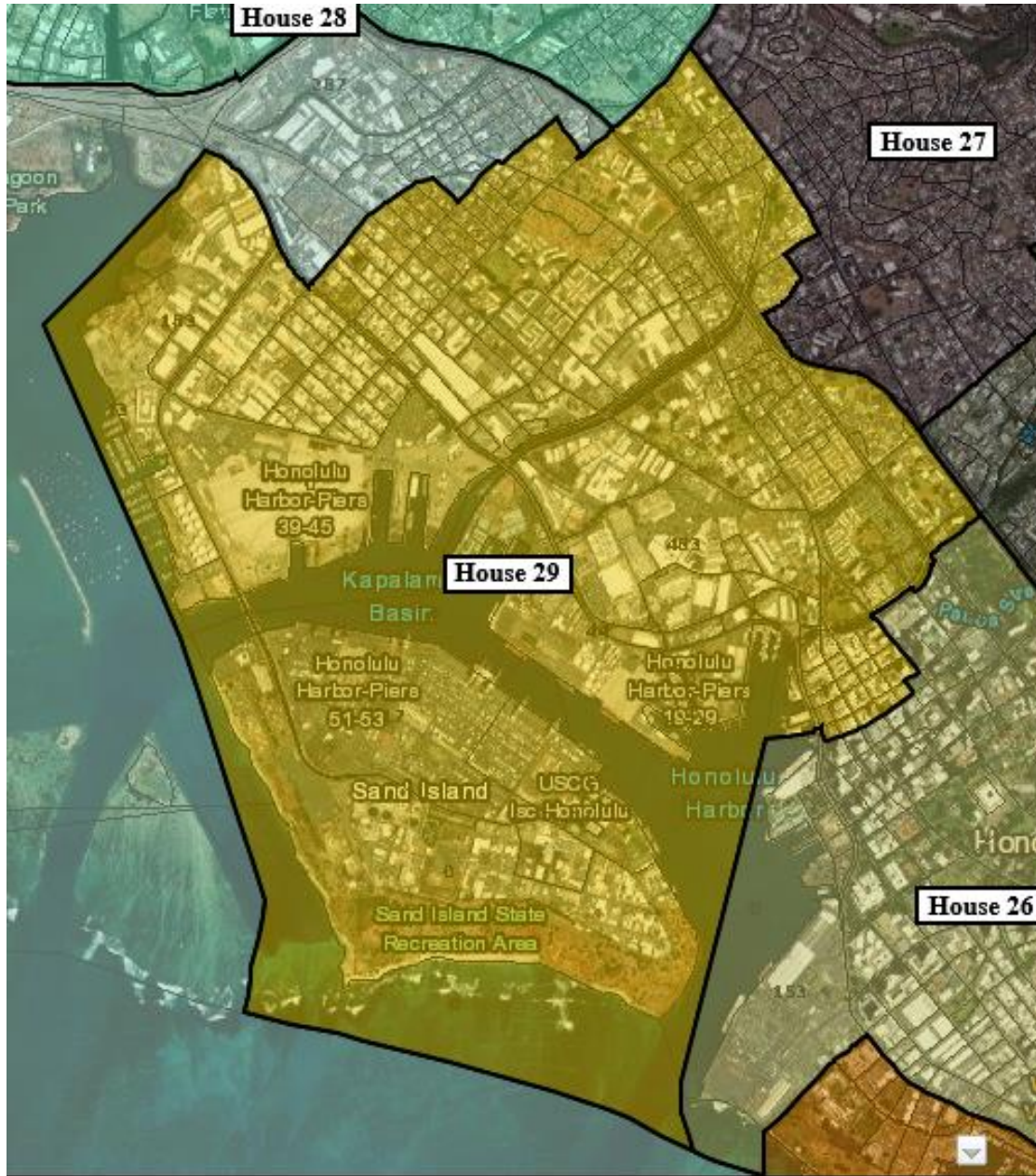
17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 28

Bill Hicks' Proposed Districts

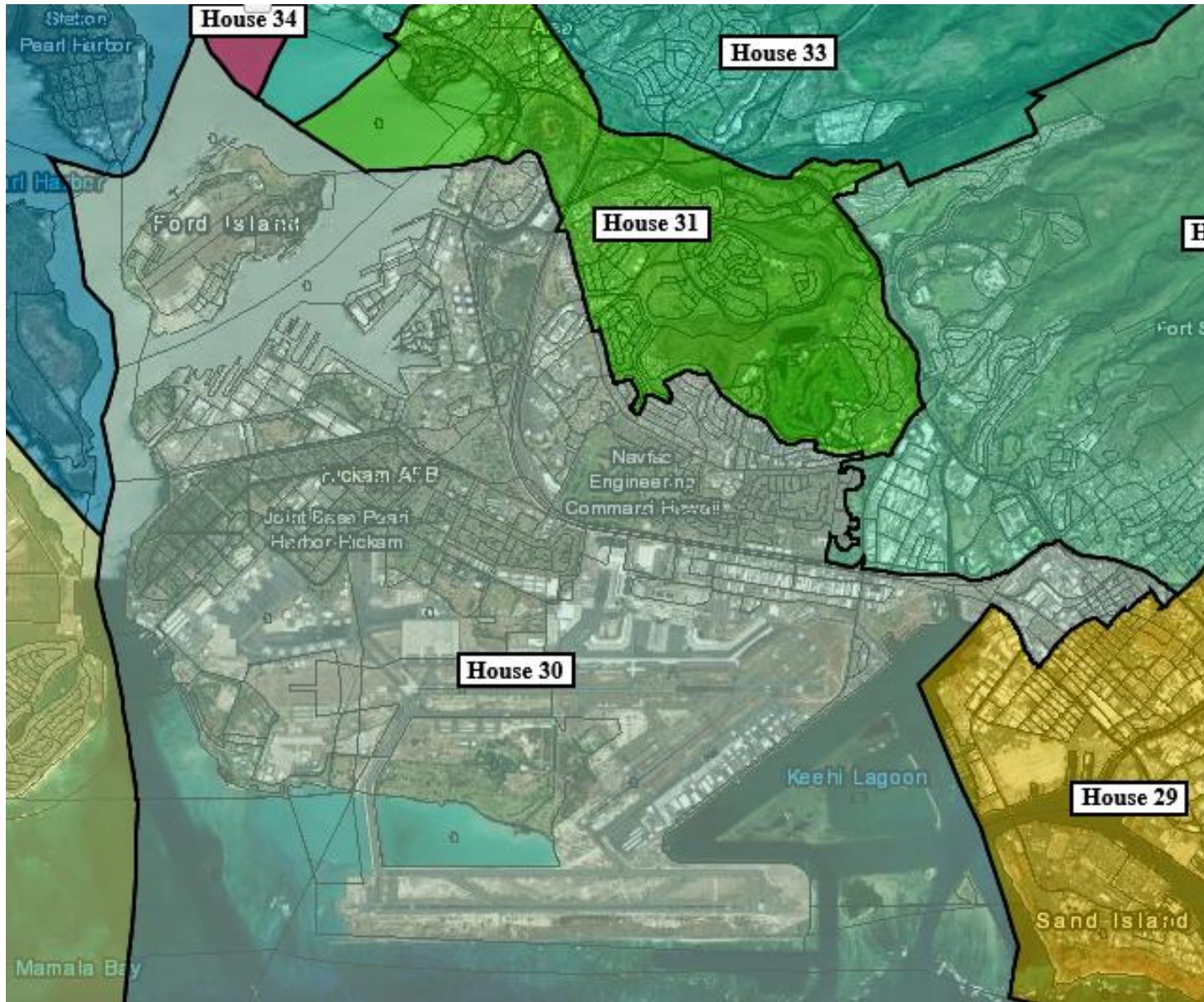
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 29

Bill Hicks' Proposed Districts

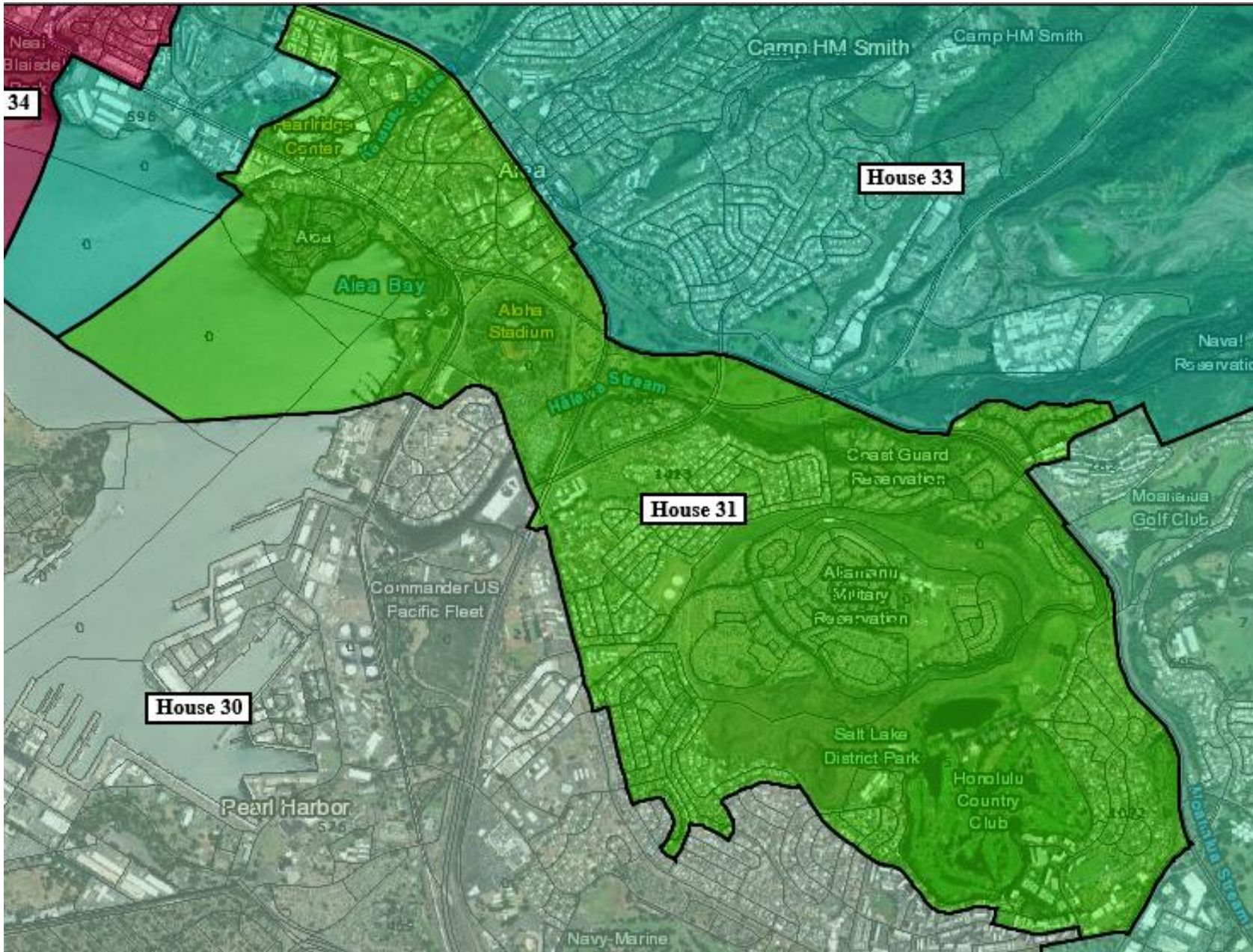
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 30

Bill Hicks' Proposed Districts

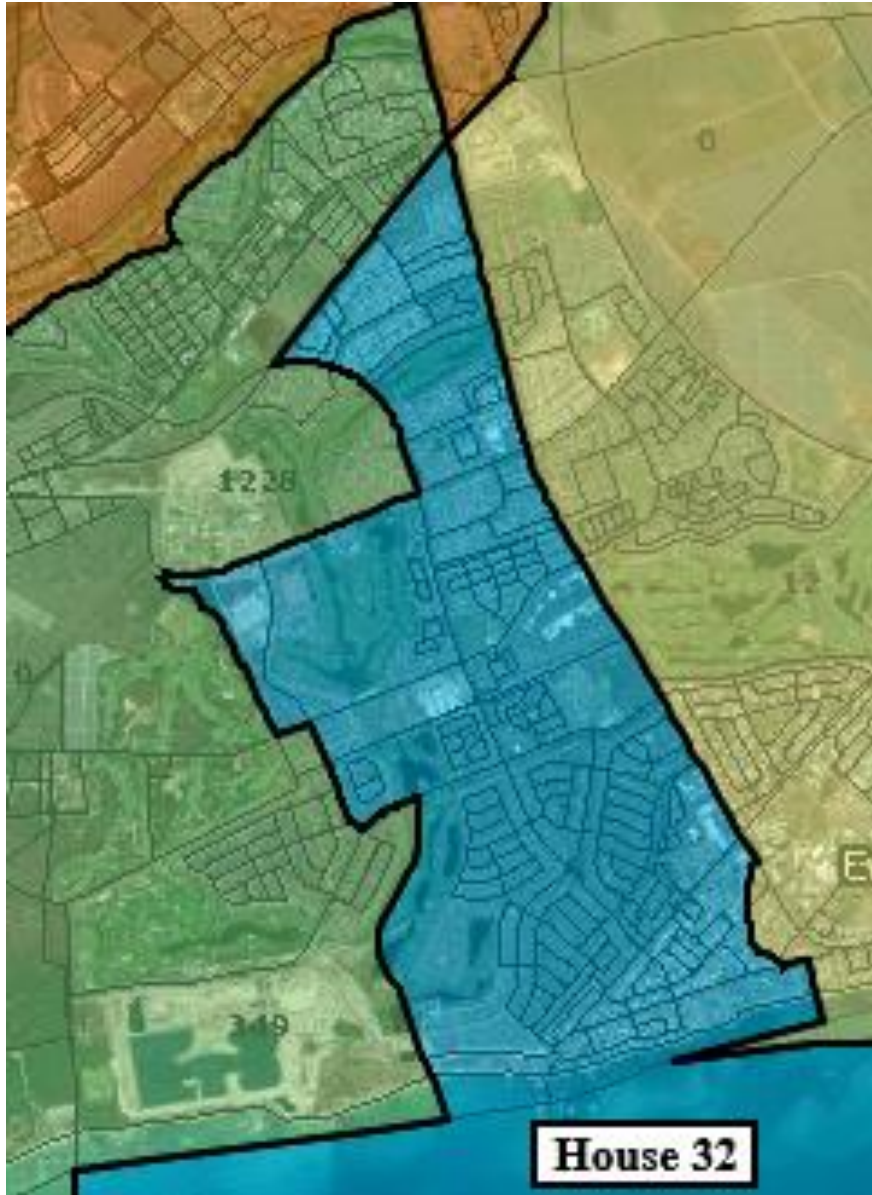
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 31

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%

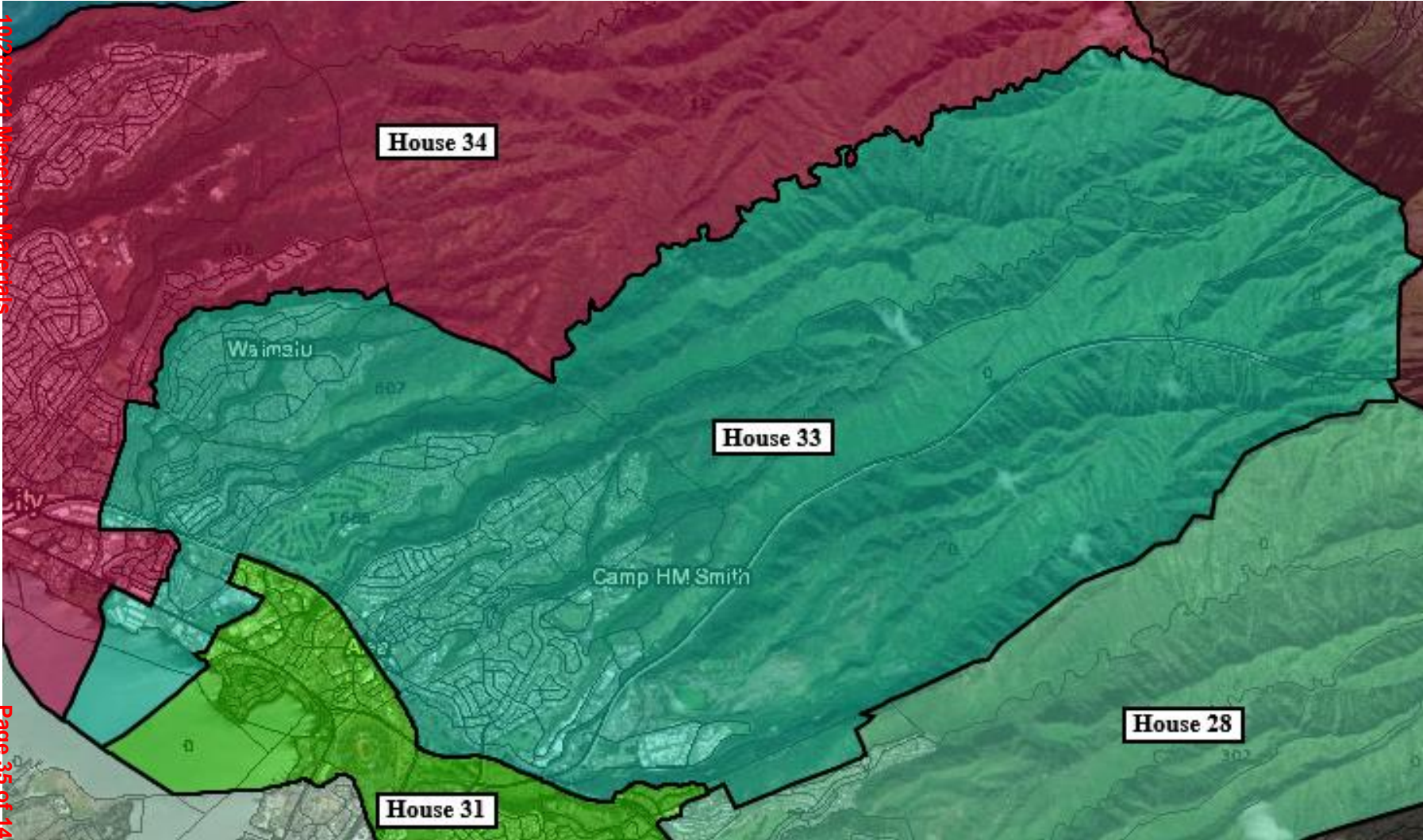


House District 32

Note, HD32 is relocated from East Oahu to Leeward Oahu.

Bill Hicks' Proposed Districts

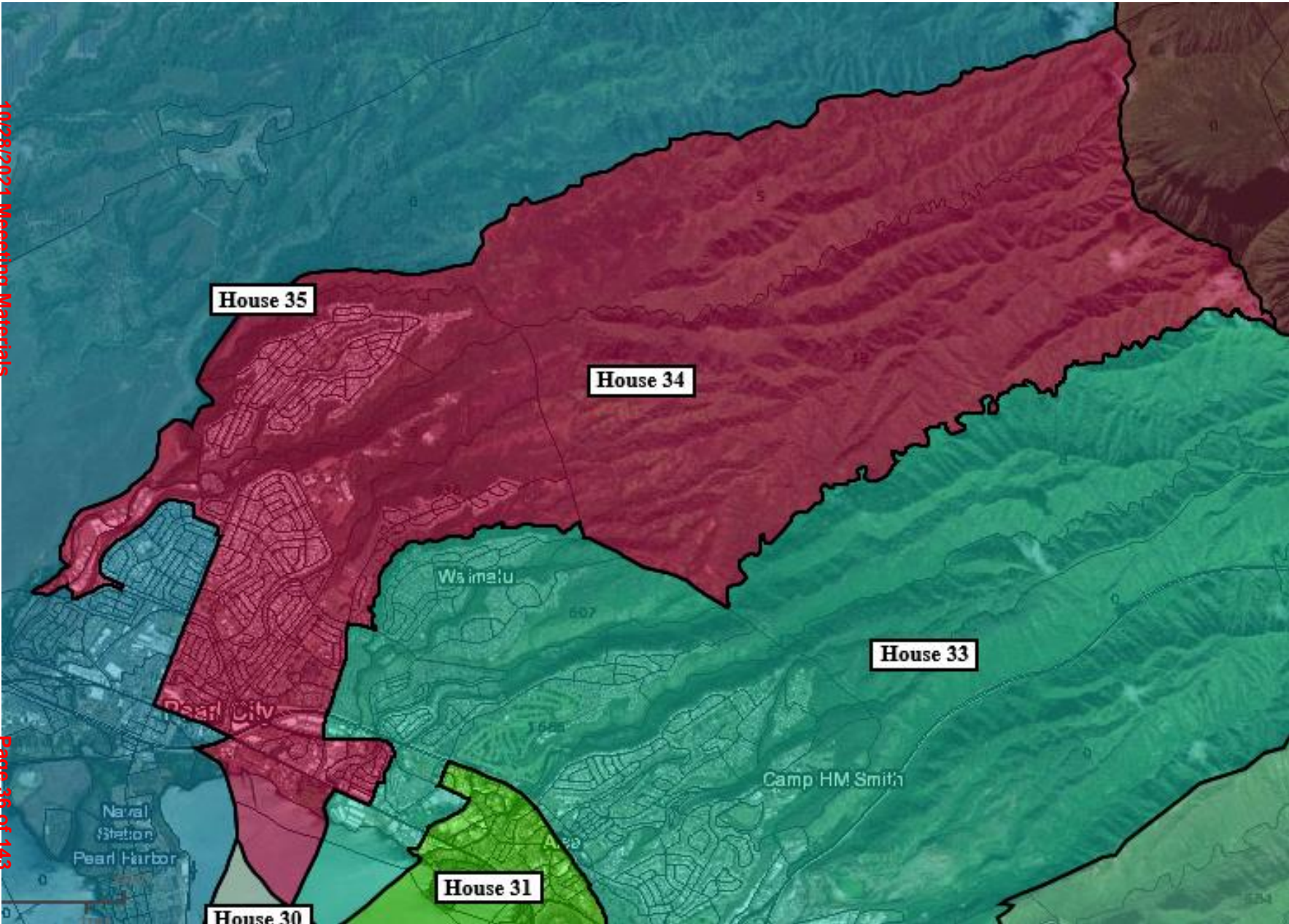
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 33

Bill Hicks' Proposed Districts

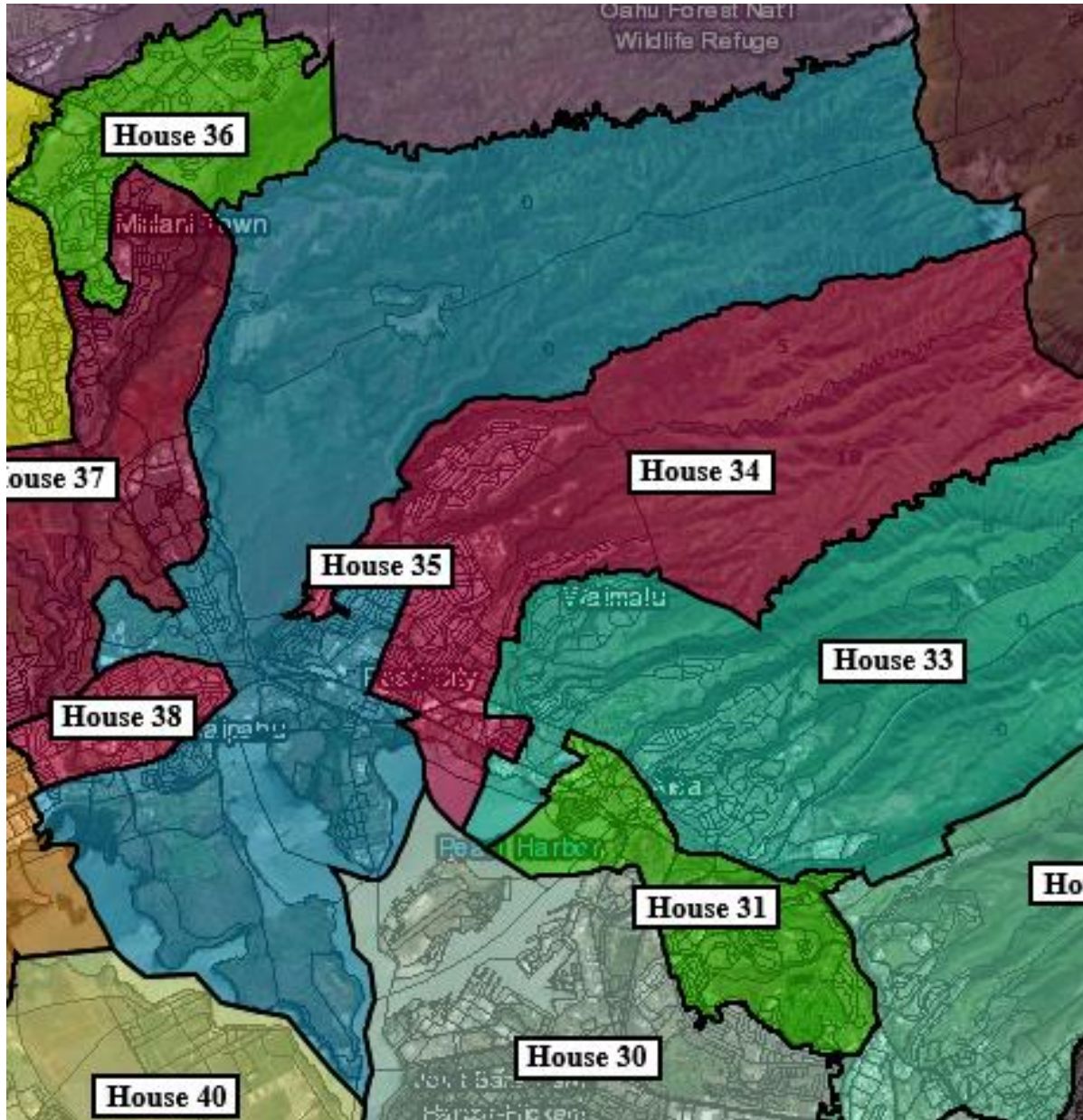
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%

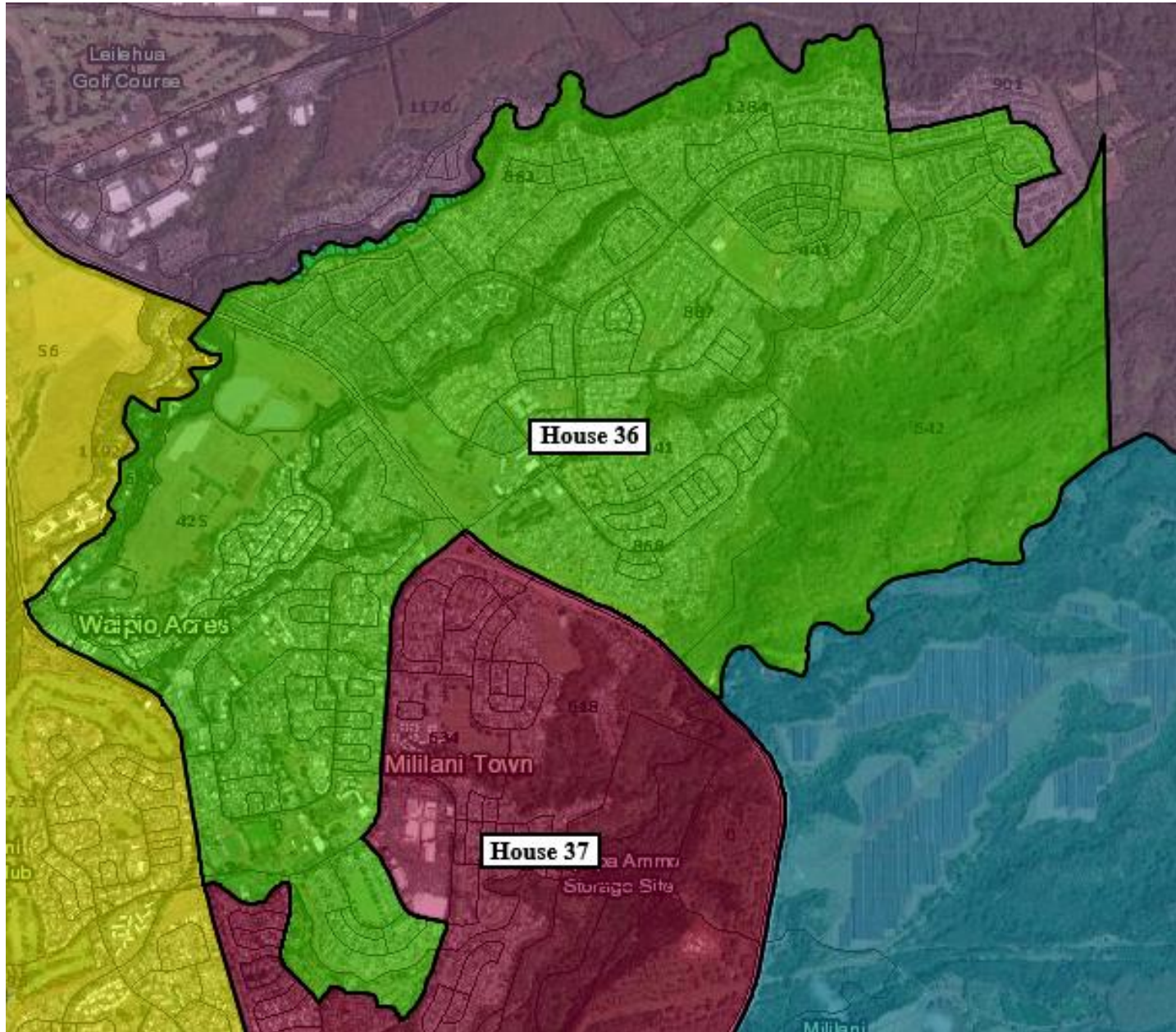
House District 34



House District 35

Bill Hicks' Proposed Districts

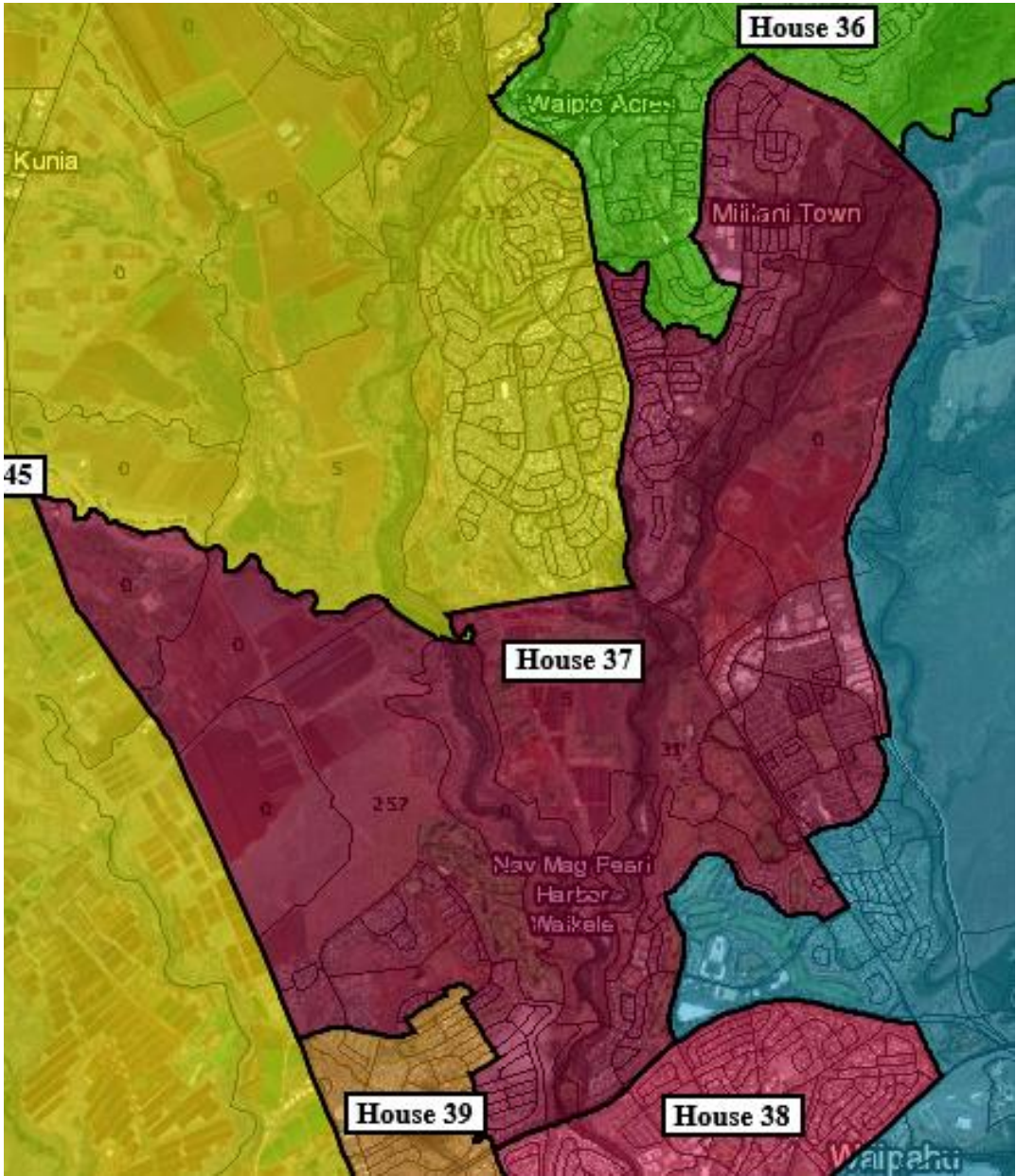
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 36

Bill Hicks' Proposed Districts

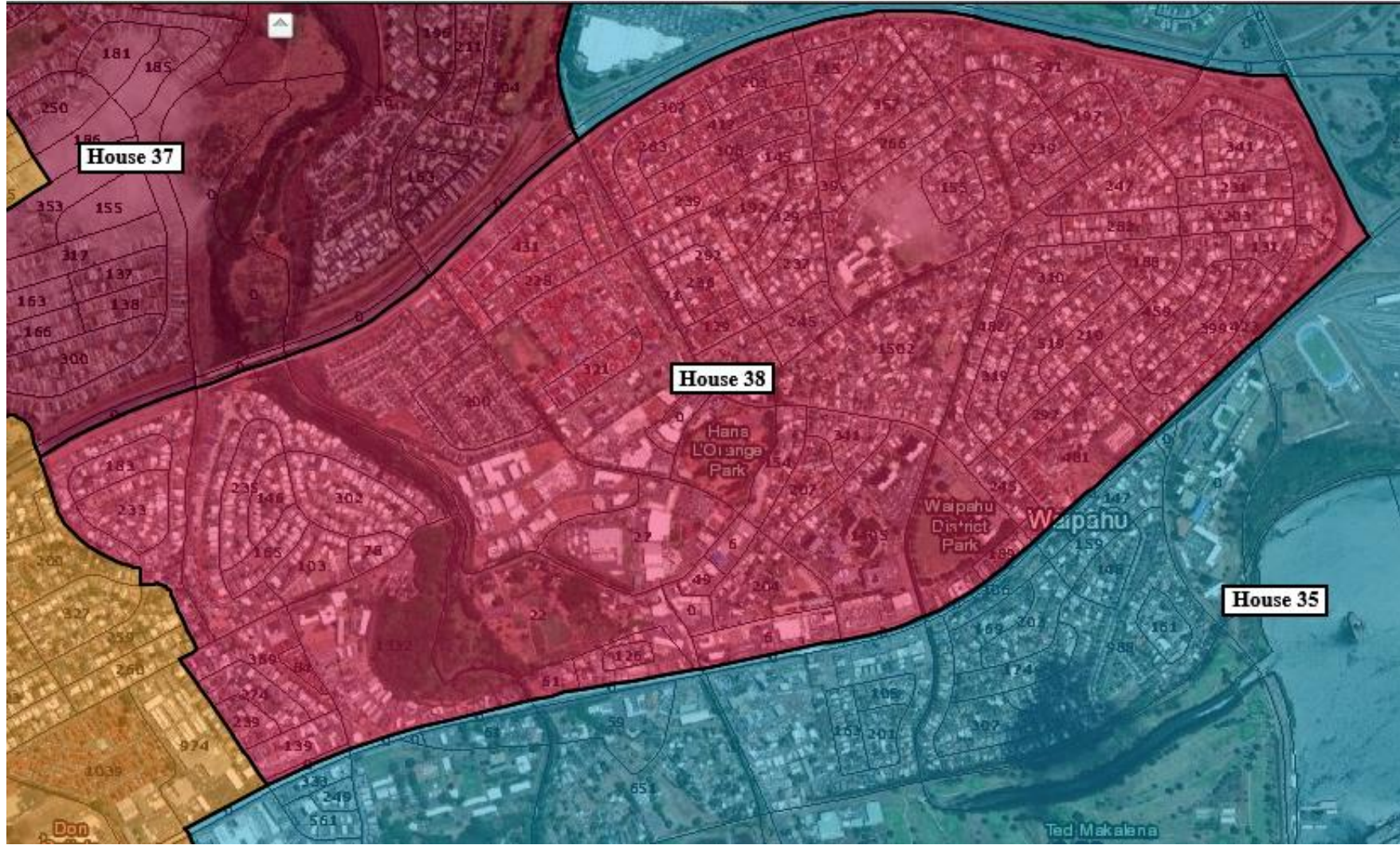
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 37

Bill Hicks' Proposed Districts

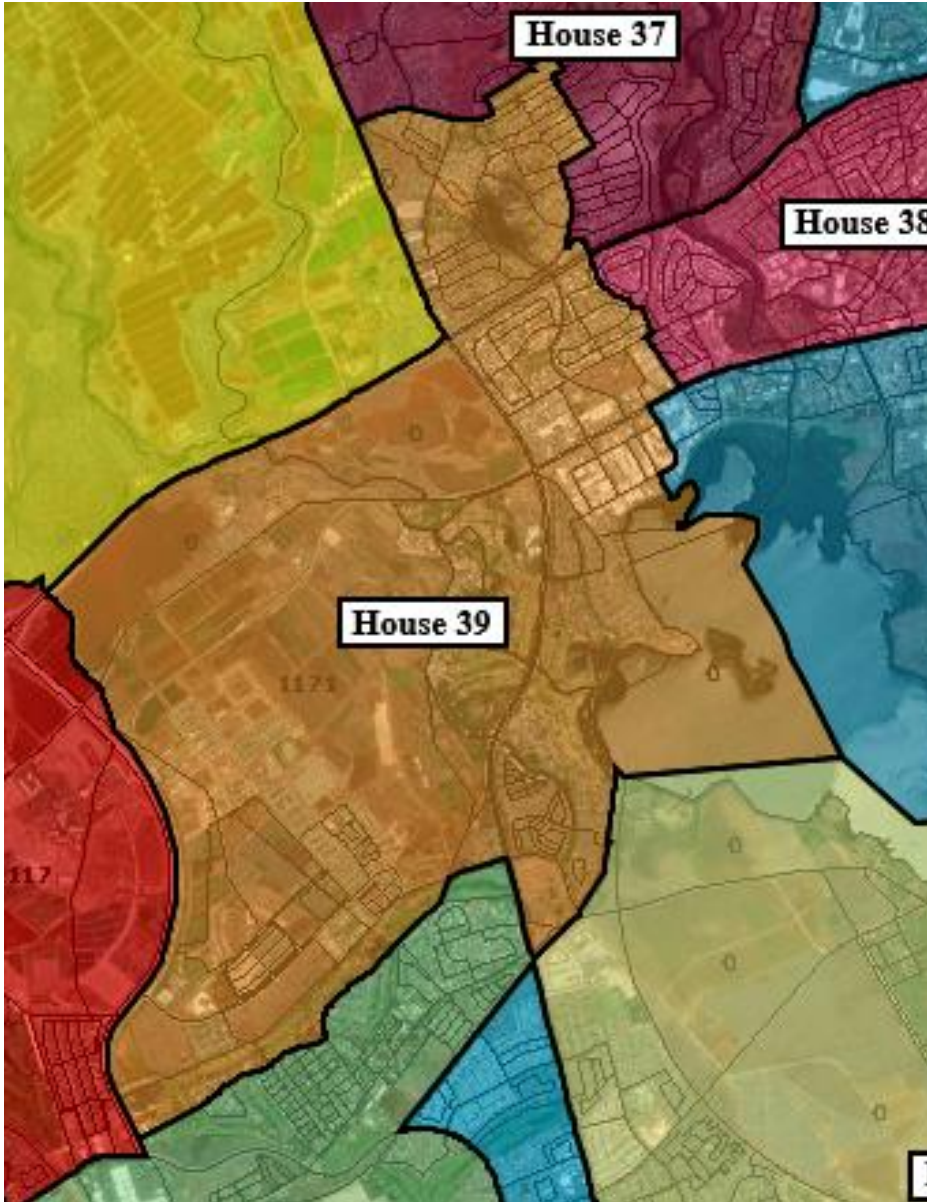
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18	94	0.35%
19	229	0.85%
20	-263	-0.97%
21	-319	-1.18%
22	-130	-0.48%
23	359	1.33%
24	96	0.36%
25	331	1.22%
26	290	1.07%
27	379	1.40%
28	-228	-0.84%
29	314	1.16%
30	-146	-0.54%
31	44	0.16%
32	38	0.14%
33	9	0.03%
34	129	0.48%
35	-114	-0.42%
36	-48	-0.18%
37	42	0.16%
38	4	0.01%
39	34	0.13%
40	12	0.04%
41	22	0.08%
42	-6	-0.02%
43	135	0.50%
44	115	0.43%
45	-84	-0.31%
46	-274	-1.01%
47	-316	-1.17%
48	-274	-1.01%
49	-225	-0.83%
50	-337	-1.25%
51	-193	-0.71%



House District 38

Bill Hicks' Proposed Districts

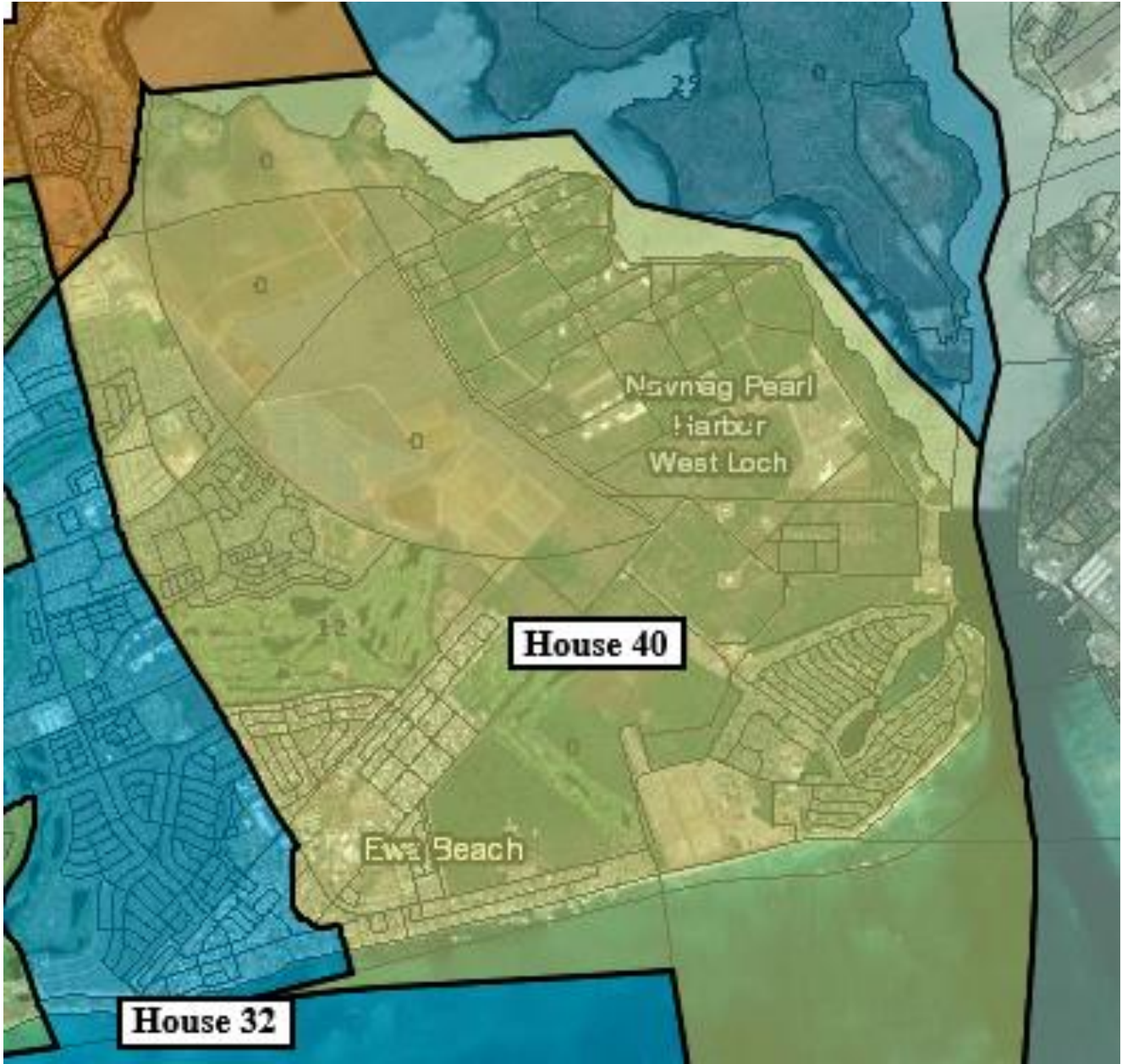
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 39

Bill Hicks' Proposed Districts

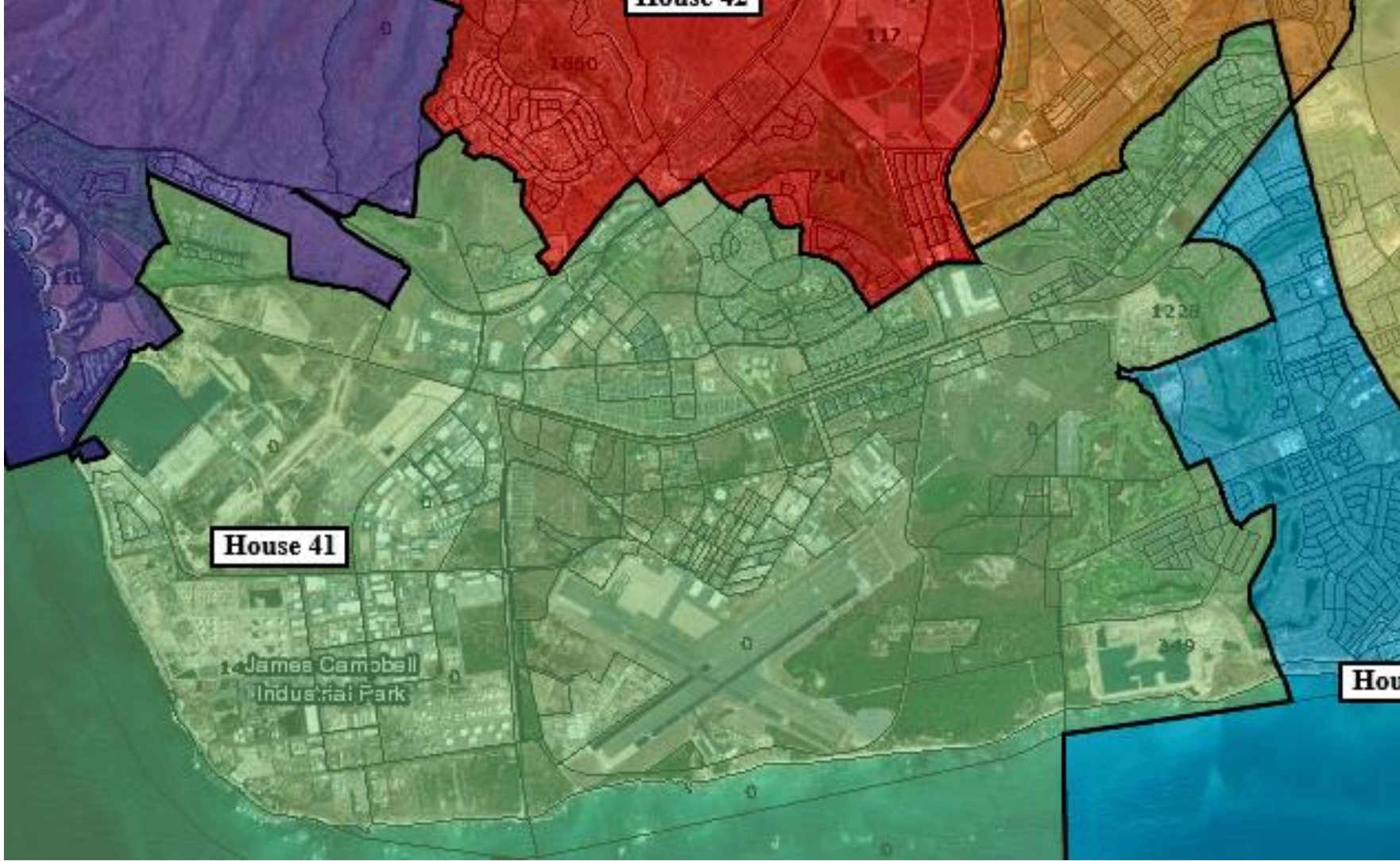
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 40

Bill Hicks' Proposed Districts

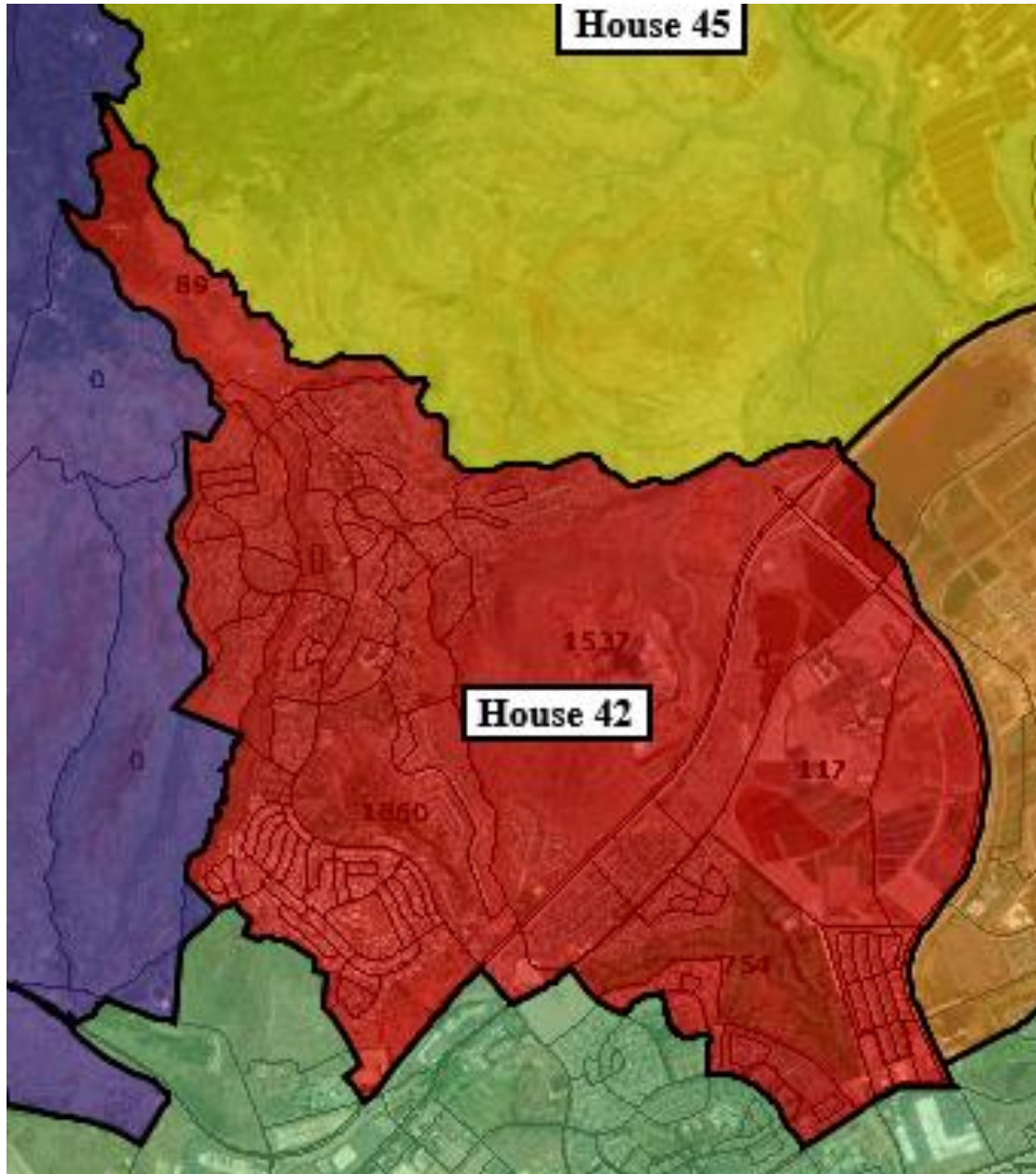
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 41

Bill Hicks' Proposed Districts

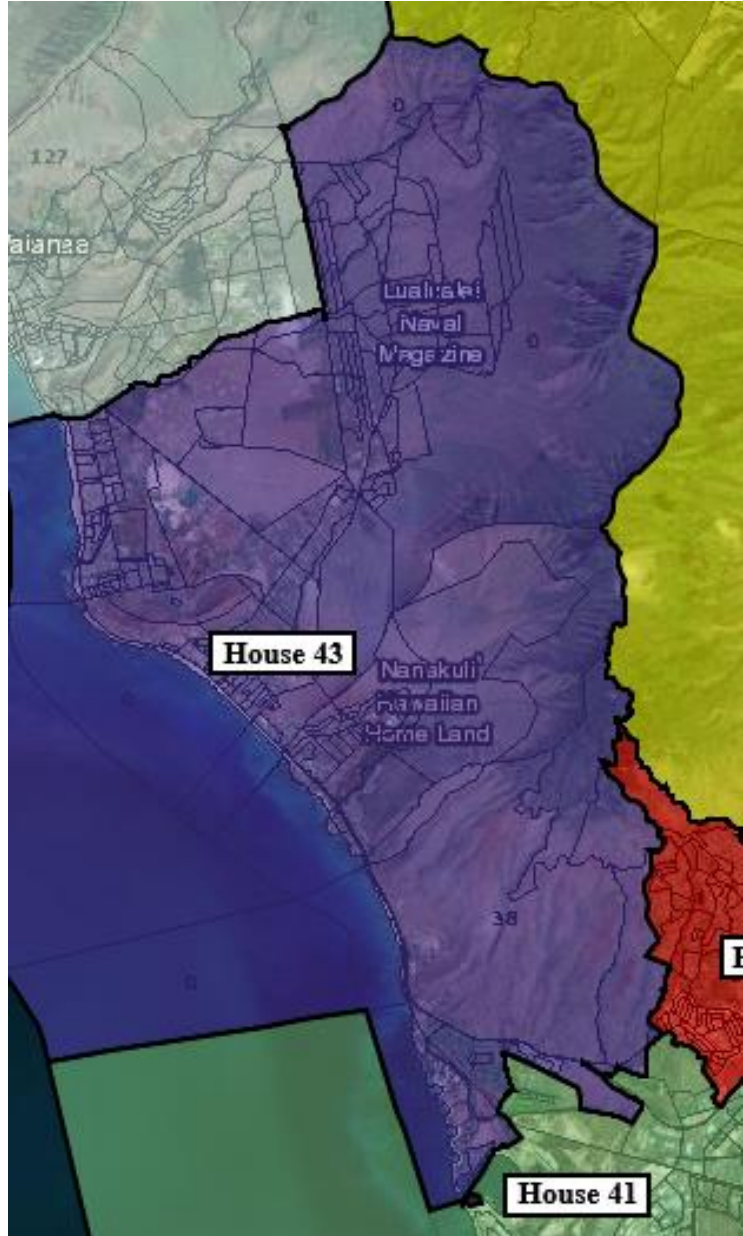
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18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 42

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 43

Bill Hicks' Proposed Districts

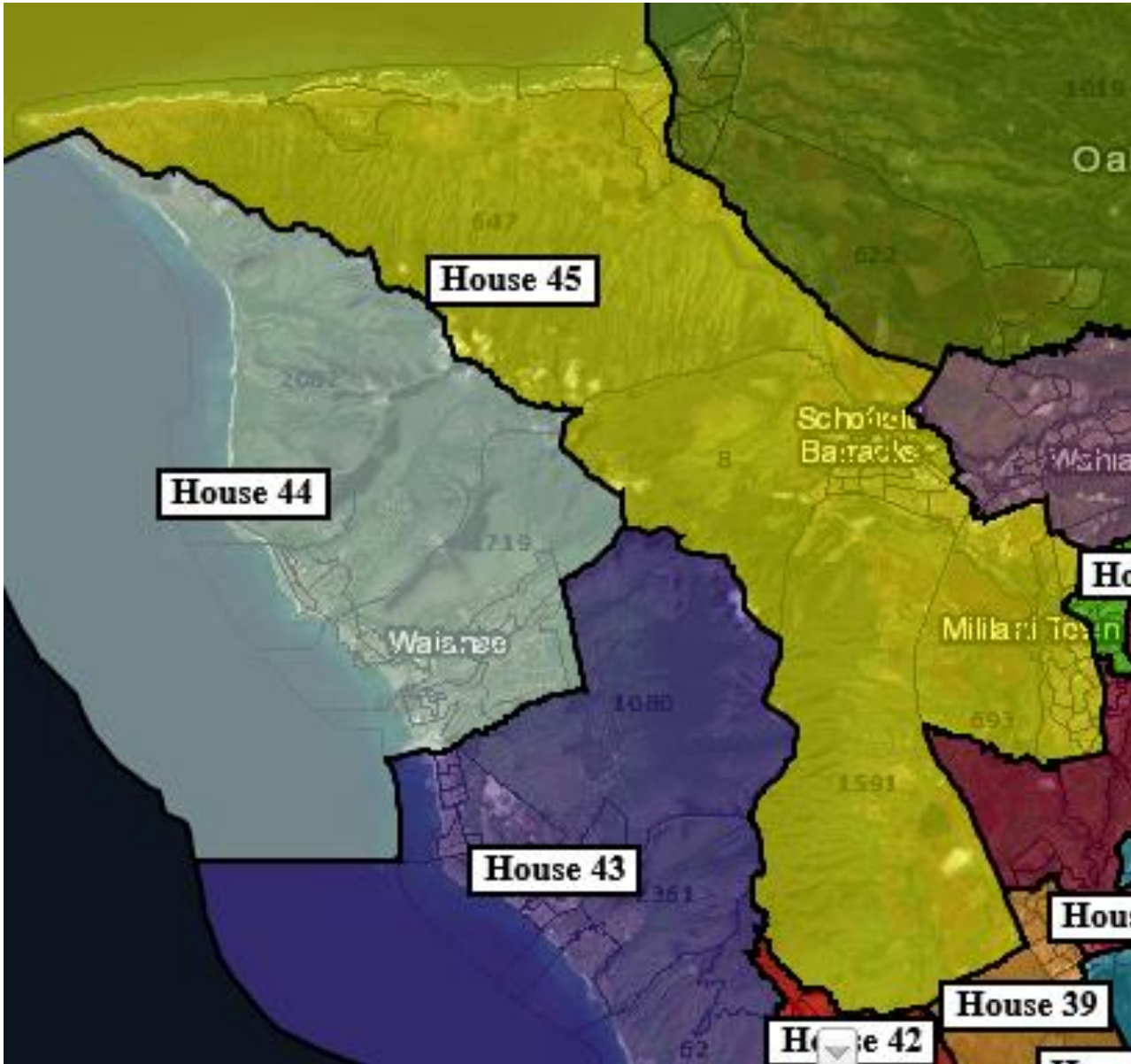
17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 44

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



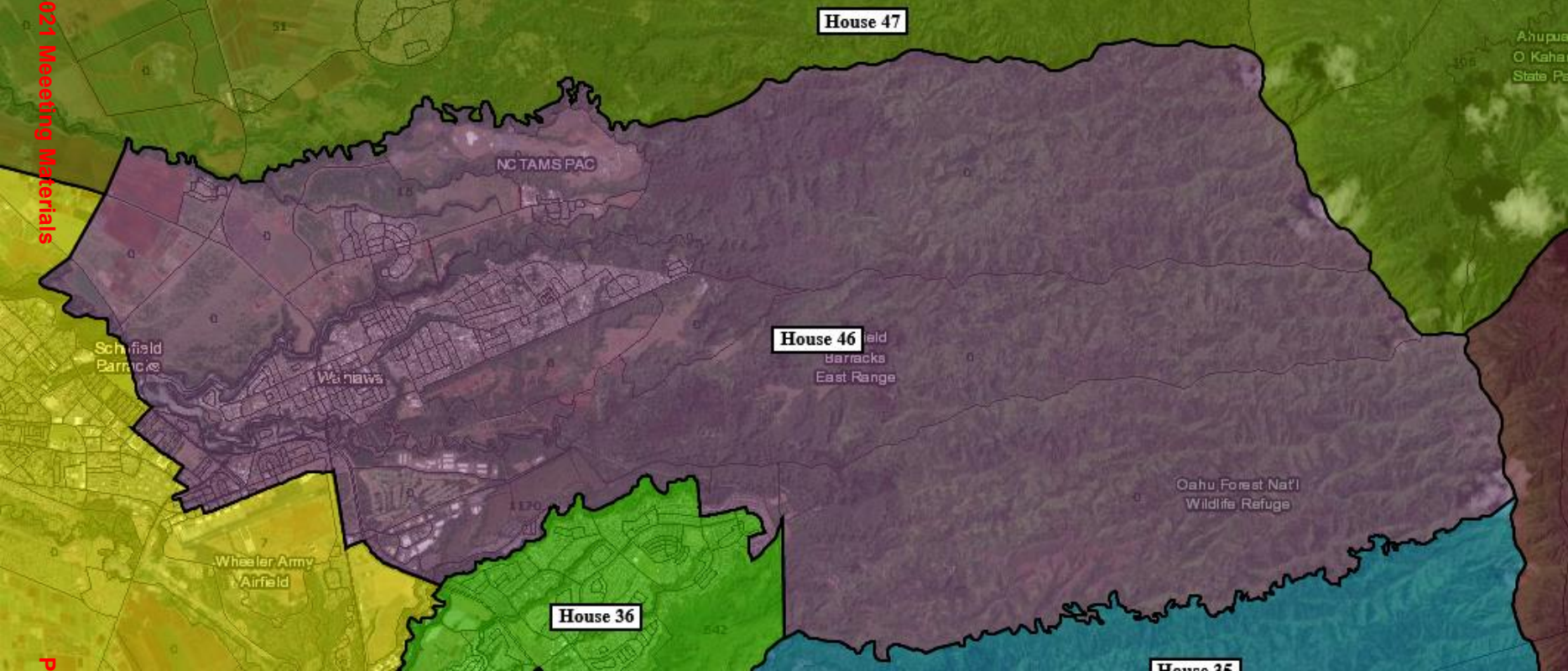
House District 45

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



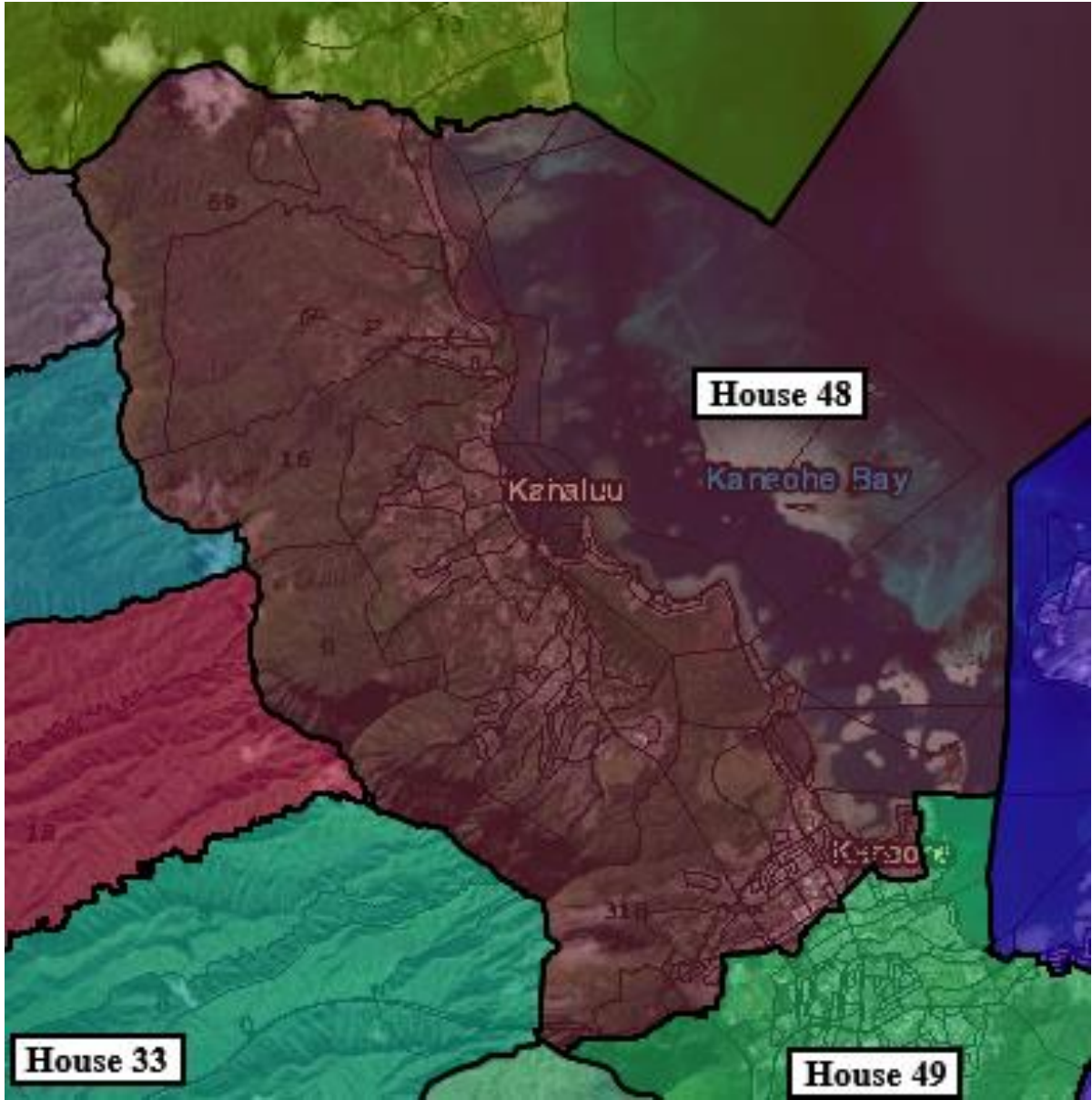
House District 46



Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%

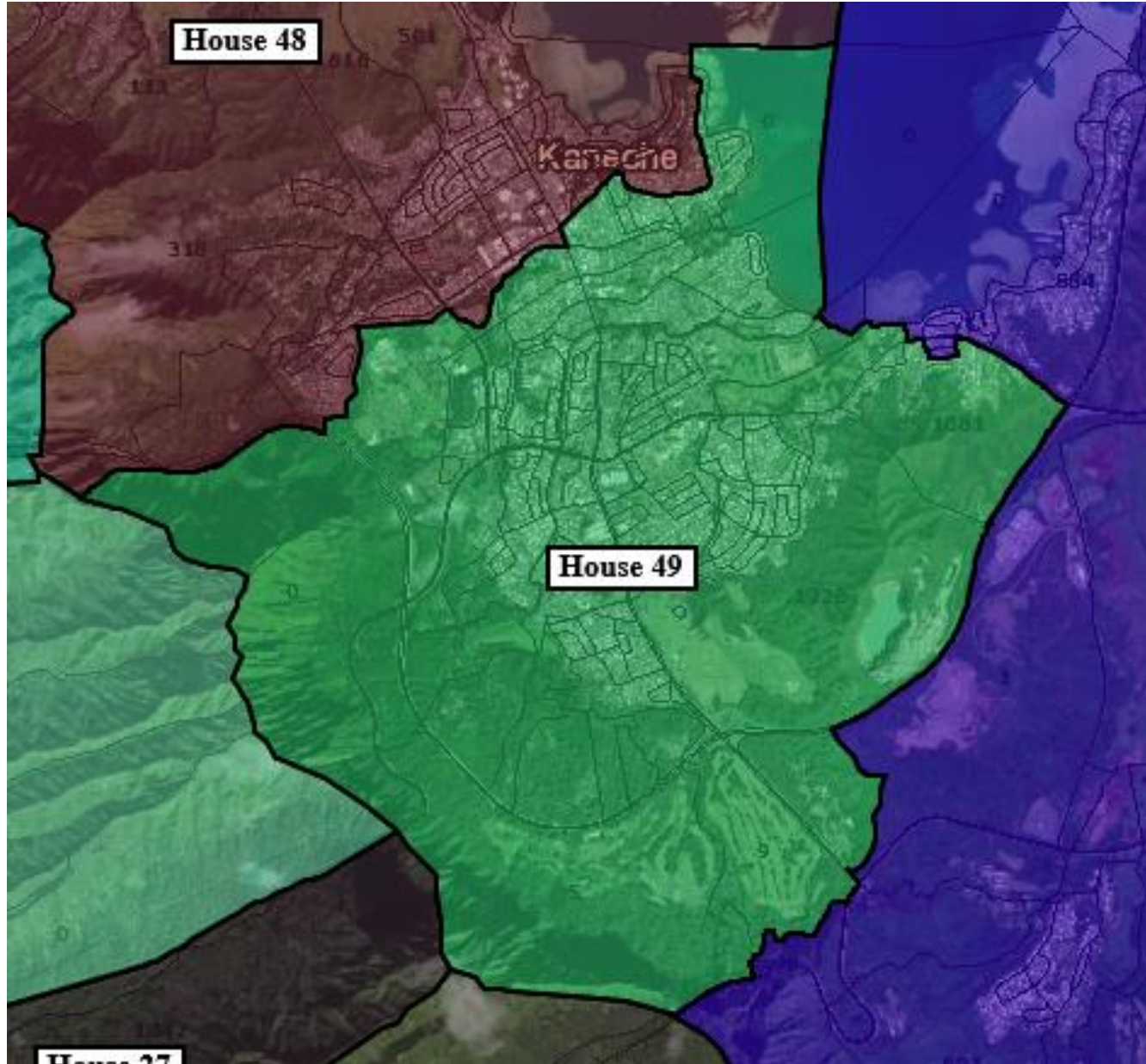
House District 47



House District 48

Bill Hicks' Proposed Districts

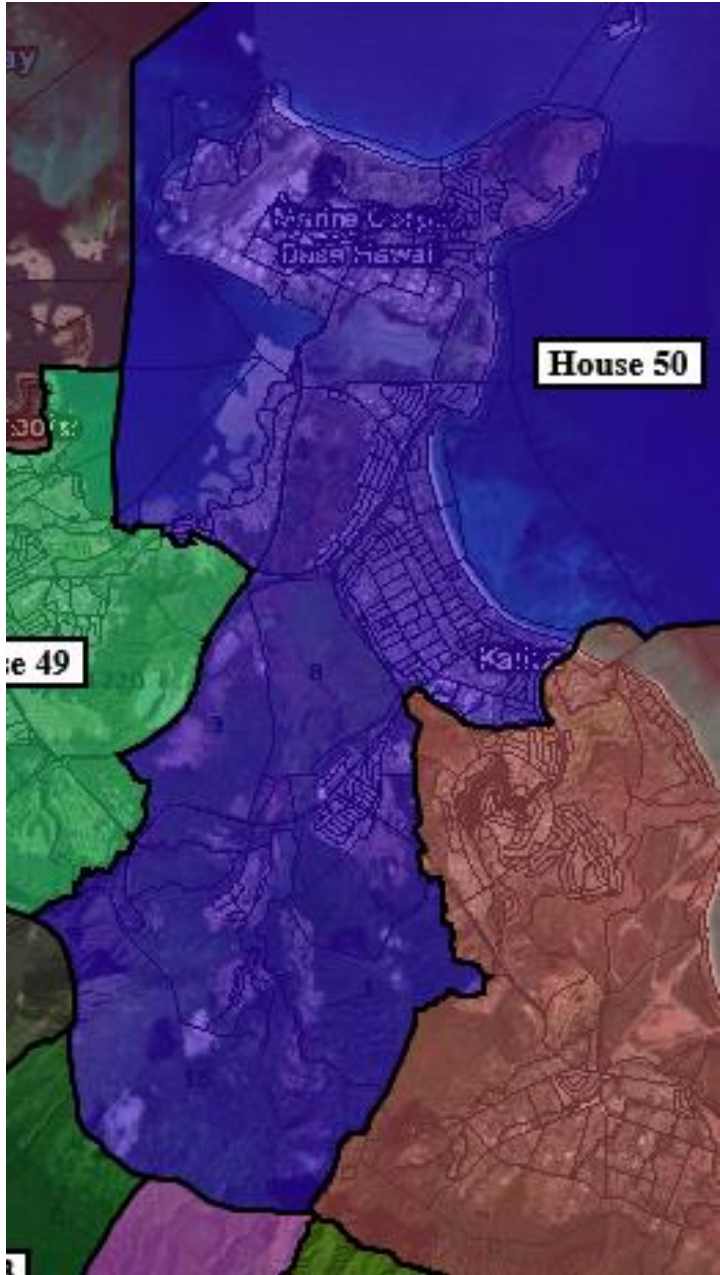
17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 49

Bill Hicks' Proposed Districts

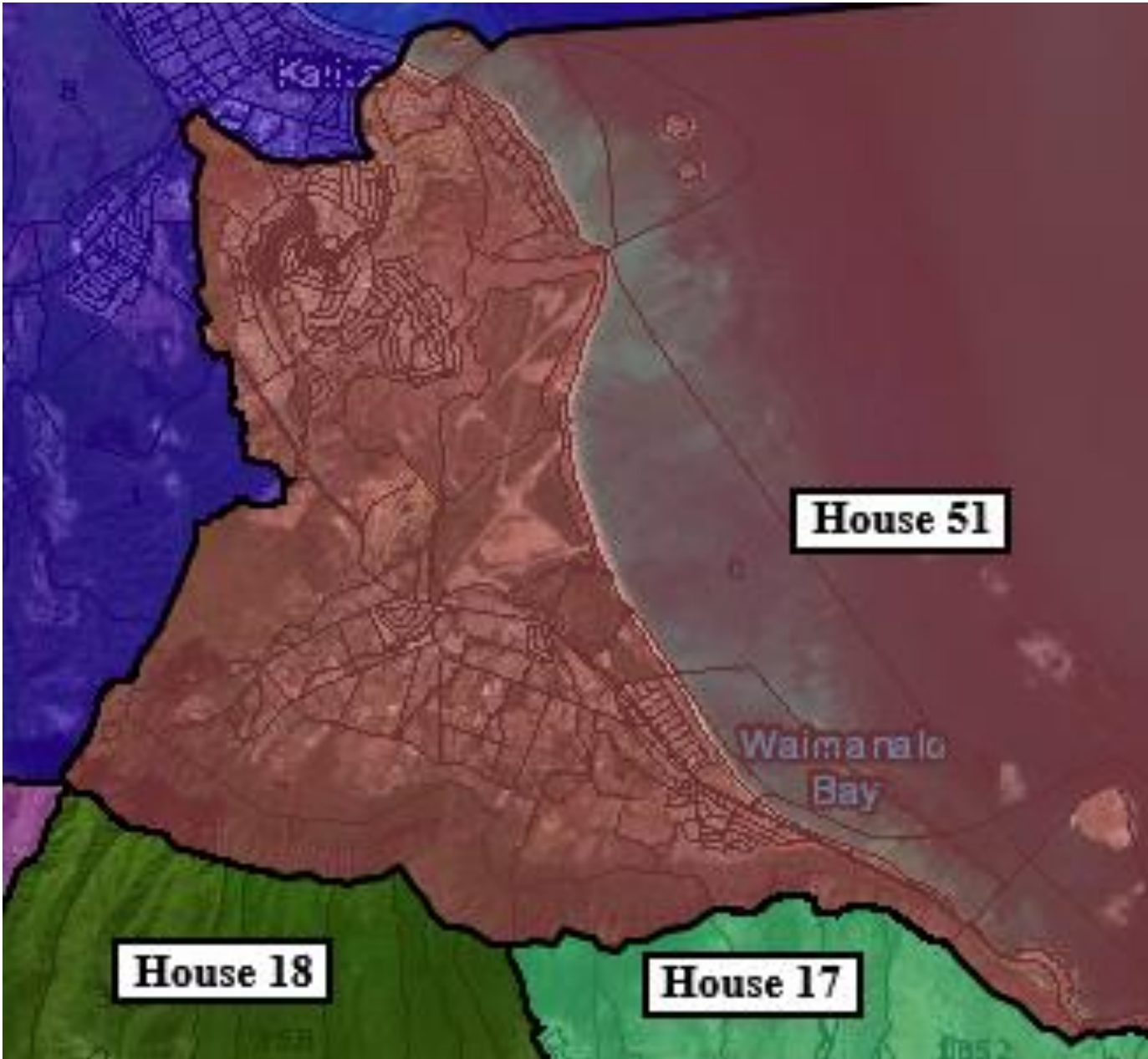
17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 50

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%



House District 51

Bill Hicks' Proposed Districts

17 280	1.04%
18 94	0.35%
19 229	0.85%
20 -263	-0.97%
21 -319	-1.18%
22 -130	-0.48%
23 359	1.33%
24 96	0.36%
25 331	1.22%
26 290	1.07%
27 379	1.40%
28 -228	-0.84%
29 314	1.16%
30 -146	-0.54%
31 44	0.16%
32 38	0.14%
33 9	0.03%
34 129	0.48%
35 -114	-0.42%
36 -48	-0.18%
37 42	0.16%
38 4	0.01%
39 34	0.13%
40 12	0.04%
41 22	0.08%
42 -6	-0.02%
43 135	0.50%
44 115	0.43%
45 -84	-0.31%
46 -274	-1.01%
47 -316	-1.17%
48 -274	-1.01%
49 -225	-0.83%
50 -337	-1.25%
51 -193	-0.71%

From: billhicksknb@gmail.com
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Alternative Oahu Senate Redistricting Proposal
Date: Monday, October 25, 2021 12:17:52 AM
Attachments: [Bill Hicks Oahu Senate Redistricting Proposal.pdf](#)

Aloha Chair Mugiishi and the Reapportionment Commission...

During the State of Hawaii Reapportionment Commission meeting on October 14, 2021 public testimony was received and Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group were presented.

It was pointed out that, unlike the current House Districts 17 & 51 which keep the East Oahu and Windward Oahu communities separate by using Makapu'u Point as a boundary, the current Senate District 25 mixes East Oahu and Windward Oahu neighborhoods.

I constructed a redistricting proposal that uses Makapu'u Point as a boundary to keep East Oahu and Windward Oahu in separate districts.

In the process I discovered the population deviations between all of the Oahu districts could also be significantly reduced.

I followed the rules for compact contiguous districts as much as possible. I used mountain ridges, highways, and streams as district boundaries as much as possible. I kept neighborhoods intact as much as possible.

This plan has better population balance vs. the Commission's technical group proposal:
16 Districts 0 +/- 0.99% (vs. only 3 Districts)
1 District is -1.07%
0 Districts > 1.07% (vs. 14 districts greater than that, up to 3.83 & -4.10)
Total deviation is 2.02% (-1.07% to 0.95%) versus 7.93% (-4.10% to 3.83%)

I only looked at making the districts compact, contiguous, geographically consistent, and as equal in population as possible; there was no political calculus involved. The attached brief has a detailed map for each of the 17 Oahu senate districts I constructed.

I hope this proposal can be used as a starting point for further development by the Commission in not mixing East Oahu and Windward Oahu communities in one district and keeping more communities together. It was submitted and can be found at <https://redistricting.hawaii.esriemcs.com> (Open Plan > Shared Plan > Everyone).

Mahalo nui loa!

Aloha,
Bill Hicks, Kailua

Alternative Oahu Senate Reapportionment Proposal

Bill Hicks

October 24, 2021

During the State of Hawaii Reapportionment Commission meeting on October 14, 2021 public testimony was received and Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group were presented.

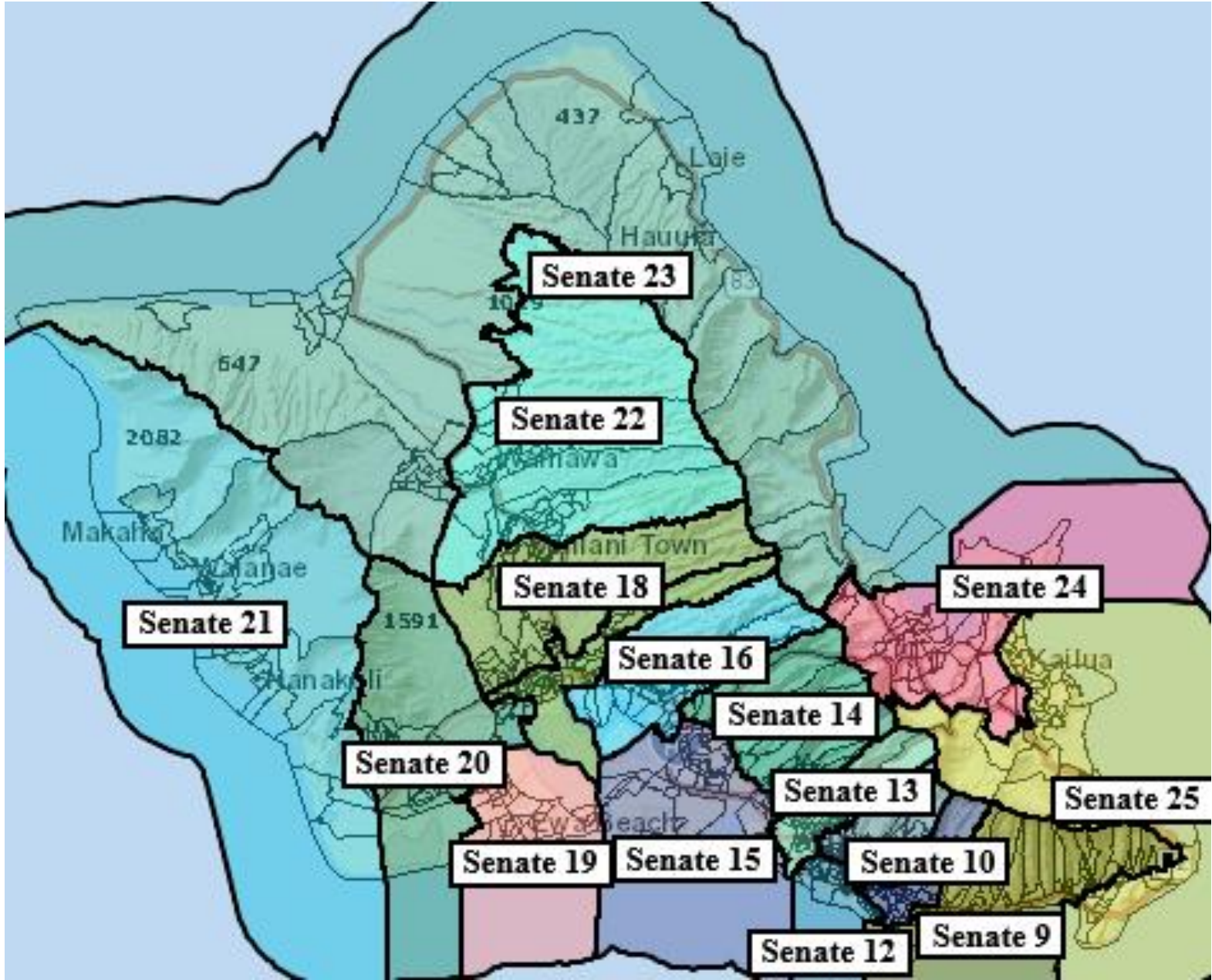
It was pointed out that, unlike the current House Districts 17 & 51 which keep the East Oahu and Windward Oahu communities separate by using Makapu'u Point as a boundary, the current Senate District 25 mixes East Oahu and Windward Oahu neighborhoods.

I constructed a redistricting proposal that keeps the East Oahu and Windward Oahu communities in separate districts once again.

In the process I found the population deviation between the districts could also be significantly reduced (from 7.93% to 2.02%)

I hope this proposal can be used as a starting point for further development. It was submitted and can be found at <https://redistricting.hawaii.esriemcs.com> (Open Plan > Shared Plan > Everyone).

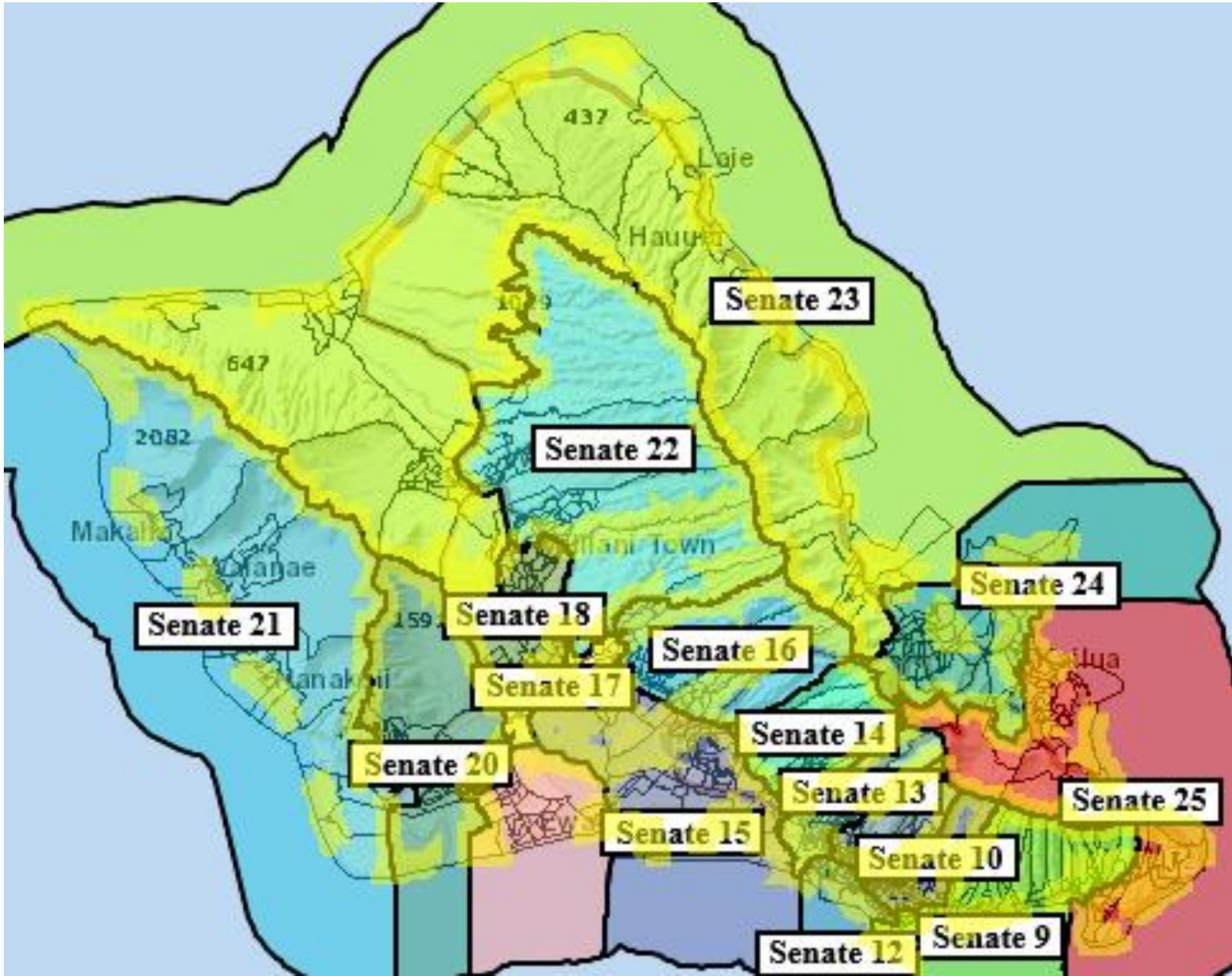
Plan Name	Owner	Description	Created	Last Modified
Bill Hicks' Oahu Senate Redistricting Proposal	Bill75	Unlike the current House Districts 17 & 51 which keep the East Oahu and Windward Oahu communities separate by using Makapu'u Point as a boundary, the current Senate District 25 mixes East Oahu and Windward Oahu neighborhoods. This proposal uses Makapu'u Point as a boundary to not mix East Oahu and Windward Oahu communities. It also balances the population better, with a 2.02% deviation (vs. 7.93% for the TG plan).	2021-10-24 11:53	2021-10-24 11:53



Current Districts

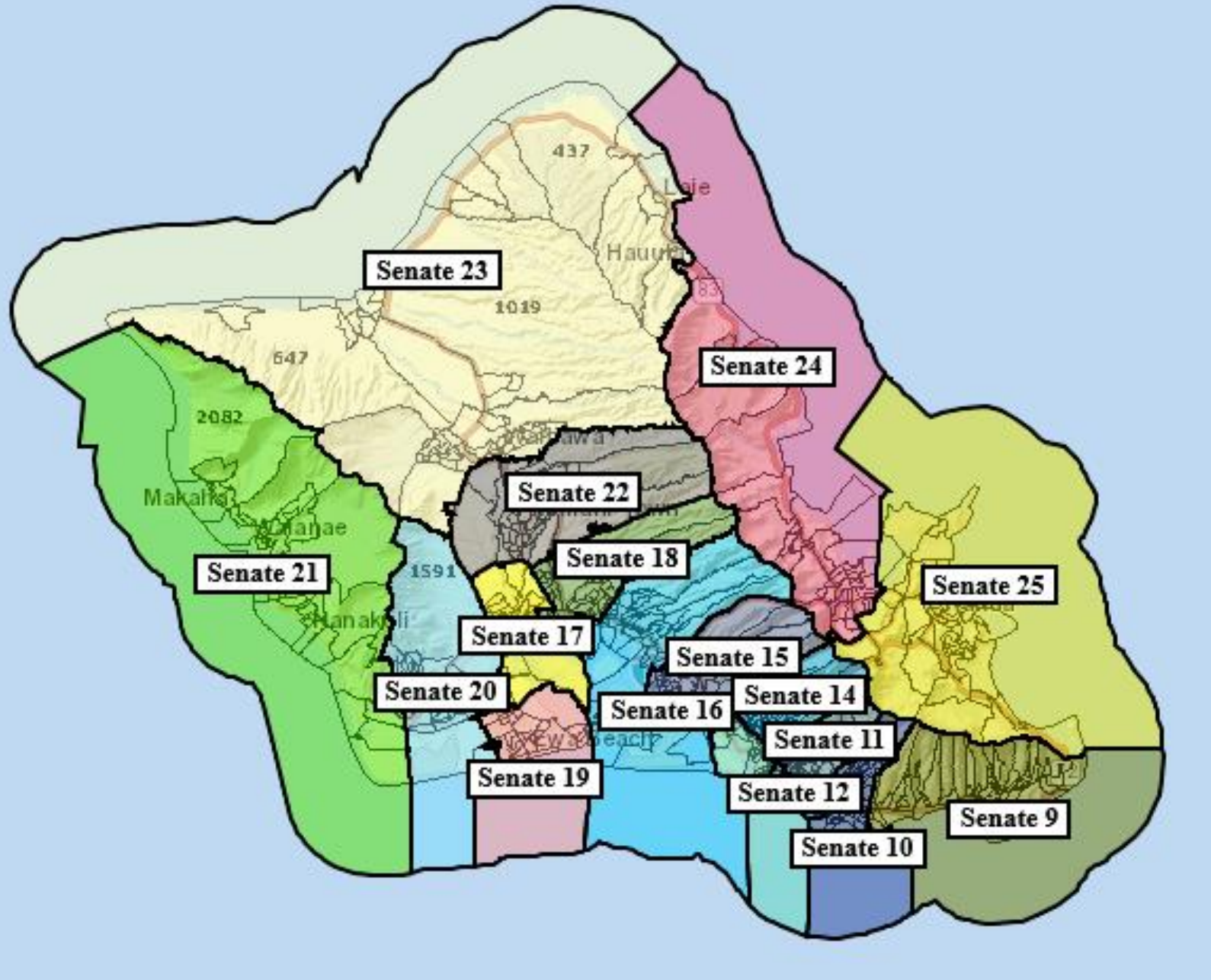
9	-894	-1.61%
10	337	0.61%
11	-2138	-3.84%
12	8541	15.35%
13	-958	-1.72%
14	98	0.18%
15	-3124	-5.61%
16	-3446	-6.19%
17	586	1.05%
18	1220	2.19%
19	7539	13.54%
20	8415	15.12%
21	-594	-1.07%
22	-3590	-6.45%
23	-8552	-15.37%
24	-2909	-5.23%
25	-533	-0.96%

Current Districts



TG Proposed Districts		
9	-1205	-2.17%
10	-827	-1.49%
11	-246	-0.44%
12	-905	-1.63%
13	255	0.46%
14	339	0.61%
15	621	1.12%
16	1273	2.29%
17	1971	3.54%
18	2104	3.78%
19	1593	2.86%
20	2129	3.83%
21	706	1.27%
22	-2070	-3.72%
23	-2284	-4.10%
24	-1815	-3.26%
25	-1644	-2.95%

Technical Group Proposal



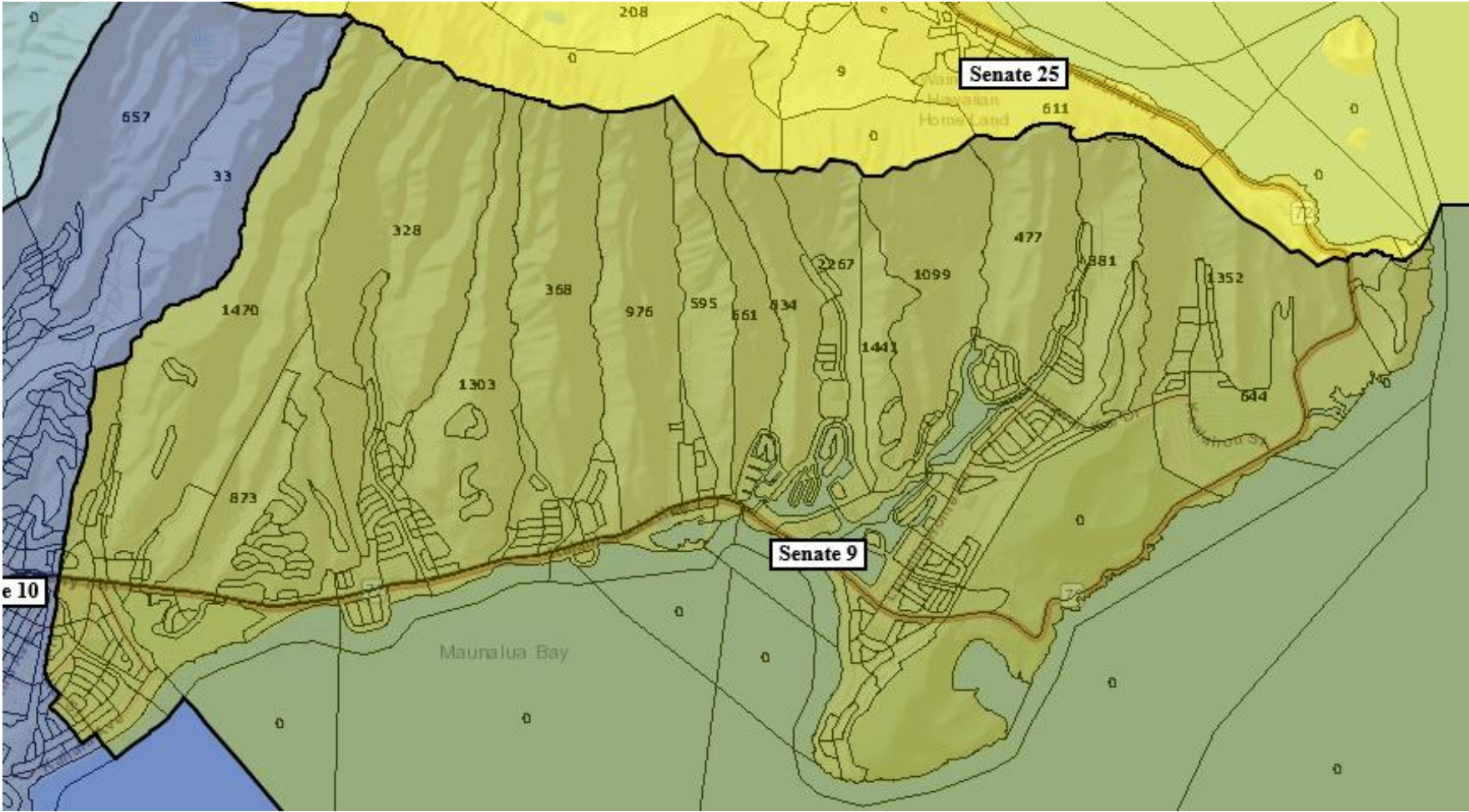
Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

Bill Hicks Proposal

Better Population Balance and Keeping East Oahu and Windward Oahu in Separate Districts

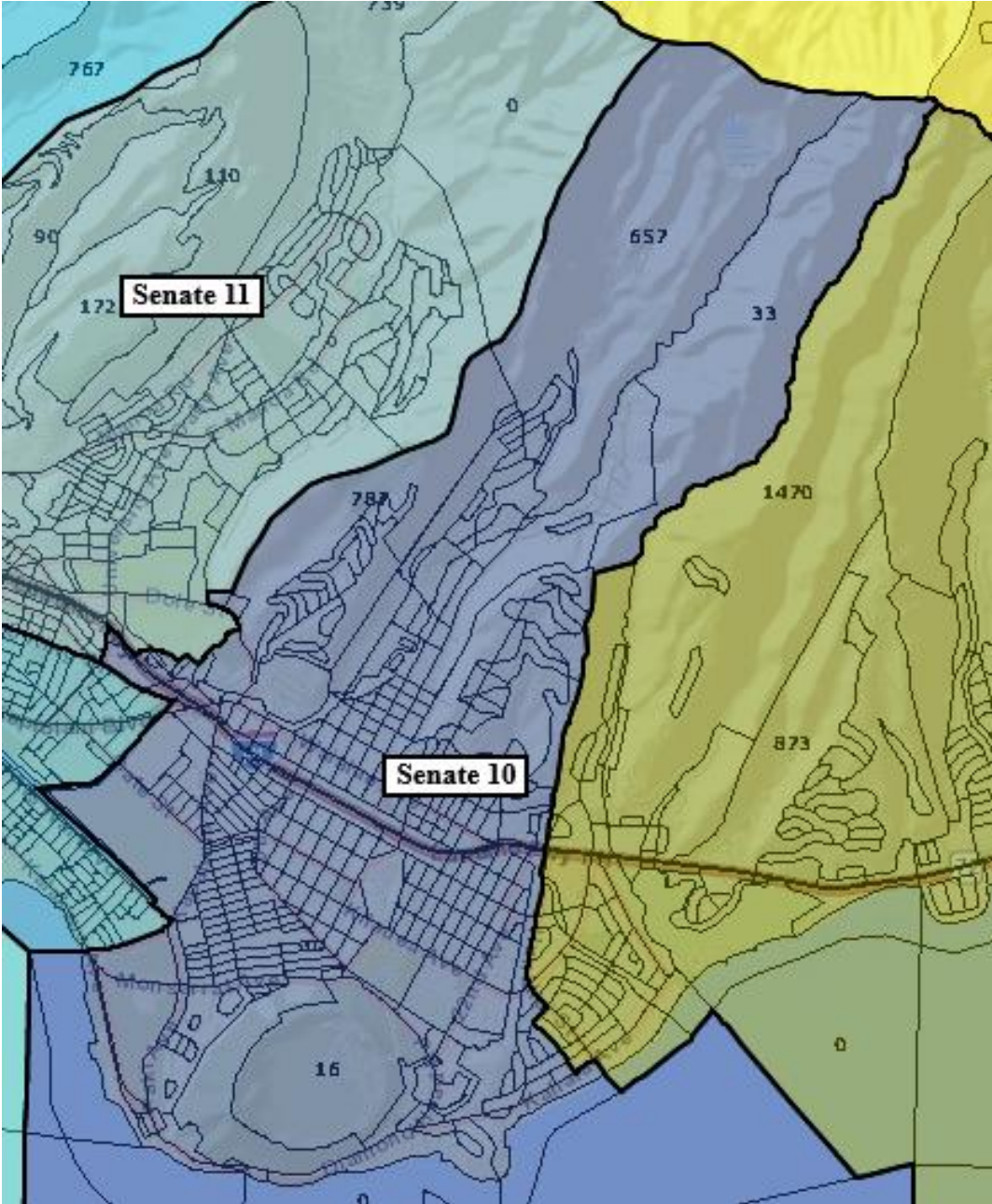
- This plan uses mountain ridges, highways, and streams as district boundaries as much as possible
- This plan uses Makapu'u Point as a boundary to keep East Oahu and Windward Oahu in separate districts
- This plan has better population balance than the TG plan
 - 16 Districts 0 +/- .99% (vs. only 3 Districts)
 - 1 District is -1.07%
 - 0 Districts > 1.07% (vs. 14 districts greater than that, up to 3.83 & -4.10)
 - Total deviation is 2.02% (-1.07% to 0.95%) versus 7.93% (-4.10% to 3.83%)



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

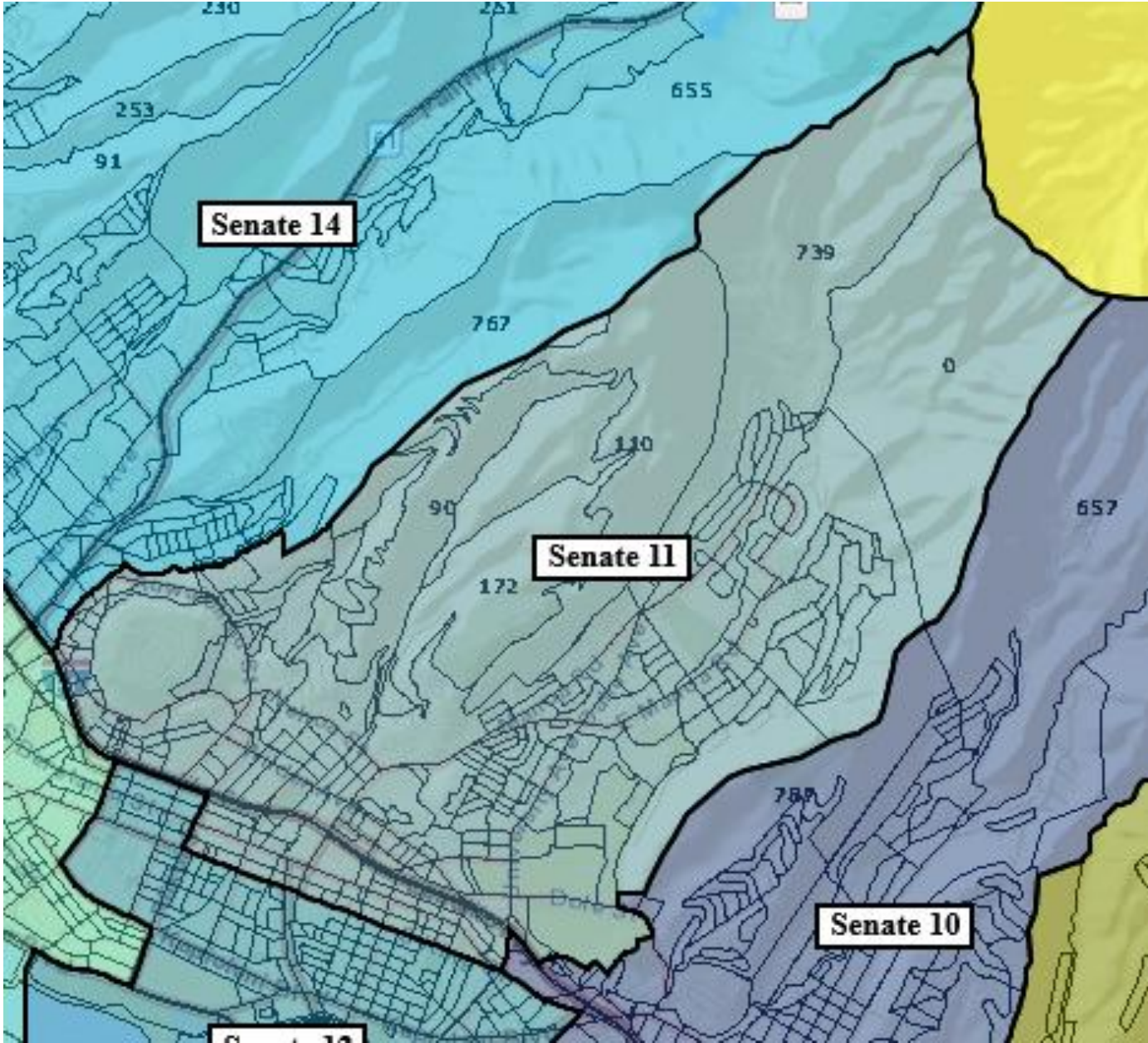
Senate District 9



Senate District 10

Bill Hicks' Proposed Districts

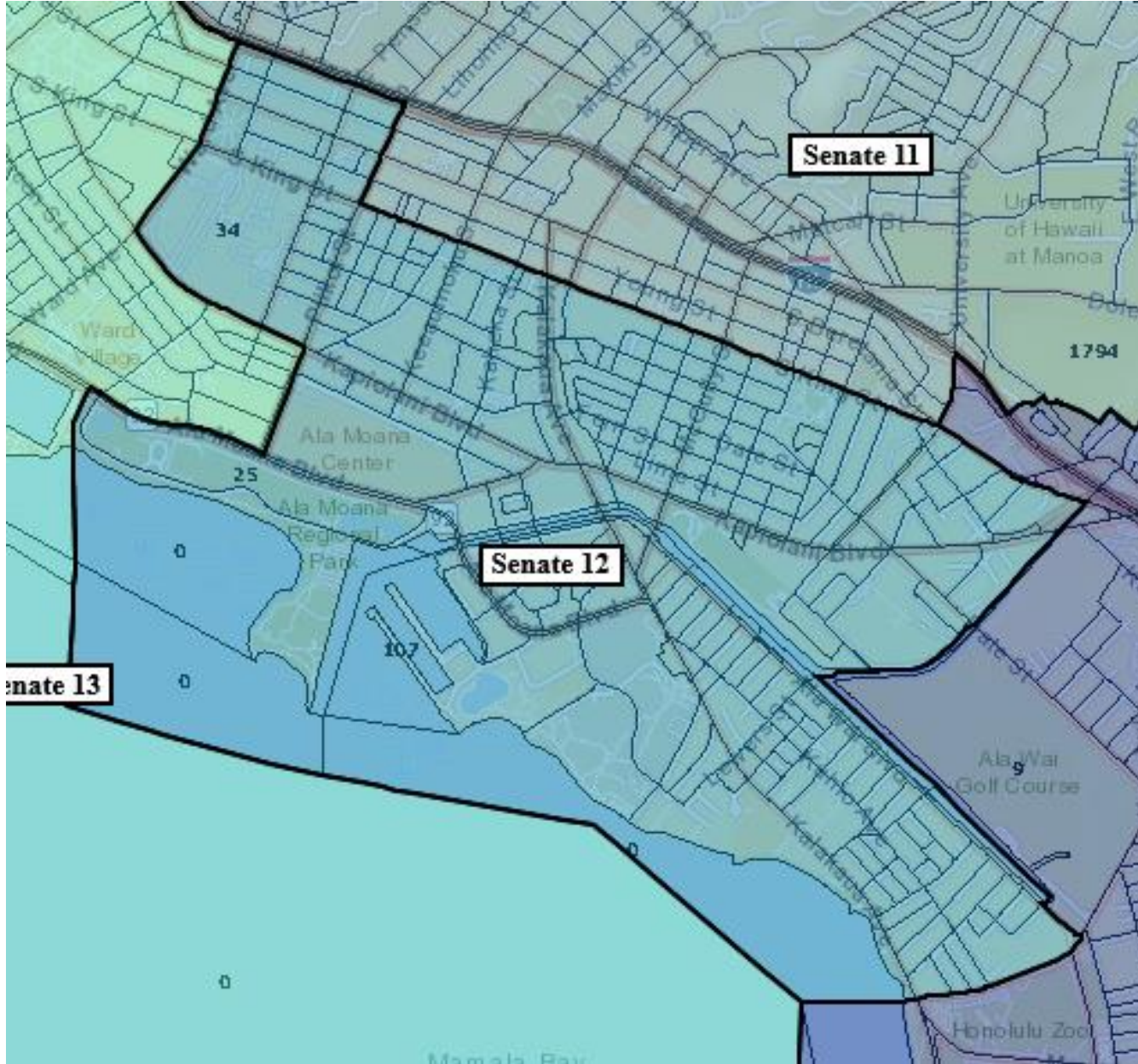
9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	- 30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	- 99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

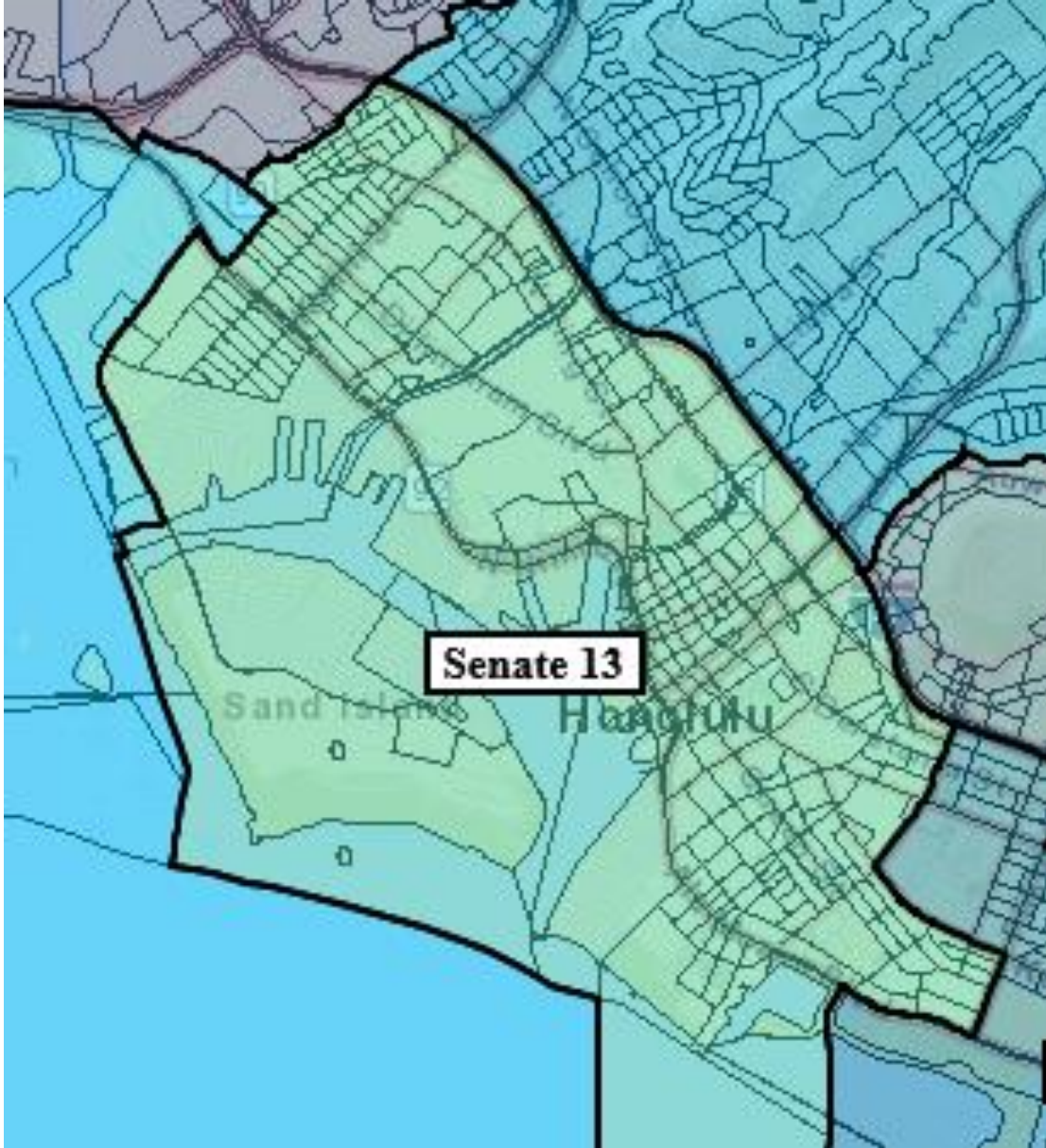
Senate District 11



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

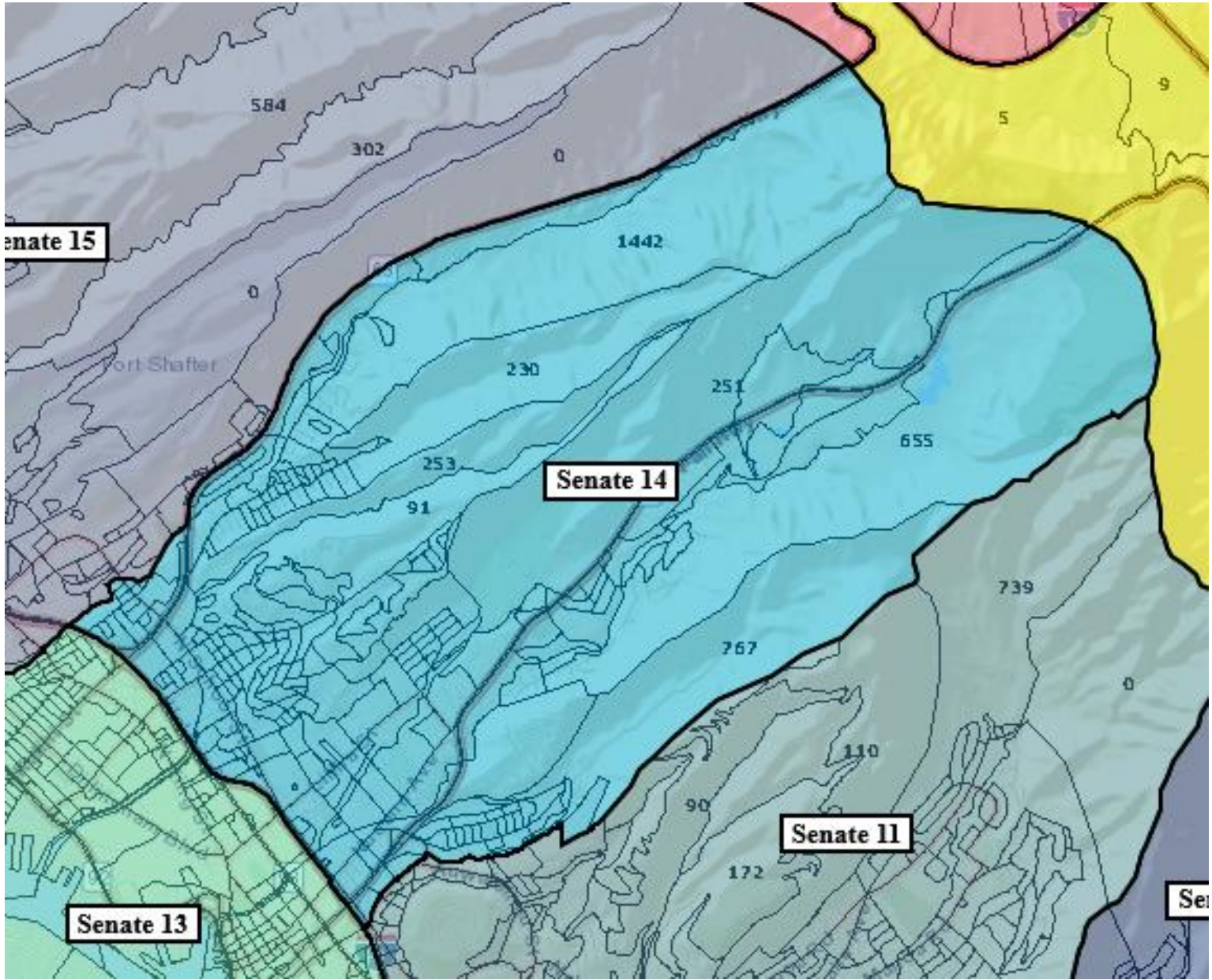
Senate District 12



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

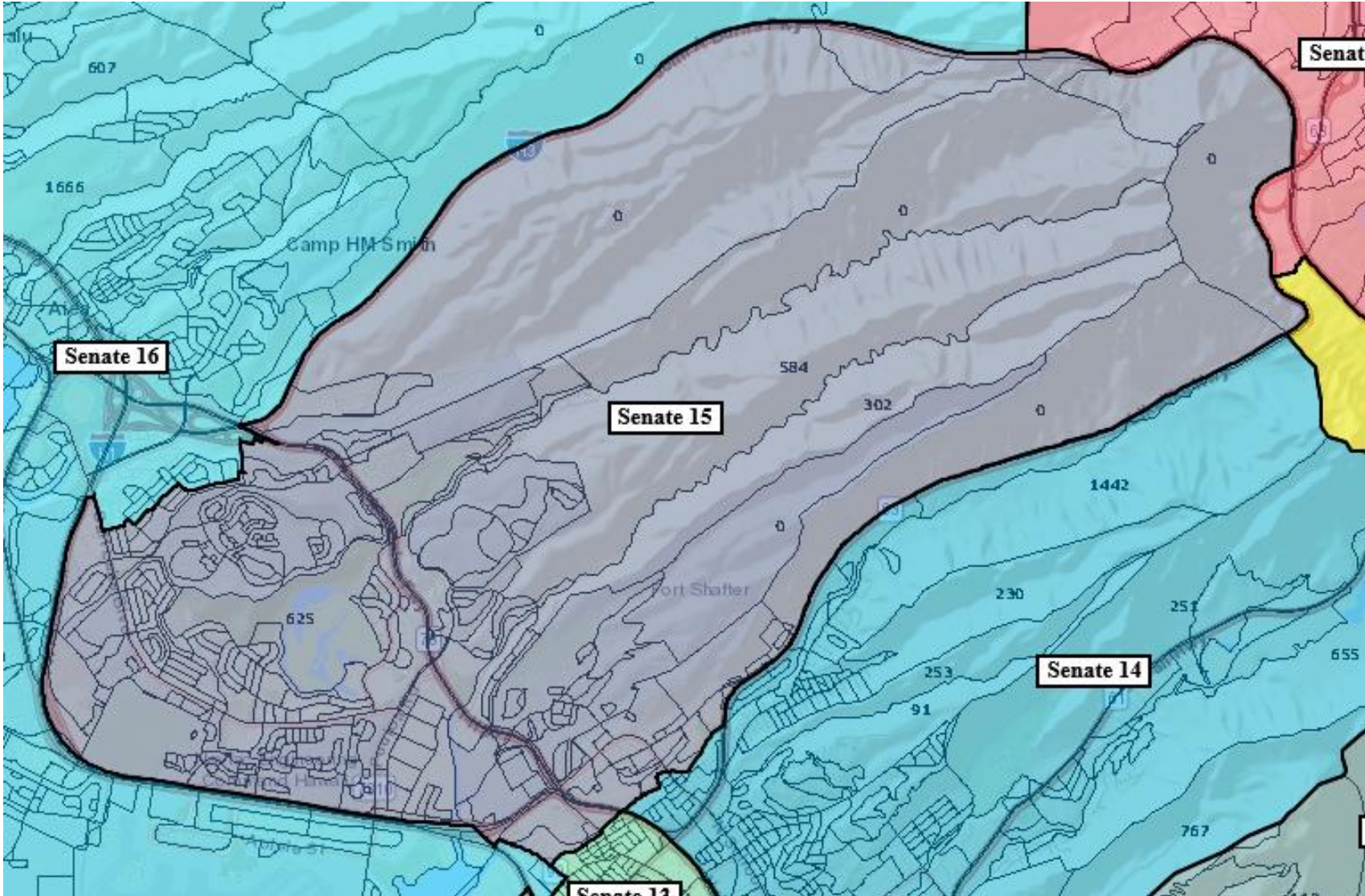
Senate District 13



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

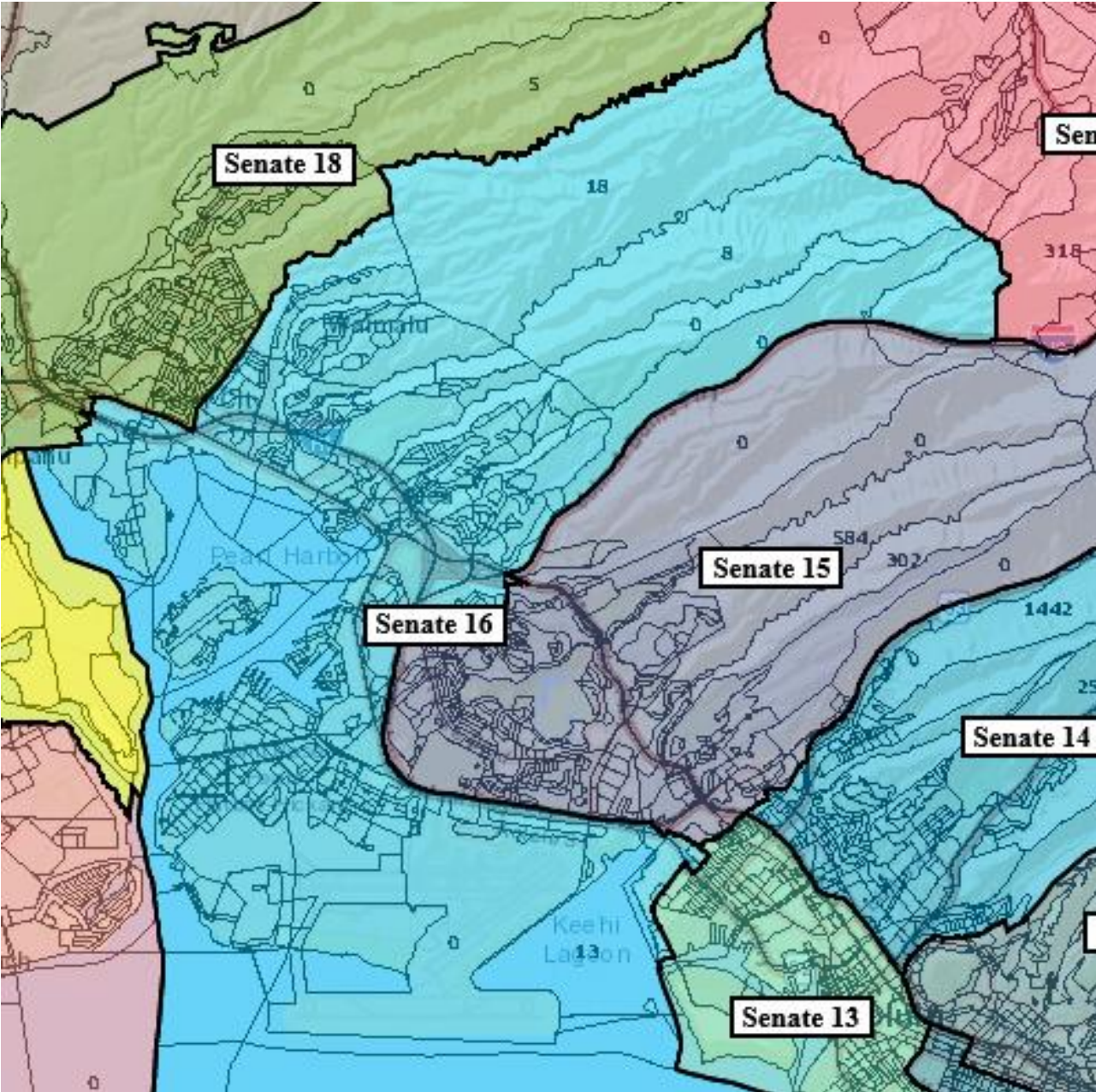
Senate District 14



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

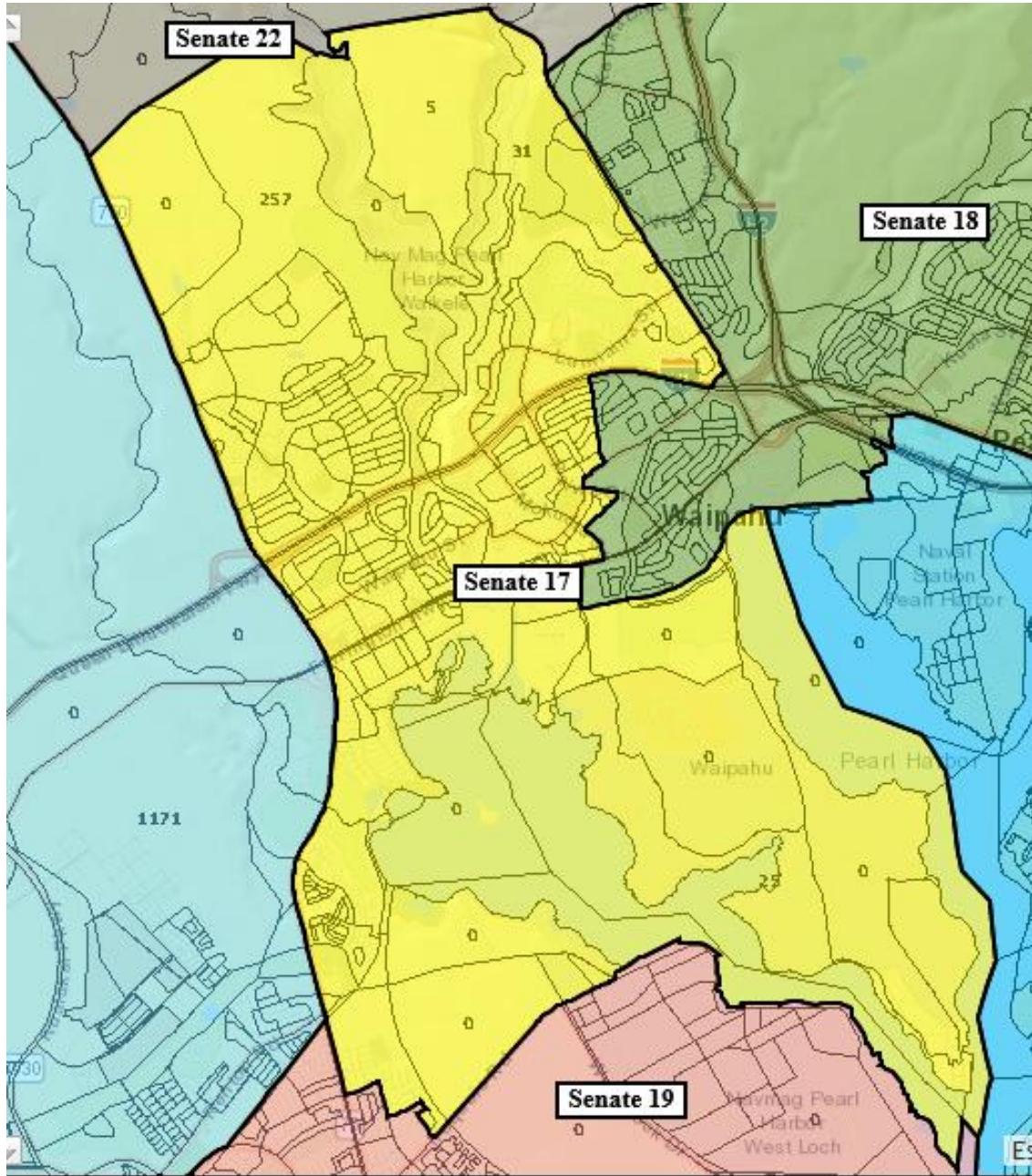
Senate District 15



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

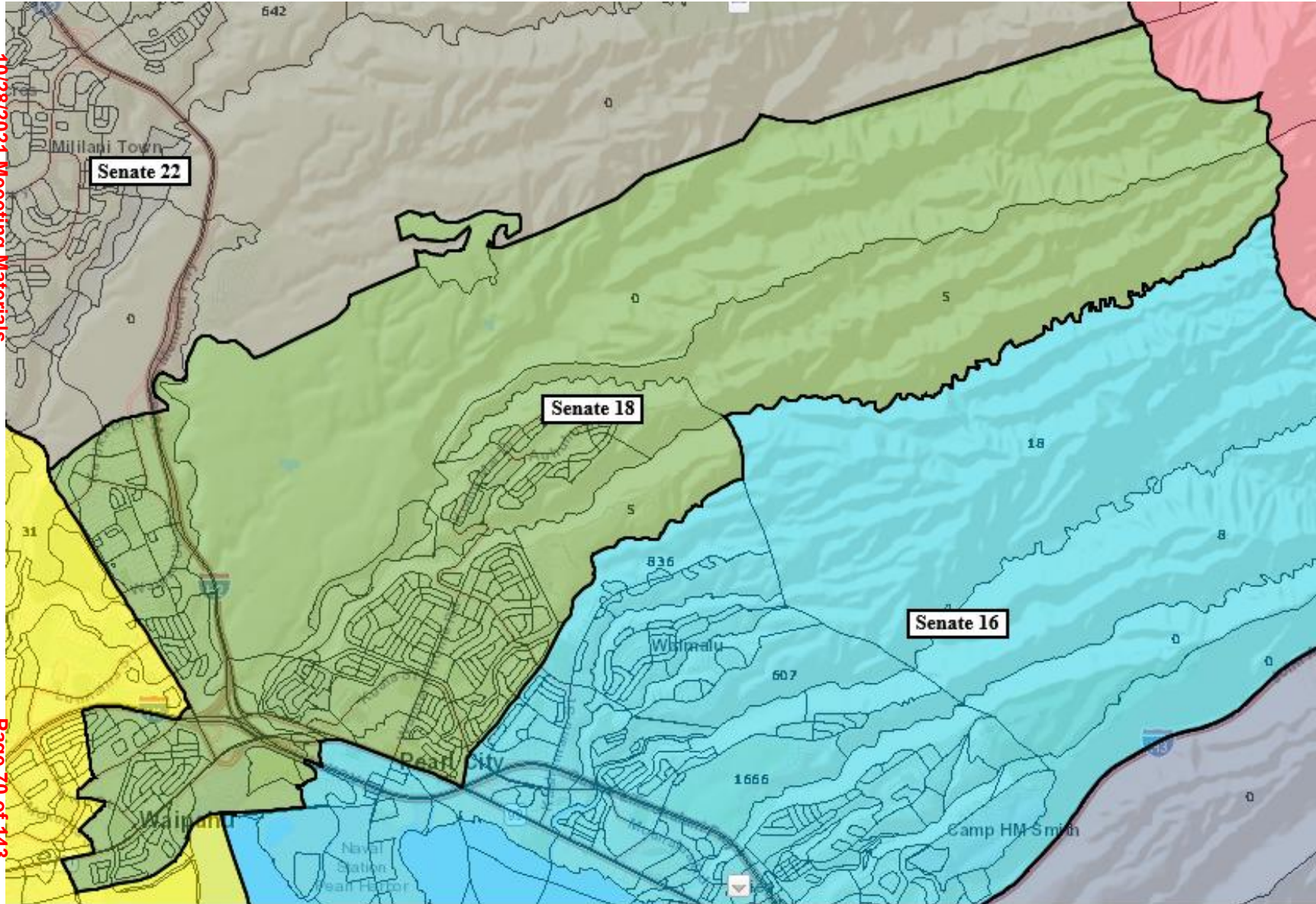
Senate District 16



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

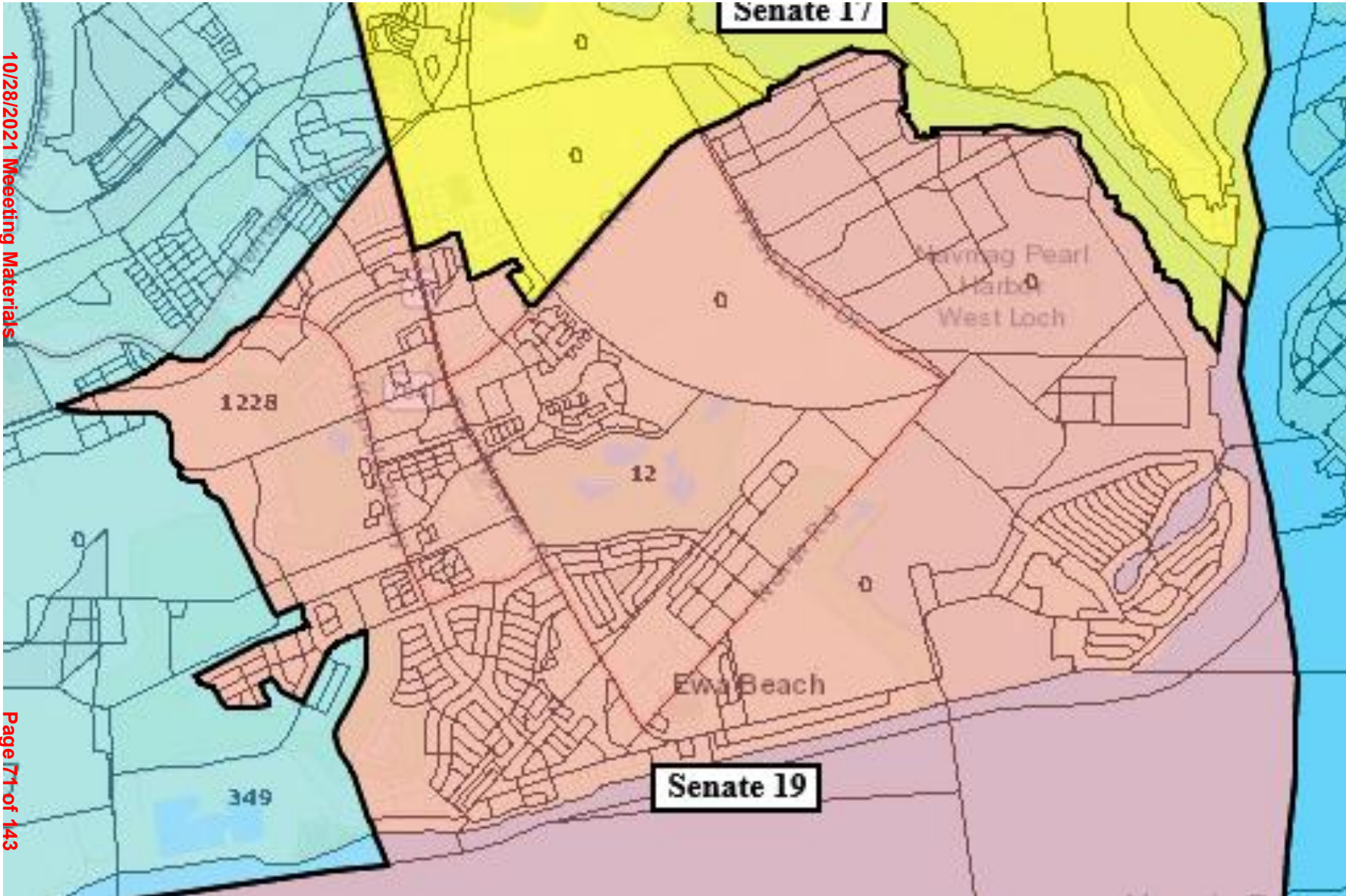
Senate District 17



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

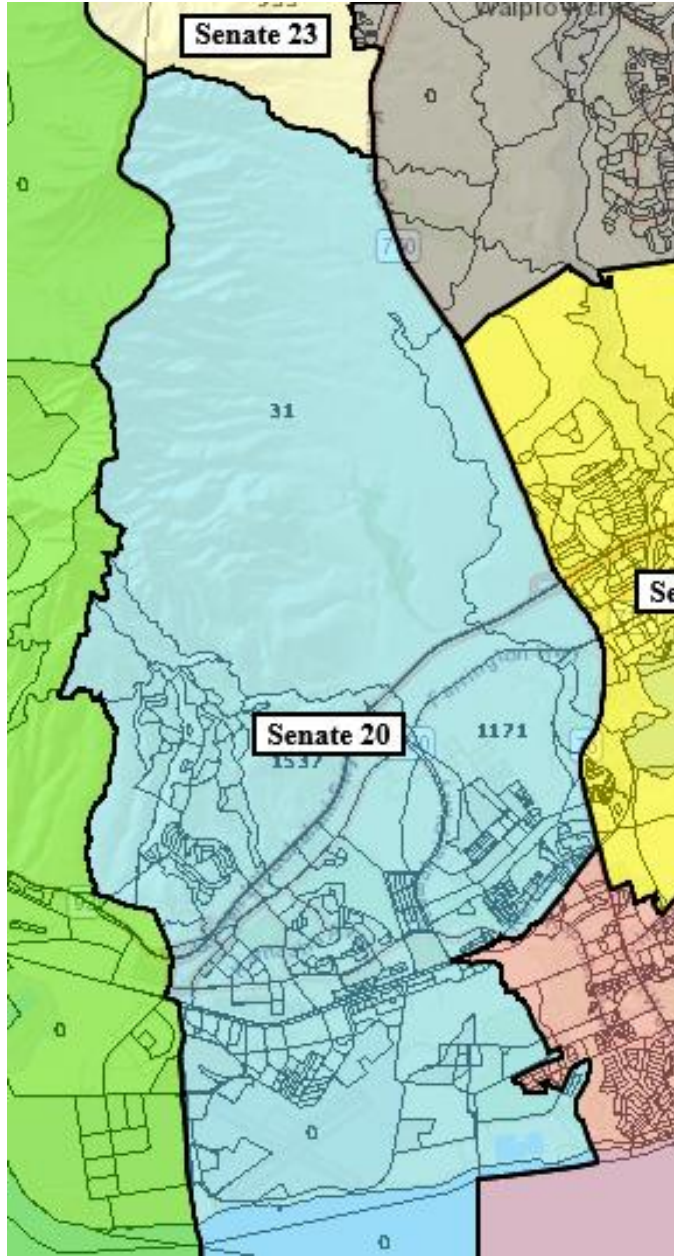
Senate District 18



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

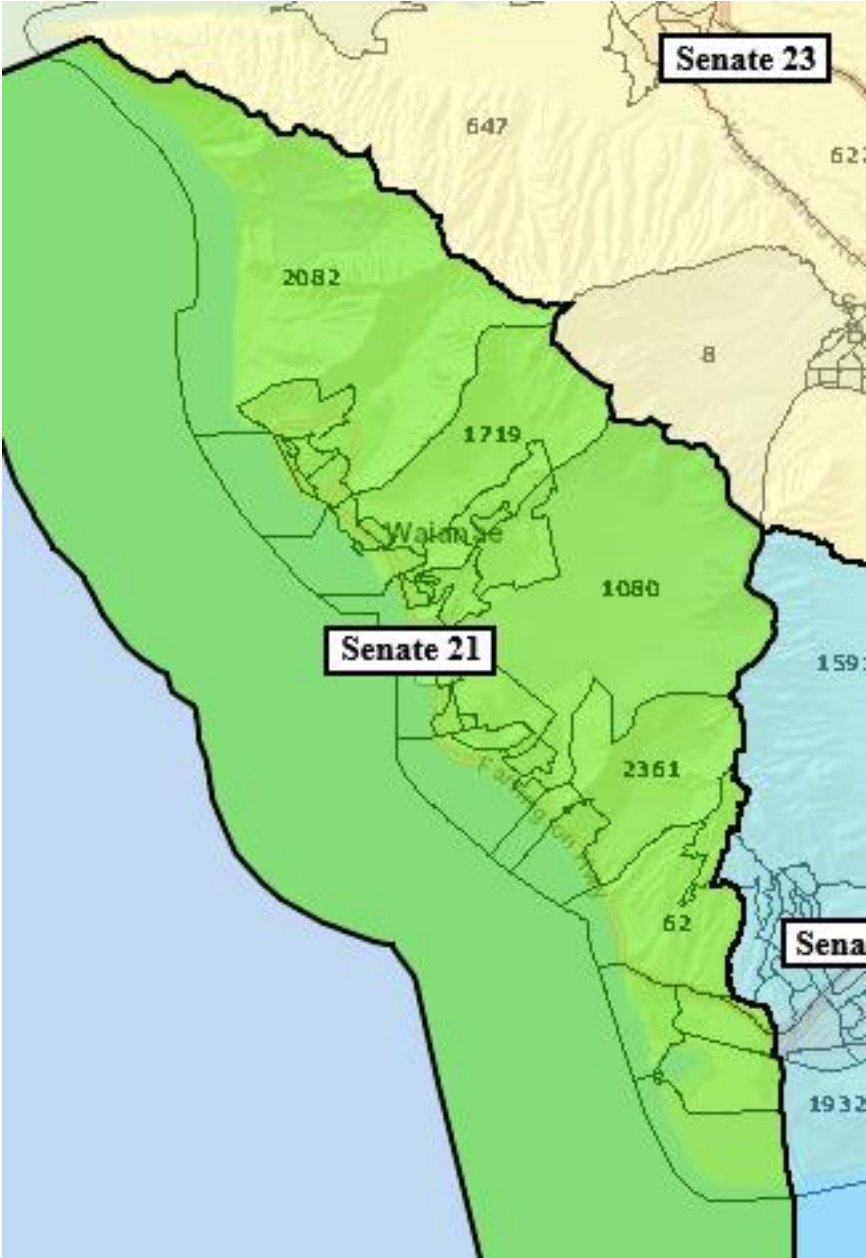
Senate District 19



Senate District 20

Bill Hicks' Proposed Districts

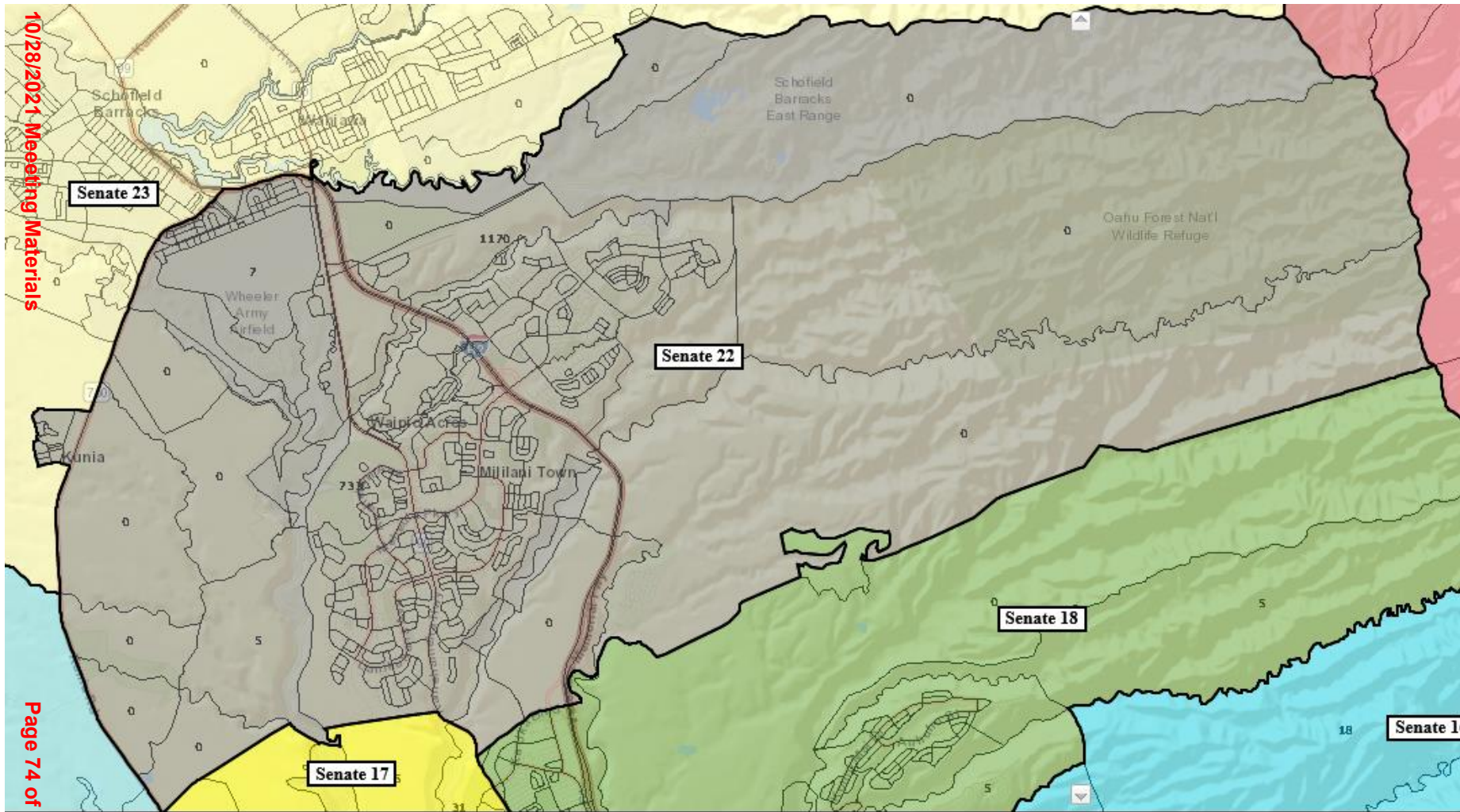
9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%



Senate District 21

Bill Hicks' Proposed Districts

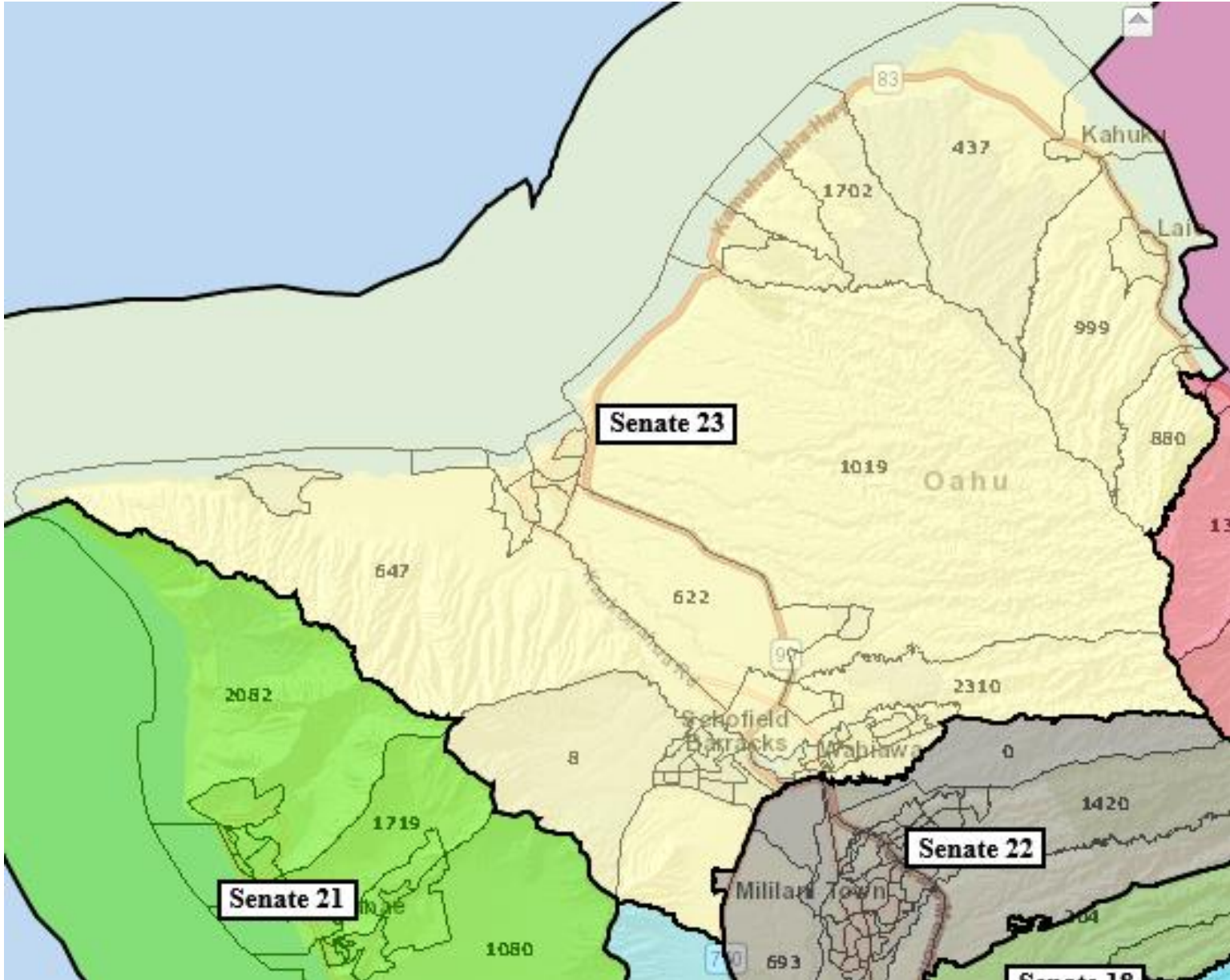
9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

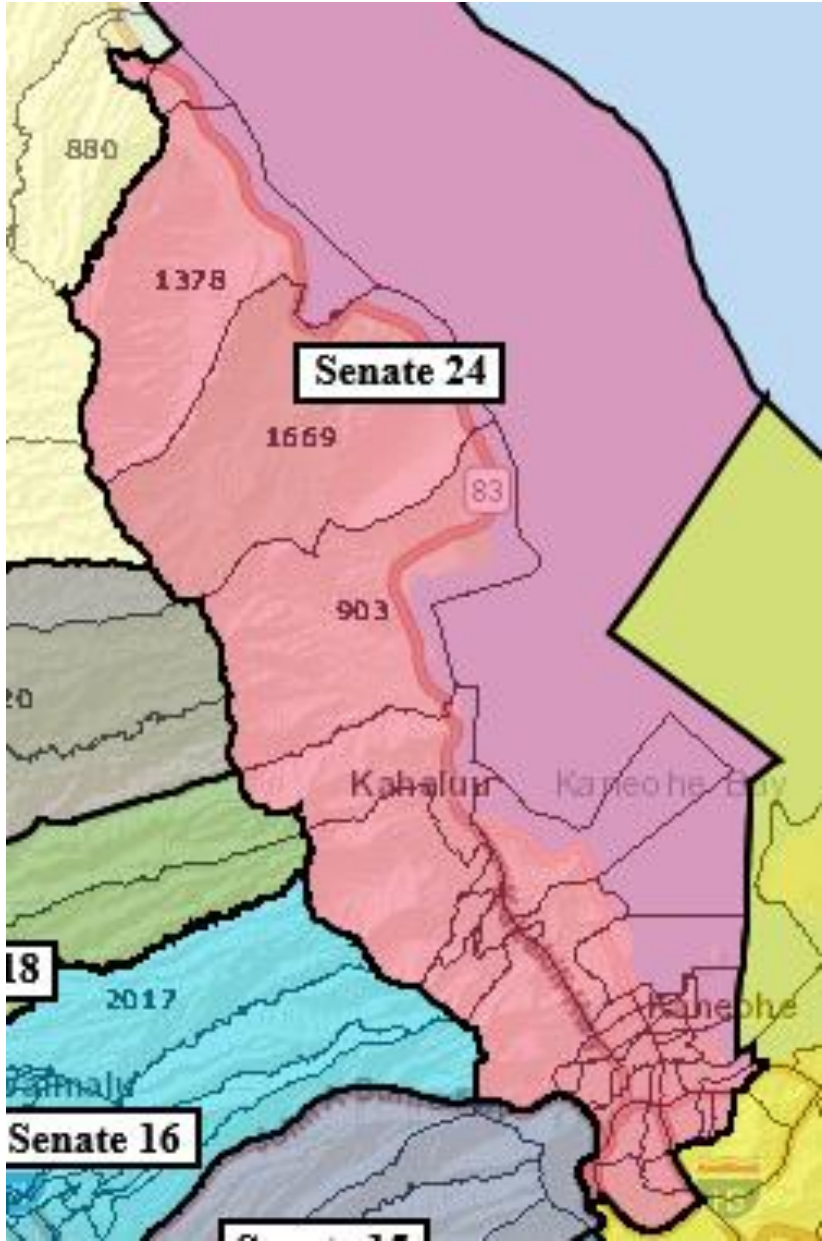
Senate District 22



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

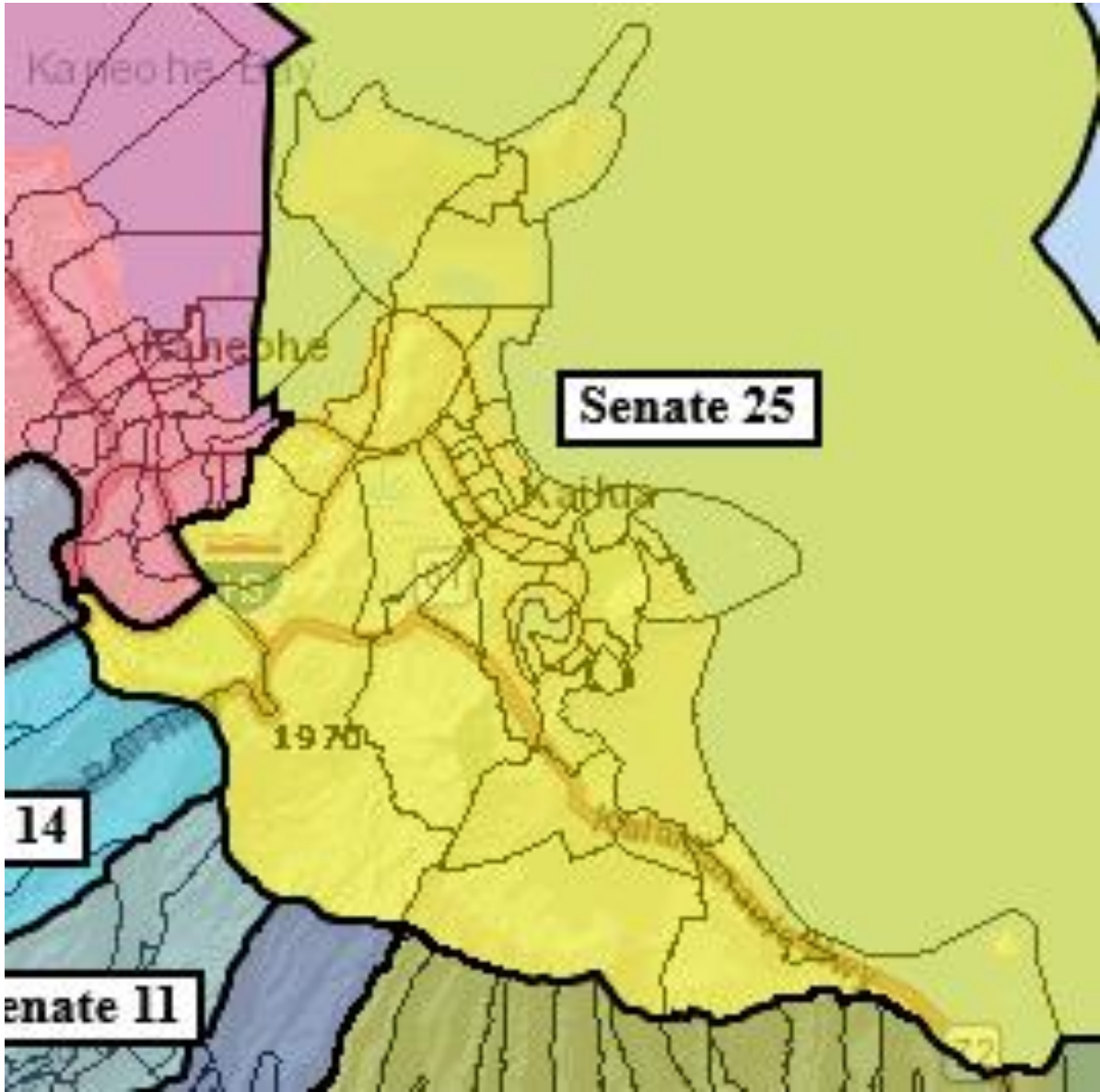
Senate District 23



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

Senate District 24



Bill Hicks' Proposed Districts

9	-231	-0.42%
10	337	0.61%
11	-30	-0.05%
12	529	0.95%
13	-545	-0.98%
14	225	0.40%
15	53	0.10%
16	281	0.51%
17	-198	-0.36%
18	-99	-0.18%
19	-348	-0.63%
20	95	0.17%
21	-594	-1.07%
22	-204	-0.37%
23	472	0.85%
24	-184	-0.33%
25	436	0.78%

Senate District 25

From: [Fuji, Bonnie](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] What is the purpose?
Date: Saturday, October 23, 2021 2:24:34 PM

Why is this "reapportionment" happening now?
For what purpose?
To promote whose agenda?
How would this support the citizens?
Whatever happened to following the ahupua'a?

I see no good reason, or explanation, for this strange proposition.

And most citizens seem to be against it.

Mahalo.

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From: [Mary DIZON](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Manoa Valley
Date: Sunday, October 24, 2021 2:08:41 PM

Please do not divide Manoa Valley into two districts. Pay attention to the testimony being given by residents and have respect respect for us.

Thank you, M. Dizon
2112 Hunnewell St
Manoa Valley

From: [Thal. Manoa](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Testimony for 28th Reapportionment Commission meeting, 10/28/21
Date: Sunday, October 24, 2021 3:30:41 PM

To Attention of: Reapportionment Commission

Let it be known that I am a long-time Manoa resident who is strongly OPPOSED to the current 10/14/21 RC Technical Group Draft Plan for the district reapportionment of Manoa Valley.

I SUPPORT the alternative plan by Bill Hicks, Kailua Neighborhood Board Chair, submitted on 10/22/21. The Hicks Plan will keep Mānoa as one unified State House District within the natural borders of our valley, as well as resolve the equally important concerns of the Kailua, Waimanalo and Hawai'i Kai communities.

Sincere regards,
Thalya DeMott
Manoa Valley
808-284-3966

From: [Wendy Lagareta](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Keep Manoa as One
Date: Sunday, October 24, 2021 4:45:51 PM

Aloha,

I am against reapportionment of Manoa Valley for the following reasons,

- We live in a valley with natural, geographic borders of the mountains.
- We share the infrastructure in our community.
- We have been one, historic ahupua'a for centuries.
- We are a thriving community with ongoing partnerships between our local organizations.
- We have one, central marketplace that serves as a hub of economic activity

Please DO NOT change our district .

Mahalo, Wendy Lagareta
Manoa Valley Resident for 30 years

From: [Anne](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Keep Manoa as One District.
Date: Sunday, October 24, 2021 4:46:00 PM

I am writing to OPPOSE the 10/14/21 Draft prepared by the Reapportionment Commission's "technical group." Instead, please offer support for the Alternative Plan that was created and submitted by Bill Hicks, the Kailua Neighborhood Board Chair, on 10/22/21. The "Hicks' Plan" will keep Mānoa as one, unified State House District within the natural borders of our valley, as well as resolve the equally important concerns of the Kailua, Waimanalo and Hawai'i Kai communities.

Oppose the Current R. C. Technical Group Draft Plan that divides Mānoa into two new districts, #20 & 24:



Support the Alternative Plan by Kailua NB Chair Bill Hicks that keeps Mānoa as one district:



Mahalo for your consideration, time and effort!

Anne Tam
2939 East Manoa Rd.
Honolulu, Hi.
808:988-9252

From: [Allyn Bromley](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Manoa Valley proposal
Date: Sunday, October 24, 2021 6:07:56 PM

Dear Members of the Committee for reestablishing boundaries in Manoa,

I have been a resident in Manoa since 1975. I've taken pride in membership of our valley's social organizations, Malama Manoa, Hawaii Heritage Center, a successful halt against power lines over Waahila Ridge, reconfiguring parking at our shopping center, and other activities which have made me appreciate having a meaningful voice in local affairs. It seems to work so well as it is now, great comraderie, and an enthusiastic and dedicated neighborhood board, why change that?

I thank you for letting me express my OPPOSITION to reapportionment .

Aloha,

Allyn Bromley
2207 Mohala Way,
Honolulu 96822
808 754-0166
Sent from my iPhone

From: [Barnaby Beech](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] I do not approve of the reapportionment plan
Date: Sunday, October 24, 2021 8:23:37 PM

As a long time and current Manoa resident, I present my strong disapproval of reapportioning Manoa Valley to include the Makiki, Palolo and Kaimuki districts. Historically, Manoa Valley has represented an oasis of cultural and geographic significance that stretches back to the pre-contact Hawaiian era.

To let Manoa Valley be subject to re-apportionment allowing monster houses, gratuitous dwellings and obtrusive power transmission lines to permanently mar the landscape would change the character of this historic area, while offering only a slight respite from the problems of overcrowding it seeks to address.

I support Bill Hicks' plan for re-apportionment, which preserves the natural borders of Manoa Valley and its longtime cultural and historic significance.

Thank you

BB

From: [Winona Lee](#)
To: [OE.Elections.Reapportionment](#)
Cc: [Fenton](#)
Subject: [EXTERNAL] Oppose the Current RCTechnical Group Plan Draft
Date: Monday, October 25, 2021 1:21:31 AM

I am writing to OPPOSE the 10/14 Draft prepared by the Reappointment Commission's "technical group". Instead, I am offering my support for the Alternative Plan that was created and submitted by Bill Hicks, the Kailua Neighborhood Board Chair on 10/21/21. The Hicks Plan will keep Manoa as one, unified State House District within the natural borders of our valley, as well as resolve the equally important concerns of Kailua, Waimanalo and Hawai'i Kai communities.

I OPPOSE the current RC Technical Group Draft Plan that divides Manoa into two new districts, #20 & #24.

Respectfully Submitted,
Winona C Lee
Resident of Manoa

Sent from my iPhone

From: [Jerry](#)
To: [OE.Elections.Reapportionment](#)
Cc: [Rosenbrock, David J](#); billhicksknb@gmail.com
Subject: [EXTERNAL] testimony for oct 28. 2021 meeting of the reapportionment commission
Date: Monday, October 25, 2021 2:37:35 AM

dear reapportionment commission,
the manoa branch of the outdoor circle stands strongly against the present reapportionment proposal. **we feel the current plan makes little sense for our community and we are supporting the hick's plan (which preserves the geographical boundaries of manoa). the hicks plan keeps our valley cohesive, contiguous and compact. it follows permanent and easily recognizable features. it does not merge our valley with palolo, kaimuki, makiki, and kapehulu. the issues we deal with and our priorities are vastly different from adjacent areas. we need to be united to resist intrusions like power lines over wa'ahila ridge, the onslaught of apartments and monster homes, and of small business pressures. we do not need an increase in short term rentals, new variances and zonings, and representatives that are interested in just half of our valley. i do not need to tell you how little the current makiki and palolo representatives know about manoa. perhaps paradise park and 450,000 approved visitors will rise again with this new redistricting? at our meetings, the politics of the commission decisions were discussed. today in civil beat, the article on political appointments and motivations confirm our fears. please place the values of intact communities with shared interests above those of who appointed you. we urge you to accept the hicks alternative which will insure a more democratic government for the next 10 years. thank you for our opportunity to testify.**
jeremy lam, m.d., president of the manoa branch of the outdoor circle
2230 kamehameha avenue 96822

From: [Brett Iwanuma](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Support of the Hicks plan
Date: Monday, October 25, 2021 8:20:41 AM

Hello,

I wanted to write to say that I am a long time resident of Manoa and I am strongly opposed to the plan to divide Manoa into two different districts. The valley should remain one district we have natural geographic boundaries. I strongly support the Hicks plan. This will help the residents with out neighborhood watch, disaster planning and general safety. Thank you for your time.

Brett Iwanuma

[Sent from Yahoo Mail for iPhone](#)

From: [Taiwi Crouch](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Manoa Valley
Date: Monday, October 25, 2021 12:46:10 PM

Aloha kakou,

Since the land divisions were set by our ali'i Ma'ilikukahi in the 13th century, the the ahupua'a of our island, our state, have remained intact, even through the mahele which altered the concept of land in Hawaii.

There are other considerations other than population when it comes to community.

It makes absolutely no sense whatsoever to draw a line on a map and say that this side is one district and such. Put the entire ahupua'a of Waikiki in one voting district and that would keep the sense of community that groups such as exist in Manoa propagate. After all, Manoa is a part of the ahupua'a of Waikiki as are the neighboring valleys. This idea of reapportionment is similar to dividing the university campus at Dole St. mauka and makai or Varney circle. You need to do better. Have community input. There are many who don't have political ambitions that would be willing to help such as Malama Manoa or the Manoa Neighborhood Board.

Mahalo for your consideration,

R.Tai Crouch retired Hawaiian History teacher at Punahou for three decades and a Manoa resident since 1967.

From: [Robert Fox](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Redistricting of Manoa
Date: Monday, October 25, 2021 12:46:56 PM

I am firmly in opposition to the redistricting of Manoa. In fact, this proposed redistricting is in complete opposition to the traditional governance of our islands from the time of the Kings. This valley is ONE. Adding on Kaimuki to add population instead of including the cohesive totality of our valley is disingenuous and is a disservice to representation. The problems of St. Louis Heights are different from those in the Manoa Valley. The convergence of common cause within the walls of the valley makes sense. The watershed of the Koolaus impacts those "down water" from the containing walls of the valley. The flooding of the Manoa Stream affects only this valley. The preservation of Historic homes is almost exclusive to Manoa and separately to Nuuanu. Dividing up either valley is a disservice to the people of Oahu, and only implies a corrupt intent.

I do remind you all that due to the strength, solidarity, and combined fierce advocacy of the people of this island and especially of Manoa Valley, that 5 people in the DPP have been indicted by the FBI. The time of tolerance for underhanded, corrupt intentioned, and political gaming the system is over. The people have proven their worth and their dedication to the protection and preservation of our island.

Make no mistake we will fight as hard if not harder to maintain the viability of our valley home.

ONE MANOA. You will see this banner on every corner and held high on every street if you pursue this horrific division of our homeland.

If you need assistance in understanding the concept of redistricting according to "commonality" and population density, and the other 4 guidelines of your responsibilities in redistricting, I will be glad to educate you. Every major city across the USA is doing redistricting as a result of the census. What those cities are finding is a lack of tolerance for the current political graft, gerrymandering, and corruption. If we do not conform to good policy and good representative rule of law, you will find Hawaii in the same sort of maelstrom as the mainland is experiencing. We have all had enough of political manipulation. We are in a new age and a new time, where the people are tired of scams, and deceit in the name of governance. This attempt to divide our Valley is a bureaucratic overreach fueled by political ambition and greed. Do not let this move forward for one more second.

I urge you to maintain the neighborhood association boundaries consistent with the district lines and boundaries. Any other choice will be met with fierce opposition.

Sincerely,
Robert E. Fox
2022 University Ave.
Honolulu, HI 96822
808-256-1071
rfoxent@gmail.com

From: [Gordon Aoyagi](#)
To: [OE.Elections.Reapportionment](#)
Cc: [Gordon Aoyagi](#)
Subject: [EXTERNAL] Testimony for Oct 28, 2021 - Redistricting Commission - Oppose Current Plan
Date: Monday, October 25, 2021 1:12:36 PM

October 25, 2021

Dear Reapportionment Committee

Thank you for the opportunity to comment on the proposed Proposed Legislative Redistricting Plans by the Technical Committee. I am a resident of Manoa Valley and have been active in community planning and development activities over several years. I oppose the redistricting proposal establishing House District 24 and 20 and the splitting Manoa Valley into the two named districts for the following reasons:

1. Manoa Valley is an established and longstanding compact community, defined by natural geographic and geologic features with a character of similar housing and natural beauty reinforced by compatible land uses, zoning, common social and economic infrastructure and active civic, religious, business and social associations committed to protecting and advancing Manoa valley's beauty and vitality. Its geographical boundaries coincide with Manoa Neighborhood Board, a non-partisan community based advisory committee established by the City and County of Honolulu. While the University of Hawaii Manoa serves as the State's premier learning center and is the largest employer in the City, its facilities are located throughout the valley and has a shared destiny with the Manoa community. There are only two major arterials leading into the valley from H1 and what happens on these roads not only affect the valley but also the traffic flow in the City on H1. Those who live, work and play in Manoa Valley have historically and currently by association all share a very strong community of interest. Alexis de Tocqueville noted in comments about democracy in America, "Better use has been made of associations and this powerful instrument has been applied for more varied aims in America than anywhere else in the world". How does splitting Manoa Valley into two districts serve and advance effective democratic principles? Why tear asunder a compact and cohesive community potentially pitting one side of the valley against the other or worse potentially accede representation to adjacent communities with no representation at all for Manoa Valley interests? Direct, accountable representation matters for Manoa Valley.
2. There is an alternative redistricting plan that maintains compact and cohesive communities for House Districts on Oahu. We commend the Redistricting Committee for being transparent and accessible. On October 22, 2021, David Rosenbrack, Redistricting Manager, met with representatives from Manoa, Hawaii Kai and Hanauma Bay to discuss the proposed redistricting proposal and principles used in developing the proposed reapportioned House districts. He informed us of the loss of population from some areas and the increase in other areas on Oahu. It became apparent that while Manoa could advance profound reasons not to split the valley into two proposed House Districts but that the Reapportionment Committee and its technical staff would view our cause as parochial as other districts are being similarly affected. It appeared that the reapportionment process would be driven by balancing population numbers. Other factors such as compact and cohesive communities were subordinated to number balancing. Those in attendance arrived at the consensus that affected communities across Oahu would need to collaborate and coalesce around an alternative that had at its guiding principals to achieve the balance of 27,036 people per district but, equally important, to maintain compact communities following natural and historical boundaries. An alternative plan was subsequently created by Bill Hicks, from the Kailua neighborhood The "Hicks' Plan" will keep Mānoa as one, unified State House District within the natural borders of our valley, as well as resolve the equally important concerns of the Kailua, Waimanalo and Hawai'i Kai communities. I endorse and recommend the alternative "Hicks Plan" for consideration by Commission for reapportionment of State House districts.
3. I understand that Bill Hicks has submitted this plan to the Commission as an alternative to the proposed redistricting plan. His proposal includes the use of geographical and geological features for distinct boundaries while keeping established compact, contiguous and cohesive neighborhoods in tact as much as possible. The "Hick's Plan" keeps Manoa HD 23, Lanikai/Enchanted Lake/Waimanalo HD 51, and Hawaii Kai HD 17 while achieving better population balance than the Commission's technical group's proposal. Under the "Hick's Plan": 24 Districts +/- 0.99 (vs 6 of Commission proposal); 11 Districts >0.99 but less than 1.40% (vs 2 of Commission proposal); 0 Districts > 1.40% (vs 27 Districts of Commission proposal). Total worst case variance of the "Hick's Plan" is 2.65% (-1.25% to 1.4%) vs the Commission's proposal of 8.54% (-4.30% to 4.24%). Furthermore, it is anticipated that the "Hick's Plan" will receive the collaborative support and endorsement from other Oahu neighborhoods and communities.
4. In endorsing and recommending an alternative to the Commission's proposal, I believe the information above shows the impact of "Hick's Plan" indicating that district populations can be apportioned equally. Furthermore that the criteria for district boundaries under the Hawaii State Constitution, Article IV, Reapportionment are practicable, possible and achievable: districts shall be contiguous; districts shall be compact; district lines shall follow permanent and easily recognized features such as streets, streams and clear geographical boundaries. Just as important, it follows a strong principle of good governance. Thomas Jefferson said that government is strongest when everyone feels themselves a part. Honoring compact and cohesive communities promotes associations advancing the common good and community interests. Sharing common social, economic and political infrastructure promotes participation, accountability and transparency. Advance democracy; don't diminish it by diluting natural communities of interest. People count!

Thank you for your consideration.

Gordon Aoyagi

From: [scott smart](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] 2021 Reapportionment Meeting October 28 ,2021 Public Testimony
Date: Monday, October 25, 2021 2:29:34 PM

Per the agenda published on the Hawaii Reapportionment Commission web site, the following public testimony is submitted for consideration by the Board at its public meeting scheduled for October 28, 2021:

Chair Mark M. Mugiishi, M.D. and members of the Committee:

I object to the proposed Plan as regards apportionment of House districts to the community of Mililani Town / Mililani Mauka on Oahu.

Mililani has been adversely affected by the continuing policy of removing a so-called Military NonResident Population (MNRP) from the Census population. This has caused problems in reapportionment in 2001 and 2011. The result in 2011 was that Mililani Town/Mauka which had been split into two representative districts was now split into three by creating a District 45 which extended from Wailua and Mokuleia into the NW portion of Mililani Town, resulting in Mililani being split into 36/37/45.

This proposed plan further extends this District 45 into Mililani areas which heretofore had always been included within the "Mililani" District 36 or 37. There is little or no commonality of interest between the North Shore and South Central Oahu. For unstated reasons, the areas of Whitmore Village and Wahiawa have been kept intact during redistricting creating an appearance of favoritism.

The resulting District 45 shows a population deviation of + 2.6%. If the unrepresented "MNPR" population is considered, the deviation is much higher. In my view the Committee should seek to remedy this imbalance.

Thank you,

Scott W. Smart

Mililani HI

From: [vanvanes](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Written testimony for the Reapportionment Commission meeting on October 28, 2021
Date: Monday, October 25, 2021 4:24:08 PM

Aloha Reapportionment Commissioners,

As you may have gleaned from the abundance of written testimony about the Technical Group's October 14th draft plan for redistricting the State House, the people of Mānoa are incensed to the point that our opposition is palpable. Dividing the historic ahupua'a of Mānoa Valley into two separate Districts #20 & 24 is absolutely unacceptable. We are ONE, cohesive community, bound together by public infrastructure, common interests, generations of family and organizational ties, and natural, geographic borders of the mountains. We need to remain intact, as a geometrically compact District #23.

Although we understand that this is a political process, and that you were appointed by bicameral and bipartisan elected officials who are currently in power in the State Legislature, we implore you to trust the intelligence and fortitude of the citizens of Mānoa. After all, our country prides itself as a Democratic Republic, in which political gerrymandering is abhorrent and totally unnecessary because the constituency will do our civic duty to vote to unseat any incumbents who garner our grievances by not accurately representing our best interests. Please maintain faith in us and respect the will of the people.

We have mobilized, and we are collaborating. In a meeting on Friday, October 22nd, with David Rosenbrock, the State Office of Elections Technical Manager, fifteen community leaders from Mānoa voiced our concerns and discussed solutions to keep our valley intact and reach the goal population number of 27,026 people in our district. Thankfully, Kailua Neighborhood Board Chair, Bill Hicks, was able to join our meeting. He had already created an alternative plan to alleviate the redistricting problems with the technical group's proposed plans for Kailua, Waimanalo, and Hawai'i Kai. Chair Hicks was able to address our concerns in his plan as well, keeping Mānoa as one District #23. We wholeheartedly support his community-minded plan, and ask that you vote to support the Hicks' Plan because it places the interests of the people in the forefront while lowering the deviation percentages. It's brilliant!

Please do right by the people. We deserve to have the integrity of our long-standing communities maintained.

Sincerely,
Vanessa Distajo

Sent from my iPhone

From: [Jimmy MCMAHON](#)
To: [OE.Elections.Reapportionment](#)
Cc: gord.aoyasi80814@gmail.com; [Jerry](#)
Subject: [EXTERNAL] Testimony for Oct 28, 2021 - Redistricting Commission - Oppose Current Plan
Date: Monday, October 25, 2021 6:24:39 PM

Dear Reapportionment Committee,

Thank you for the opportunity to comment on the proposed Proposed Legislative Redistricting Plans by the Technical Committee. I Have been a resident of Manoa Valley since 1961 YES FOR 60 YEARS! Also participate in many groups and activities here, my children grew up here as I did and we support local Manoa business.

I oppose the redistricting proposal establishing House District 24 and 20 and the splitting Manoa Valley into the two named districts for the following reasons:

1. Manoa Valley is an established and longstanding compact community, defined by natural geographic and geologic features with a character of similar housing and natural beauty reinforced by compatible land uses, zoning, common social and economic infrastructure and active civic, religious, business and social associations committed to protecting and advancing Manoa valley's beauty and vitality. Its geographical boundaries coincide with Manoa Neighborhood Board, a non-partisan community based advisory committee established by the City and County of Honolulu. While the University of Hawaii Manoa serves as the State's premier learning center and is the largest employer in the City, its facilities are located throughout the valley and has a shared destiny with the Manoa community. There are only two major arterials leading into the valley from H1 and what happens on these roads not only affect the valley but also the traffic flow in the City on H1. Those who live, work and play in Manoa Valley have historically and currently by association all share a very strong community of interest. Alexis de Tocqueville noted in comments about democracy in America, "Better use has been made of associations and this powerful instrument has been applied for more varied aims in America than anywhere else in the world". How does splitting Manoa Valley into two districts serve and advance effective democratic principles? Why tear asunder a compact and cohesive community potentially pitting one side of the valley against the other or worse potentially accede representation to adjacent communities with no representation at all for Manoa Valley interests? Direct, accountable representation matters for Manoa Valley.
2. There is an alternative redistricting plan that maintains compact and cohesive communities for House Districts on Oahu. We commend the Redistricting Committee for being transparent and accessible. On October 22, 2021, David Rosenbrack, Redistricting Manager, met with representatives from Manoa, Hawaii Kai and Hanauma Bay to discuss the proposed redistricting proposal and principles used in developing the proposed reapportioned House districts. He informed us of the loss of population from some areas and the increase in other areas on Oahu. It became apparent that while Manoa could advance profound reasons not to split the valley into two proposed House Districts but that the Reapportionment Committee and its technical staff would view our cause as parochial as other districts are being similarly affected. It appeared that the reapportionment process would be driven by balancing population numbers. Other factors such as compact and cohesive communities were subordinated to number balancing. Those in attendance arrived at the consensus that affected communities across Oahu would need to collaborate and coalesce around an alternative that had at its guiding principals to achieve the balance of 27,036 people per district but, equally important, to maintain compact communities following natural and historical boundaries. An alternative plan was subsequently created by Bill Hicks, from the Kailua neighborhood The "Hicks' Plan" will keep Mānoa as one, unified State House District within the natural borders of our valley, as well as resolve the equally important concerns of the Kailua, Waimanalo and Hawai'i Kai communities. I endorse and recommend the alternative "Hicks Plan" for consideration by Commission for reapportionment of State House districts.
3. I understand that Bill Hicks has submitted this plan to the Commission as an alternative to the proposed redistricting plan. His proposal includes the use of geographical and geological features for distinct boundaries while keeping established compact, contiguous and cohesive

neighborhoods in tact as much as possible. The “Hick’s Plan” keeps Manoa HD 23, Lanikai/Enchanted Lake/Waimanalo HD 51, and Hawaii Kai HD 17 while achieving better population balance than the Commission’s technical group’s proposal. Under the “Hick’s Plan”: 24 Districts +/- 0.99 (vs 6 of Commission proposal); 11 Districts >0.99 but less than 1.40% (vs 2 of Commission proposal); 0 Districts > 1.40% (vs 27 Districts of Commission proposal). Total worst case variance of the “Hick’s Plan” is 2.65% (-1.25% to 1.4%) vs the Commission’s proposal of 8.54% (-4.30% to 4.24%). Furthermore, it is anticipated that the “Hick’s Plan” will receive the collaborative support and endorsement from other Oahu neighborhoods and communities.

4. In endorsing and recommending an alternative to the Commission’s proposal, I believe the information above shows the impact of “Hick’s Plan” indicating that district populations can be apportioned equally. Furthermore that the criteria for district boundaries under the Hawaii State Constitution, Article IV, Reapportionment are practicable, possible and achievable: districts shall be contiguous; districts shall be compact; district lines shall follow permanent and easily recognized features such as streets, streams and clear geographical boundaries. Just as important, it follows a strong principle of good governance. Thomas Jefferson said that government is strongest when everyone feels themselves a part. Honoring compact and cohesive communities promotes associations advancing the common good and community interests. Sharing common social, economic and political infrastructure promotes participation, accountability and transparency. Advance democracy; don’t diminish it by diluting natural communities of interest. People count!

Aloha,
Anthony James McMahon
jimmyswim@mac.com

From: [Cherilyn](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Testimony in Opposition to Proposed District 51 Reapportionment
Date: Monday, October 25, 2021 6:31:39 PM

Aloha,

My name is Cherilyn Inouye and I live in Kailua in Representative District 51. I oppose the proposal to include parts of Hawai'i Kai in our district. I think this further expands an already large area for our representative to be responsible for and while economically Hawai'i Kai might seem similar to parts of Kailua, our communities are very different. The implication of this is that future representatives for our district could reside in Hawai'i Kai and know nothing about or not have a strong sense of kuleana in Kailua, Waimānalo and our Ko'olaupoko communities. I do not feel this would best support our communities.

Thank you for the opportunity to submit testimony.

Respectfully submitted,
Cherilyn Inouye

Sent from my iPhone

From: [Patricia Johnson](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Support for The Hicks Plan
Date: Monday, October 25, 2021 6:39:01 PM

As a resident of Manoa, Woodlawn side of the Valley, I would not like being separated from my neighbors on the other side of the Valley. Hicks Plan is a worthy and well-thought out alternative. Please accept The Hicks Plan. Mahalo for your service! ~Patricia Johnson

3318 Woodlawn Drive - 808-988-4633 - patriciagj@aol.com

From: [Midi Cox](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Opposed to the reapportionment plan that splits communities
Date: Monday, October 25, 2021 6:45:57 PM

Gentlepersons of the Reapportionment Commission,

I strong OPPOSE the 10/14/21 Draft prepared by the Reapportionment Commission's "technical group" and offer support for the Alternative Plan that was created and submitted by Bill Hicks,

Communities are important for our lives. Make an effort to maintain them.

Sincerely,

Millicent Cox
Manoa Resident

From: [Lauren King](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Please keep Manoa together
Date: Monday, October 25, 2021 7:15:57 PM

Hello,

I'm writing to request that Manoa remains in one district. Breaking it up hurts the community. Keeping it united means that our concerns can be addressed more easily.

Thanks,
Lauren King

Sent from my iPhone

From: [Dan Diffenderfer](#)
To: [OE.Elections.Reapportionment](#)
Cc: repmarten@capitol.hawaii.gov
Subject: [EXTERNAL] Testimony in Opposition to Proposed District 51 Reapportionment
Date: Monday, October 25, 2021 7:23:42 PM

I'm writing to express my opposition to the proposed redistricting that would put parts of Kailua and Hawaii Kai together.

I live in district 51, Kailua Enchanted Lake area.

I oppose this because I don't want my representative to potentially come from Hawaii Kai. I don't feel like a representative from Hawaii Kai could adequately voice my concerns in the ledge.

Personally, I almost never go to Hawaii Kai and don't feel I have any interest in what happens in Hawaii Kai.

On the other hand, I know multiple people who live in Waimanalo and I visited there on a regular basis. I know far more about Waimanalo than I do about Hawaii Kai and feel more aligned to their interests than that of Hawaii Kai.

Daniel Diffenderfer

From: [susanmvg](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Written testimony for the 10/28/21 Reapportionment Commission Meeting
Date: Monday, October 25, 2021 8:05:03 PM

Dear Reapportionment Commissioners,

Please do not even consider dividing our beloved community into two separate State House districts #20 & 24. Many home owners on the street where I live, and throughout Mānoa, are family and neighbors who treasure our long-time Mānoa residency. We have fought for our low density, single-family neighborhoods and one marketplace community with shade trees. We take care of each other, our property, and volunteer to keep Mānoa beautiful, safe, and prosperous.

I strongly oppose the draft prepared by the technical group that was presented at the last meeting on 10/14/21.

I emphatically support the alternative plan that was created by Bill Hicks, the Chair of the Kailua Neighborhood Board. "Bill Hicks' Alternative Plan" will keep the State House district #23 intact as one community of Mānoa, in addition to resolving the issues mentioned by Waimanalo, Kailua and Hawai'i Kai residents.

Thank you for your consideration.

Sincerely,
Susan Van Gorder

Sent from my iPad

From: [Carlene Toshi](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Leave Manoa Intact
Date: Tuesday, October 26, 2021 6:13:42 AM

As long-time residents of Manoa Valley, our family STRONGLY OPPOSES the 10/14/21 Draft that splits Manoa into two House Districts.

We support the Alternative Plan that was created and submitted by Bill Hicks, the Kailua Neighborhood Board Chair, on 10/22/21. The Alternative "Hicks" Plan retains the natural boundary of Manoa Valley. Not only does this version keep the Manoa community under one, unified, State House representation, it resolves equally important concerns of the Kailua, Waimanalo and Hawai'i Kai communities.

Mahalo,
Toshi Family



AMERICANS FOR DEMOCRATIC ACTION

OFFICERS	DIRECTORS		MAILING ADDRESS	
John Bickel, President	Melodie Aduja	Jan Lubin	Bill South	P.O. Box 23404
Alan Burdick, Vice President	Keola Akana	John Miller	Zahava Zaidoff	Honolulu
Dave Nagajji, Treasurer	Juliet Begley	Jenny Nomura		Hawaii 96823
Doug Pyle, Secretary	Stephanie Fitzpatrick	Stephen O'Harrow		

October 26 2021

TO: Chair Muguishi and Reapportionment Commission

RE: State House Reapportionment Plan

Opposition for Hearing on Oct. 28

Americans for Democratic Action is an organization founded in the 1950s by leading supporters of the New Deal and led by Patsy Mink in the 1970s. We are devoted to the promotion of progressive public policies.

Americans for Democratic Hawaii opposes the draft of the State House districts. To start with, we think it is a mistake to not begin District 51 at Makapuu. One problem we see is the new district would include both Waimanalo and Portlock, which have little in common with each other. Portlock has much more in common with the Hawaii Kai District.

We also oppose the carving up of the old district 19 to create bizarre appendages for districts 18,20, and 21. We oppose part of Manoa being split off into Makiki. We are suspicious of the political motives behind putting Rep. Kobayashi into Rep. Hashem's district, Rep. Tam into Rep. Saiki's district, Rep. Holt into Rep. Ohno's district, and Rep. Har into Rep. LoPresti's district. We think the current plan should be scrapped.

Thank you for your consideration.

Sincerely,

John Bickel, President

From: [Jennifer Cruz](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Mānoa reapportionment
Date: Tuesday, October 26, 2021 8:11:41 AM

To who it may concern:

I am writing to OPPOSE the 10/14/21 Draft prepared by the Reapportionment Commission's "technical group." Instead, I support the Alternative Plan that was created and submitted by Bill Hicks, the Kailua Neighborhood Board Chair, on 10/22/21.

Jennifer Cruz

From: [Piikea Miller](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Testimony for 10/28/21 Meeting
Date: Tuesday, October 26, 2021 8:37:00 AM

Dear Commission Members,

As a long time Manoa resident I **strongly oppose** the current Technical Draft Plan that splits our valley into districts 20 and 24. This is makes absolutely no sense!

It's dumbfounding that the technical group came up with the plan that they did, unless their mandate was something other than a common sense reapportionment.

We are a natural valley and watershed and should be treated as one district. We don't share the same concerns as residents of Kaimuki and Kapahulu. This feels like gerrymandering, especially when you see the elegant and common sense plan developed by Bill Hicks of the Kailua Neighborhood Board! It includes parts of Moiliili with Manoa which makes sense since those areas are the lower part of Manoa valley.

I support the Hicks plan - it's common sense and is a community-derived solution!

Aloha,
Pi'ikea Miller

From: [reapportionment](#)
To: ["amymonk99@hotmail.com"](mailto:amymonk99@hotmail.com)
Cc: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] FW: Testimony
Date: Tuesday, October 26, 2021 8:43:58 AM
Attachments: [Reapportionment Commission testimony.docx](#)

Hi Amy,

We have forwarded your testimony to the State Reapportionment Commission.

Thank you.

Doris

Doris Lam
Office of the City Clerk, Elections Division
City and County of Honolulu
530 South King Street, Rm 100
Honolulu, Hawaii 96813
Phone: (808) 768-9234
Mobile: (808) 265-1293
Email: doris.lam@honolulu.gov

From: Amy Monk [mailto:amymonk99@hotmail.com]
Sent: Tuesday, October 26, 2021 8:28 AM
To: reapportionment <reapportionment@honolulu.gov>
Subject: Testimony

CAUTION: Email received from an **EXTERNAL** sender. Please confirm the content is safe prior to opening attachments or links.

Thank you for the opportunity to submit testimony. I submitted this to the State Commission because it is the House and Senate lines that are of concern. The Congressional and County lines seem to be fine. There are many others who feel the reapportionment lines should be drawn from Makapuu point; I note that Bill Hicks from Kailua has drawn an excellent plan.

Mahalo,
Amy

To: Reapportionment Commission Chair and Members

From: Amy Monk

Subject: House Districts 17 and 51; Senate Districts 9 and 25 not conforming to State Commission Precepts

The inclusion of Kalama Valley and the Portlock area into proposed House District 51 exacerbates the error committed in the 2010 reapportionment, which included parts of Kalama Valley and Portlock in the current Senate District 25. I live in Kalama Valley where this illogic division has caused confusion for the past 10 years.

First, the proposed House 51 and Senate 25 districts are not compact. They are contiguous only by means of a narrow beach corridor or in some cases a road which is carved into a cliff in order to cross a Koolau ridge. It also passes through the Ka Iwi Coast land trust, a stretch of uninhabited, dry scrub, preservation land. The ridge and trust lands create a natural barrier between north and south, windward and leeward. Makapuu Lighthouse stands on the end of the ridge line that drops steeply into the ocean and has traditionally been the geographic and political dividing line between the windward and leeward sides of the Koolaus; it was the old Senate line, is the current House line, will continue to be the Oahu County line and the Congressional district line.

Second, the proposed House 51 and Senate 25 both straddle CD1 and CD 2. They will not be wholly contained in a Congressional district per Commission precept.

Third, the socio-economic-political infrastructure of Portlock and Kalama Valley is shared with Hawaii Kai and East Honolulu communities, not Waimanalo:

- Portlock and Kalama Valley children go to Kamiloiki Elementary and Koko Head Elementary, Niu Valley Middle School, and Kaiser High School in Hawaii Kai. Kalama Valley and Portlock public school children are in the Kaiser complex, an integral part of Hawaii Kai and East Honolulu.
- The Neighborhood Board representatives of Portlock and Kalama Valley belong to the Hawaii Kai Neighborhood Board.
- Households in Kalama Valley and Portlock frequent the supermarkets, stores, restaurants and service providers in Hawaii Kai, Niu Valley, Aina Haina.
- Portlock and Kalama Valley are served by the only private sewage treatment facility on Oahu, Hawaii American Water. The facility is in Kalama Valley and serves all of Hawaii Kai.
- Portlock and Kalama Valley are part of the Honolulu electrical and water supply grid which end in Kalama Valley. These are determined by geological practicalities. Portlock and Kalama Valley are part of Hawaii Kai, not Waimanalo. Waimanalo service lines run from Kailua.
- Rush hour public transportation to downtown and the UH is designed to serve Kalama Valley and Portlock within Hawaii Kai routes.
- No one in Kalama Valley or Portlock would identify themselves as living on the Windward side.

There are two geological features that naturally divide Oahu, the Waianae mountain range that ends at Kaena point in the west and Koolau mountain range which ends at Makapuu point in the east. I urge the

Reapportionment Commission to recognize the many natural dividing lines that led to drawing the county line and the Congressional district lines through Makapuu.

From: [r t](#)
To: [OE.Elections.Reapportionment](#)
Subject: [EXTERNAL] Testimony for October 28, 2021 meeting
Date: Tuesday, October 26, 2021 9:41:31 AM

TESTIMONY TO THE REAPPORTIONMENT COMMISSION

OCTOBER 28, 2021

My name is Roy Takumi and I am the representative for House District 35 testifying with concerns regarding the current draft.

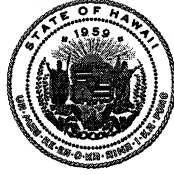
It's inexplicable why the draft reapportions Rep. Gregg Takayama and I into the same district while the proposed neighboring district is open. While I understand the goal of the Commission is not to "protect" incumbents, I believe the district lines should try and avoid this from happening. I speak from experience since I was reapportioned with a fellow incumbent in the past.

I believe that the district should be divided by Waimano Home Road with the mauka and makai sides creating the two House districts.

I ask that the Commission take another look and take into account my concern. Other testifiers are proposing different maps and as I reviewed a few of them, they seem to make more sense and leave districts compact, contiguous and follow historical boundaries.

Thank you.

**V. APPROVAL OF MINUTES
FOR THE MEETING OF
OCTOBER 14, 2021**



MARK MUGIISHI, M.D.
CHAIR

**STATE OF HAWAII
2021 REAPPORTIONMENT COMMISSION**

**MINUTES OF THE REGULAR MEETING OF THE
2021 REAPPORTIONMENT COMMISSION**

OCTOBER 14, 2021
12:00 PM

Pursuant to the Governor's Emergency Proclamation Related to the COVID-19 Response, dated October 1, 2021, the Reapportionment Commission will be meeting remotely using interactive conference technology. This meeting was recorded and has been posted on the Office of Elections website at elections.hawaii.gov.

Commissioners in Attendance:

Mark Mugiishi, Chair
Calvert Chipchase IV
Grant Chun
Robin Kennedy
Charlotte Nekota
Randall Nishimura
Dylan Nonaka
Diane Ono
Kevin Rathbun

Staff in Attendance:

Royce Jones
Scott Nago
David Rosenbrock
Lori Tanigawa

Testifiers in Attendance:

Bart Dame
Nikhilananda
Sandy Ma of Common Cause Hawaii
Kimeona Kane
Vanessa Distajo
Rhiannon Callahan
Becky Gardner of Policy Matters LLC
Bill Hicks
Ellen Watson
Brett Kulbis

Amber Granite
Matt Prellberg

PROCEEDINGS

I. Call to Order

Chair Mugiishi called the meeting to order at 12:00 p.m.

II. Roll Call and Determination of Quorum

Reapportionment Commission Secretary, Scott Nago, conducted a roll call. All Commissioners were present. The Commission had a quorum.

III. Public Testimony

Chair Mugiishi addressed housekeeping matters related to conducting the meeting by video and by telephone. He reminded testifiers that if technical issues arise, testifiers would be given a moment to resolve their issues and if the issues cannot be resolved, the Commission would move on to the next testifier. He asked that those wishing to testify raise their hand via the Zoom reactions feature or press *9 if joining by phone. For the record, he asked testifiers to state their first and last names and the item they are testifying on.

Bart Dame testified providing comments related to establishing permanent resident population, representative redistricting plan, and structure of the meeting.

Chair Mugiishi explained that the Technical Committee Permitted Interaction Group would be presenting the proposed legislative redistricting plan as part of this meeting.

Commissioner Nishimura asked Bart Dame if he submitted a proposed plan. Bart Dame responded that he had not since he had been unable to review the proposed legislative redistricting plan yet.

Nikhilananda testified providing comments regarding the legislative redistricting plan for the basic island unit of Maui, specifically proposed Representative District 13.

Sandy Ma, Common Cause Hawaii, testified providing comments regarding the conduct of meetings and the legislative redistricting plans.

Commissioner Ono asked Sandy Ma if she had submitted a proposed redistricting plan for consideration. Sandy Ma responded that Common Cause would be encouraging the communities to testify and provide public comment.

Kimeona Kane testified in opposition to the proposed redistricting plan for Representative District 51.

Commissioner Nishimura asked Kimeona Kane if he has access to the Hawaii Redistricting Online tool to submit a proposed plan. Kimeona Kane responded that he had not used the application but would work with the community to use the Hawaii Redistricting Online tool to provide input.

Vanessa Distajo testified in opposition to the proposed redistricting plan for Manoa valley, specifically Representative Districts 20 and 24.

Commissioner Chipchase expressed that it is helpful when the testifiers reference the specific districts of interest for the Commission to consider and review.

Rhiannon Callahan testified in opposition to the proposed redistricting plan for Waimanalo.

Becky Gardner, Policy Matters LLC, testified providing comments regarding the legal process regarding establishing the permanent resident population.

Bill Hicks testified providing comments regarding the proposed redistricting plan for Representative District 51.

Commissioner Chun asked if the current senate district currently extends into the Portlock neighborhood of Hawaii Kai as the proposed redistricting plan does. Commissioner Nonaka answered that the senate district does match the proposed redistricting plan.

Ellen Watson testified providing comments regarding the proposed redistricting plan for Manoa.

Brett Kulbis testified providing comments regarding the extraction of non-permanent residents, specifically the military.

Chair Mugiishi encouraged testifiers to use the Hawaii Redistricting Online tool to submit proposed plans for review in addition to their testimony.

Amber Granite testified in opposition to the redistricting plan and expressed concerns regarding the Native Hawaiian population.

Matt Prellberg testified providing comments regarding the proposed redistricting plan for Representative District 21.

IV. Reports by the Apportionment Advisory Councils

Chair Mugiishi explained that at the September 9, 2021 meeting, Commissioners were designated to work with each Advisory Council – Hawaii, Maui, Kauai, and Oahu. He further explained that the Advisory Councils make recommendations on the matters affecting each basic island unit to the Reapportionment Commission and would be allowed to present at the Commission meetings.

Commissioner Nishimura stated that Hermina Morita, Chair of the Kauai Advisory Council, submitted a report to the Reapportionment Commission.

Commissioner Chun announced that the Maui Advisory Council is in the process of scheduling its first meeting.

Commissioner Nonaka reported that the Hawaii Advisory Council had their first meeting to organize and selected a Chair. He also reported that they were scheduling another meeting and getting feedback on the proposed redistricting plan.

Pursuant to HRS § 92-2.5(e), Commissioners Kennedy, Nonaka, Nishimura, and Ono stated that they attended an Advisory Council meeting to observe the process but did not participate. Commissioner Kennedy stated she attended one of the Advisory Council meetings, but could not recall whether it was Hawaii or Kauai. Commissioner Nonaka stated that he attended the Kauai and Hawaii Advisory Council meetings. Commissioner Nishimura stated that he attended the Kauai Advisory Council meeting to help them set up and open the meeting. Commissioner Ono stated that she attended the Kauai Advisory Council meeting.

V. Approval of Minutes for the Meeting of September 9, 2021

Commissioner Ono made a motion to approve the minutes for the meeting of September 9, 2021, which was seconded by Commissioner Nonaka and approved unanimously by the Commission.

VI. Discussion and Action to Adopt a Proposed Congressional Redistricting Plan

Chair Mugiishi recalled that at the September 9, 2021 meeting, the Technical Committee Permitted Interaction Group presented two proposed Congressional redistricting plans. One plan maintains the existing congressional district lines; the other plan moves portions of Ko Olina from Congressional District I to Congressional District II.

Project Manager, David Rosenbrock, and GIS Project Support, Royce Jones, presented a recap of the proposed congressional redistricting plans including the target population, deviations, and geographical changes.

Chair Mugiishi summarized that the proposed alternate congressional redistricting plan decreases the deviation from the target population and the other plan has less disruption because it maintains the current congressional lines.

Commissioner Nishimura asked if there were any other redistricting plans submitted by the public for consideration. Project Manager, David Rosenbrock, responded that no plans were submitted.

Commissioner Chun asked for clarification on the dividing line on the proposed alternate congressional district plan. Commissioner Nonaka answered that it was the H1 highway.

Commissioner Nonaka stated his support for the proposed alternate congressional redistricting plan which reduces the deviation from the target population to address population growth in Congressional District I over the next 10 years.

Chair Mugiishi asked for a motion indicating which congressional district plan the Commission would like to consider. Commissioner Kennedy made a motion to adopt the congressional alternate plan, which was seconded by Commissioner Nekota and approved unanimously by the Commission.

VII. Presentation of Proposed Legislative Redistricting Plans by the Technical Committee Permitted Interaction Group

Chair Mugiishi introduced the Technical Committee Permitted Interaction Group to present their findings and recommendation regarding the Legislative Redistricting plans it developed. He reminded the Commission

that there would be no action taken today on this information pursuant to HRS § 92-2.5, which requires that any deliberation and decision making may only occur at a meeting after the one in which the findings and recommendations of the permitted interaction group were made. He recognized that the Commissioners who served on the Technical Committee Permitted Interaction Group are Commissioner Nekota, Commissioner Nonaka, Commissioner Ono, and Commissioner Rathbun. Commissioner Ono thanked the testifiers for submitting written and providing oral testimony and thanked the staff, Project Manager, David Rosenbrock, and GIS Project Support, Royce Jones, for their time and support. She explained that the process that was followed by the Technical Committee Permitted Interaction Group was set forth by the Hawaii State Constitution. The process is bipartisan and bicameral resulting in equal participation in the process.

Commissioner Ono further explained that the task of the Technical Committee Permitted Interaction Group was to redraw legislative district lines so that each district within each basic island unit represents an equal number of people. She recalled at the meeting of September 9, 2021, that there would be no canoe districts and expressed the uniqueness of Hawaii as an island state. She also noted that there were significant population shifts determined by the 2020 U.S. Census, specifically the drastic increases on the west side of Oahu compared to the rest of the island. Commissioner Ono stated that the population changes statewide resulted in large deviations within the current district lines. She explained that the lines must be drawn on a macro-level. She expressed that she appreciated the comments from the communities and found them helpful, however, the Technical Group could not look at one district at a time as there is a ripple effect to the changes across the basic island unit. She described the Hawaii Redistricting Online tool, which the Technical Committee and members of the public may use to propose redistricting plans, uses integrity checks to ensure that the plans meet the requirements. She stated that the factors that the plan must consider are geography, infrastructure, and preserving communities as practicable. She emphasized that the Hawaii Redistricting Online tool was designed for public input and encouraged testifiers and the public to submit proposed plans. She also acknowledged that the proposed plans are not perfect and that the process is complex and multifactorial.

Project Manager, David Rosenbrock, provided an overview of the plan and the factors involved including population and geography. GIS Project Support, Royce Jones, presented the target populations for redistricting and the details of the proposed legislative redistricting plan.

Following the presentation, members of the Technical Committee Permitted Interaction Group offered their perspectives on the process and the proposed redistricting plan. Commissioner Nekota thought the process went well and recognized all the work involved. She thanked Commissioner Nonaka for his familiarity with drawing lines. She stated that it was a give and take for both parties because of the population growth on the west side of Oahu. Commissioner Rathbun expressed that it was challenging to draw district lines within the established parameters. He explained that the Technical Committee Permitted Interaction Group used topographical maps to determine where to draw the lines and felt comfortable with the decisions and plan presented.

Commissioner Nonaka thanked the members of the Technical Committee Permitted Interaction Group for their collaboration and willingness to compromise. He described the geographic nuances and expressed that any redistricting plan would not please everyone. He echoed the explanation by Commissioner Ono that the redistricting plans are drawn at a macro-view. He explained that the lines cannot be drawn one community or district at a time because it would impact the deviations from the target population size. Chair Mugiishi added that as the public proposes redistricting plans for consideration, equal representation across districts is a requirement and cannot exceed 10% deviation. Commissioner Nonaka and Commissioner Ono also continued to encourage the public to propose plans using the Hawaii Redistricting Online tool.

Commissioner Kennedy asked how the Technical Committee Permitted Interaction Group accounted for the community concerns and the political impacts. Commissioner Nekota explained the impacts of the proposed redistricting plan on her representative district and expressed her realization that the redistricting plan is not just about her district but rather the whole island and ultimately the state. Commissioner Nonaka added that the population shifts move the district lines one way or another and the Technical Committee tried to impact the fewest number of districts. He further added that he was looking forward to receiving the public's input over the next couple of weeks and then in the public comment period.

Commissioner Kennedy asked for clarification on how the Commission would receive and address public testimony. Commissioner Ono acknowledged the testimony provided by the residents of Manoa, stating that the redistricting of the valley was a result of population shifts and the collapse of Representative District 19. To address Commissioner Kennedy, Project Manager, David Rosenbrock, explained that the Reapportionment Project Office would continue to receive public testimony

and proposed redistricting plans, which are provided to the Commission. The Commission adopts a draft plan which would be available for public comment.

Commissioner Chun clarified that by adopting the alternate congressional plan, it was not accepted as a draft in preparation for public comment which Project Manager, David Rosenbrock, confirmed.

Commissioner Nekota asked if there was a schedule proposed for public comment. He recalled the structure of public comment during the 2011 Reapportionment of conducting meetings in each basic island unit.

Commissioner Nishimura asked if the public could propose changes to the proposed redistricting plans presented today. Project Manager, David Rosenbrock, answered that a Hawaii Redistricting Online user could start from scratch or different templates including the current district lines or the plan presented by the Technical Committee Permitted Interaction Group. He further explained that hard copies of the redistricting plan would be available and announced at public buildings. GIS Project Support, Royce Jones, also confirmed that the templates are available using the Hawaii Redistricting Online tool.

Commissioner Rathbun called for the Advisory Councils to engage with the communities and collect input. Chair Mugiishi expressed that the Commissioners designated to work with the Advisory Councils could shepherd that effort.

Chair Mugiishi reiterated to attendees that the Commission would move to adopt a proposed plan at the next Commission meeting.

VIII. Adjournment

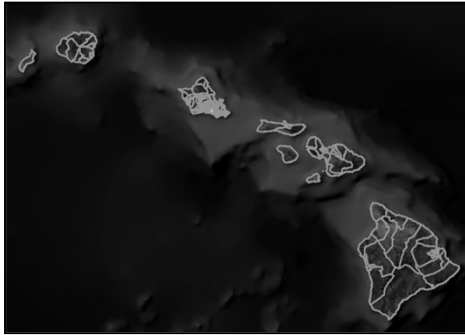
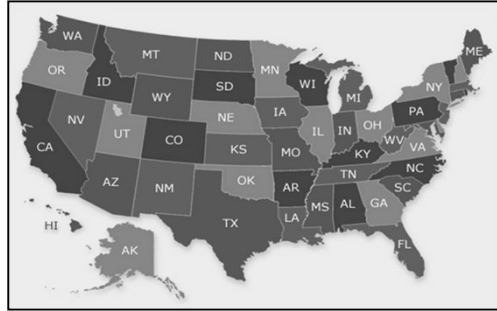
Commissioner Nishimura made a motion to adjourn the meeting, which was seconded by Commissioner Nekota, and approved unanimously by the Commission. The meeting was adjourned at 2:30 p.m.

Respectfully submitted,



SCOTT T. NAGO
Secretary to the Reapportionment Commission

**VII. DISCUSSION
AND ACTION TO ADOPT THE
PROPOSED LEGISLATIVE
REDISTRICTING PLAN**



Reapportionment and Redistricting in Hawaii

TG Proposed Legislative Plans (Review)

-

Technical Permitted Interaction Group Hawaii Reapportionment Commission October 28, 2021



Proposed Legislative Plans – Step by Step

Census

- ✓ FPB Federal Population Base (P.L. 94-171)
- ✓ HPB Hawaii Permanent Resident Population Base

Reapportionment

- ✓ Federal FPB - Congressional (U.S. House)
- ✓ State HPB - State Senate and State House

Redistricting

- ✓ Staff Prepare template plans for current (2011-2020) districts
- ✓ Technical Group Prepare proposed legislative plans
- ✓ Technical Group Present proposed legislative plans to Commission
- ⇒ Commission Adopts proposed legislative plans
- Public Comments on proposed legislative plans
- Technical Group Revises legislative plans and presents to Commission
- Commission Adopts final legislative plans
- Office of Elections Final report and maps

Reprecincting

- Office of Elections Ballot types – Congressional + State + County
- County Clerks New precincts, assign voters to new precincts

Election

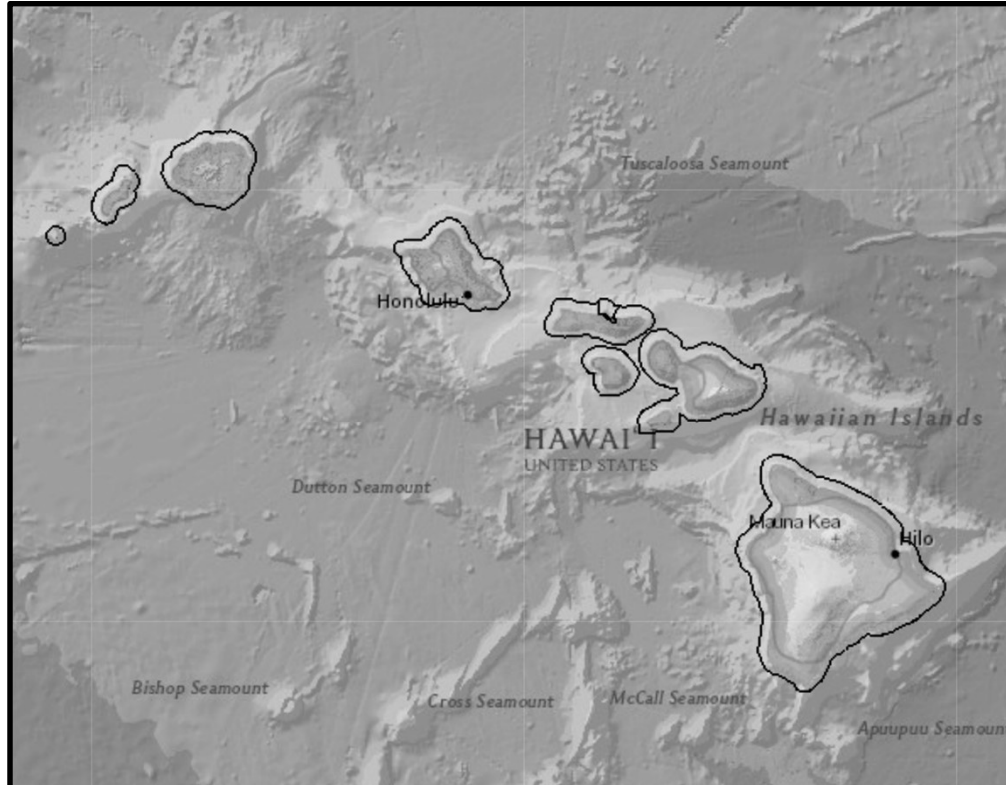
- Candidate Filing March 1, 2022
- Primary August 13, 2022
- General November 8, 2022

Proposed Legislative Plans – Standards and Criteria

Redistricting
Technical Group

Present proposed legislative plans to Commission

- **Compact**
 - geometrically
 - geographically
- **Contiguous**
 - no disconnects
 - no “one point” connections
- **No submergence**
 - preserve socio-economic communities



Courts have upheld:

- Total deviation less than 1% (Federal)
- Total deviation less than 10% within Basic Island Unit (State)

No Canoe Districts

	2020 Hawaii Permanent Resident population	Senate			House		
		target	Current dev%	TG dev%	target	Current dev%	TG dev%
Hawaii BIU	200,090	50,023	15.15%	2.22%	28,584	16.21%	5.72%
Maui BIU	164,610	54,870	14.33%	0.85%	27,435	15.73%	4.52%
Kauai BIU	72,997	72,997	0.00%	0.00%	24,332	4.63%	0.48%
Oahu BIU	945,909	55,642	30.72%	7.93%	27,026	56.17%	8.54%

Proposed Legislative Plan – Hawaii Senate

Redistricting

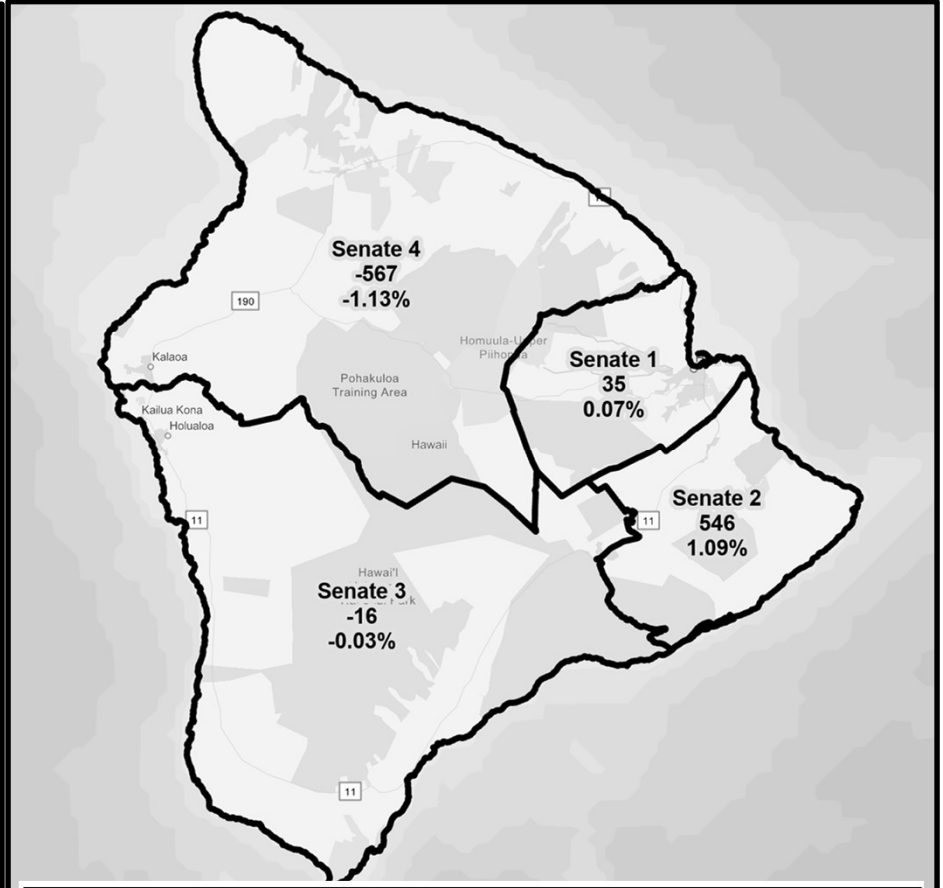
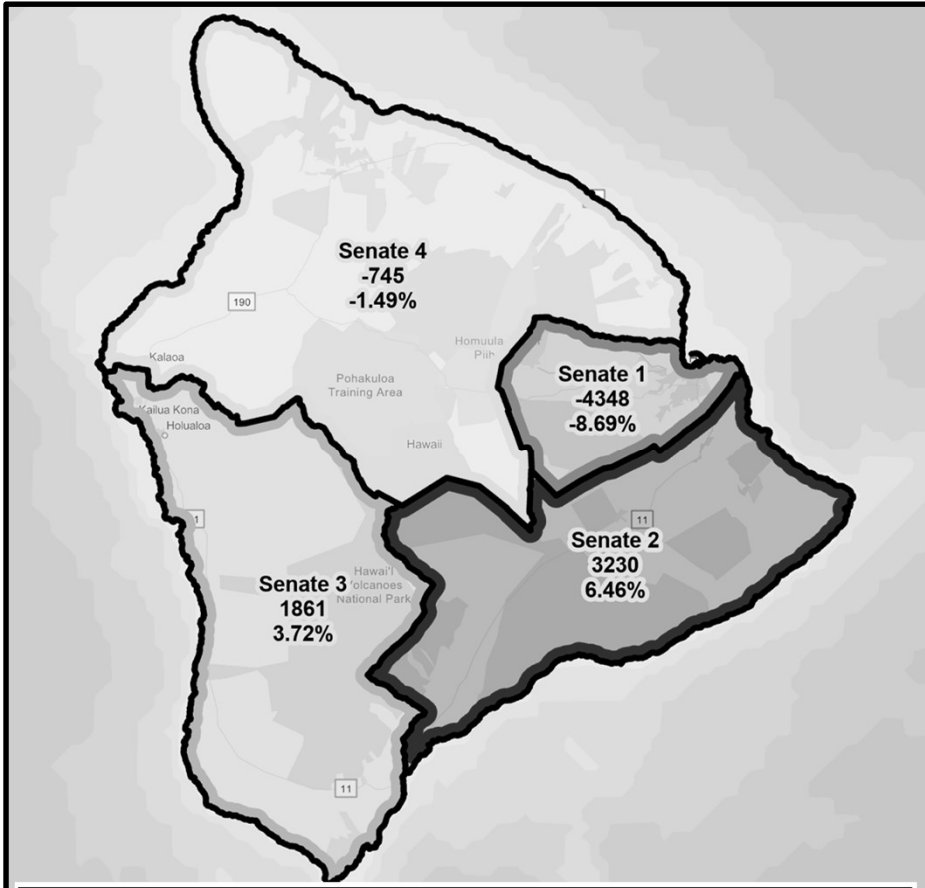
Technical Group

Present proposed legislative plans to Commission

Current (2011-2020)

15.15% → 2.22%

Proposed by Technical Group on 10/14



OVERALL DEVIATION RANGE			
Plan: STATE SENATE (current 2011-2020) districts	Plan Deviation:	15.15%	
Hawaii BIU (4 seats)	highest deviation:	6.46%	
BIU target population	lowest deviation:	-8.69%	
		50,023	per district

OVERALL DEVIATION RANGE		BASIC ISLAND UNIT TARGETS	
Plan: STATE SENATE (TG proposed 10/14) districts	Plan Deviation:	2.22%	
Hawaii BIU (4 seats)	highest deviation:	1.09%	
BIU target population	lowest deviation:	-1.13%	
		50,023	per district

Proposed Legislative Plan – Hawaii House

Redistricting

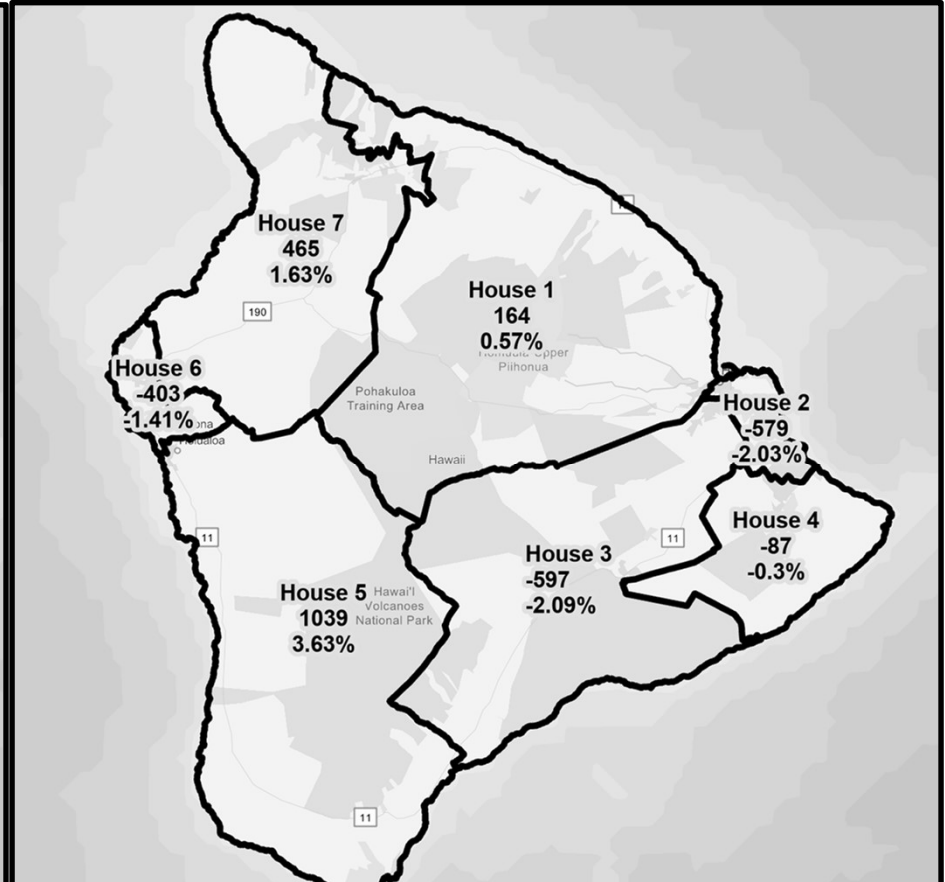
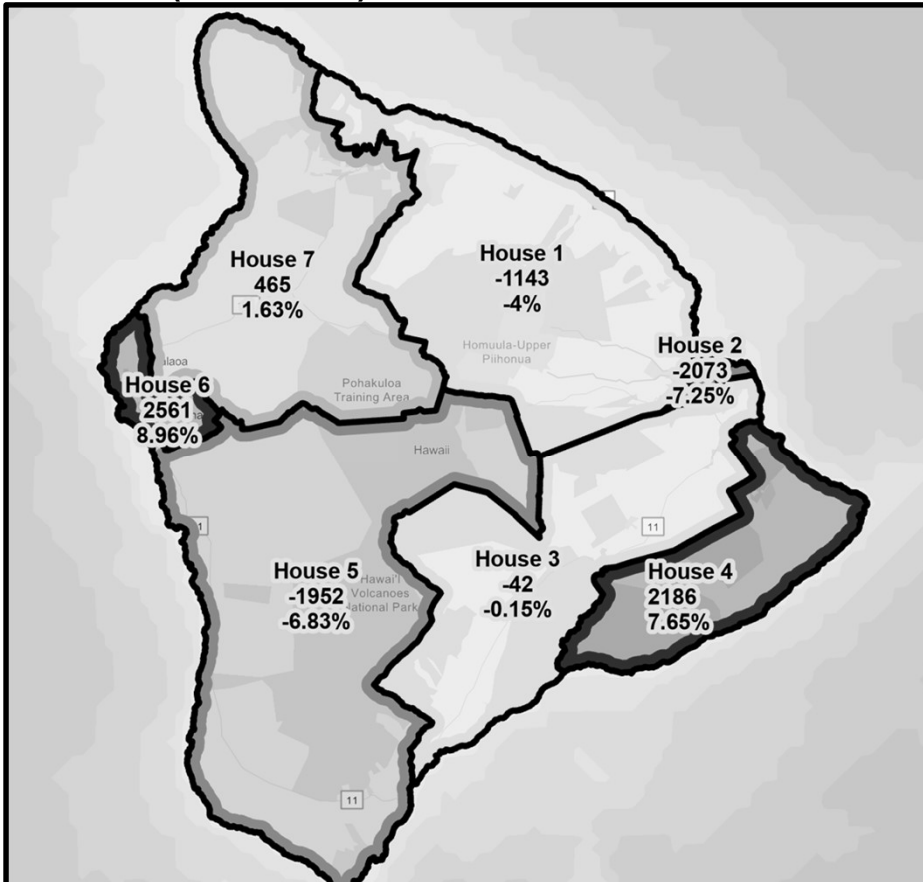
Technical Group

Present proposed legislative plans to Commission

Current (2011-2020)

16.21% → 5.72%

Proposed by Technical Group on 10/14



OVERALL DEVIATION RANGE

Plan: STATE HOUSE (current 2011-2020) districts	Plan Deviation:	16.21%
Hawaii BIU (7 seats)	highest deviation:	8.96%
BIU target population 28,584 per district	lowest deviation:	-7.25%

OVERALL DEVIATION RANGE

Plan: STATE HOUSE (TG proposed 10/14) districts	Plan Deviation:	5.72%
Hawaii BIU (7 seats)	highest deviation:	3.63%
BIU target population 28,584 per district	lowest deviation:	-2.09%

Proposed Legislative Plan – Maui Senate

Redistricting

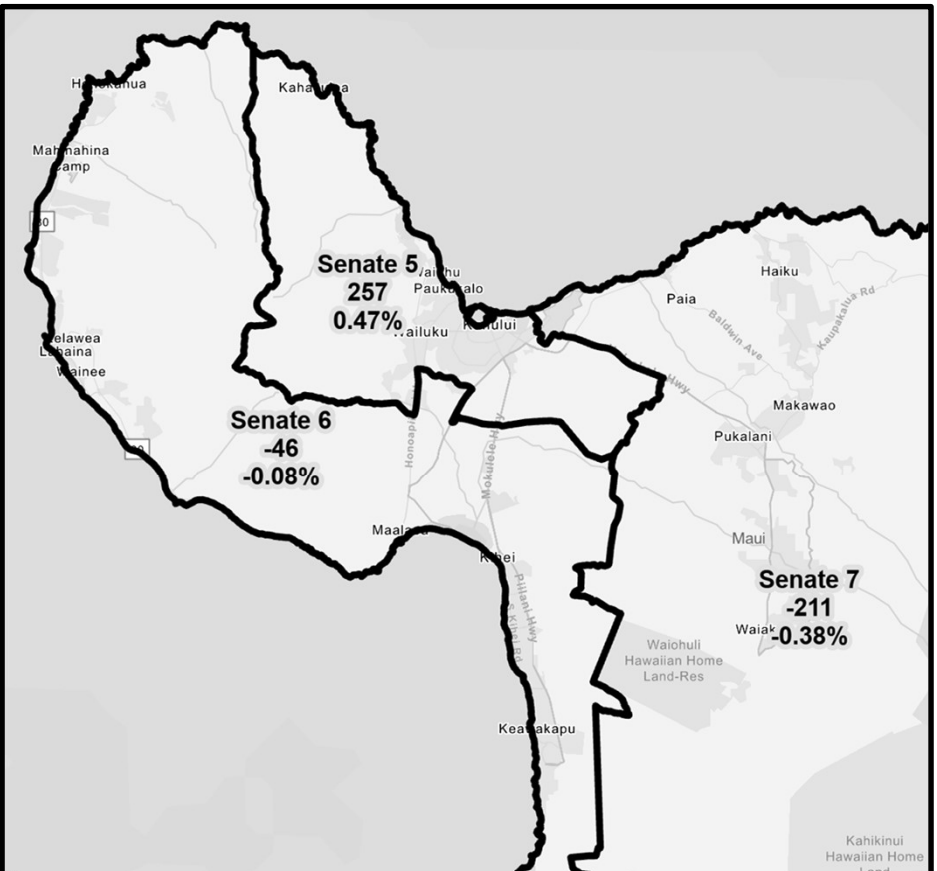
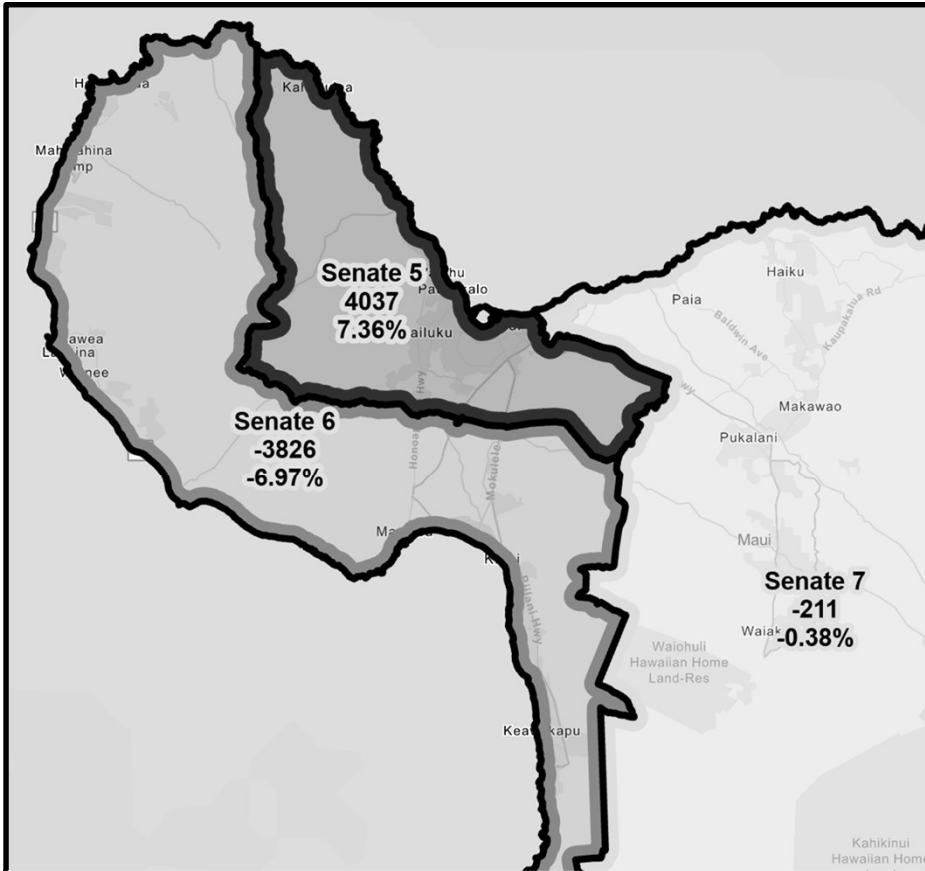
Technical Group

Present proposed legislative plans to Commission

Current (2011-2020)

14.33% → 0.85%

Proposed by Technical Group on 10/14



OVERALL DEVIATION RANGE		
Plan: STATE SENATE (current 2011-2020) districts	Plan Deviation:	14.33%
Maui BIU (3 seats)	highest deviation:	7.36%
BIU target population 54,870 per district	lowest deviation:	-6.97%

OVERALL DEVIATION RANGE		BASIC ISLAND UNIT TARGETS	
Plan: STATE SENATE (TG proposed 10/14) districts	Plan Deviation:		0.85%
Maui BIU (3 seats)	highest deviation:		0.47%
BIU target population 54,870 per district	lowest deviation:		-0.38%

Proposed Legislative Plan – Maui House

Redistricting

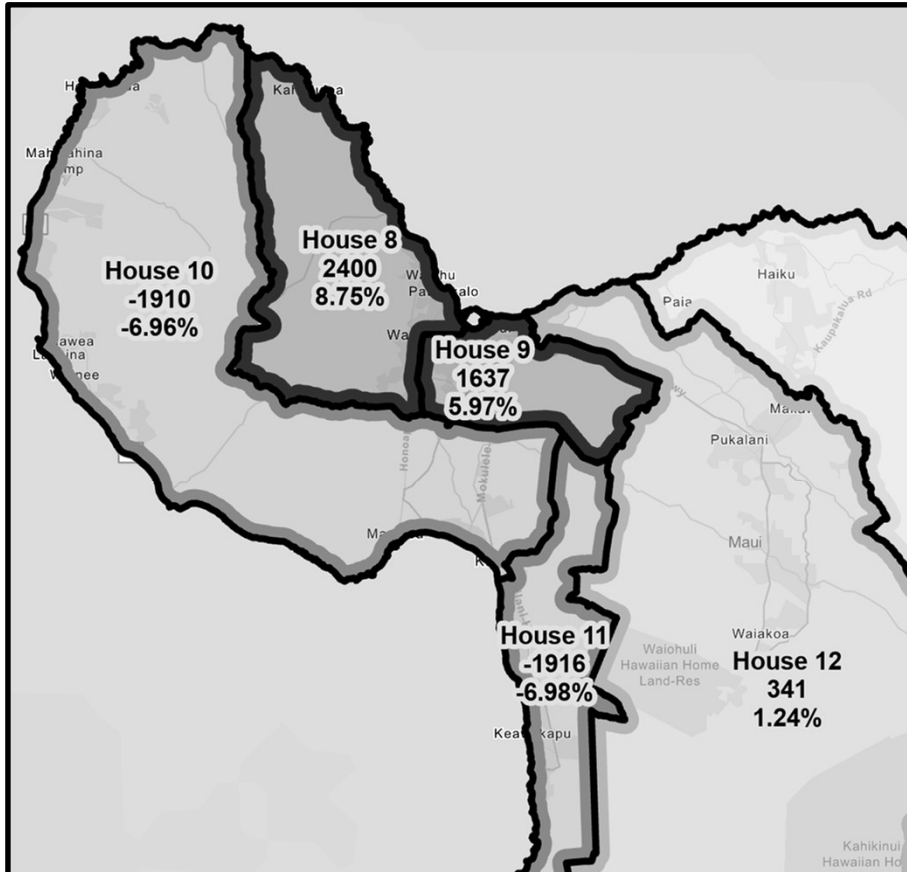
Technical Group

Present proposed legislative plans to Commission

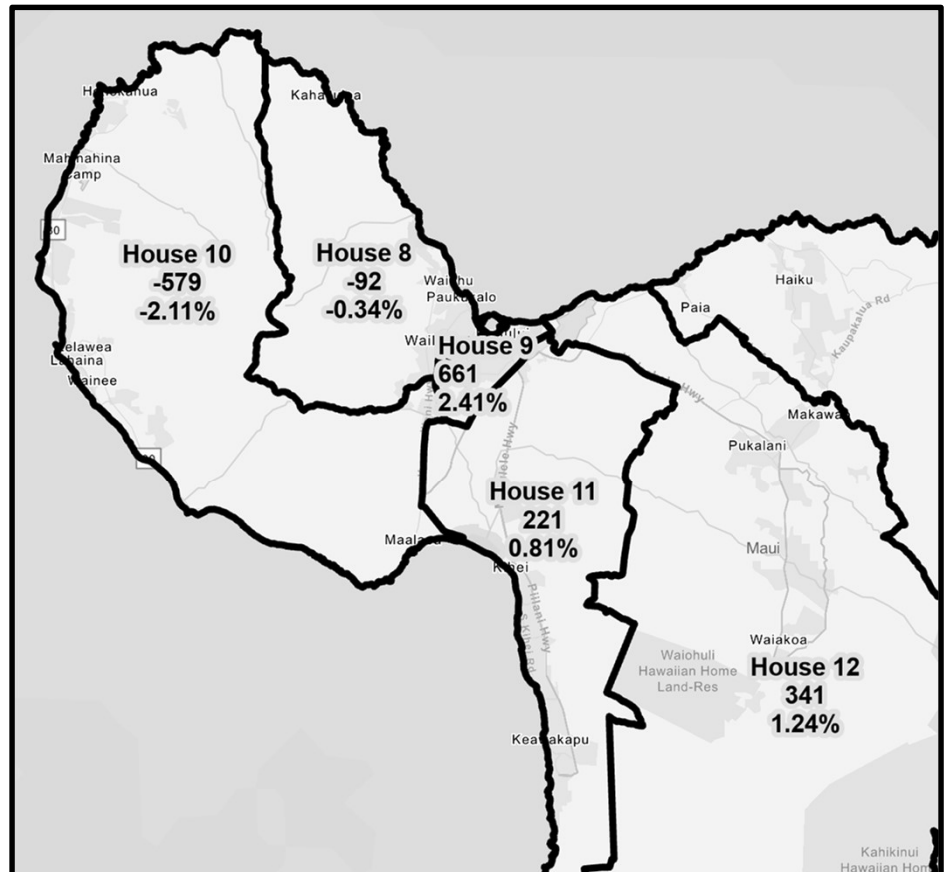
Current (2011-2020)

15.73% → 4.52%

Proposed by Technical Group on 10/14



OVERALL DEVIATION RANGE			
Plan: STATE HOUSE (current 2011-2020) districts	Plan Deviation:	15.73%	
Maui BIU (6 seats)	highest deviation:	8.75%	
BIU target population 27,435 per district	lowest deviation:	-6.98%	



OVERALL DEVIATION RANGE			
Plan: STATE HOUSE (TG proposed 10/14) districts	Plan Deviation:	4.52%	
Maui BIU (6 seats)	highest deviation:	2.41%	
BIU target population 27,435 per district	lowest deviation:	-2.11%	

Proposed Legislative Plan – Kauai House

Redistricting

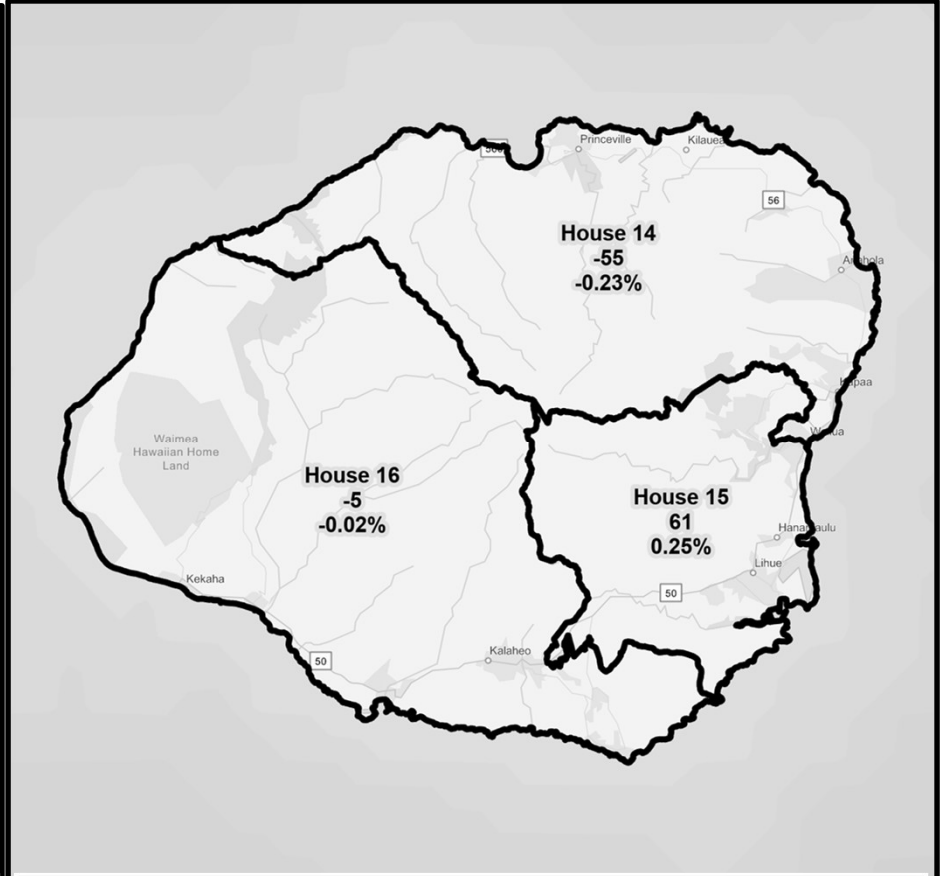
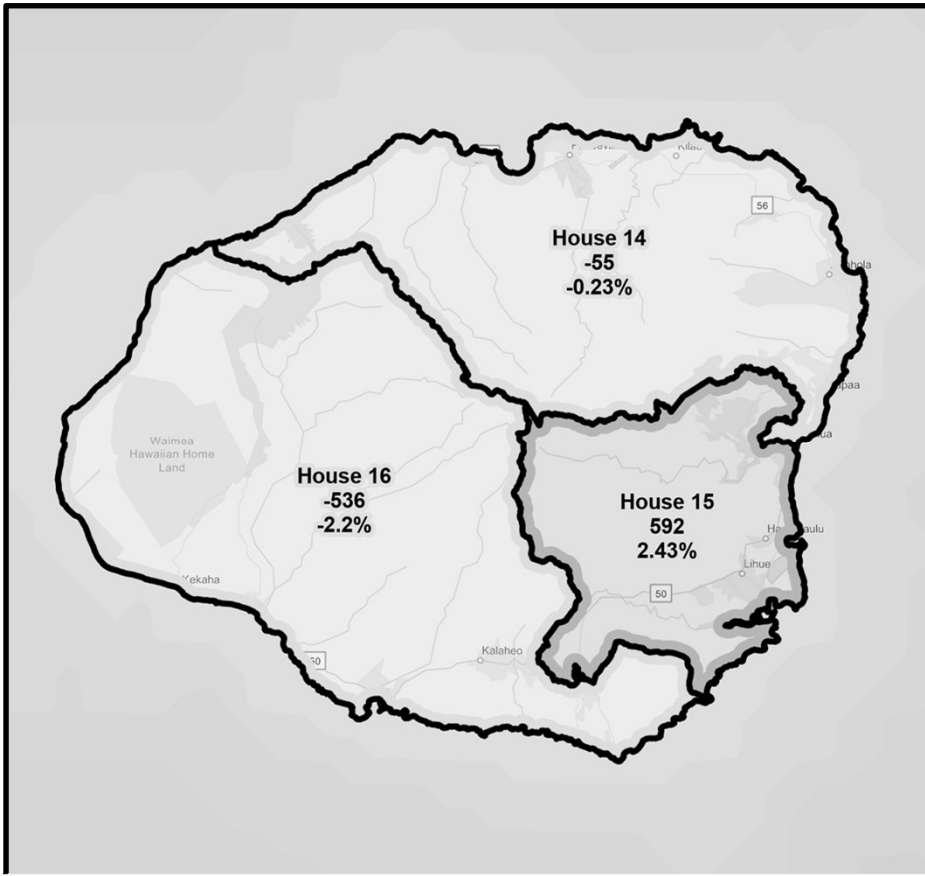
Technical Group

Present proposed legislative plans to Commission

Current (2011-2020)

4.63% → 0.48%

Proposed by Technical Group on 10/14



OVERALL DEVIATION RANGE

Plan: STATE HOUSE (current 2011-2020) districts	Plan Deviation:	4.63%
Kauai BIU (3 seats)	highest deviation:	2.43%
BIU target population 24,332 per district	lowest deviation:	-2.20%

OVERALL DEVIATION RANGE

Plan: STATE HOUSE (TG proposed 10/14) districts	Plan Deviation:	0.48%
Kauai BIU (3 seats)	highest deviation:	0.25%
BIU target population 24,332 per district	lowest deviation:	-0.23%

Proposed Legislative Plan – Oahu Senate

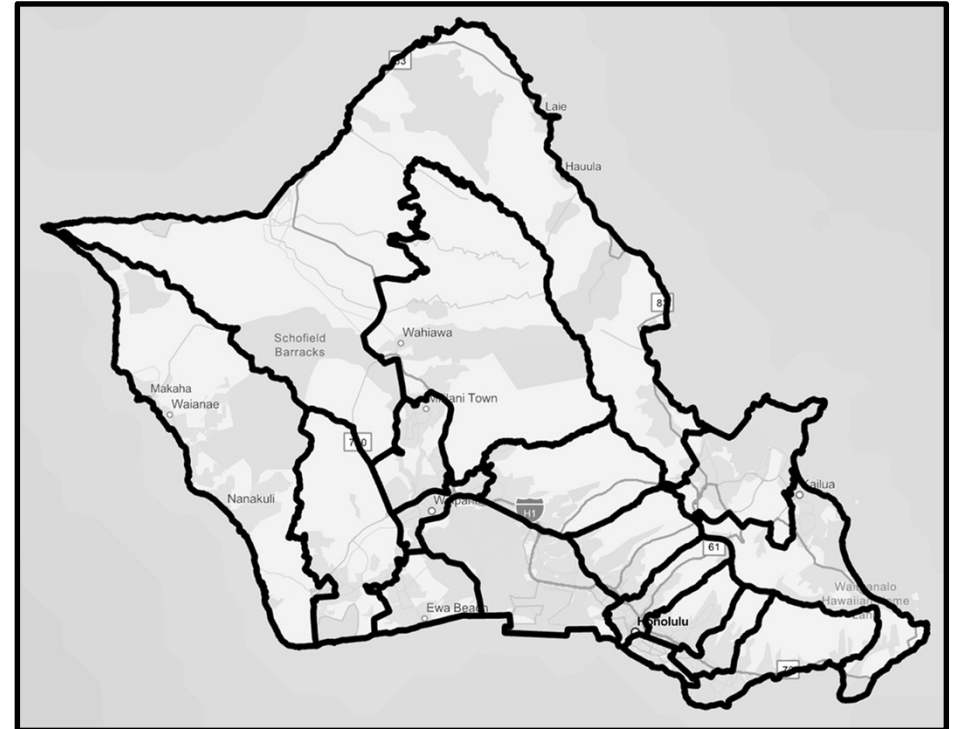
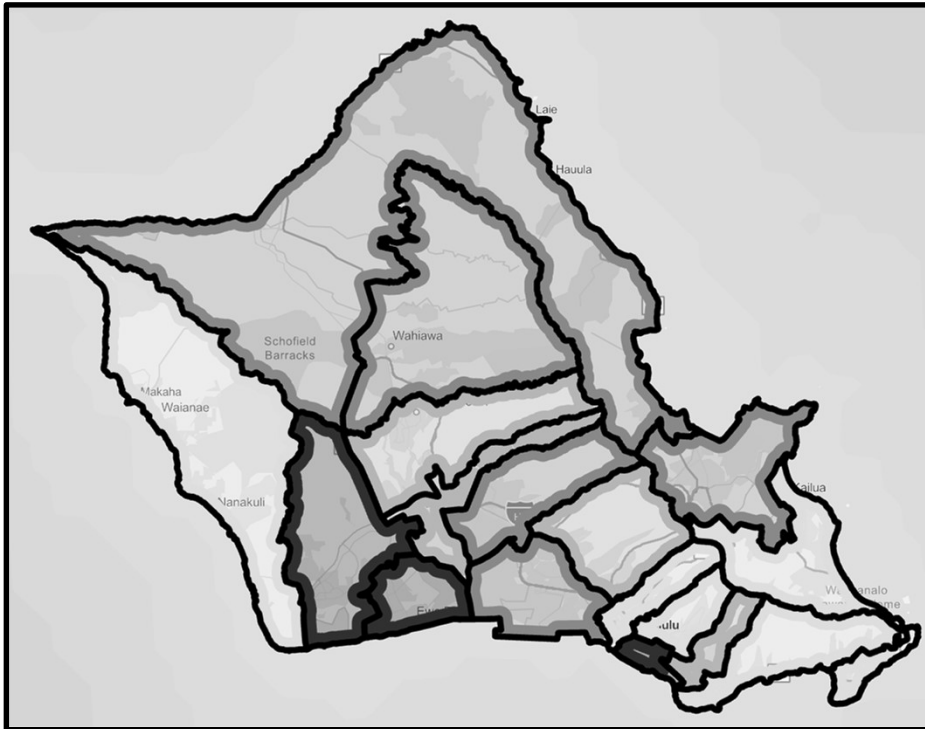
**Redistricting
Technical Group**

Present proposed legislative plans to Commission

Current (2011-2020)

30.72% → 7.93%

Proposed by Technical Group on 10/14



OVERALL DEVIATION RANGE

Plan: STATE SENATE (current 2011-2020) districts
Oahu BIU (17 seats)
 BIU target population 55,642 per district

Plan Deviation: 30.72%
 highest deviation: 15.35%
 lowest deviation: -15.37%

OVERALL DEVIATION RANGE

Plan: STATE SENATE (TG proposed 10/14) districts
Oahu BIU (17 seats)
 BIU target population 55,642 per district

BASIC ISLAND UNIT TARGETS

Plan Deviation: 7.93%
 highest deviation: 3.83%
 lowest deviation: -4.10%

Proposed Legislative Plan – Oahu House

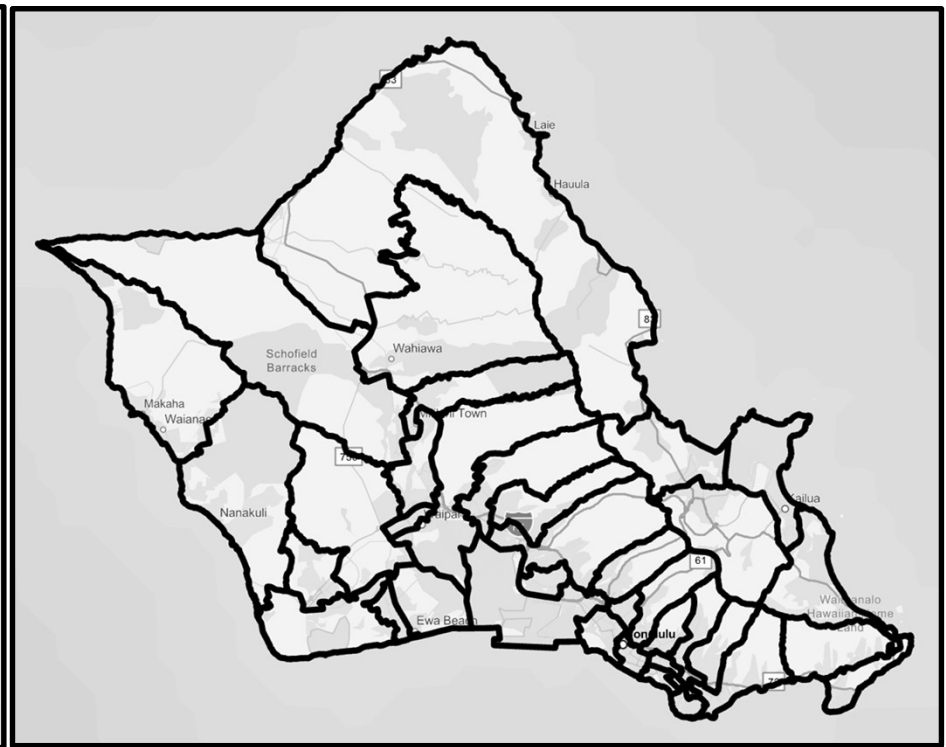
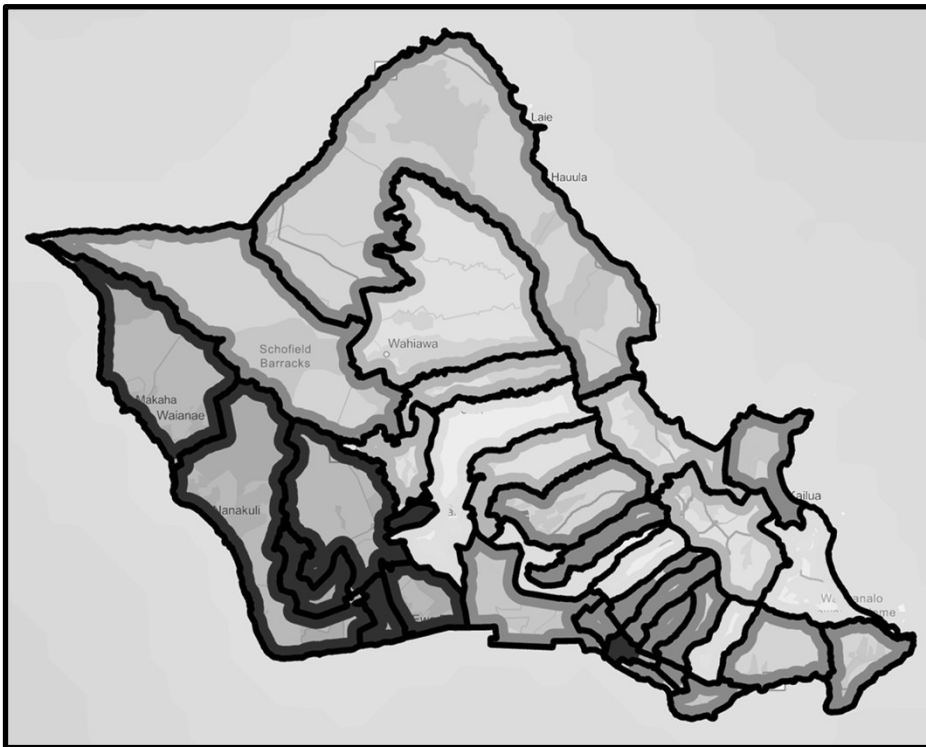
Redistricting
Technical Group

Present proposed legislative plans to Commission

Current (2011-2020)

56.17% → 8.54%

Proposed by Technical Group on 10/14



OVERALL DEVIATION RANGE

Plan: STATE HOUSE (current 2011-2020) districts	Plan Deviation:	56.17%
Oahu BIU (35 seats)	highest deviation:	39.60%
BIU target population 27,026 per district	lowest deviation:	-16.57%

OVERALL DEVIATION RANGE

Plan: STATE HOUSE (TG proposed 10/14) districts	Plan Deviation:	8.54%
Oahu BIU (35 seats)	highest deviation:	4.24%
BIU target population 27,026 per district	lowest deviation:	-4.30%

Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting

Technical Group

Detailed Maps – PDF and Interactive

– Legislative Redistricting Plans

The Technical Committee Permitted Interaction Group presented a legislative redistricting plan for consideration.

- Current Maps
 - [Hawaii Senate](#)
 - [Hawaii House](#)
 - [Maui Senate](#)
 - [Maui House](#)
 - [Kauai House](#)
 - [Oahu Senate](#)
 - [Oahu House](#)
- Technical Group Maps
 - [Hawaii Senate](#)
 - [Hawaii House](#)
 - [Maui Senate](#)
 - [Maui House](#)
 - [Kauai House](#)
 - [Oahu Senate](#)
 - [Oahu House](#)
- [Hawaii Senate and House interactive maps](#)
- [Maui Senate and House interactive maps](#)
- [Kauai House interactive maps](#)
- [Oahu Senate and House interactive maps](#)

Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting Technical Group

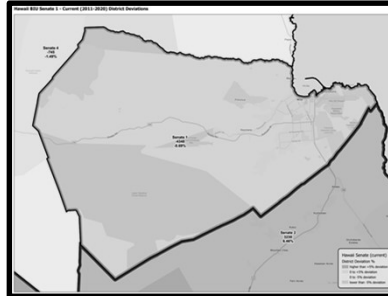
Legislative Redistricting Plans

The Technical Committee Permitted Interaction Group

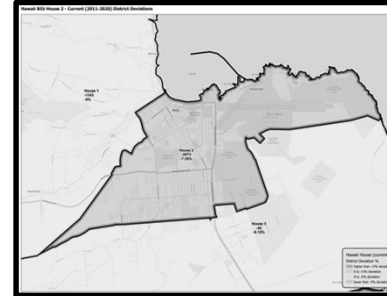
- Current Maps
 - [Hawaii Senate](#)
 - [Hawaii House](#)
 - [Maui Senate](#)
 - [Maui House](#)
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 - [Oahu Senate](#)
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- [Hawaii Senate and House interactive maps](#)
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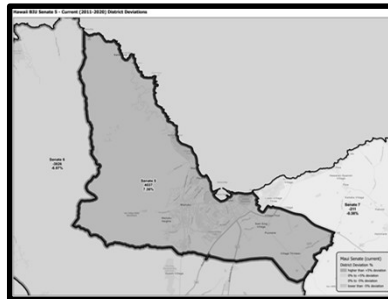
Detailed Maps – PDFs (one page per current district)



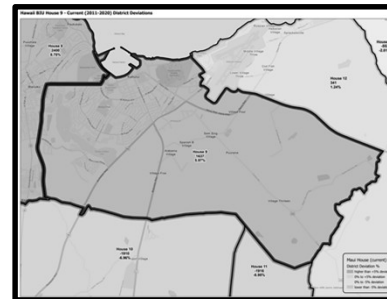
Hawaii Senate



Hawaii House



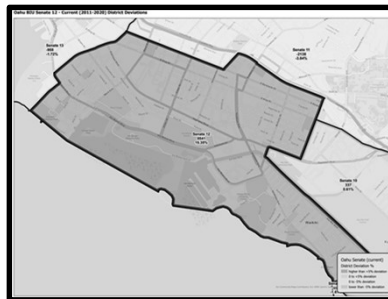
Maui Senate



Maui House



Kauai House



Oahu Senate



Oahu House

Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting Technical Group

Legislative Redistricting Plans

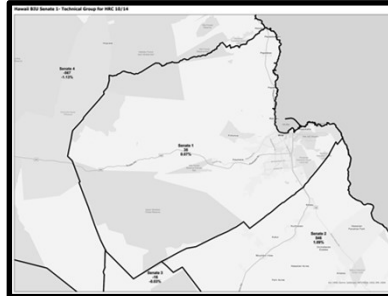
The Technical Committee Permitted Interaction Group

- Current Maps
 - [Hawaii Senate](#)
 - [Hawaii House](#)
 - [Maui Senate](#)
 - [Maui House](#)
 - [Kauai House](#)
 - [Oahu Senate](#)
 - [Oahu House](#)

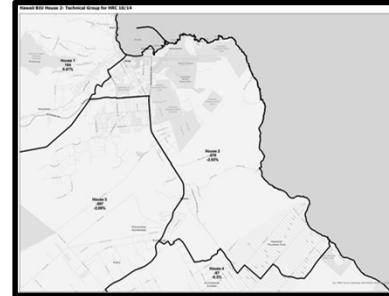
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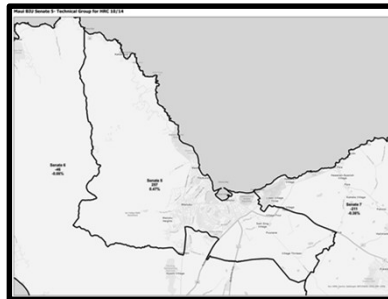
Detailed Maps – PDFs (one page per proposed district)



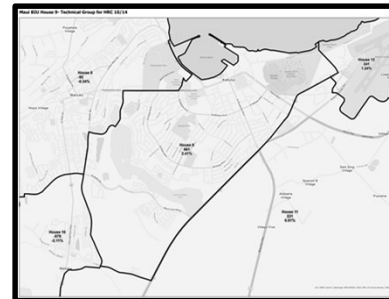
Hawaii Senate



Hawaii House



Maui Senate



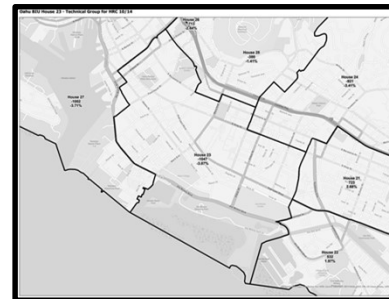
Maui House



Kauai House



Oahu Senate



Oahu House

Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting Technical Group

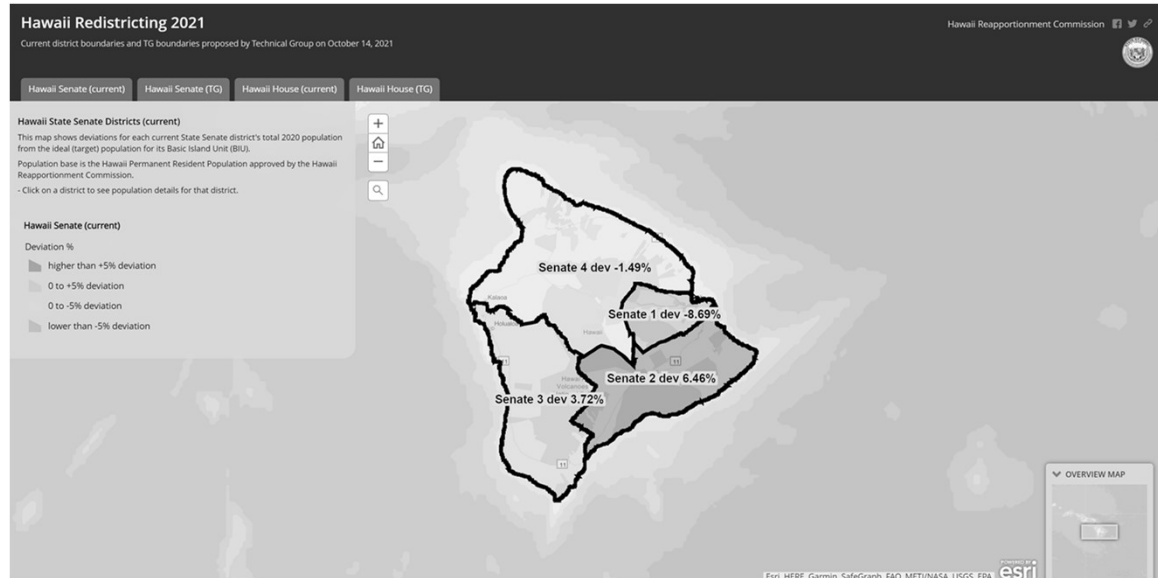
Legislative Redistricting Plans

The Technical Committee Permitted Interaction Group

- Current Maps
 - [Hawaii Senate](#)
 - [Hawaii House](#)
 - [Maui Senate](#)
 - [Maui House](#)
 - [Kauai House](#)
 - [Oahu Senate](#)
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 - [Oahu House](#)

- [Hawaii Senate and House interactive maps](#)
- [Maui Senate and House interactive maps](#)
- [Kauai House interactive maps](#)
- [Oahu Senate and House interactive maps](#)

Detailed Maps – Interactive (both current and proposed)



Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting Technical Group

Legislative Redistricting Plans

The Technical Committee Permitted Interaction Group

- Current Maps
 - [Hawaii Senate](#)
 - [Hawaii House](#)
 - [Maui Senate](#)
 - [Maui House](#)
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- [Oahu Senate and House interactive maps](#)

Detailed Maps – Interactive (both current and proposed)



Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting Technical Group

Legislative Redistricting Plans

The Technical Committee Permitted Interaction Group

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 - [Maui House](#)
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 - [Oahu House](#)

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- [Maui Senate and House interactive maps](#)
- [Kauai House interactive maps](#)
- [Oahu Senate and House interactive maps](#)

Detailed Maps – Interactive (both current and proposed)

The screenshots show three interactive maps for Hawaii, Maui, and Kauai. Each map displays current district boundaries and Technical Group (TG) boundaries proposed on October 14, 2021. The maps include a legend for population deviations and an overview map.

Hawaii Redistricting 2021
 Current district boundaries and TG boundaries proposed by Technical Group on October 14, 2021.
 Legend: Deviation %
 - higher than +5% deviation
 - 0% to +5% deviation
 - 0% to -5% deviation
 - lower than -5% deviation

Maui Redistricting 2021
 Current district boundaries and TG boundaries proposed by Technical Group on October 14, 2021.
 Legend: Deviation %
 - higher than +5% deviation
 - 0% to +5% deviation
 - 0% to -5% deviation
 - lower than -5% deviation

Kauai Redistricting 2021
 Current district boundaries and TG boundaries proposed by Technical Group on October 14, 2021.
 Legend: Deviation %
 - higher than +5% deviation
 - 0% to +5% deviation
 - 0% to -5% deviation
 - lower than -5% deviation

Map labels for Kauai:
 House 14 dev -0.23%
 House 15 dev 2.43%
 House 16 dev -2.2%

Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting Technical Group

Legislative Redistricting Plans

The Technical Committee Permitted Interaction Group

- Current Maps
 - [Hawaii Senate](#)
 - [Hawaii House](#)
 - [Maui Senate](#)
 - [Maui House](#)
 - [Kauai House](#)
 - [Oahu Senate](#)
 - [Oahu House](#)
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- [Kauai House interactive maps](#)
- [Oahu Senate and House interactive maps](#)

Detailed Maps – Interactive (both current and proposed)

Hawaii Redistricting 2021
Current district boundaries and TG boundaries proposed by Technical Group on October 14, 2021

Maui Redistricting 2021
Current district boundaries and TG boundaries proposed by Technical Group on October 14, 2021

Kauai Redistricting 2021
Current district boundaries and TG boundaries proposed by Technical Group on October 14, 2021

Oahu Redistricting 2021
Current district boundaries and TG boundaries proposed by Technical Group on October 14, 2021

Oahu State Senate Districts (current)
This map shows deviations for each current State Senate district's total 2020 population from the ideal (target) population for its Basic Island Unit (BIU).
Population base is the Hawaii Permanent Resident Population approved by the Hawaii Reapportionment Commission.

Senate District	Deviation %
Senate 11 dev	-3.84%
Senate 12 dev	15.35%
Senate 14 dev	0.18%
Senate 17 dev	1.05%
Senate 18 dev	2.19%
Senate 19 dev	13.54%
Senate 20 dev	15.12%
Senate 21 dev	-1.07%
Senate 22 dev	-6.45%
Senate 23 dev	-15.37%
Senate 24 dev	-5.23%
Senate 25 dev	-0.96%

Deviation %

- higher than +5% deviation
- 0 to +5% deviation
- 0 to -5% deviation
- lower than -5% deviation

ESRI, HERE, Garmin, SafeGraph, MET/NASA, USGS, EPA, USDA

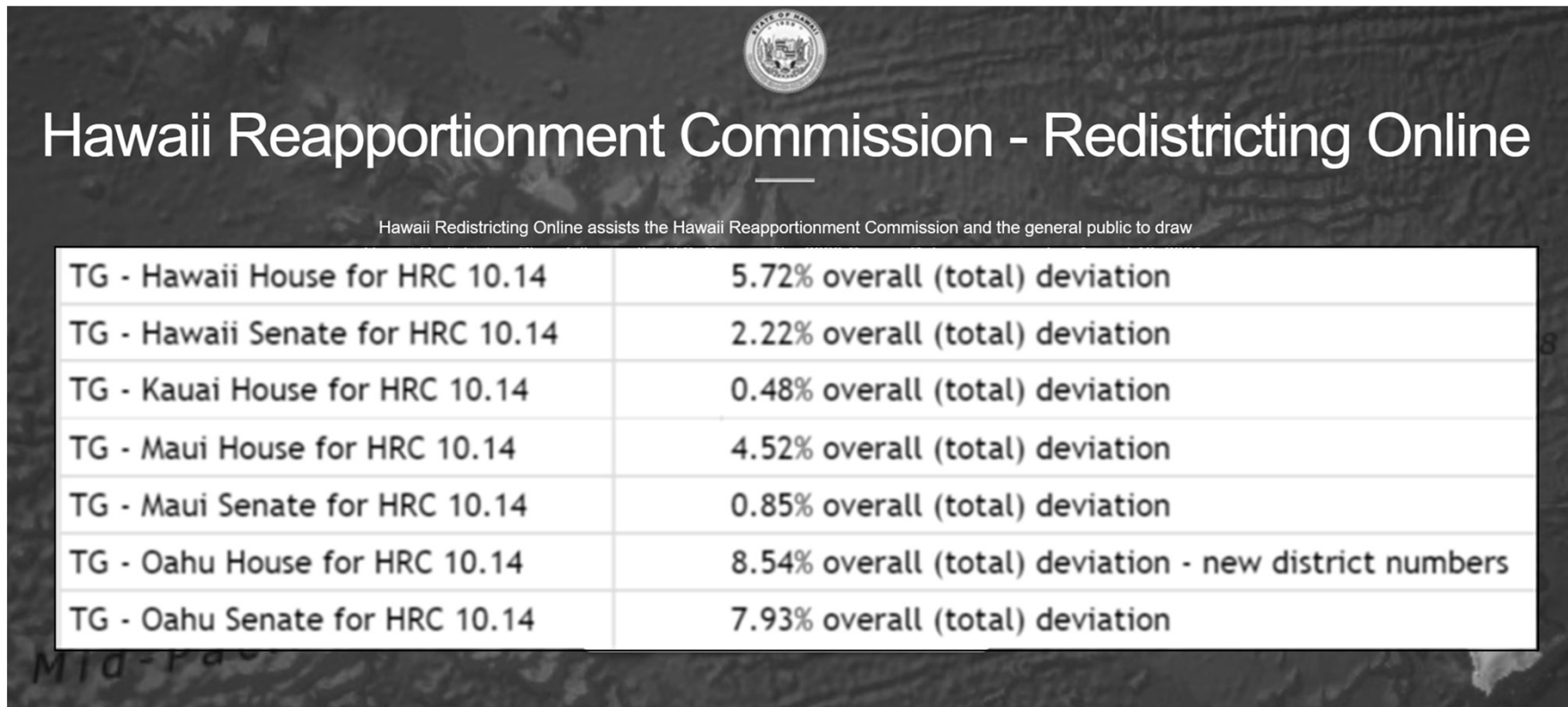
Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting

Technical Group

Detailed Maps – Hawaii Redistricting Online



The screenshot shows the header of the Hawaii Redistricting Online website. At the top center is the seal of the State of Hawaii. Below the seal is the title "Hawaii Reapportionment Commission - Redistricting Online". Underneath the title is a subtitle: "Hawaii Redistricting Online assists the Hawaii Reapportionment Commission and the general public to draw". The main content is a table with two columns: the legislative plan name and the overall (total) deviation percentage.

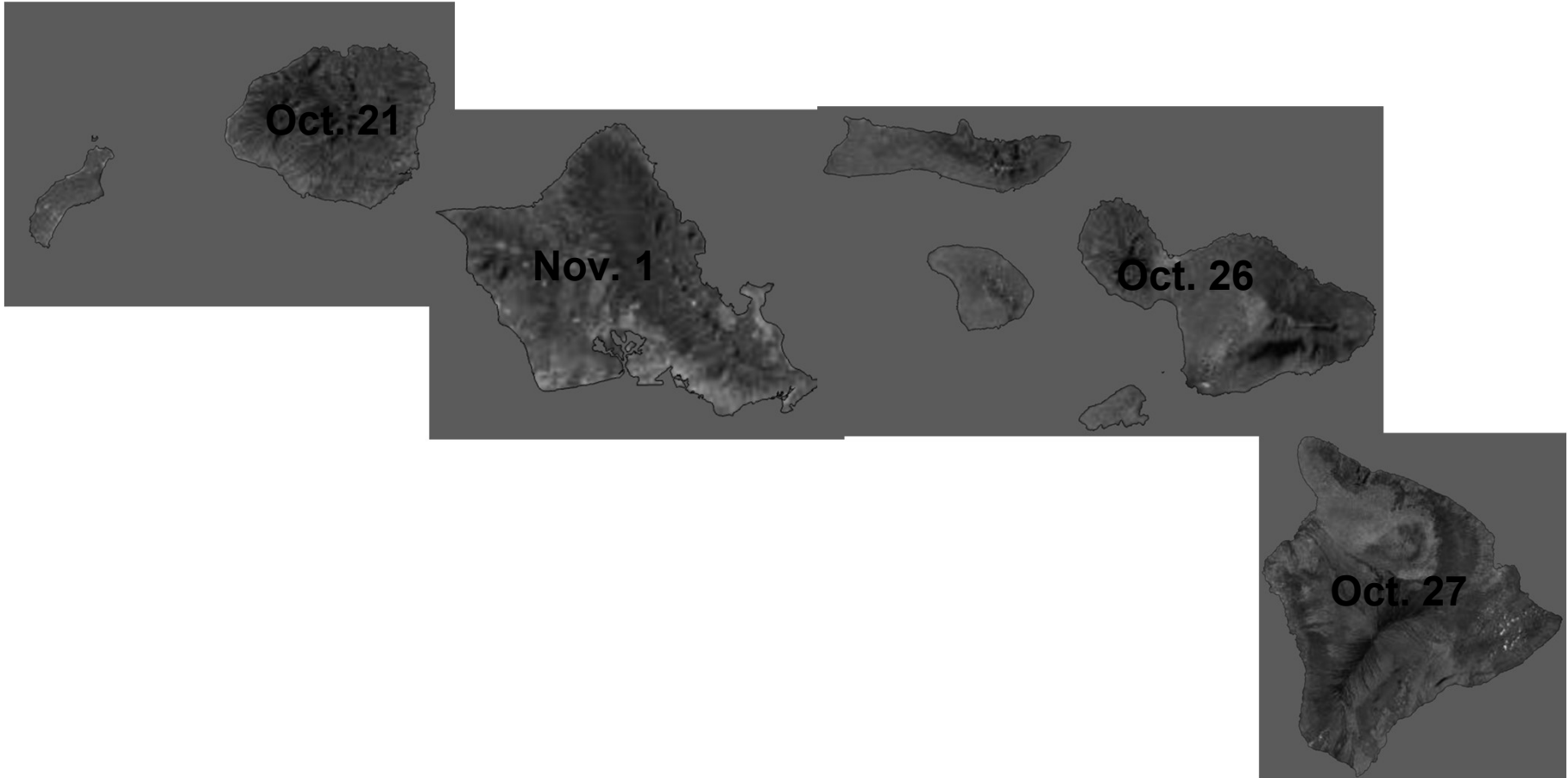
Legislative Plan	Overall (total) deviation
TG - Hawaii House for HRC 10.14	5.72%
TG - Hawaii Senate for HRC 10.14	2.22%
TG - Kauai House for HRC 10.14	0.48%
TG - Maui House for HRC 10.14	4.52%
TG - Maui Senate for HRC 10.14	0.85%
TG - Oahu House for HRC 10.14	8.54% overall (total) deviation - new district numbers
TG - Oahu Senate for HRC 10.14	7.93%

<https://redistricting.hawaii.esriemcs.com/redistricting/index.html>

Proposed Legislative Plans – Advisory Councils

October 21 – November 1, 2021

- Oct. 21 Kauai BIU
- Oct. 26 Maui BIU
- Oct. 27 Hawaii BIU
- Nov. 1 Oahu BIU



Proposed Legislative Plans – Step by Step

Census

- ✓ FPB Federal Population Base (P.L. 94-171)
- ✓ HPB Hawaii Permanent Resident Population Base

Reapportionment

- ✓ Federal FPB - Congressional (U.S. House)
- ✓ State HPB - State Senate and State House

Redistricting

- ✓ Staff Prepare template plans for current (2011-2020) districts
- ✓ Technical Group Prepare proposed legislative plans
- ✓ Technical Group Present proposed legislative plans to Commission
- ⇒ Commission Adopts proposed legislative plans
- Public Comments on proposed legislative plans
- Technical Group Revises legislative plans and presents to Commission
- Commission Adopts final legislative plans
- Office of Elections Final report and maps

Reprecincting

- Office of Elections Ballot types – Congressional + State + County
- County Clerks New precincts, assign voters to new precincts

Election

- Candidate Filing March 1, 2022
- Primary August 13, 2022
- General November 8, 2022

Proposed Legislative Plans – Public Hearings

November 23 – December 6, 2021 (pending confirmation)

Nov. 23 Kauai

Nov. 24 Oahu East

Nov. 26 Hawaii West

Nov. 27 Hawaii East

Dec. 1 Maui

Dec. 1 Maui

Dec. 2 Maui

Dec. 3 Oahu

Dec. 4 Oahu

Dec. 6 Maui

Lahaina

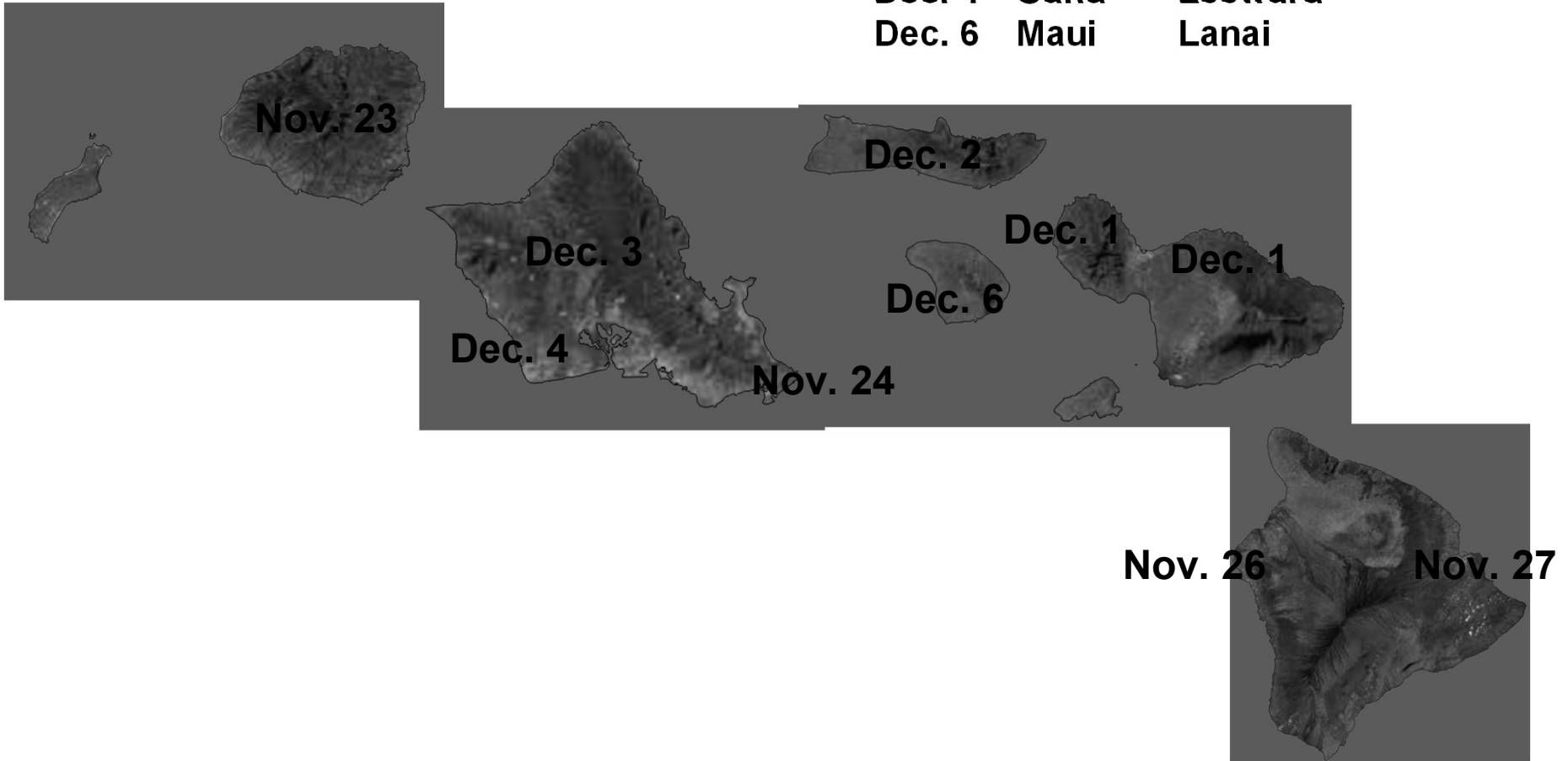
Kahului

Molokai

Central

Leeward

Lanai




Proposed Legislative Plans – Maps

(available since Oct. 14)

Redistricting
Commission

Detailed Maps – Hawaii Redistricting Online



Hawaii Reapportionment Commission - Redistricting Online

Hawaii Redistricting Online assists the Hawaii Reapportionment Commission and the general public to draw

proposed - Hawaii House	5.72% overall (total) deviation
proposed - Hawaii Senate	2.22% overall (total) deviation
proposed - Kauai House	0.48% overall (total) deviation
proposed - Maui House	4.52% overall (total) deviation
proposed - Maui Senate	0.85% overall (total) deviation
proposed - Oahu House	8.54% overall (total) deviation - new district numbers
proposed - Oahu Senate	7.93% overall (total) deviation

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Submitted Legislative Plans

Hawaii Redistricting Online

180 named users

7 plans submitted

(as of 10/25/2021)

3 Oahu Senate

4 Oahu House



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Questions?

Redistricting

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