

LOS ANGELES COUNTY CITIZENS REDISTRICTING COMMISSION

AMENDED Agenda for Public Hearing No. 3/Special Meeting – Wednesday, December 1, 2021, 6:30 p.m.

Zoom Virtual Conference



To attend or participate virtually: [Click Here](#)
or: <https://us02web.zoom.us/j/82726060927>



To listen or participate by phone, call:
(669) 900-9128, enter: 827 2606 0927#



To view via web on YouTube: [Click Here](#)
or: <https://www.youtube.com/LACountyRedistricting/>



To submit written comments on Agenda items:

1. Online at: [Click Here](#) or <https://publiccomment.redistricting.lacounty.gov/>
 2. Email to: LA County CRC Clerk, Thai V. Le, TLe@crc.lacounty.gov OR
 3. Mail to: P.O. Box. 56447, Sherman Oaks, CA 91413
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LOS ANGELES COUNTY CITIZENS REDISTRICTING COMMISSION

AMENDED Agenda for Public Hearing No. 3/Special Meeting – Wednesday, December 1, 2021, 6:30 p.m.
Zoom Virtual Conference

Commissioner Daniel Mayeda, Co-Chair
Commissioner Jean Franklin
Commissioner David Holtzman
Commissioner Mary Kenney
Commissioner Mark Mendoza
Commissioner Apolonio Morales
Commissioner Nelson Obregon

Commissioner Carolyn Williams, Co-Chair
Commissioner Priscilla Orpinela-Segura
Commissioner Hailes Soto
Commissioner Saira Soto
Commissioner Brian Stecher
Commissioner John Vento
Commissioner Doreena Wong

Meeting Location

LA County CRC public hearing will begin at 6:30 pm on Wednesday, December 1, 2021. The LA County CRC's [Resolution No. 2021-03](#) enables the Commission to meet virtually in accordance with Government Code section 54953(e)(3) to extend the time during which the Commission may continue to teleconference its meeting without compliance with paragraph (3) of subdivision (b) of section 54953 because of the COVID- 19 pandemic and health issues. You may attend the meeting by Zoom or phone, or watch it on YouTube:

- Zoom: <https://us02web.zoom.us/j/82726060927>
- Phone: (669) 900-9128, enter: 827 2606 0927#
- YouTube live stream online: <https://www.youtube.com/LACountyRedistricting/>

Public Comment Submissions

Prior to the LA County CRC Meeting

Comments submitted **before 5:00 p.m. on November 30, 2021**, will be distributed to the Commissioners and posted online ahead of the meeting for the public record. You can submit public comments by:

- Online at: [Click Here](#) or <https://publiccomment.redistricting.lacounty.gov/> (also use this link if you want to speak at the LA County CRC meeting)
- Email to: LA County CRC Clerk, Thai V. Le, TLe@crc.lacounty.gov
- Mail to: P.O. Box. 56447, Sherman Oaks, CA 91413



How to Sign-Up to Make Public Comment During the Meeting

The LA County CRC is committed to receiving all public comment on redistricting map options. ***To give a fair opportunity for those who wish to make a comment orally, the Commission will receive oral public comment from anyone who submits a request to speak by 8:00 p.m. on the day of the Public Hearing.*** The Commission also welcomes written public comments at any time.

Please provide written public comment—including map preferences and suggestions for modifying a map or maps—by using the public comment form that will be made available in the "Chat" function of the Zoom meeting. The form also can be accessed at any time on the Commission's website:

www.redistricting.lacounty.gov.

- Please complete the online public comment form/speaker card at: [Click Here](https://publiccomment.redistricting.lacounty.gov/) or <https://publiccomment.redistricting.lacounty.gov/>

If you are unable to complete the online speaker card, here are some other options:

- If you are participating by Zoom, submit a request to speak, using the Q&A feature. The request should include:
 - Your name
 - Organization (if you are presenting any)
 - Agenda item(s) on which you request to comment
- If you are participating via phone, press *9 to raise your hand. Once called upon, press *6 to unmute and speak.
- Registered speakers' names will be called during public comment for the item(s) listed. The host will enable you to speak after you are called.

Advance Notice for Accommodations

Spanish interpreters will be provided.

Please telephone (818) 907-0397 (voice) from 8:00 a.m. to 5:00 p.m., Monday – Friday, or you may email: gchartsough@crc.lacounty.gov if you require other accommodations. **Upon 24 hours' advance notice, accommodations, such as sign language interpretation, and other translation services can be provided.**

- ***Se proporcionarán intérpretes de español. Para información en español, por favor comuníquese al número (213) 974 1431, entre 8:00 a.m. y 5:00 p.m., de lunes a viernes.***
- **For information in other languages, please call (213) 974 1431, between 8:00 a.m. and 5:00 p.m., Monday through Friday.**

The Commission reserves the right to alter the order of the agenda to allow for an effective meeting.

Note: Any written materials submitted to the Commission are public record under the Public Records Act.



Agenda

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA – Co-Chair Carolyn Williams
4. ACTION/DISCUSSION ITEMS

Approach to Each Action/Discussion Item

For each Action/Discussion Item on the Agenda:

1. Item is introduced
2. Staff present staff report or PowerPoint, if used
3. Commissioners can ask clarifying questions of staff during or after the presentation
4. Public Comment on that specific item is held
5. Public Comment is closed
6. Commission discusses, debates, and votes on the item

The LA County CRC is committed to receiving all public comment on redistricting map options. To give a fair opportunity for those who wish to make a comment orally, the Commission will receive oral public comment from anyone who submits a request to speak by 8:00 p.m. on the day of the Public Hearing. The Commission also welcomes written public comments at any time.

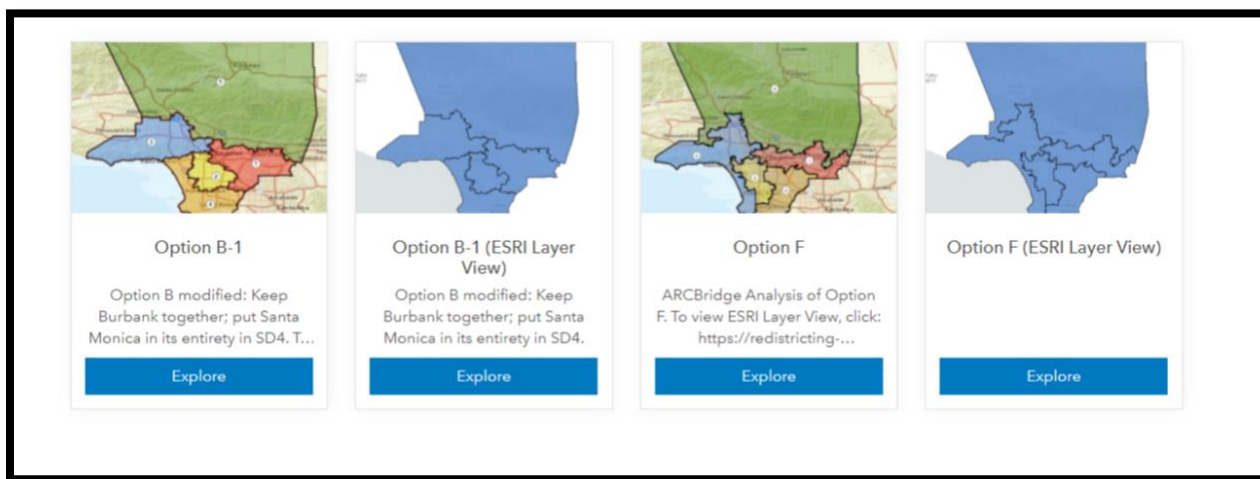
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4a. Public Hearing on Two DRAFT Maps and Discussion of Map Options, including Commissioners' observations and suggested modifications, and Potential Direction to ARCBridge/Staff Regarding Map Modifications — Co-Chairs Dan Mayeda and Carolyn Williams

Here is a visualization of the two current map options – Map Option B-1 and Map Option F (a modification of Map Option A-1) – that are under consideration.





In compliance with Elections Code section 21534, subd. (c)(4)(B)., the current two map options (labeled as Map B-1 and Map F) are posted on the LA County CRC website: <https://redistricting.lacounty.gov/>. They can also be found on the redistricting hub (<https://redistricting-lacounty.hub.arcgis.com/>)

Map details in a PDF format are attached to this Agenda and linked below:

- [Supervisory District Map B-1](#)
- [Supervisory District Map F](#)

NOTE: Members of the public interested in viewing submitted plans in the redistricting mapping software can follow the instructions in this [video](#) once logged into the [redistricting mapping software](#). Viewing the submitted plans in the mapping software allows for a more in-depth exploration of the plans, including identifying specific communities and cities. Members of the public can also use the software to save their own version of the draft maps, make modifications, and submit for the public and Commissioners to view. To view the map option details in the ESRI Layer View, use these links:

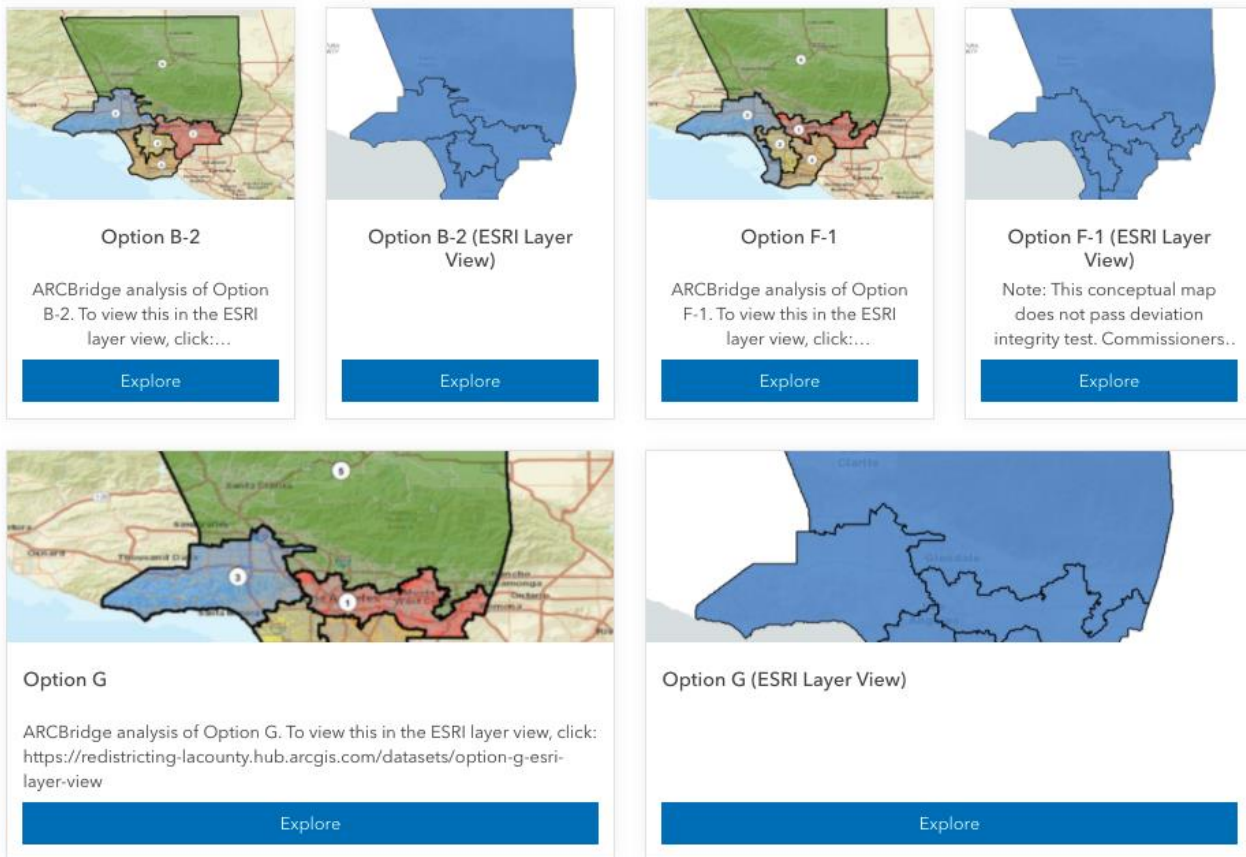
- [Supervisory District Map B-1 \(Esri Layer View\)](#)
- [Supervisory District Map F \(Esri Layer View\)](#)

The [Scorecard of Map Options](#) on the map options is posted on the LA County CRC website and redistricting map hub as well. The [Scorecard of all Maps Submitted](#) is also available there.

AMENDED:

At the Special Meeting on November 29, 2021, the Commissioners voted to include in Public Hearing No. 3 additional draft map options for further public input and discussion:





In compliance with Elections Code section 21534, subd. (c)(4)(B).), the additional draft map options (labeled as Option B-2, Option F-1, Option G) are posted on the LA County CRC website: <https://redistricting.lacounty.gov/>. They can also be found on the redistricting hub (<https://redistricting-lacounty.hub.arcgis.com/>)

Map details in a PDF format are attached to this Agenda and linked below:

- [Supervisory District Map B-2](#)
- [Supervisory District Map F-1](#)
- [Supervisory District Map G](#)

NOTE: Members of the public interested in viewing submitted plans in the redistricting mapping software can follow the instructions in this [video](#) once logged into the [redistricting mapping software](#). Viewing the submitted plans in the mapping software allows for a more in-depth exploration of the plans, including identifying specific communities and cities. Members of the public can also use the software to save their own version of the draft maps, make modifications, and submit for the public and Commissioners to view. To view the map option details in the ESRI Layer View, use these links:



- [Supervisory District Map B-2 \(Esri Layer View\)](#)
- [Supervisory District Map F-1 \(Esri Layer View\)](#)
- [Supervisory District Map G \(Esri Layer View\)](#)

The [Scorecard of Map Options](#) is posted on the LA County CRC website and redistricting map hub as well. The [Scorecard of all Maps Submitted](#) is also available there.

5. EXECUTIVE DIRECTOR'S REPORT – Gayla Kraetsch Hartsough, Ph.D.

6. ADJOURNMENT – Co-Chair Dan Mayeda

To sign up for receiving future LA County CRC notices: redistricting.lacounty.gov

To provide written public comment for the public hearings on draft map options:
<https://publiccomment.redistricting.lacounty.gov/>





LOS ANGELES COUNTY **REDISTRICTING 2021**

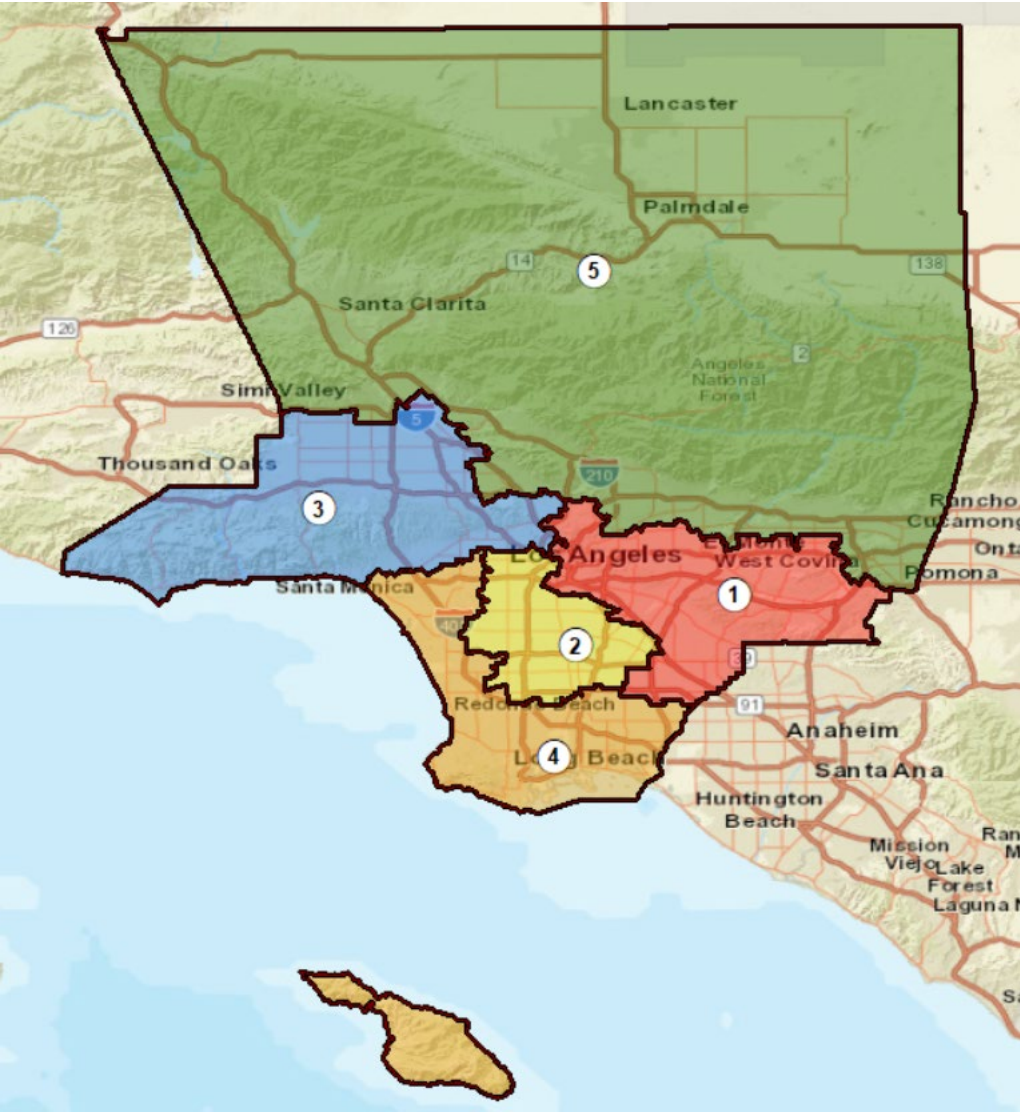
ANALYSIS OF Draft Plan
Name: Draft Map B – Revised 11-11-21

Presentation to the County of LOS ANGELES
CITIZENS REDISTRICTING COMMISSION

ARCBridge Consulting & Training Inc.
www.arcbridge.com



Plan Name: Draft Map B

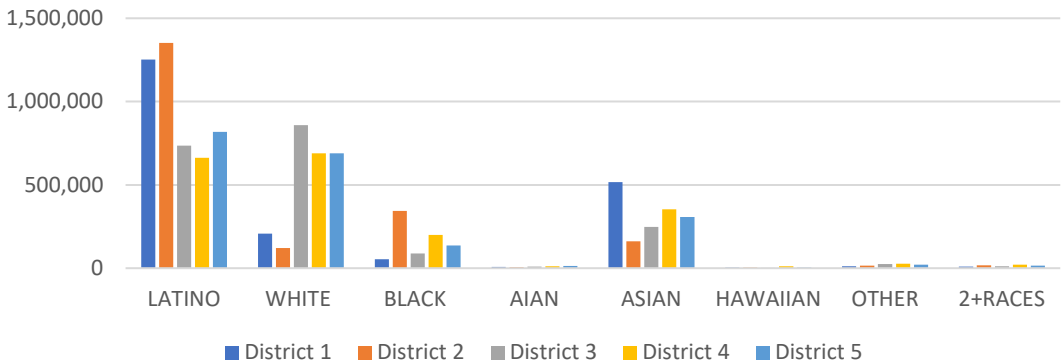


Maximum Deviation – 4.25%

Name	Total Pop	Deviation	Deviation %
1	2,063,488	53,903	2.68%
2	2,020,611	11,026	0.55%
3	1,980,321	-29,264	-1.46%
4	1,978,030	-31,555	-1.57%
5	2,005,476	-4,109	-0.20%

District	Latino	%	White	%	Black	%	Asian	%
1	1,252,297	60.69%	208,008	10.08%	53,333	2.58%	517,245	25.07%
2	1,352,459	66.93%	120,365	5.96%	344,560	17.05%	161,160	7.98%
3	735,663	37.15%	858,787	43.37%	88,259	4.46%	248,437	12.55%
4	663,363	33.54%	689,097	34.84%	200,131	10.12%	352,933	17.84%
5	817,921	40.78%	689,684	34.39%	136,548	6.81%	308,317	15.37%

Ethnic and Racial Information by District



CENSUS 2020 POPULATION AND CITIZEN VOTING AGE POPULATION

TOTAL POPULATION

	District 1	District 2	District 3	District 4	District 5
LATINO	1,252,297	1,352,459	735,663	663,363	817,921
LATINO %	60.69%	66.93%	37.15%	33.54%	40.78%
WHITE	208,008	120,365	858,787	689,097	689,684
WHITE%	10.08%	5.96%	43.37%	34.84%	34.39%
BLACK	53,333	344,560	88,259	200,131	136,548
BLACK %	2.58%	17.05%	4.46%	10.12%	6.81%
AIAN	7,825	5,208	9,556	12,395	14,275
AIAN %	0.38%	0.26%	0.48%	0.63%	0.71%
ASIAN	517,245	161,160	248,437	352,933	308,317
ASIAN %	25.07%	7.98%	12.55%	17.84%	15.37%
HAWAIIAN	3,453	3,855	2,789	12,350	3,192
HAWAIIAN %	0.17%	0.19%	0.14%	0.62%	0.16%
OTHER	11,960	14,737	24,436	26,832	20,494
OTHER %	0.58%	0.73%	1.23%	1.36%	1.02%
2+RACES	9,367	18,267	12,394	20,929	15,045
2+RACES%	0.45%	0.90%	0.63%	1.06%	0.75%
TOTAL	2,063,488	2,020,611	1,980,321	1,978,030	2,005,476

VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
946,447	986,335	560,137	493,207	593,569
57.76%	63.61%	34.37%	30.76%	37.78%
185,941	107,253	745,985	602,591	586,357
11.35%	6.92%	45.77%	37.58%	37.32%
44,623	280,189	74,903	162,365	104,300
2.72%	18.07%	4.60%	10.13%	6.64%
6,703	4,243	8,236	10,719	11,993
0.41%	0.27%	0.51%	0.67%	0.76%
436,751	145,163	210,530	289,345	246,854
26.66%	9.36%	12.92%	18.04%	15.71%
2,785	2,994	2,228	9,727	2,539
0.17%	0.19%	0.14%	0.61%	0.16%
8,518	10,386	18,776	20,813	15,216
0.52%	0.67%	1.15%	1.30%	0.97%
6,712	14,131	8,904	14,788	10,457
0.41%	0.91%	0.55%	0.92%	0.67%
1,638,480	1,550,694	1,629,699	1,603,555	1,571,285

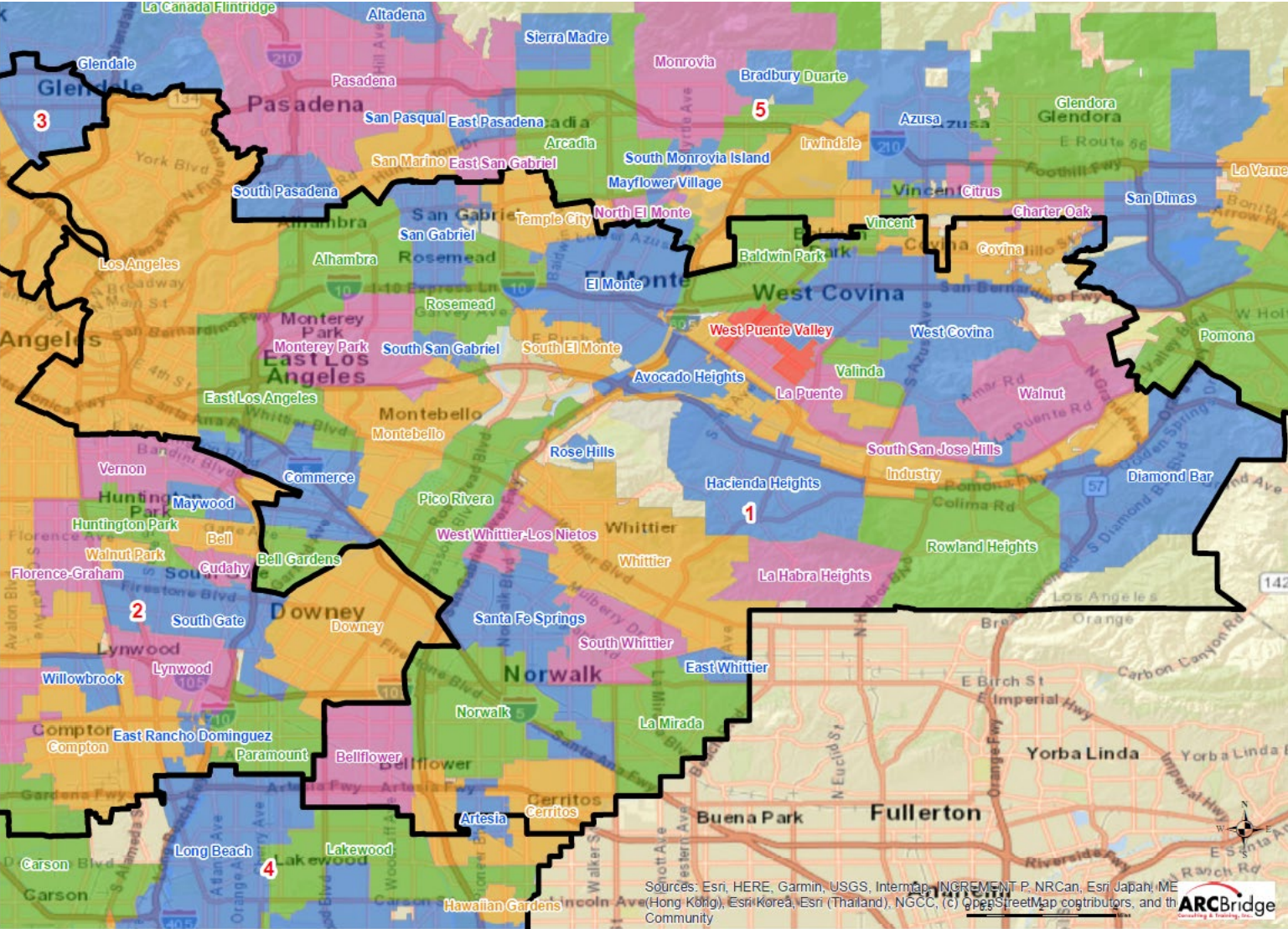
CITIZEN VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
719,516	573,312	377,887	347,284	433,769
55.05%	54.15%	28.65%	26.24%	33.18%
197,233	97,292	701,635	573,670	573,850
15.09%	9.19%	53.20%	43.35%	43.89%
44,036	281,285	68,245	158,637	97,938
3.37%	26.57%	5.17%	11.99%	7.49%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
332,694	93,850	156,035	216,959	182,231
25.45%	8.86%	11.83%	16.39%	13.94%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
13,535	13,016	14,957	26,793	19,652
1.04%	1.23%	1.13%	2.02%	1.50%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
1,307,014	1,058,755	1,318,759	1,323,343	1,307,440

NUMBER OF SPLIT CITIES/CSAS, LA CITY NEIGHBORHOOD COUNCILS, COIS

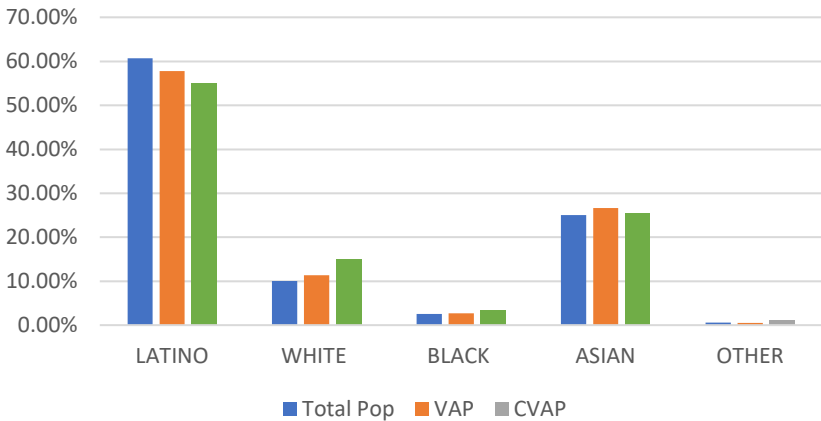
Max Deviation	Number of Districts with Polsby Popper-Compactness Score of >.2	# Majority Minority Districts		Splits		Community of Interest Models (COI)		
		Based on Total Population	Based on CVAP	Consolidated Statistical Areas (CSAs) # CSAs	Neighborhood Councils	COI A	COI B	COI C
4.57%	4	2	2	21	19	11	10	12

District 1



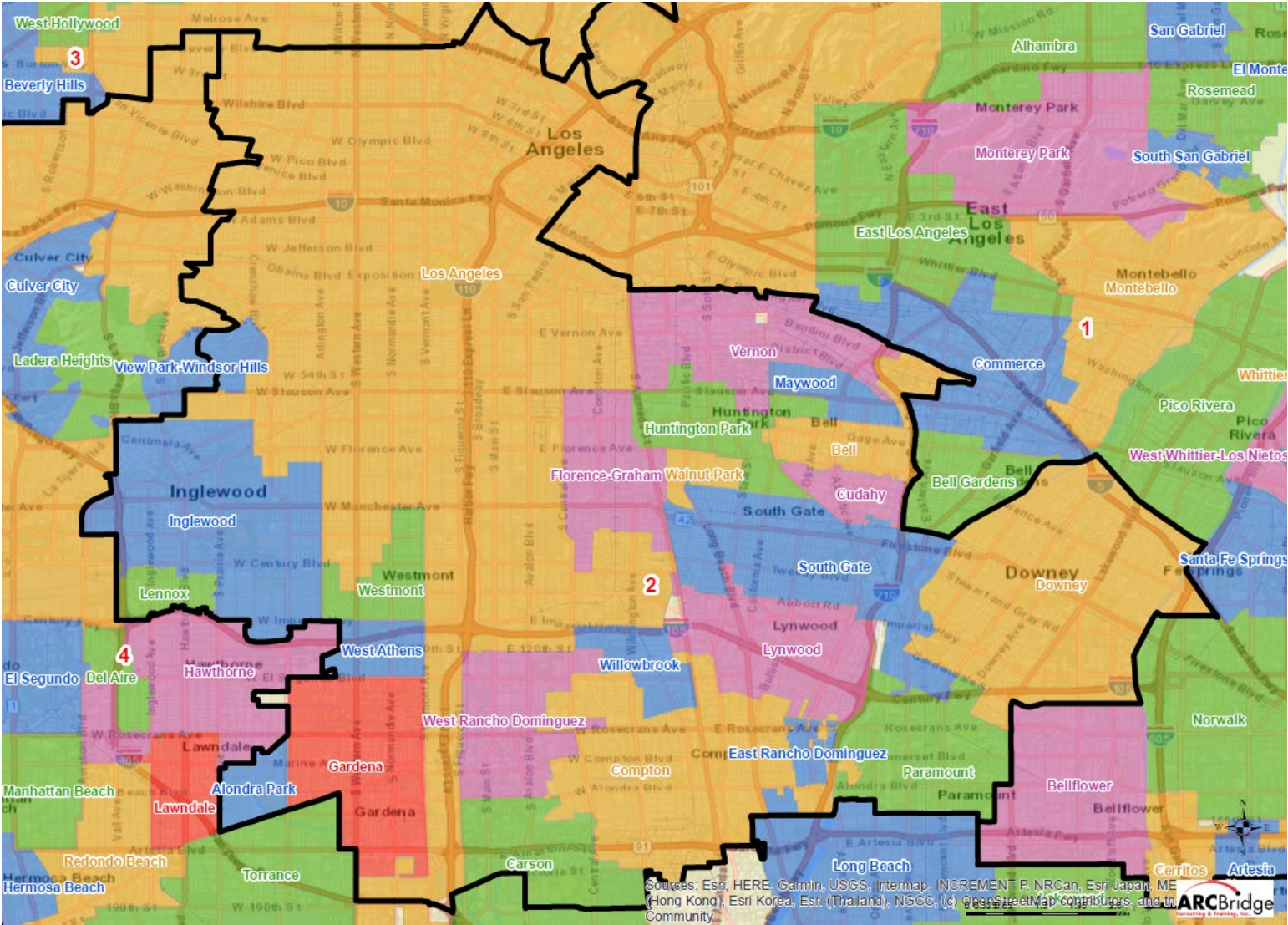
Name	Total Pop	Deviation	Deviation %
1	2,063,488	53,903	2.68%

Total Pop, VAP, CVAP



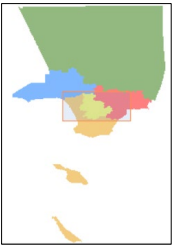
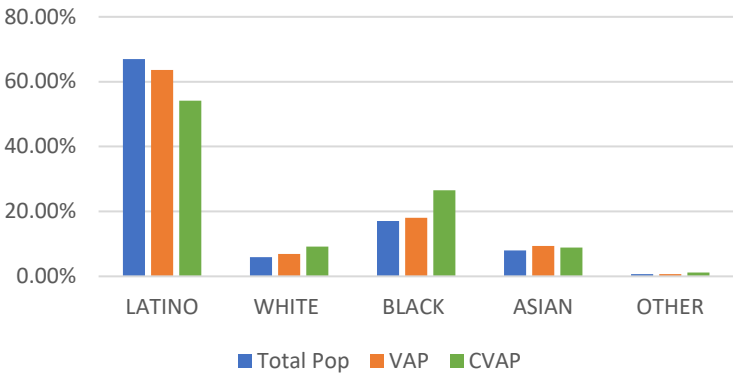
District 1	Total Pop	VAP	CVAP
LATINO	60.69%	57.76%	55.05%
WHITE	10.08%	11.35%	15.09%
BLACK	2.58%	2.72%	3.37%
ASIAN	25.07%	26.66%	25.45%
OTHER	0.58%	0.52%	1.04%

District 2



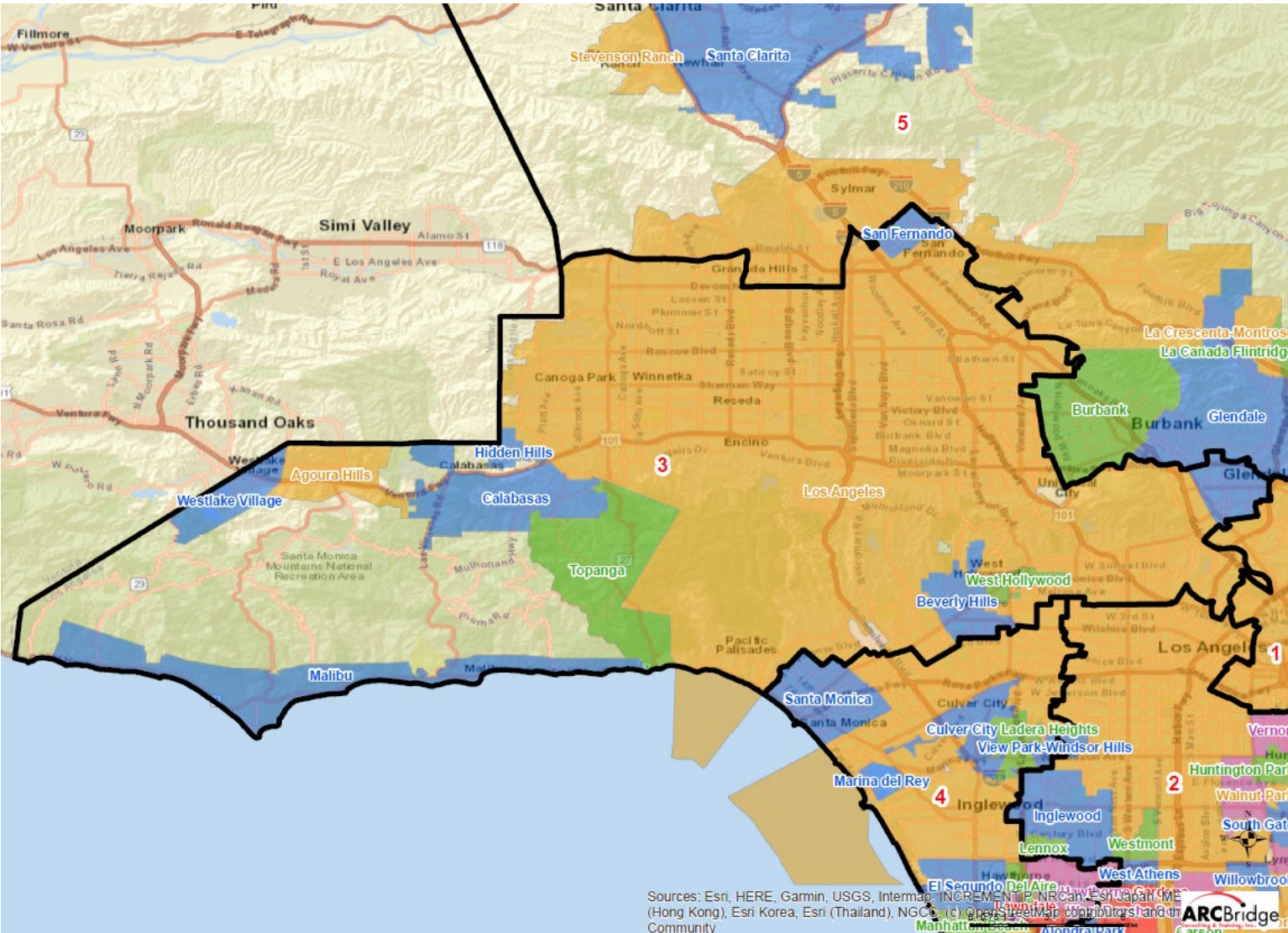
Name	Total Pop	Deviation	Deviation %
2	2,020,611	11,026	0.55%

Total Pop, VAP, CVAP



District 2	Total Pop	VAP	CVAP
LATINO	66.93%	63.61%	54.15%
WHITE	5.96%	6.92%	9.19%
BLACK	17.05%	18.07%	26.57%
ASIAN	7.98%	9.36%	8.86%
OTHER	0.73%	0.67%	1.23%

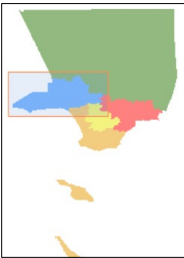
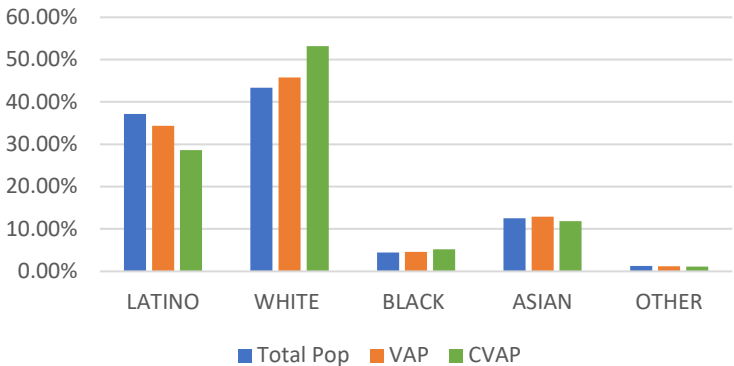
District 3



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, ME (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the ARC Bridge Community

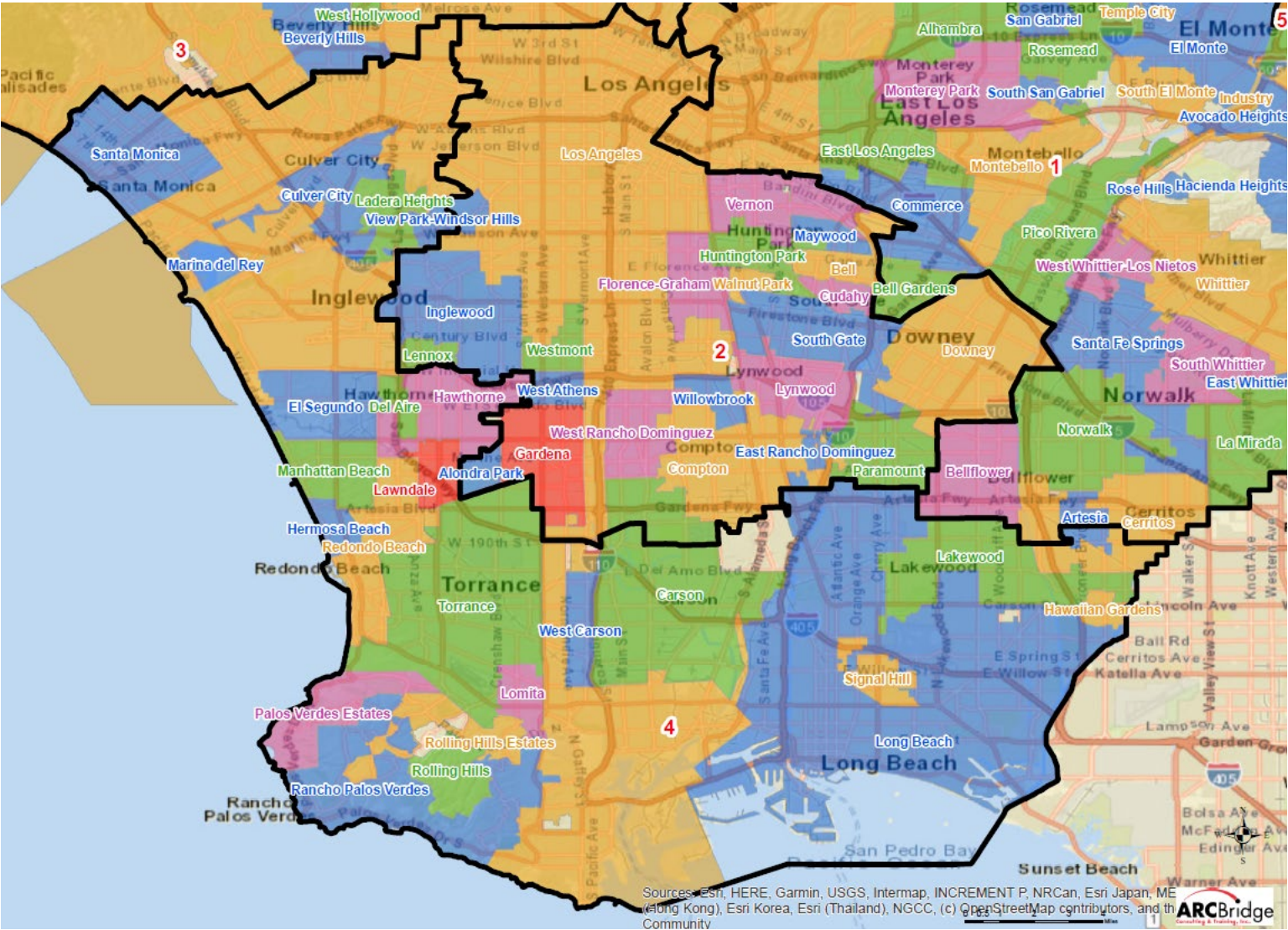
Name	Total Pop	Deviation	Deviation %
3	1,980,321	-29,264	-1.46%

Total Pop, VAP, CVAP



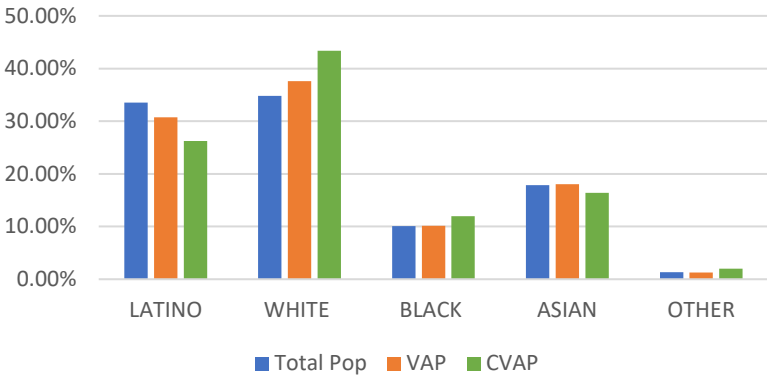
District 3	Total Pop	VAP	CVAP
LATINO	37.15%	34.37%	28.65%
WHITE	43.37%	45.77%	53.20%
BLACK	4.46%	4.60%	5.17%
ASIAN	12.55%	12.92%	11.83%
OTHER	1.23%	1.15%	1.13%

District 4



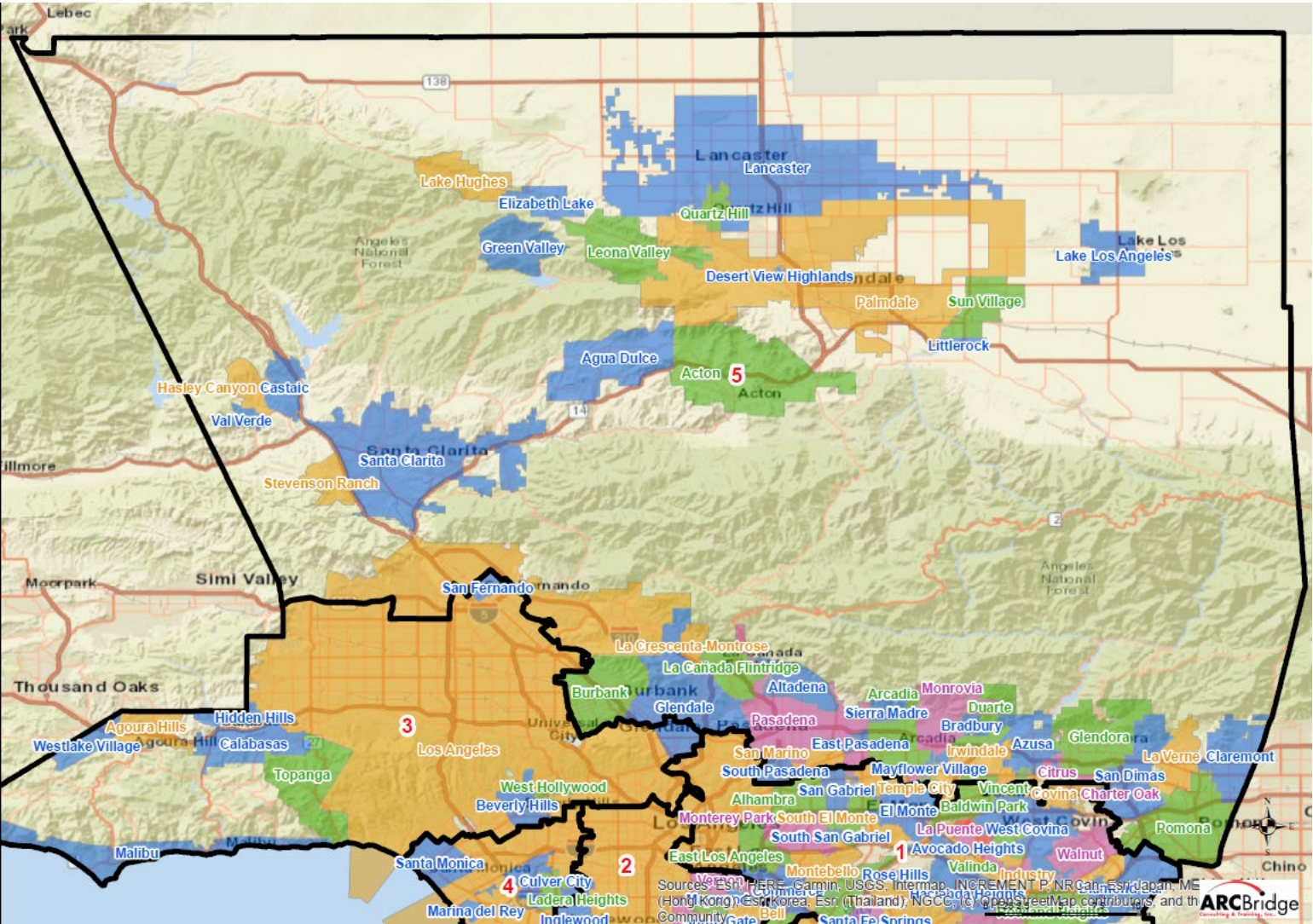
Name	Total Pop	Deviation	Deviation %
4	1,978,030	-31,555	-1.57%

Total Pop, VAP, CVAP



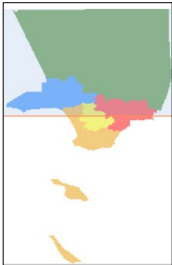
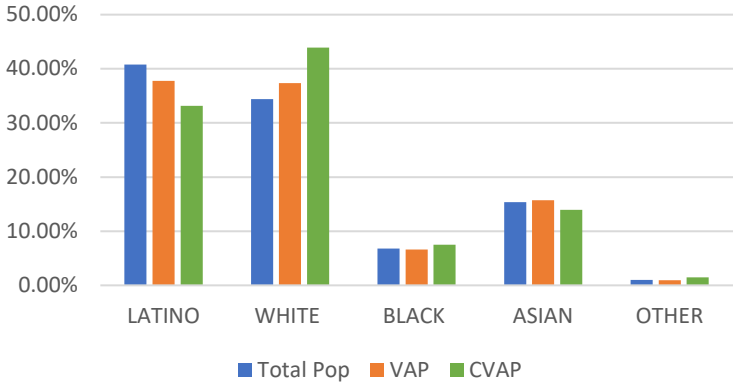
District 4	Total Pop	VAP	CVAP
LATINO	33.54%	30.76%	26.24%
WHITE	34.84%	37.58%	43.35%
BLACK	10.12%	10.13%	11.99%
ASIAN	17.84%	18.04%	16.39%
OTHER	1.36%	1.30%	2.02%

District 5



Name	Total Pop	Deviation	Deviation %
5	2,005,476	-4,109	-0.20%

Total Pop, VAP, CVAP



District 5	Total Pop	VAP	CVAP
LATINO	40.78%	37.78%	33.18%
WHITE	34.39%	37.32%	43.89%
BLACK	6.81%	6.64%	7.49%
ASIAN	15.37%	15.71%	13.94%
OTHER	1.02%	0.97%	1.50%



LOS ANGELES COUNTY **REDISTRICTING 2021**

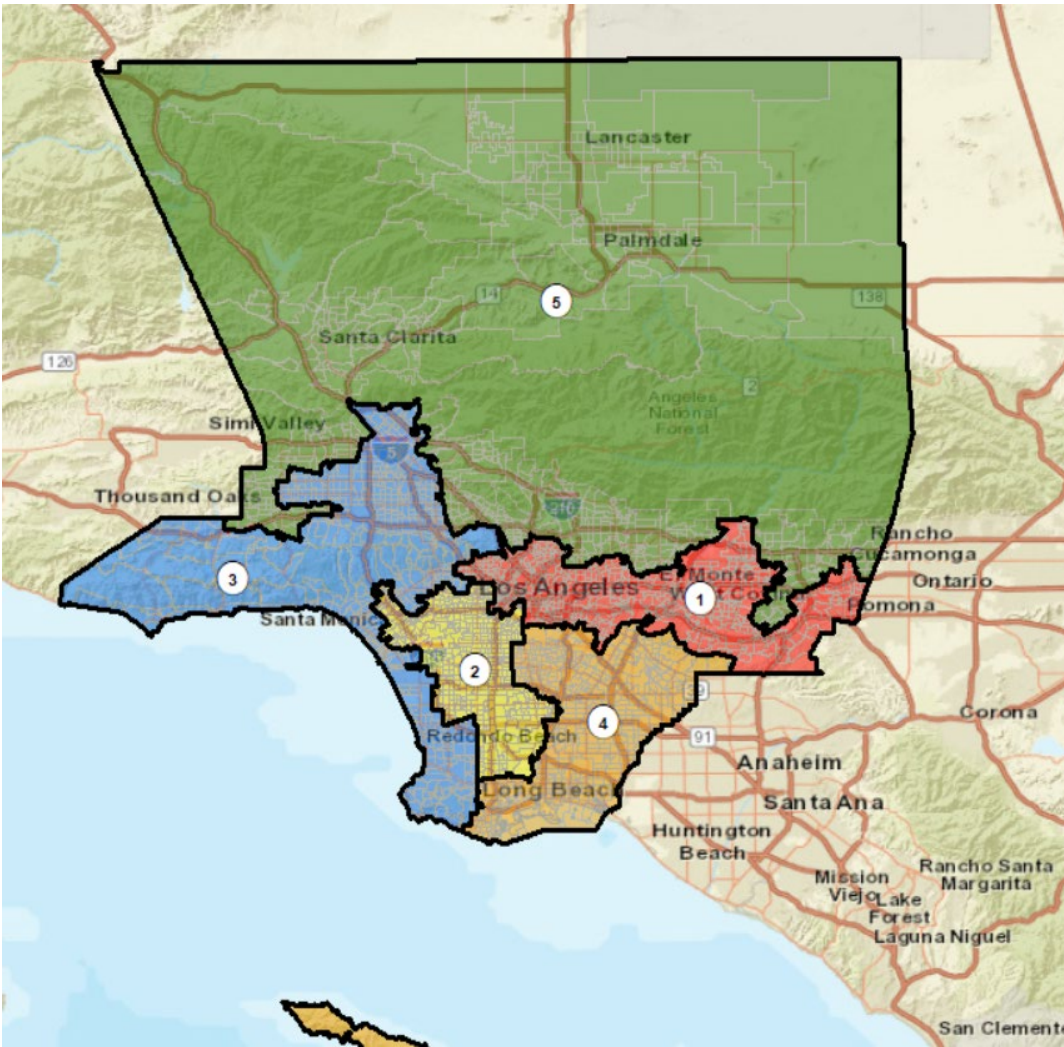
ANALYSIS OF Draft Plan
Name: Draft Map F – Revised 11-16-21

Presentation to the County of LOS ANGELES
CITIZENS REDISTRICTING COMMISSION

ARCBridge Consulting & Training Inc.
www.arcbridge.com

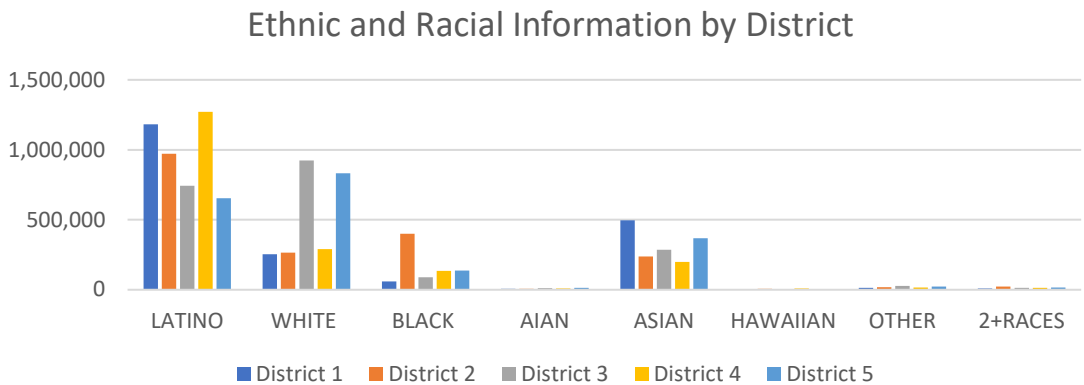


Plan Name: Draft Map F



Maximum Deviation – 8.36%			
Name	Total Pop	Deviation	Deviation %
1	2,023,952	14,367	0.71%
2	1,931,459	-78,126	-3.89%
3	2,099,541	89,956	4.48%
4	1,943,039	-66,546	-3.31%
5	2,049,935	40,350	2.01%

District	Latino	%	White	%	Black	%	Asian	%
1	1,181,196	58.36%	253,204	12.51%	60,465	2.99%	496,014	24.51%
2	971,909	50.32%	264,689	13.70%	400,280	20.72%	238,464	12.35%
3	742,409	35.36%	924,315	44.02%	88,963	4.24%	286,576	13.65%
4	1,271,300	65.43%	291,398	15.00%	135,764	6.99%	198,102	10.20%
5	654,889	31.95%	832,335	40.60%	137,359	6.70%	368,936	18.00%



CENSUS 2020 POPULATION AND CITIZEN VOTING AGE POPULATION

TOTAL POPULATION

	District 1	District 2	District 3	District 4	District 5
LATINO	1,181,196	971,909	742,409	1,271,300	654,889
LATINO %	58.36%	50.32%	35.36%	65.43%	31.95%
WHITE	253,204	264,689	924,315	291,398	832,335
WHITE%	12.51%	13.70%	44.02%	15.00%	40.60%
BLACK	60,465	400,280	88,963	135,764	137,359
BLACK %	2.99%	20.72%	4.24%	6.99%	6.70%
AIAN	7,365	6,682	11,122	9,581	14,509
AIAN %	0.36%	0.35%	0.53%	0.49%	0.71%
ASIAN	496,014	238,464	286,576	198,102	368,936
ASIAN %	24.51%	12.35%	13.65%	10.20%	18.00%
HAWAIIAN	2,414	6,855	3,861	9,257	3,252
HAWAIIAN %	0.12%	0.35%	0.18%	0.48%	0.16%
OTHER	13,314	19,236	28,419	14,763	22,727
OTHER %	0.66%	1.00%	1.35%	0.76%	1.11%
2+RACES	9,980	23,344	13,876	12,874	15,928
2+RACES%	0.49%	1.21%	0.66%	0.66%	0.78%
TOTAL	2,023,952	1,931,459	2,099,541	1,943,039	2,049,935

VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
895,238	713,238	558,045	937,494	475,680
54.95%	46.59%	32.71%	62.40%	29.27%
230,519	234,941	797,365	258,135	707,167
14.15%	15.35%	46.74%	17.18%	43.51%
52,538	328,829	73,935	106,417	104,661
3.23%	21.48%	4.33%	7.08%	6.44%
6,236	5,592	9,618	8,302	12,146
0.38%	0.37%	0.56%	0.55%	0.75%
425,455	210,172	232,657	165,311	295,048
26.12%	13.73%	13.64%	11.00%	18.15%
1,951	5,458	3,019	7,252	2,593
0.12%	0.36%	0.18%	0.48%	0.16%
9,822	14,621	21,520	10,694	17,052
0.60%	0.96%	1.26%	0.71%	1.05%
7,280	17,970	9,836	8,885	11,021
0.45%	1.17%	0.58%	0.59%	0.68%
1,629,039	1,530,821	1,705,995	1,502,490	1,625,368

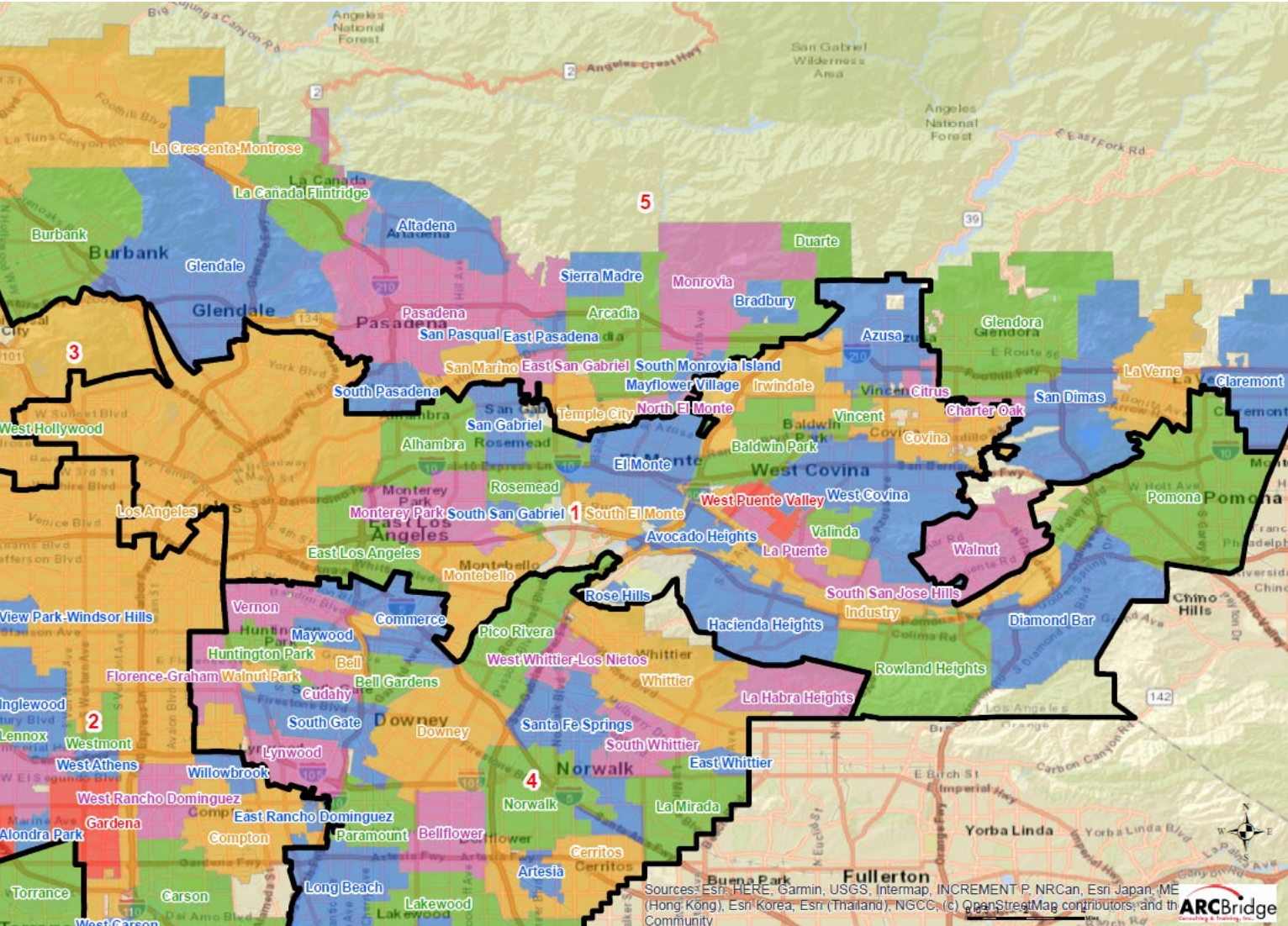
CITIZEN VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
640,115	413,344	384,276	659,686	354,347
51.59%	36.91%	27.40%	55.77%	25.87%
221,059	209,980	760,161	273,324	679,156
17.82%	18.75%	54.21%	23.11%	49.59%
49,137	335,016	66,566	101,259	98,163
3.96%	29.92%	4.75%	8.56%	7.17%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
316,687	141,578	174,408	131,183	217,913
25.53%	12.64%	12.44%	11.09%	15.91%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
13,658	19,889	16,919	17,467	20,020
1.10%	1.78%	1.21%	1.48%	1.46%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
1,240,656	1,119,807	1,402,330	1,182,919	1,369,599

NUMBER OF SPLIT CITIES/CSAS, LA CITY NEIGHBORHOOD COUNCILS, COIS

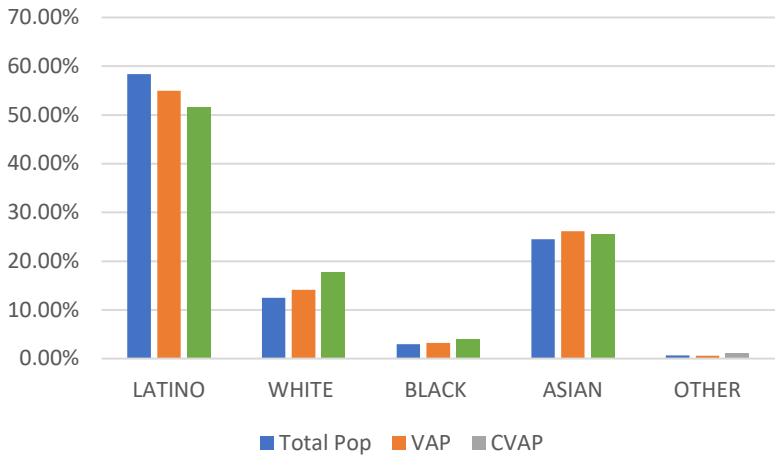
Max Deviation	Number of Districts with Polsby Popper-Compactness Score of >.2	# Majority Minority Districts		Splits		Community of Interest Models (COI)		
		Based on Total Population	Based on CVAP	Consolidated Statistical Areas (CSAs) # CSAs	Neighborhood Councils	COI A	COI B	COI C
8.36	1	3	2	31	30	13	13	15

District 1



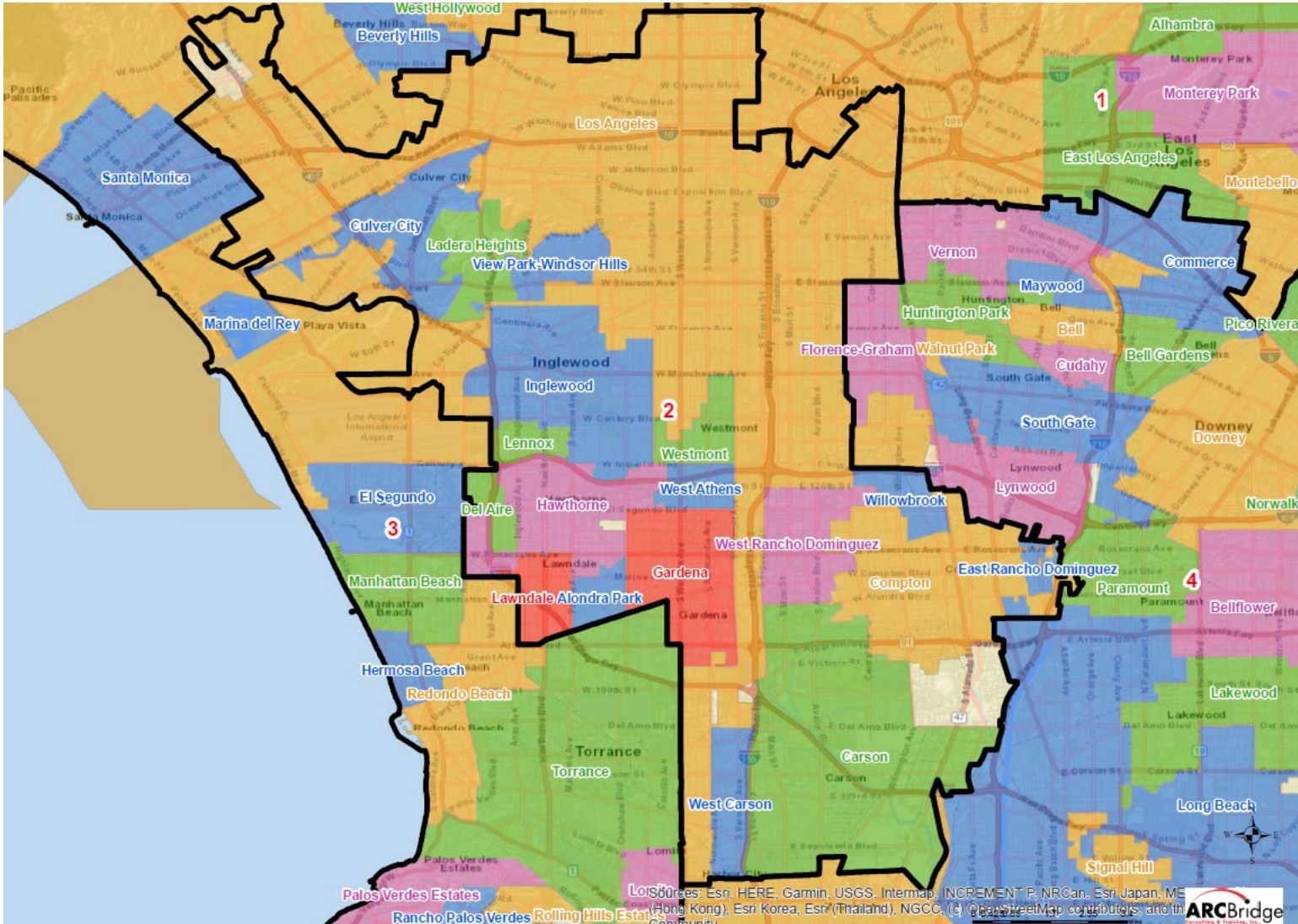
Name	Total Pop	Deviation	Deviation %
1	2,023,952	14,367	0.71%

Total Pop, VAP, CVAP



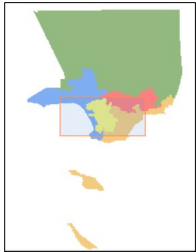
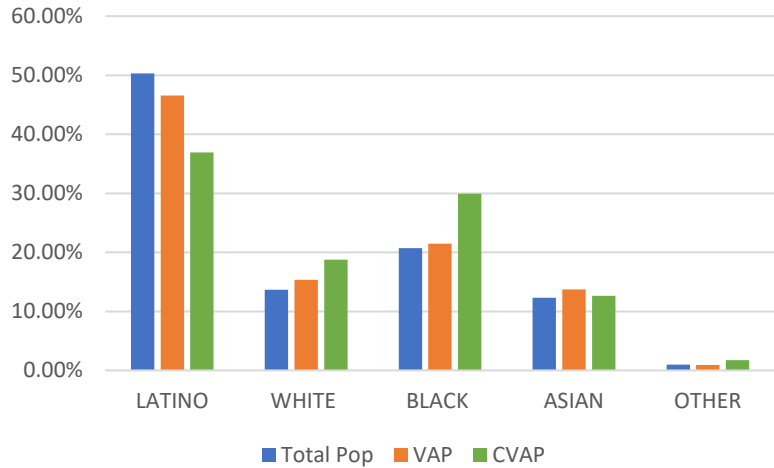
District 1	Total Pop	VAP	CVAP
LATINO	58.36%	54.95%	51.59%
WHITE	12.51%	14.15%	17.82%
BLACK	2.99%	3.23%	3.96%
ASIAN	24.51%	26.12%	25.53%
OTHER	0.66%	0.60%	1.10%

District 2



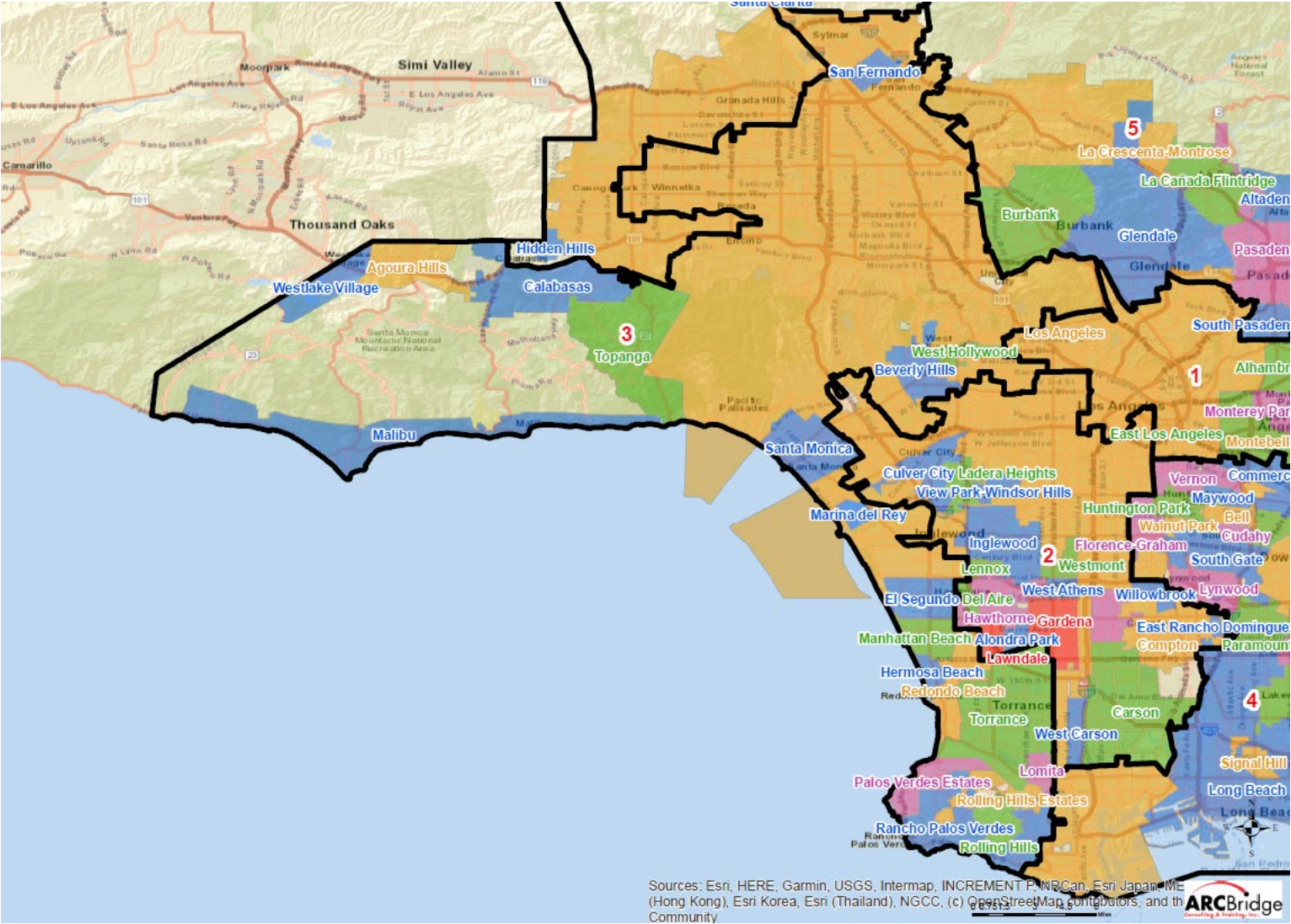
Name	Total Pop	Deviation	Deviation %
2	1,931,459	-78,126	-3.89%

Total Pop, VAP, CVAP



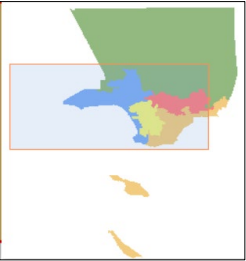
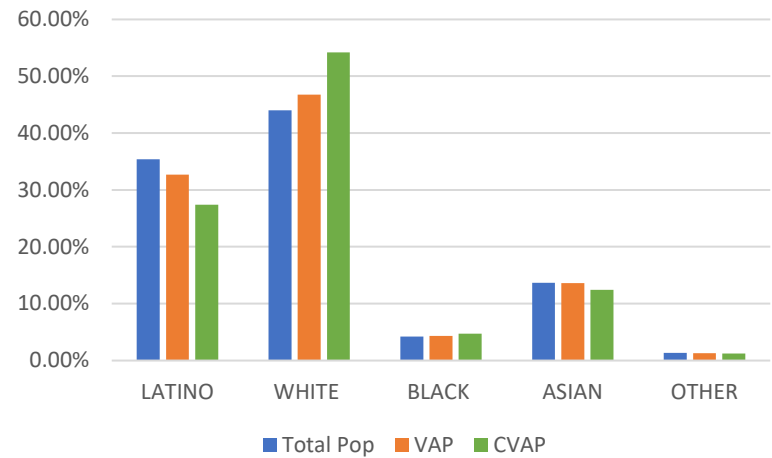
District 2	Total Pop	VAP	CVAP
LATINO	50.32%	46.59%	36.91%
WHITE	13.70%	15.35%	18.75%
BLACK	20.72%	21.48%	29.92%
ASIAN	12.35%	13.73%	12.64%
OTHER	1.00%	0.96%	1.78%

District 3



Name	Total Pop	Deviation	Deviation %
3	2,099,541	89,956	4.48%

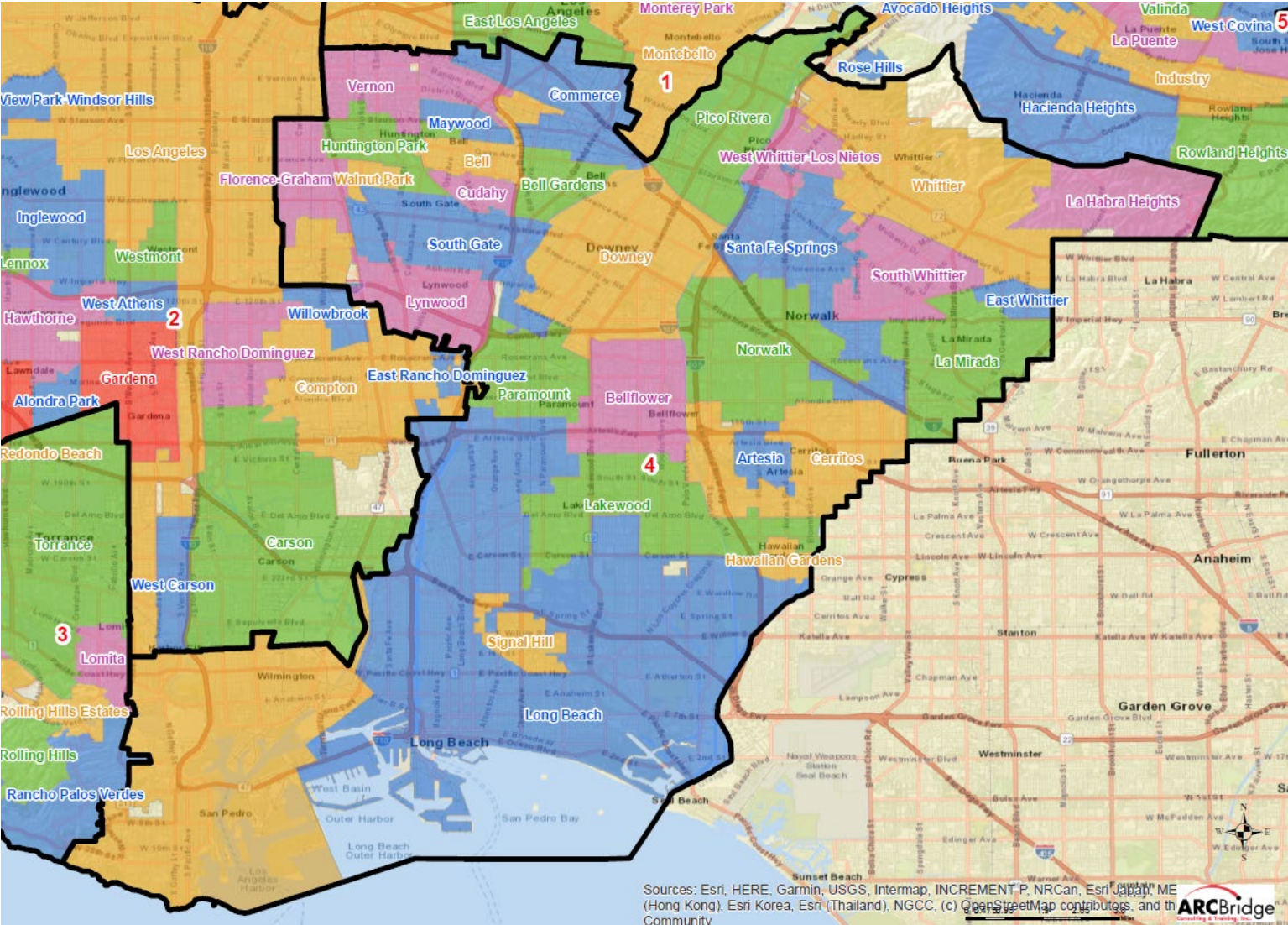
Total Pop, VAP, CVAP



District 3	Total Pop	VAP	CVAP
LATINO	35.36%	32.71%	27.40%
WHITE	44.02%	46.74%	54.21%
BLACK	4.24%	4.33%	4.75%
ASIAN	13.65%	13.64%	12.44%
OTHER	1.35%	1.26%	1.21%

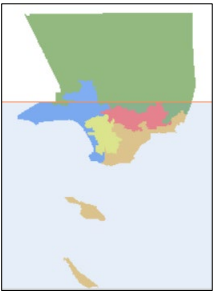
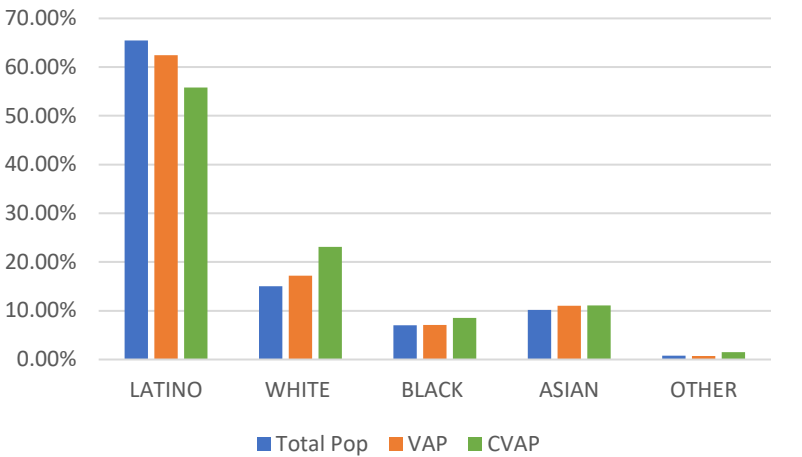
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the Community

District 4



Name	Total Pop	Deviation	Deviation %
4	1,943,039	-66,546	-3.31%

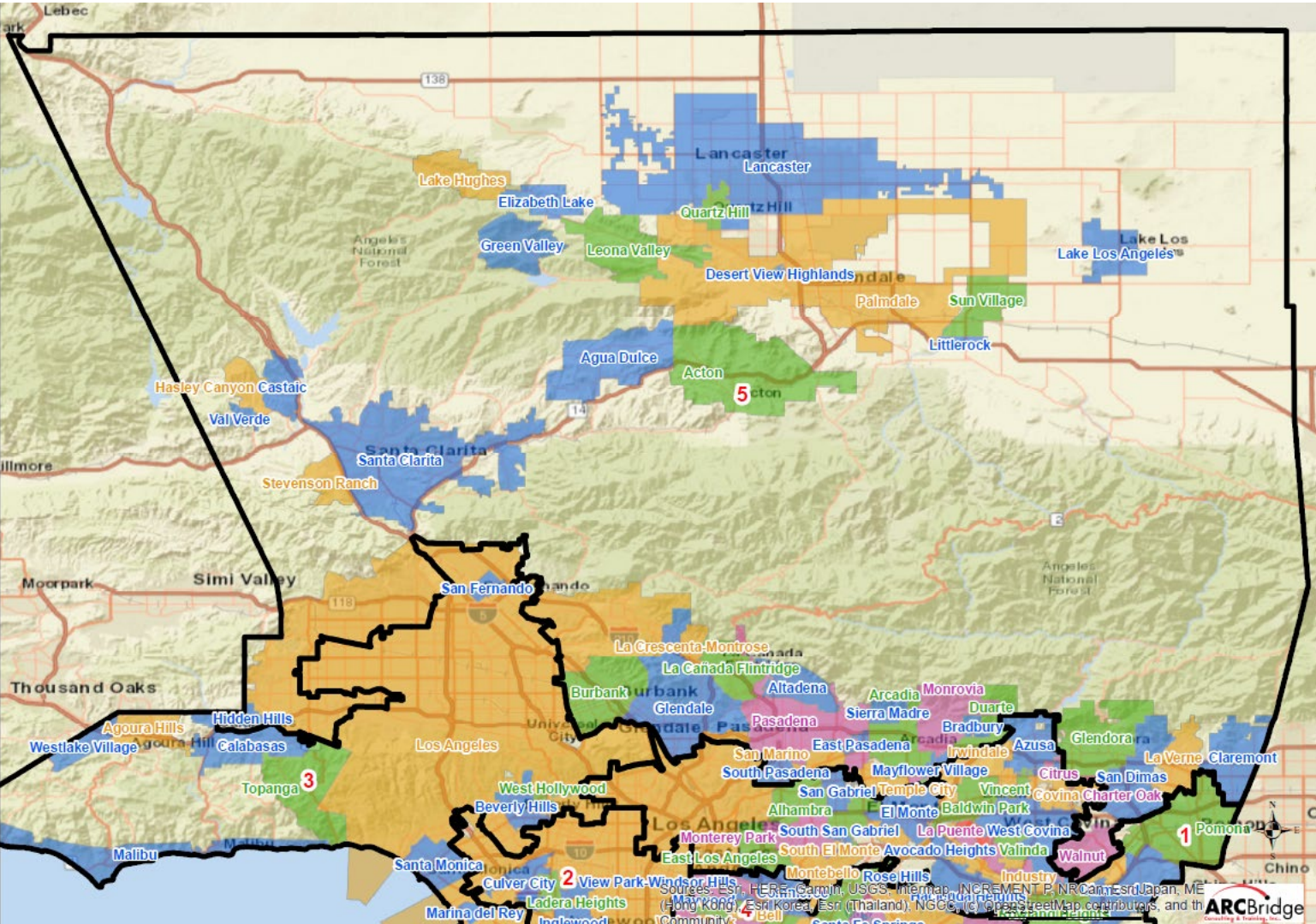
Total Pop, VAP, CVAP



District 4	Total Pop	VAP	CVAP
LATINO	65.43%	62.40%	55.77%
WHITE	15.00%	17.18%	23.11%
BLACK	6.99%	7.08%	8.56%
ASIAN	10.20%	11.00%	11.09%
OTHER	0.76%	0.71%	1.48%

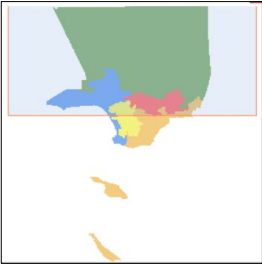
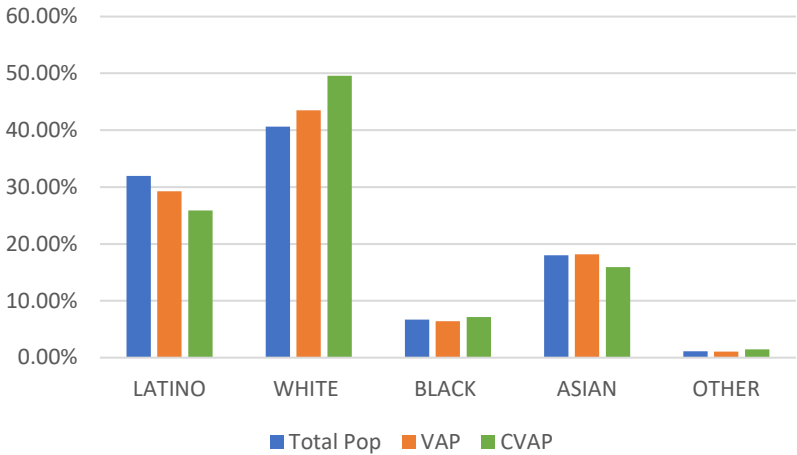
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, ME (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the Community

District 5



Name	Total Pop	Deviation	Deviation %
5	2,049,935	40,350	2.01%

Total Pop, VAP, CVAP



District 5	Total Pop	VAP	CVAP
LATINO	31.95%	29.27%	25.87%
WHITE	40.60%	43.51%	49.59%
BLACK	6.70%	6.44%	7.17%
ASIAN	18.00%	18.15%	15.91%
OTHER	1.11%	1.05%	1.46%



LOS ANGELES COUNTY **REDISTRICTING 2021**

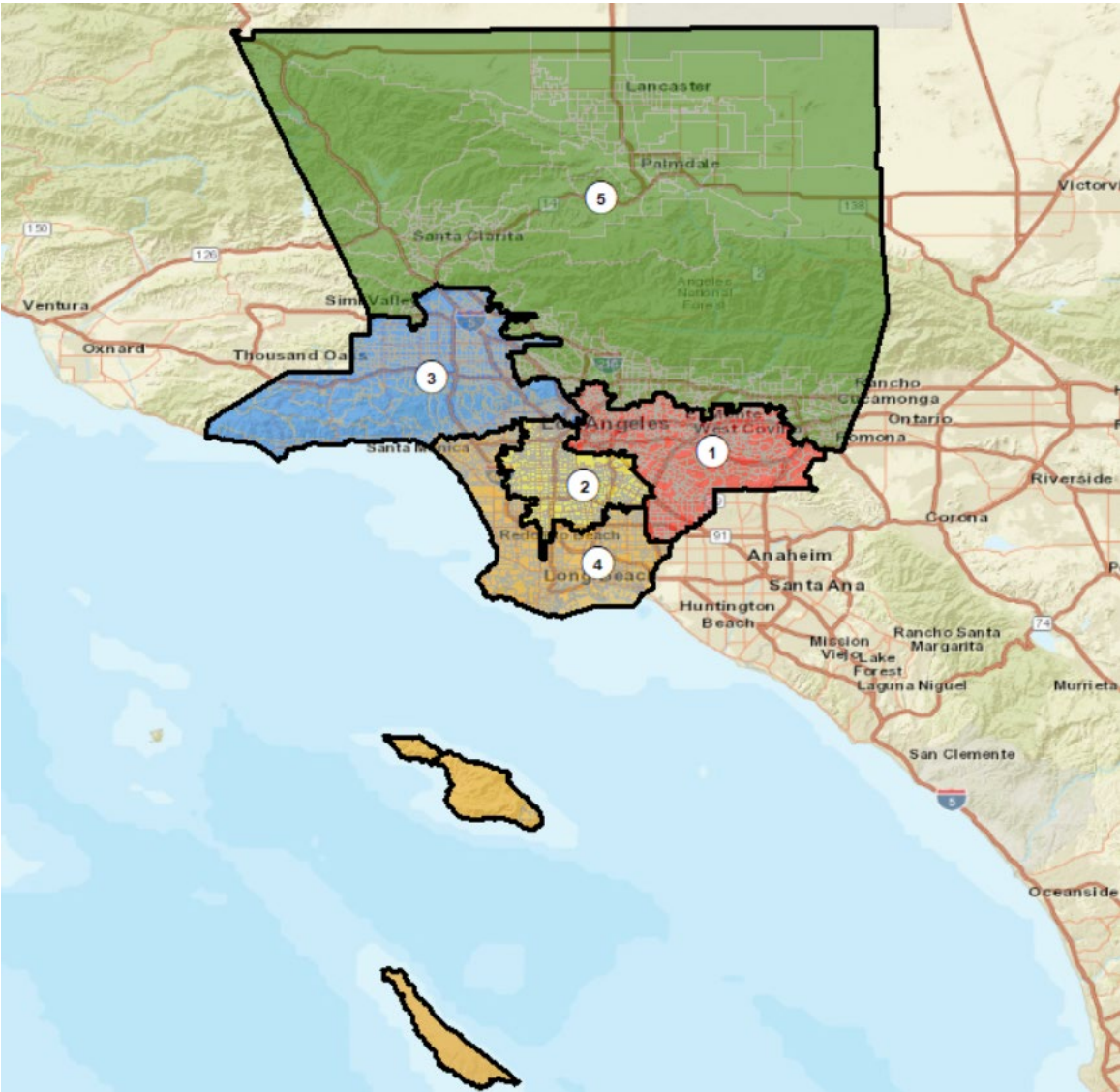
ANALYSIS OF Draft Plan
Name: Draft Map B-2 –11-29-21

Presentation to the County of LOS ANGELES
CITIZENS REDISTRICTING COMMISSION

ARCBridge Consulting & Training Inc.
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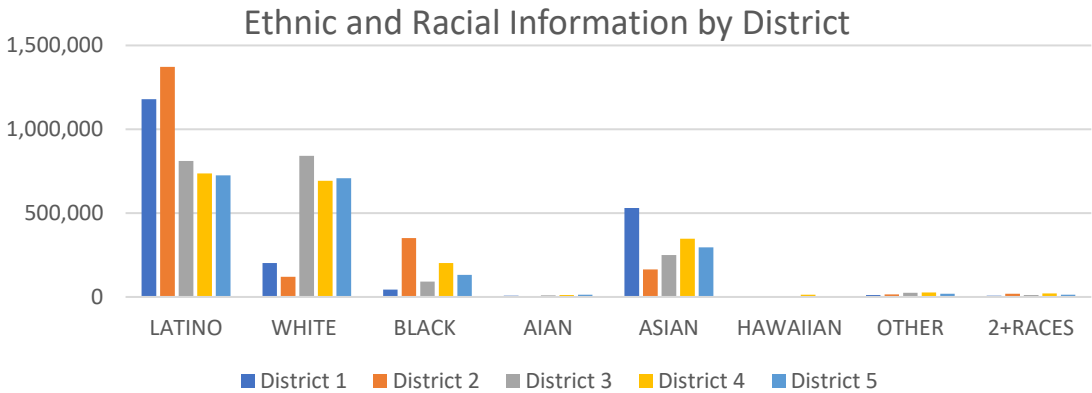


Plan Name: Draft Map B-2



Maximum Deviation 6.94%			
Name	Total Pop	Deviation	Deviation %
1	1,986,633	-22,952	-1.14%
2	2,050,554	40,969	2.04%
3	2,044,267	34,682	1.73%
4	2,053,014	43,429	2.16%
5	1,913,458	-96,127	-4.78%

District	Latino	%	White	%	Black	%	Asian	%
1	1,178,555	59.32%	202,075	10.17%	44,131	2.22%	531,066	26.73%
2	1,370,794	66.85%	121,283	5.91%	351,757	17.15%	163,805	7.99%
3	811,562	39.70%	840,516	41.12%	91,448	4.47%	249,930	12.23%
4	735,811	35.84%	693,400	33.77%	202,630	9.87%	347,445	16.92%
5	724,981	37.89%	708,667	37.04%	132,865	6.94%	295,846	15.46%



CENSUS 2020 POPULATION AND CITIZEN VOTING AGE POPULATION

TOTAL POPULATION

	District 1	District 2	District 3	District 4	District 5
LATINO	1,178,555	1,370,794	811,562	735,811	724,981
LATINO %	59.32%	66.85%	39.70%	35.84%	37.89%
WHITE	202,075	121,283	840,516	693,400	708,667
WHITE %	10.17%	5.91%	41.12%	33.77%	37.04%
BLACK	44,131	351,757	91,448	202,630	132,865
BLACK %	2.22%	17.15%	4.47%	9.87%	6.94%
AIAN	7,394	5,320	10,061	12,790	13,694
AIAN %	0.37%	0.26%	0.49%	0.62%	0.72%
ASIAN	531,066	163,805	249,930	347,445	295,846
ASIAN %	26.73%	7.99%	12.23%	16.92%	15.46%
HAWAIIAN	2,912	3,759	2,903	12,989	3,076
HAWAIIAN %	0.15%	0.18%	0.14%	0.63%	0.16%
OTHER	11,533	15,072	25,164	26,963	19,727
OTHER %	0.58%	0.74%	1.23%	1.31%	1.03%
2+RACES	8,967	18,764	12,683	20,986	14,602
2+RACES %	0.45%	0.92%	0.62%	1.02%	0.76%
TOTAL	1,986,633	2,050,554	2,044,267	2,053,014	1,913,458

VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
892,667	999,959	615,761	545,922	525,386
100.00%	100.00%	100.00%	100.00%	100.00%
181,008	107,827	729,804	606,920	602,568
20.28%	10.78%	118.52%	111.17%	114.69%
37,554	286,860	77,353	163,161	101,452
4.21%	28.69%	12.56%	29.89%	19.31%
6,338	4,313	8,707	11,081	11,455
0.71%	0.43%	1.41%	2.03%	2.18%
448,021	147,307	211,520	284,787	237,008
50.19%	14.73%	34.35%	52.17%	45.11%
2,353	2,931	2,336	10,224	2,429
0.26%	0.29%	0.38%	1.87%	0.46%
8,261	10,617	19,212	20,881	14,738
0.93%	1.06%	3.12%	3.82%	2.81%
6,412	14,581	9,092	14,739	10,168
0.41%	0.93%	0.54%	0.89%	0.68%
1,582,614	1,574,395	1,673,785	1,657,715	1,505,204

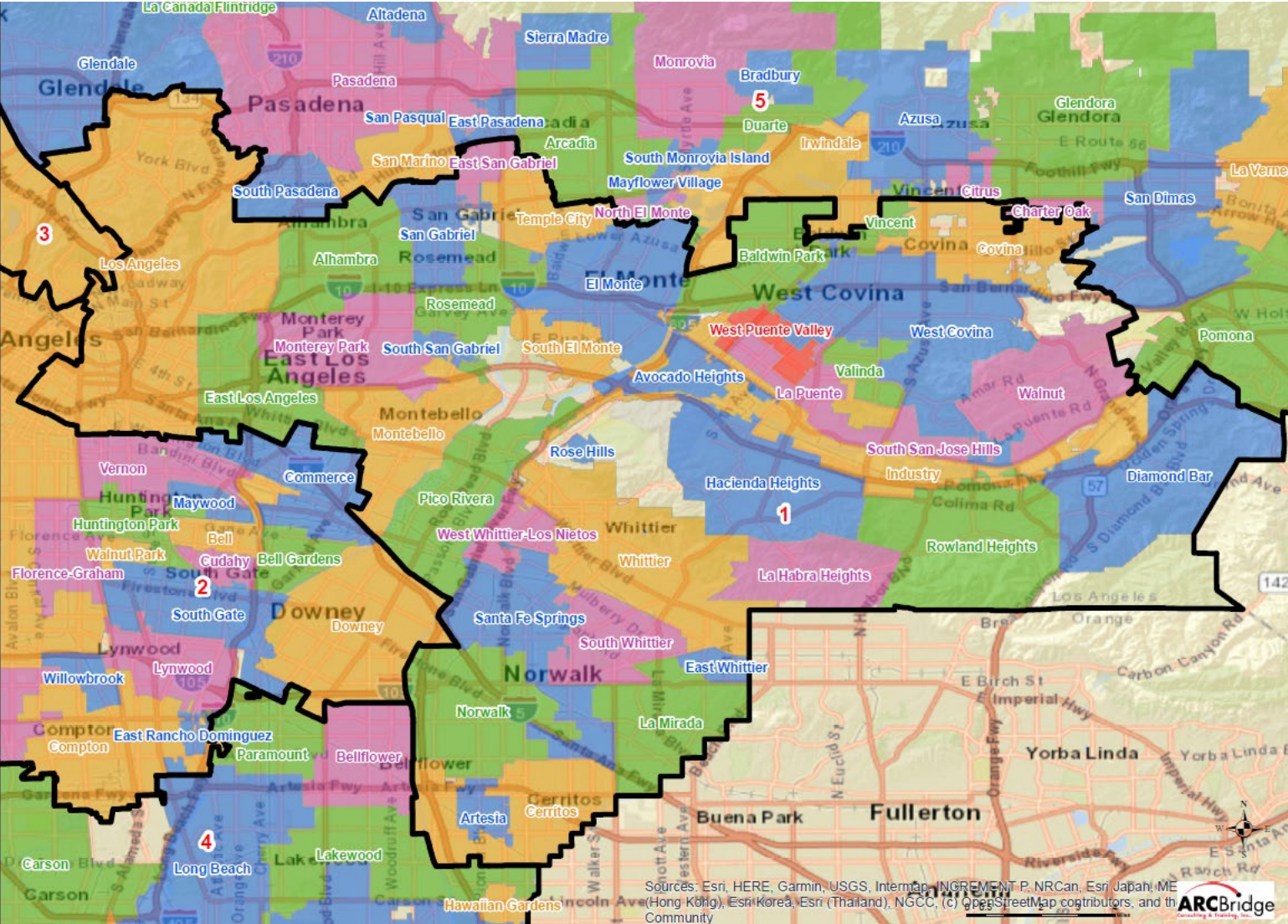
CITIZEN VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
687,652	580,694	418,171	382,310	382,941
54.02%	54.01%	30.74%	28.15%	30.68%
192,124	96,924	697,553	579,046	578,033
15.09%	9.01%	51.27%	42.63%	46.31%
38,025	288,849	71,068	157,288	94,911
2.99%	26.86%	5.22%	11.58%	7.60%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
341,787	95,346	158,537	212,805	173,294
26.85%	8.87%	11.65%	15.67%	13.88%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
13,408	13,388	15,178	26,845	19,134
1.05%	1.25%	1.12%	1.98%	1.53%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
1,272,996	1,075,201	1,360,507	1,358,294	1,248,313

NUMBER OF SPLIT CITIES/CSAS, LA CITY NEIGHBORHOOD COUNCILS, COIS

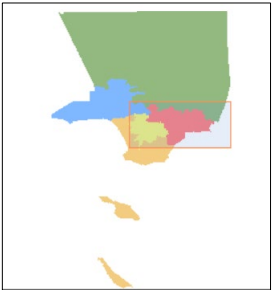
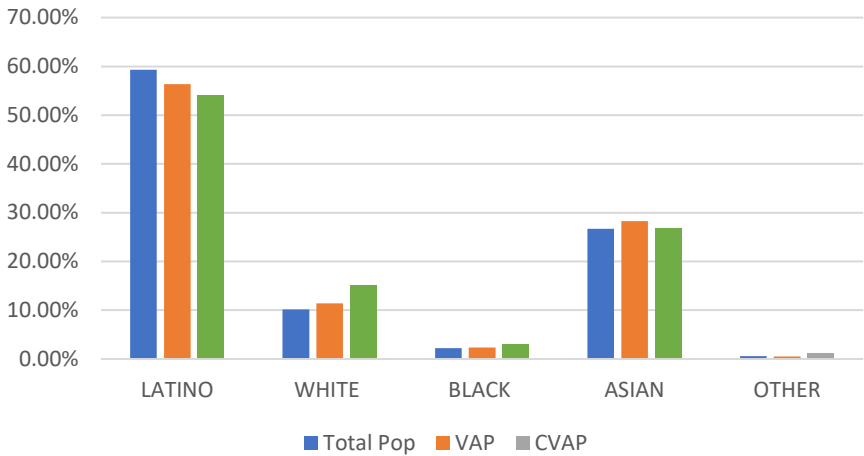
Max Deviation	Number of Districts with Polsby Popper-Compactness Score of >.2	# Majority Minority Districts		Splits		Community of Interest Models (COI)		
		Based on Total Population	Based on CVAP	Consolidated Statistical Areas (CSAs) # CSAs	Neighborhood Councils	COI A	COI B	COI C
6.94%	3	2	2	2	19	9	9	10

District 1



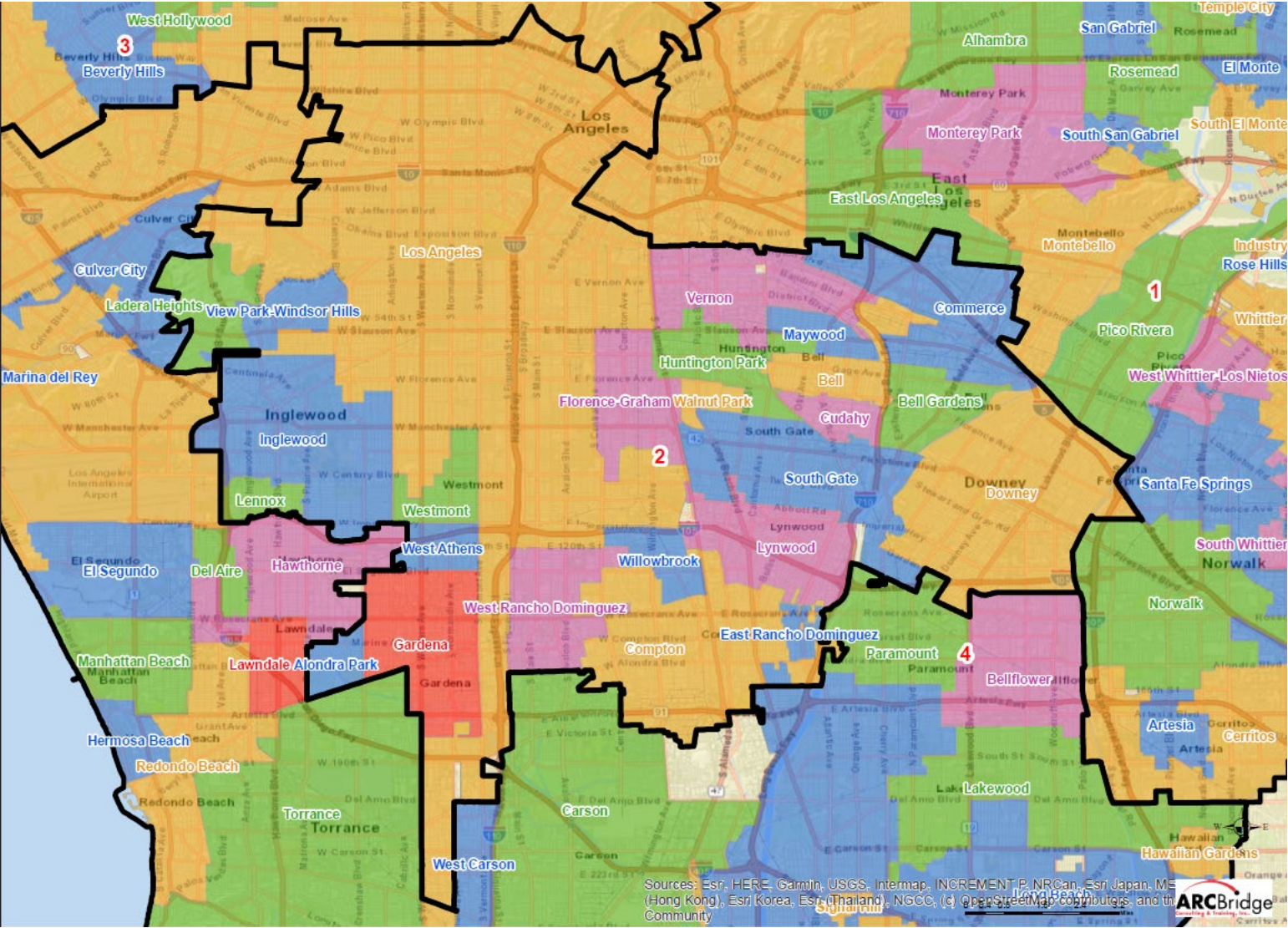
Name	Total Pop	Deviation	Deviation %
1	1,986,633	-22,952	-1.14%

Total Pop, VAP, CVAP



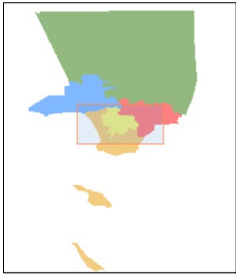
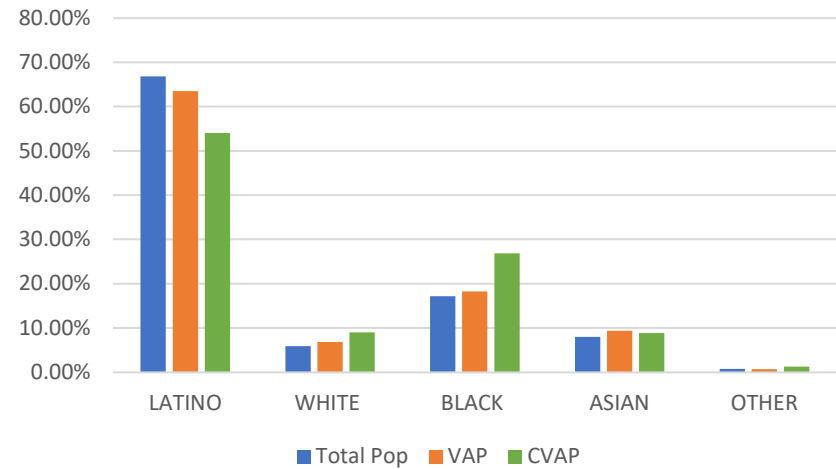
District 1	Total Pop	VAP	CVAP
LATINO	59.32%	56.40%	54.02%
WHITE	10.17%	11.44%	15.09%
BLACK	2.22%	2.37%	2.99%
ASIAN	26.73%	28.31%	26.85%
OTHER	0.58%	0.52%	1.05%

District 2



Name	Total Pop	Deviation	Deviation %
2	2,050,554	40,969	2.04%

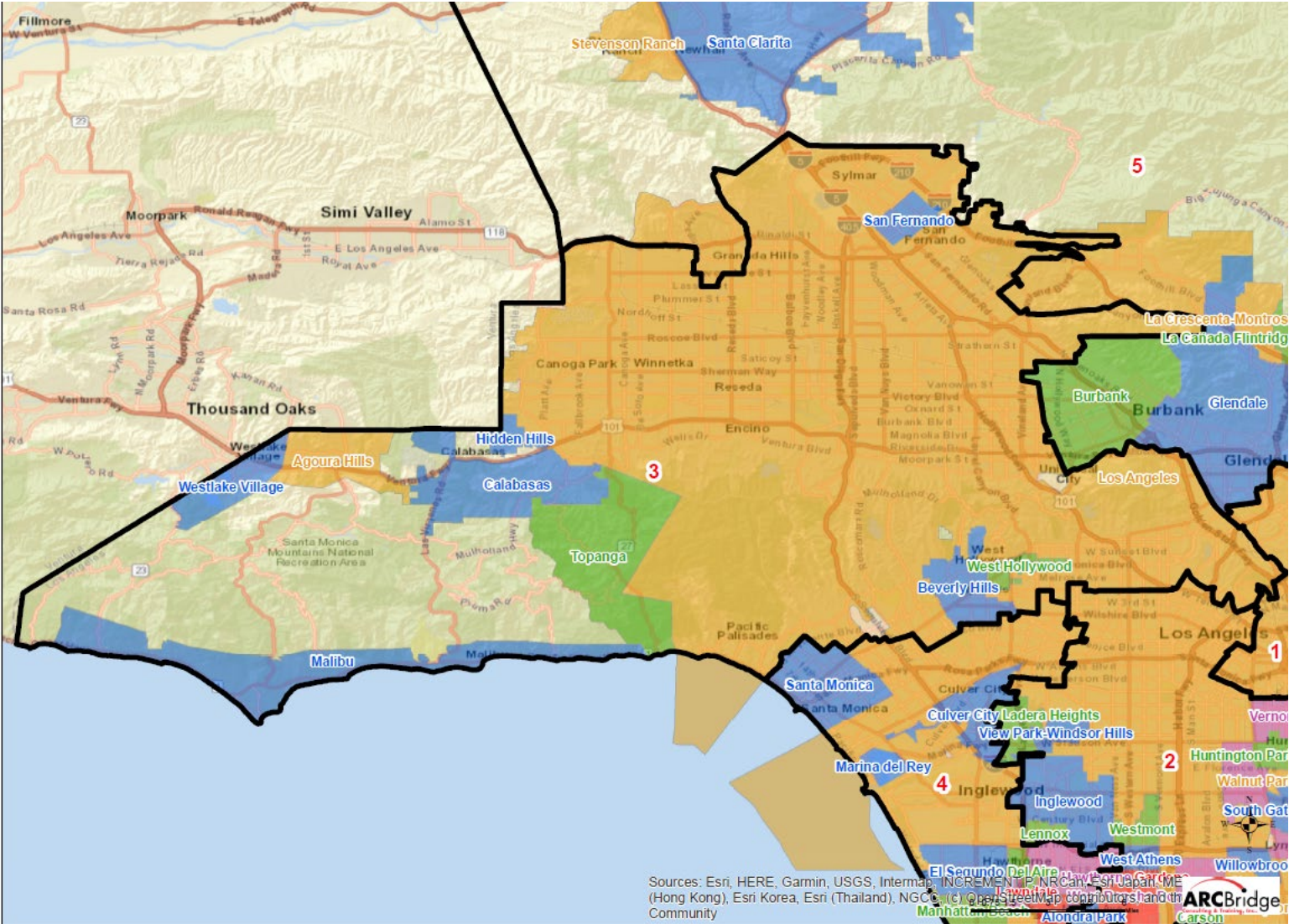
Total Pop, VAP, CVAP



District 2	Total Pop	VAP	CVAP
LATINO	66.85%	63.51%	54.01%
WHITE	5.91%	6.85%	9.01%
BLACK	17.15%	18.22%	26.86%
ASIAN	7.99%	9.36%	8.87%
OTHER	0.74%	0.67%	1.25%

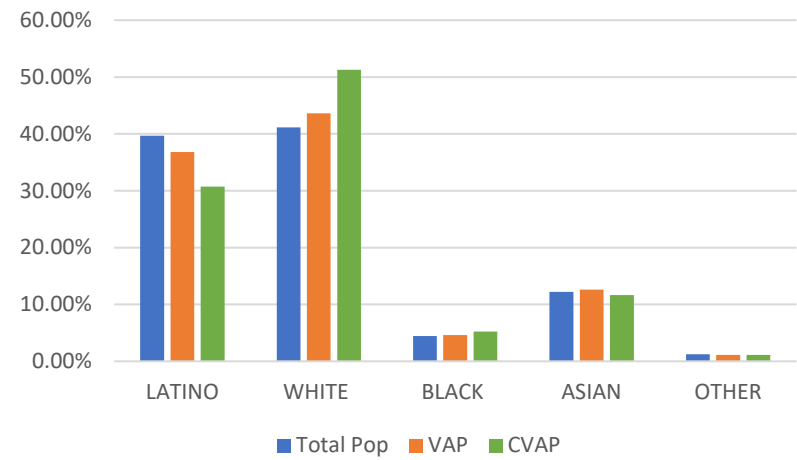
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the Community

District 3



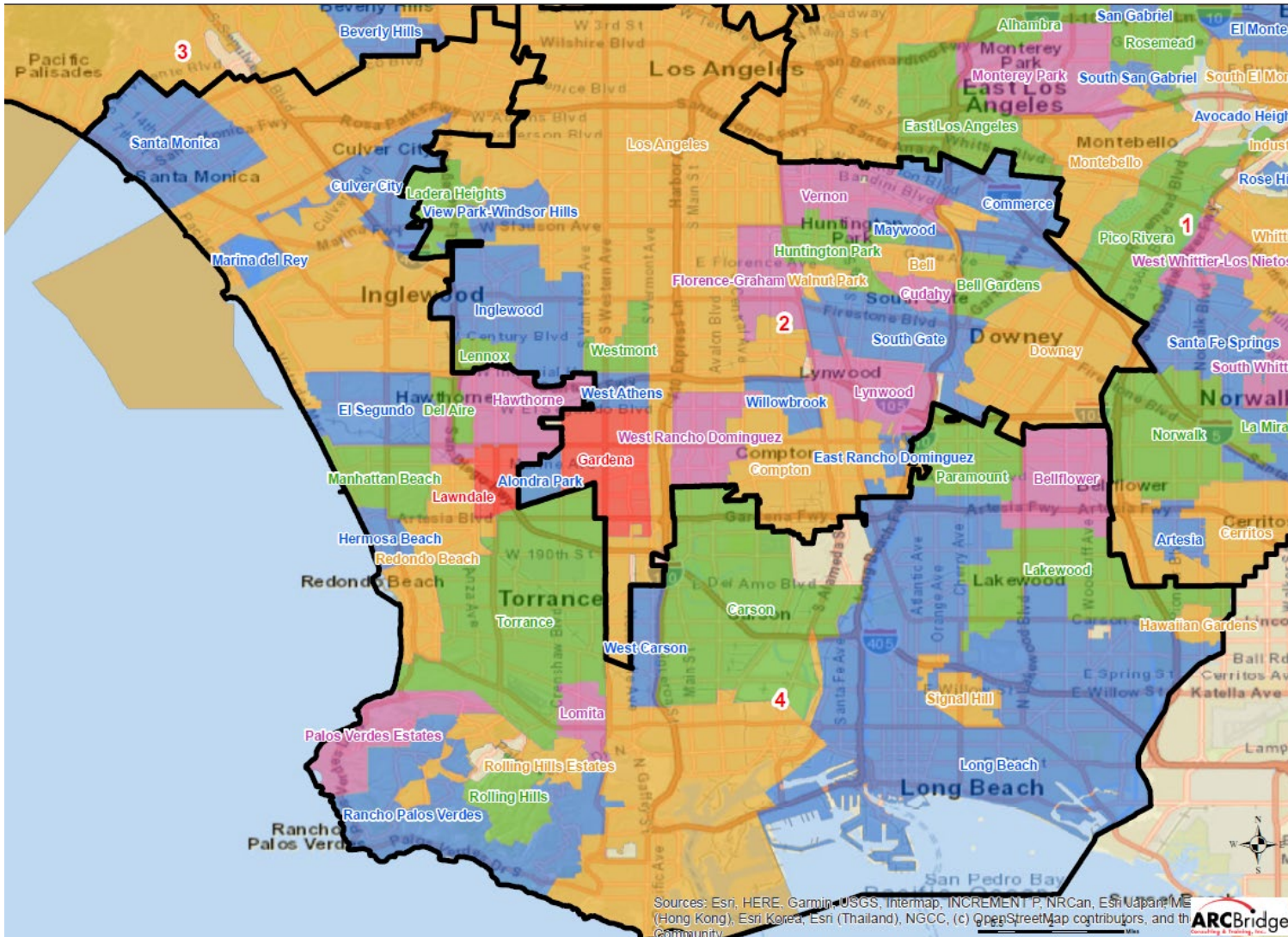
Name	Total Pop	Deviation	Deviation %
3	2,044,267	34,682	1.73%

Total Pop, VAP, CVAP



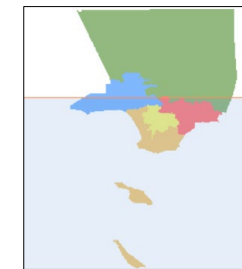
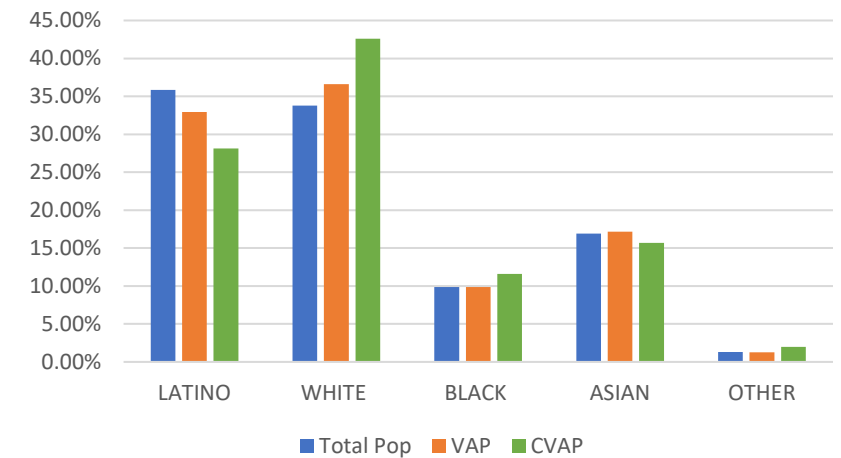
District 3	Total Pop	VAP	CVAP
LATINO	39.70%	36.79%	30.74%
WHITE	41.12%	43.60%	51.27%
BLACK	4.47%	4.62%	5.22%
ASIAN	12.23%	12.64%	11.65%
OTHER	1.23%	1.15%	1.12%

District 4



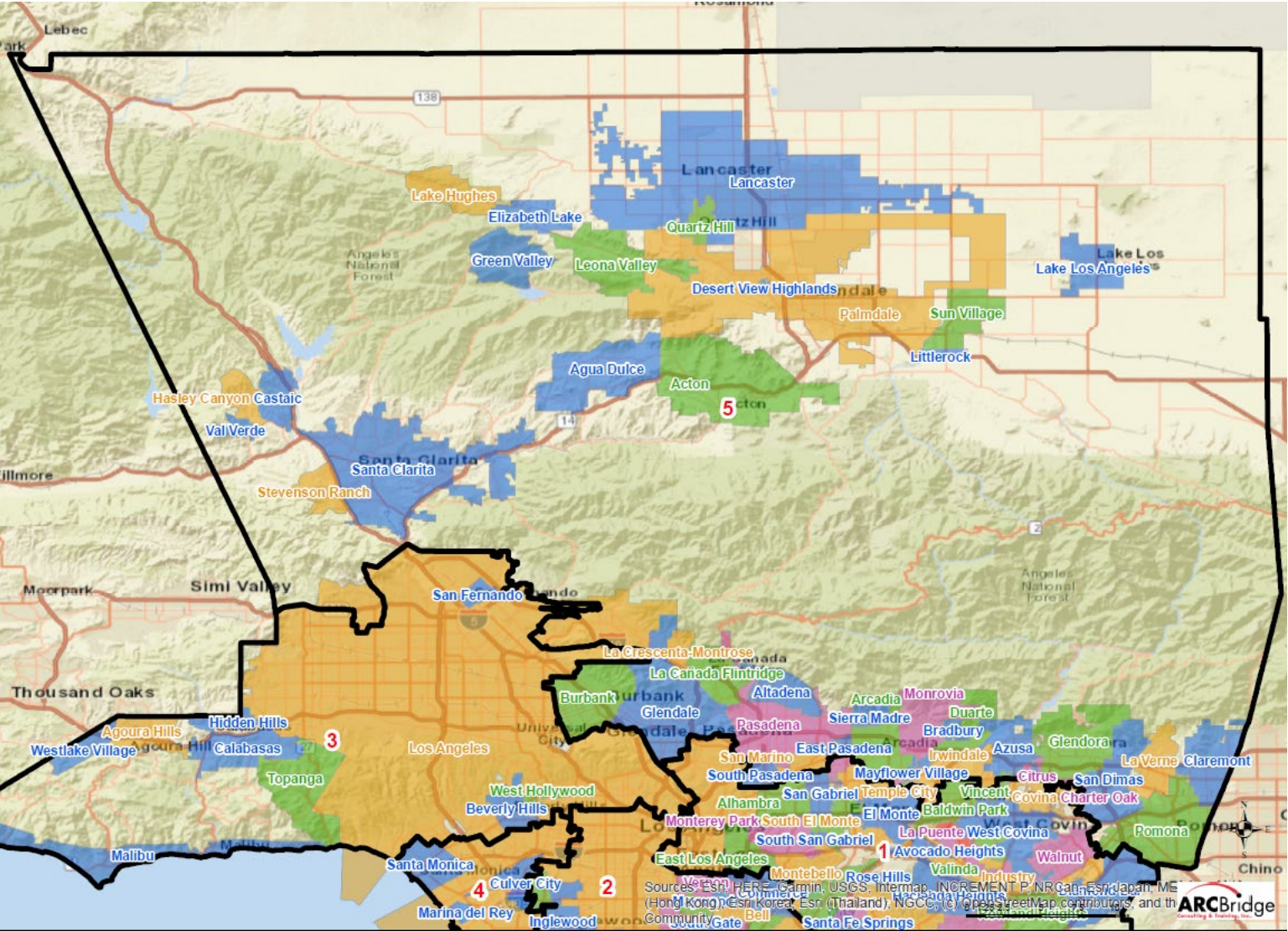
Name	Total Pop	Deviation	Deviation %
4	2,053,014	43,429	2.16%

Total Pop, VAP, CVAP



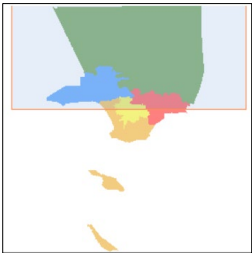
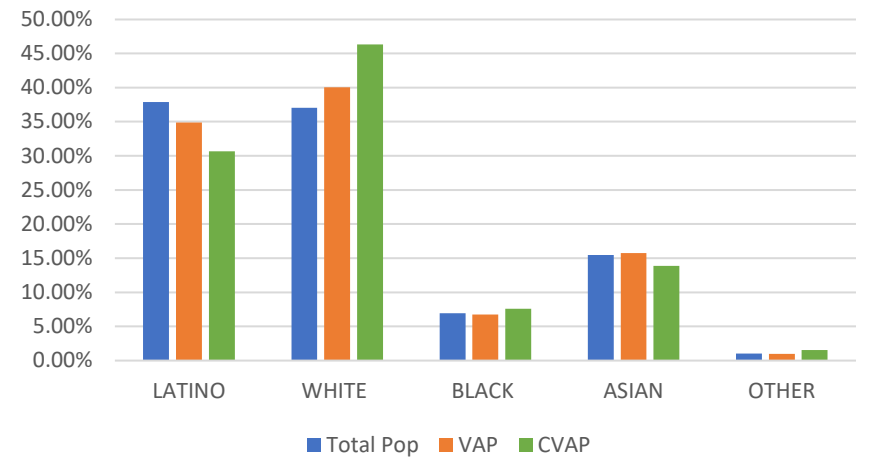
District 4	Total Pop	VAP	CVAP
LATINO	35.84%	32.93%	28.15%
WHITE	33.77%	36.61%	42.63%
BLACK	9.87%	9.84%	11.58%
ASIAN	16.92%	17.18%	15.67%
OTHER	1.31%	1.26%	1.98%

District 5



Name	Total Pop	Deviation	Deviation %
5	1,913,458	-96,127	-4.78%

Total Pop, VAP, CVAP



District 5	Total Pop	VAP	CVAP
LATINO	37.89%	34.90%	30.68%
WHITE	37.04%	40.03%	46.31%
BLACK	6.94%	6.74%	7.60%
ASIAN	15.46%	15.75%	13.88%
OTHER	1.03%	0.98%	1.53%



LOS ANGELES COUNTY **REDISTRICTING 2021**

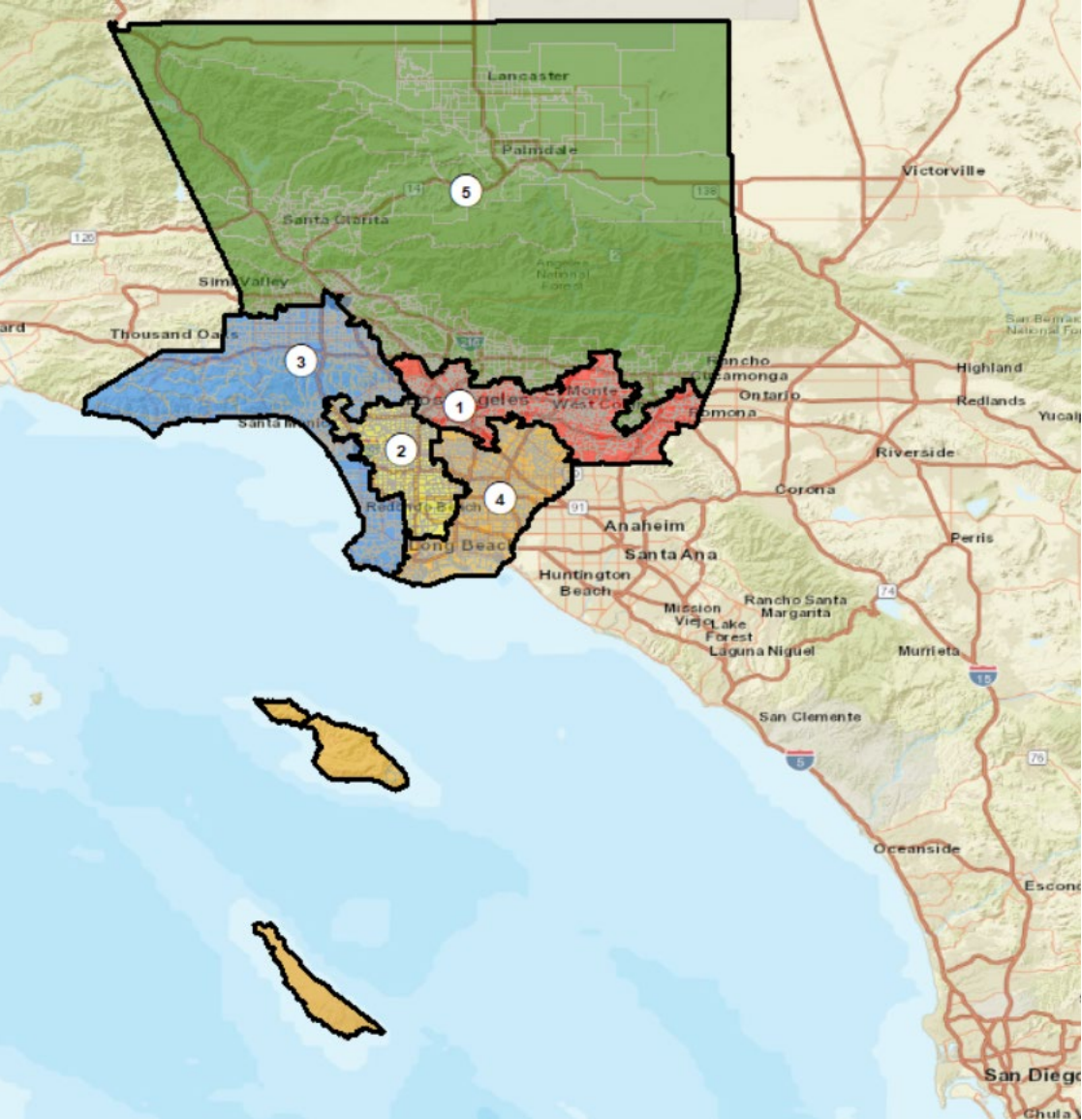
ANALYSIS OF Draft Plan
Name: Draft Map F-1 – 11-29-21

Presentation to the County of LOS ANGELES
CITIZENS REDISTRICTING COMMISSION

ARCBridge Consulting & Training Inc.
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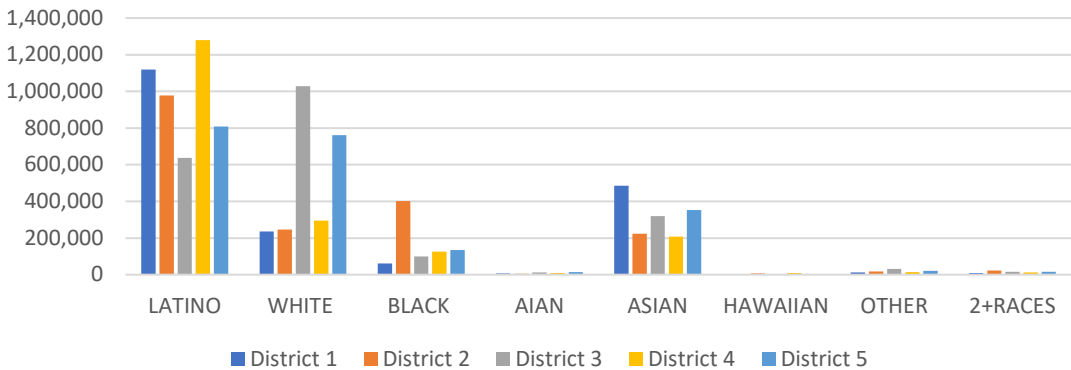
Plan Name: Draft Map F



Maximum Deviation 12.16%				
Name	Total Pop	Deviation	Deviation %	
1	1,932,923	-76,662	-3.81%	
2	1,902,403	-107,182	-5.33%	
3	2,146,689	137,104	6.82%	
4	1,954,031	-55,554	-2.76%	
5	2,111,880	102,295	5.09%	

District	Latino	%	White	%	Black	%	Asian	%
1	1,118,602	57.87%	236,208	12.22%	61,456	3.18%	484,985	25.09%
2	977,168	51.36%	246,556	12.96%	401,052	21.08%	223,792	11.76%
3	637,695	29.71%	1,027,888	47.88%	99,239	4.62%	318,953	14.86%
4	1,278,957	65.45%	294,652	15.08%	126,360	6.47%	207,438	10.62%
5	809,281	38.32%	760,637	36.02%	134,724	6.38%	352,924	16.71%

Ethnic and Racial Information by District



CENSUS 2020 POPULATION AND CITIZEN VOTING AGE POPULATION

TOTAL POPULATION

	District 1	District 2	District 3	District 4	District 5
LATINO	1,118,602	977,168	637,695	1,278,957	809,281
LATINO %	57.87%	51.36%	29.71%	65.45%	38.32%
WHITE	236,208	246,556	1,027,888	294,652	760,637
WHITE%	12.22%	12.96%	47.88%	15.08%	36.02%
BLACK	61,456	401,052	99,239	126,360	134,724
BLACK %	3.18%	21.08%	4.62%	6.47%	6.38%
AIAN	7,329	6,022	11,953	9,633	14,322
AIAN %	0.38%	0.32%	0.56%	0.49%	0.68%
ASIAN	484,985	223,792	318,953	207,438	352,924
ASIAN %	25.09%	11.76%	14.86%	10.62%	16.71%
HAWAIIAN	2,341	6,609	4,174	9,377	3,138
HAWAIIAN %	0.12%	0.35%	0.19%	0.48%	0.15%
OTHER	12,385	18,451	31,436	14,769	21,418
OTHER %	0.64%	0.97%	1.46%	0.76%	1.01%
2+RACES	9,617	22,753	15,351	12,845	15,436
2+RACES%	0.50%	1.20%	0.72%	0.66%	0.73%
TOTAL	1,932,923	1,902,403	2,146,689	1,954,031	2,111,880

VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
846,564	713,423	483,301	946,399	590,008
54.46%	47.62%	27.44%	62.41%	35.47%
214,399	218,741	887,283	261,013	646,691
13.79%	14.60%	50.38%	17.21%	38.87%
53,541	327,273	82,639	100,126	102,801
3.44%	21.85%	4.69%	6.60%	6.18%
6,201	4,971	10,325	8,370	12,027
0.40%	0.33%	0.59%	0.55%	0.72%
415,714	196,946	259,493	173,574	282,916
26.74%	13.15%	14.73%	11.45%	17.01%
1,894	5,243	3,294	7,357	2,485
0.12%	0.35%	0.19%	0.49%	0.15%
9,064	13,937	23,976	10,722	16,010
0.58%	0.93%	1.36%	0.71%	0.96%
7,035	17,506	10,922	8,837	10,692
0.45%	1.17%	0.62%	0.58%	0.64%
1,554,412	1,498,040	1,761,233	1,516,398	1,663,630

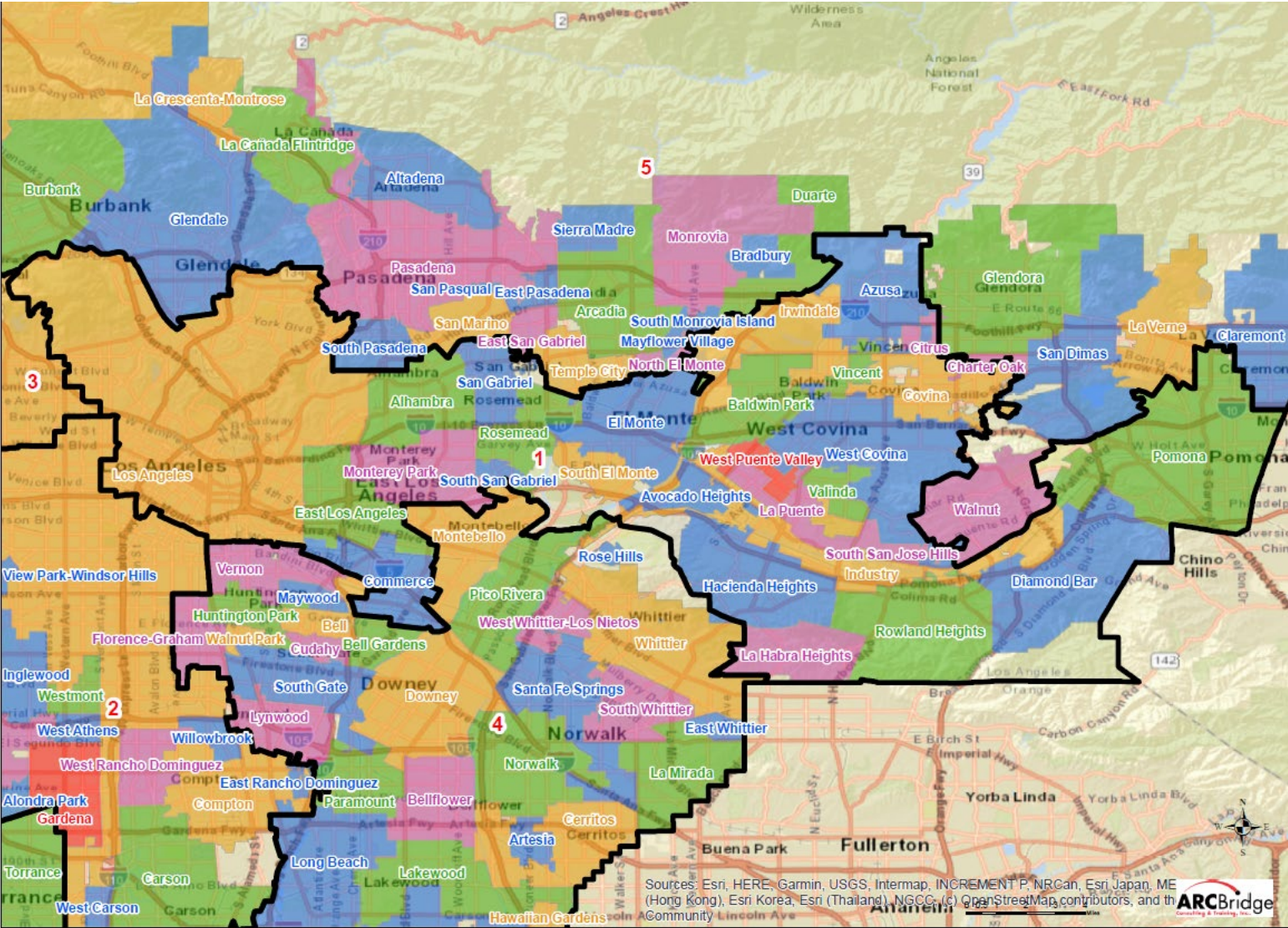
CITIZEN VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
606,246	413,426	329,856	669,990	432,250
51.03%	37.81%	22.65%	55.97%	31.31%
208,258	196,711	841,709	275,895	621,107
17.53%	17.99%	57.80%	23.05%	44.98%
49,753	332,711	74,247	95,659	97,771
4.19%	30.43%	5.10%	7.99%	7.08%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
310,148	131,449	192,302	138,156	209,714
26.11%	12.02%	13.21%	11.54%	15.19%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
13,555	19,098	18,017	17,368	19,915
1.14%	1.75%	1.24%	1.45%	1.44%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
1,187,960	1,093,395	1,456,131	1,197,068	1,380,757
1,187,960	1,093,395	1,456,131	1,197,068	1,380,757

NUMBER OF SPLIT CITIES/CSAS, LA CITY NEIGHBORHOOD COUNCILS, COIS

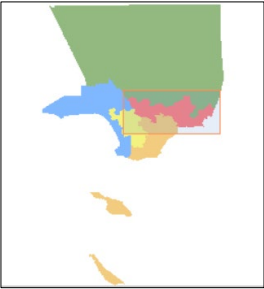
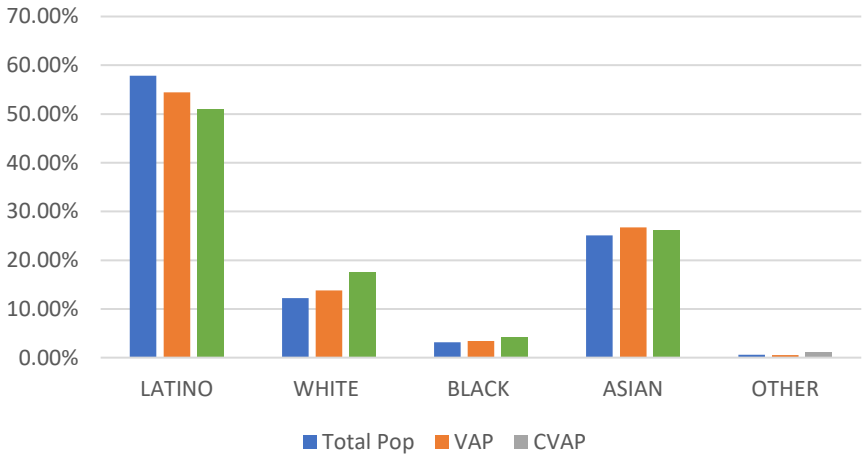
Max Deviation	Number of Districts with Polsby Popper-Compactness Score of >.2	# Majority Minority Districts		Splits		Community of Interest Models (COI)		
		Based on Total Population	Based on CVAP	Consolidated Statistical Areas (CSAs) # CSAs	Neighborhood Councils	COI A	COI B	COI C
12.16%	1	3	2	5	18	10	8	10

District 1



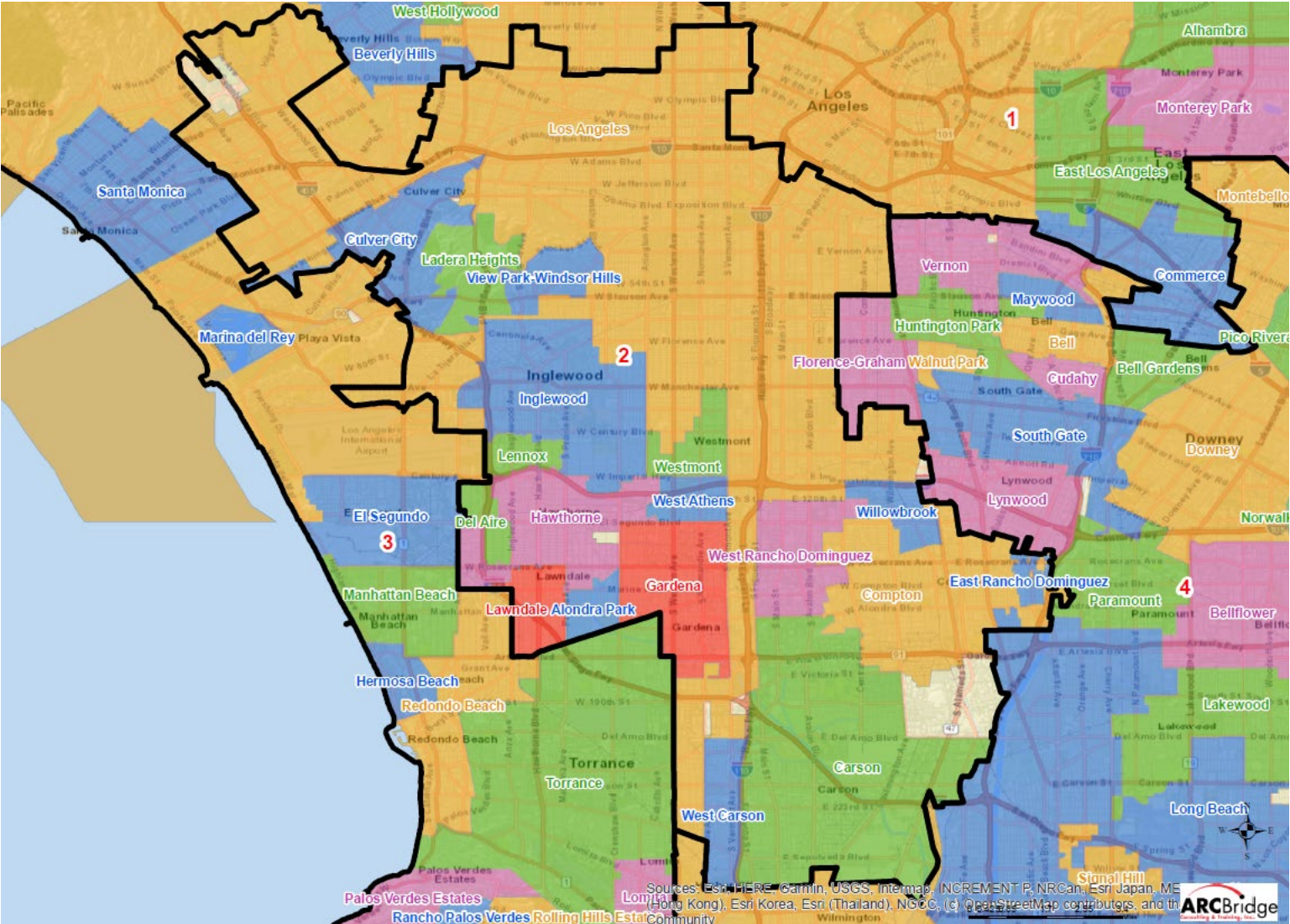
Name	Total Pop	Deviation	Deviation %
1	1,932,923	-76,662	-3.81%

Total Pop, VAP, CVAP



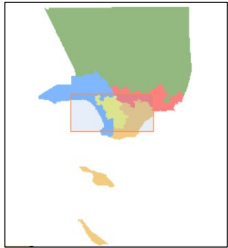
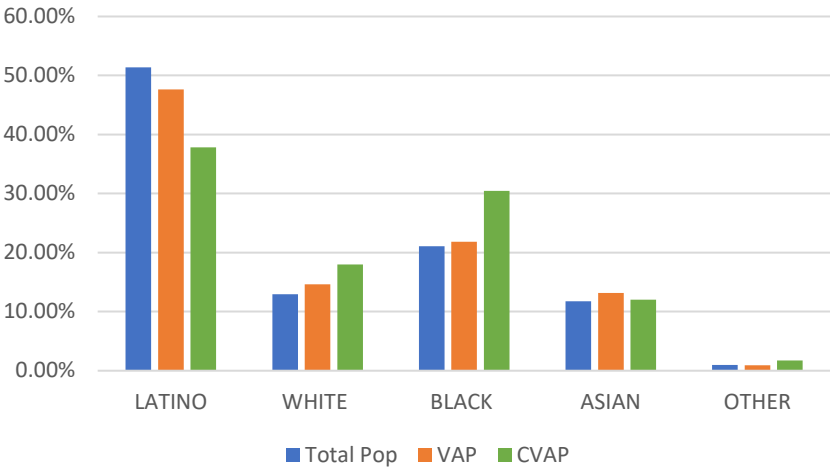
District 1	Total Pop	VAP	CVAP
LATINO	57.87%	54.46%	51.03%
WHITE	12.22%	13.79%	17.53%
BLACK	3.18%	3.44%	4.19%
ASIAN	25.09%	26.74%	26.11%
OTHER	0.64%	0.58%	1.14%

District 2



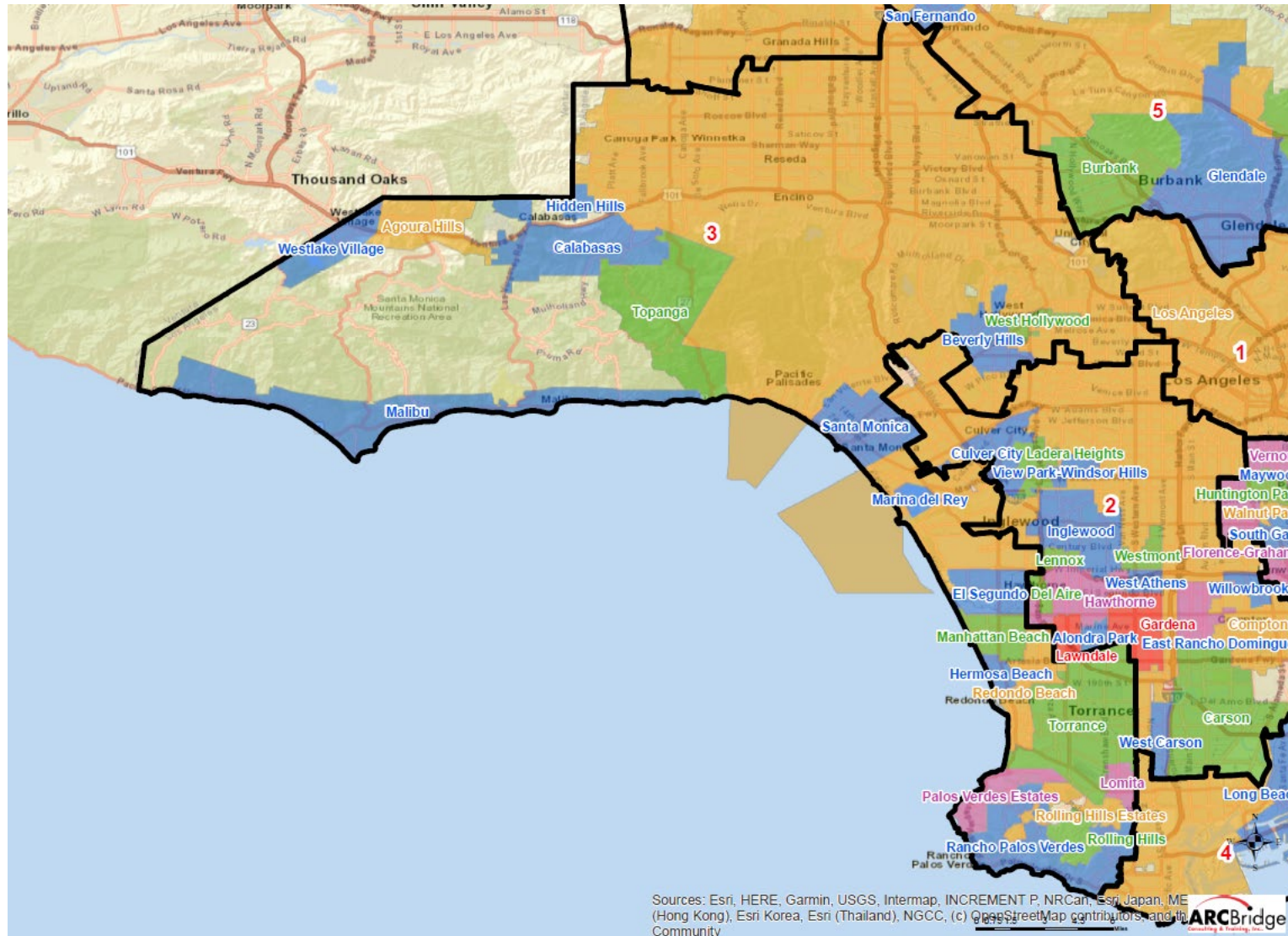
Name	Total Pop	Deviation	Deviation %
2	1,902,403	-107,182	-5.33%

Total Pop, VAP, CVAP



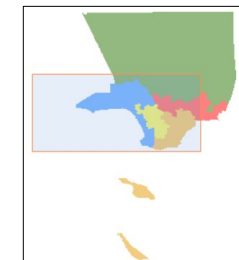
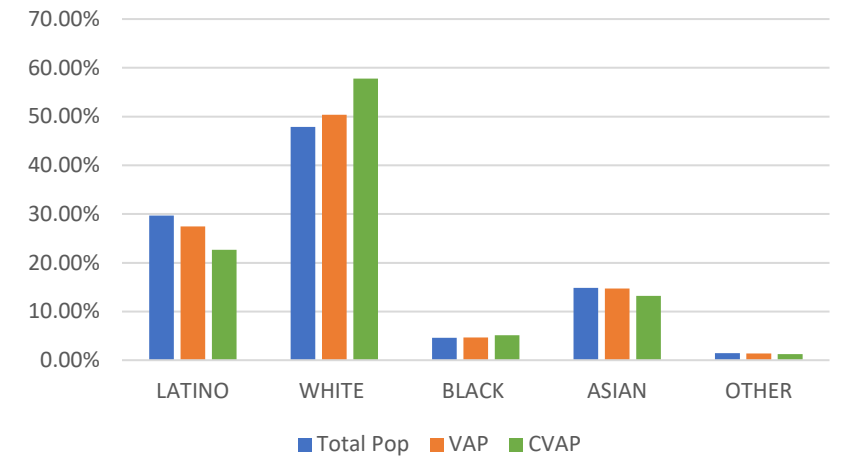
District 2	Total Pop	VAP	CVAP
LATINO	51.36%	47.62%	37.81%
WHITE	12.96%	14.60%	17.99%
BLACK	21.08%	21.85%	30.43%
ASIAN	11.76%	13.15%	12.02%
OTHER	0.97%	0.93%	1.75%

District 3



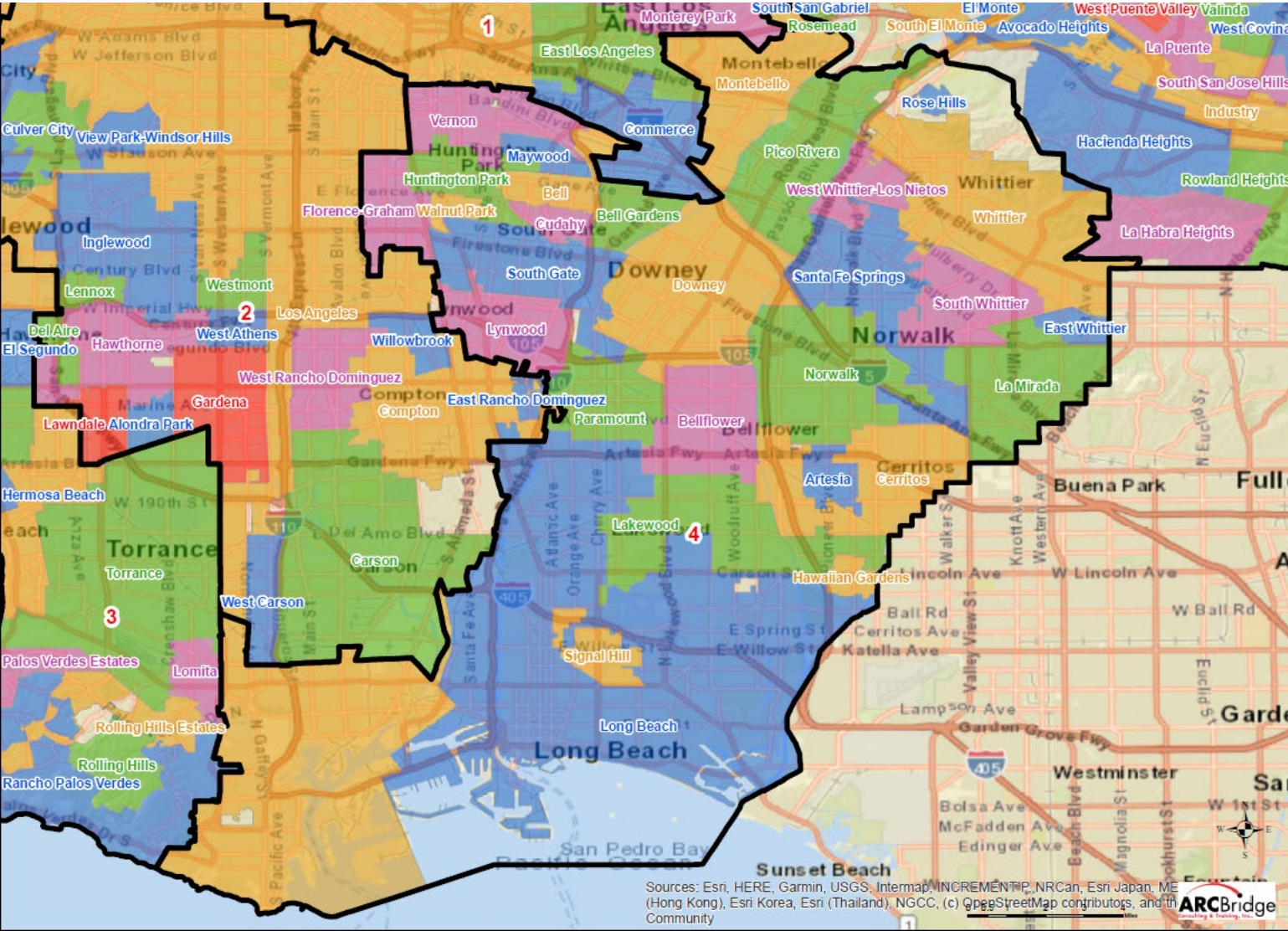
Name	Total Pop	Deviation	Deviation %
3	2,146,689	137,104	6.82%

Total Pop, VAP, CVAP



District 3	Total Pop	VAP	CVAP
LATINO	29.71%	27.44%	22.65%
WHITE	47.88%	50.38%	57.80%
BLACK	4.62%	4.69%	5.10%
ASIAN	14.86%	14.73%	13.21%
OTHER	1.46%	1.36%	1.24%

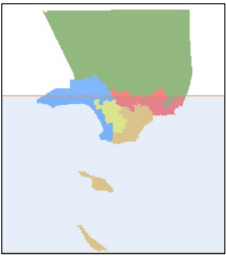
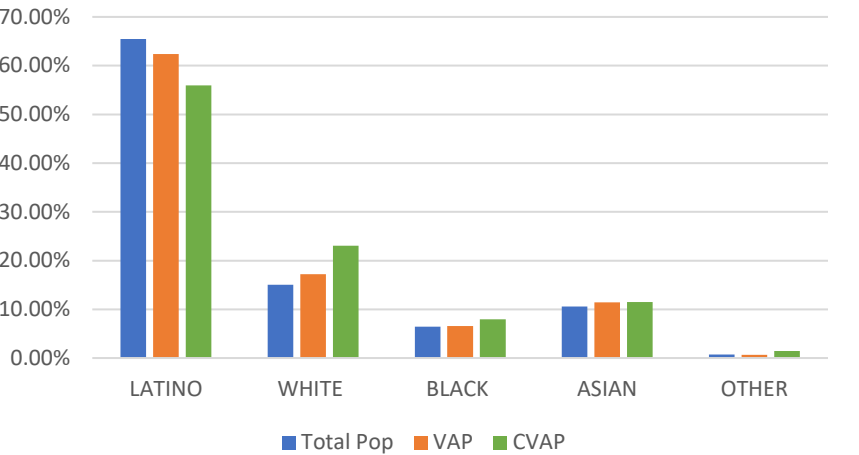
District 4



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, ME (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the ARC Bridge Consulting & Training, Inc.

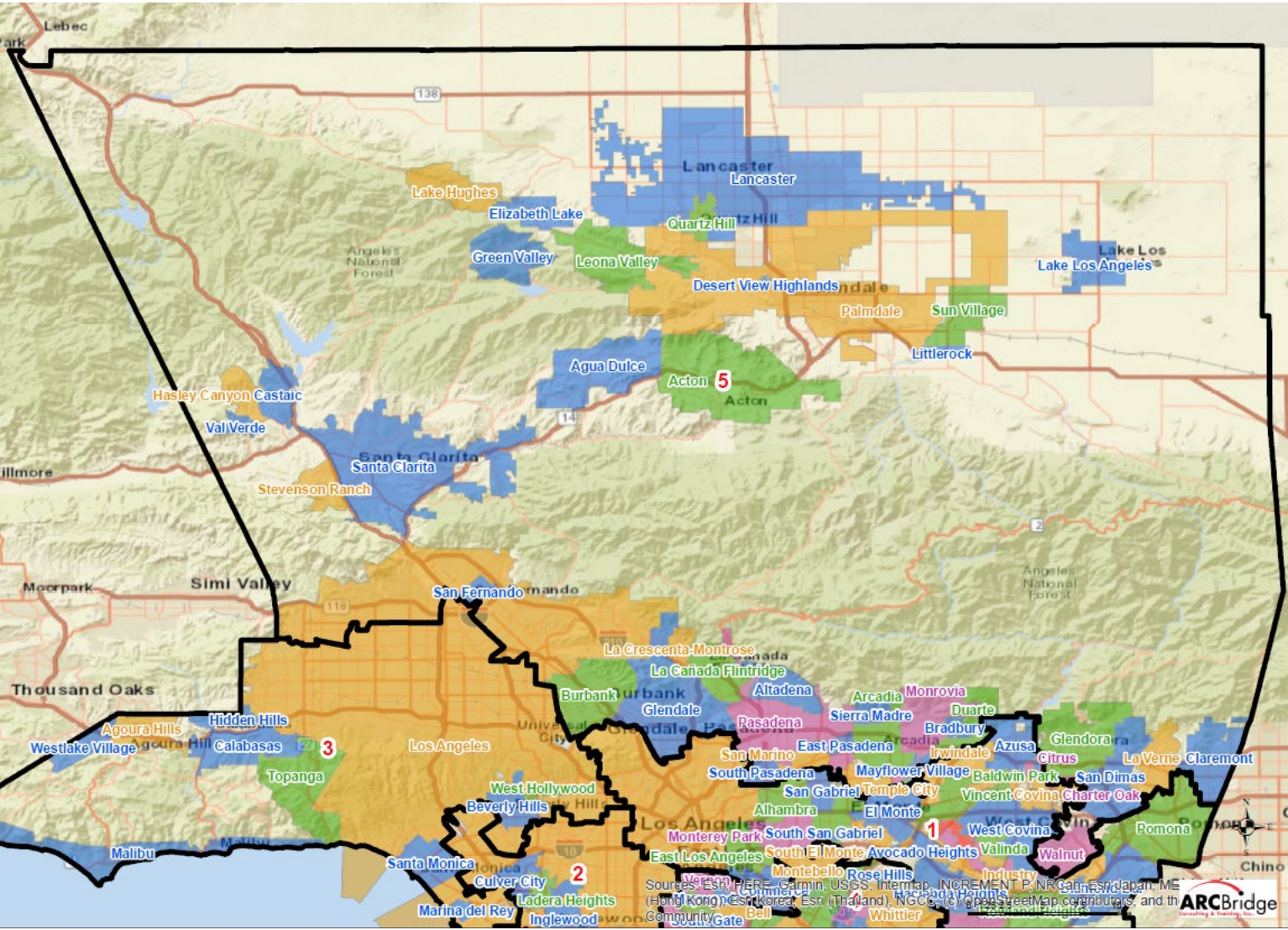
Name	Total Pop	Deviation	Deviation %
4	1,954,031	-55,554	-2.76%

Total Pop, VAP, CVAP



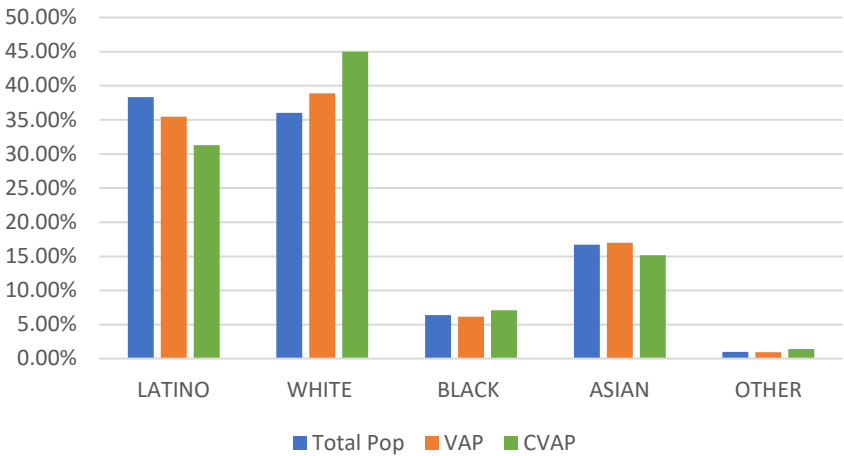
District 4	Total Pop	VAP	CVAP
LATINO	65.45%	62.41%	55.97%
WHITE	15.08%	17.21%	23.05%
BLACK	6.47%	6.60%	7.99%
ASIAN	10.62%	11.45%	11.54%
OTHER	0.76%	0.71%	1.45%

District 5



Name	Total Pop	Deviation	Deviation %
5	2,111,880	102,295	5.09%

Total Pop, VAP, CVAP



District 5	Total Pop	VAP	CVAP
LATINO	38.32%	35.47%	31.31%
WHITE	36.02%	38.87%	44.98%
BLACK	6.38%	6.18%	7.08%
ASIAN	16.71%	17.01%	15.19%
OTHER	1.01%	0.96%	1.44%



LOS ANGELES COUNTY **REDISTRICTING 2021**

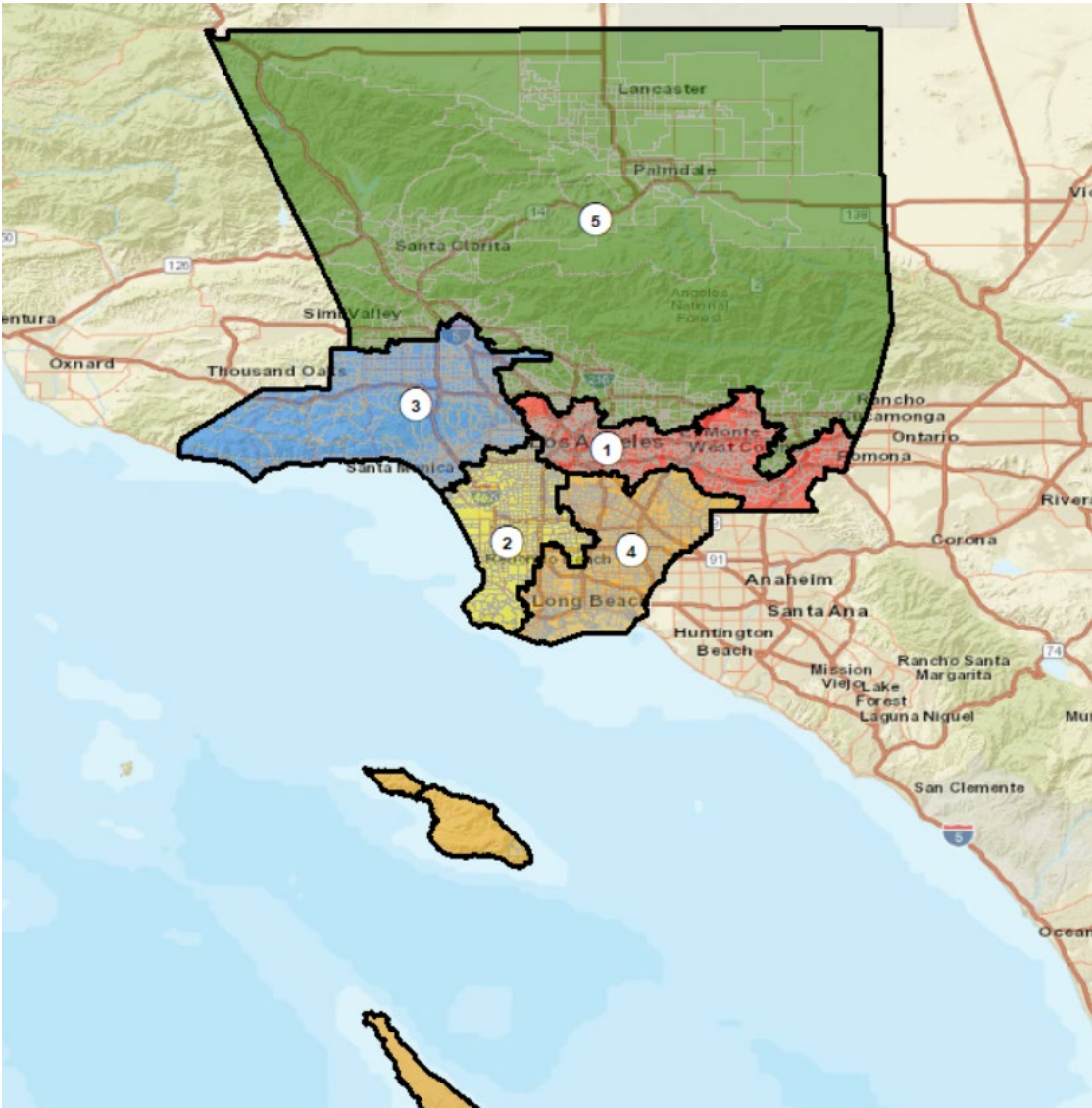
ANALYSIS OF Draft Plan
Name: Draft Map G –11-29-21

Presentation to the County of LOS ANGELES
CITIZENS REDISTRICTING COMMISSION

ARCBridge Consulting & Training Inc.
www.arcbridge.com



Plan Name: Draft Map G

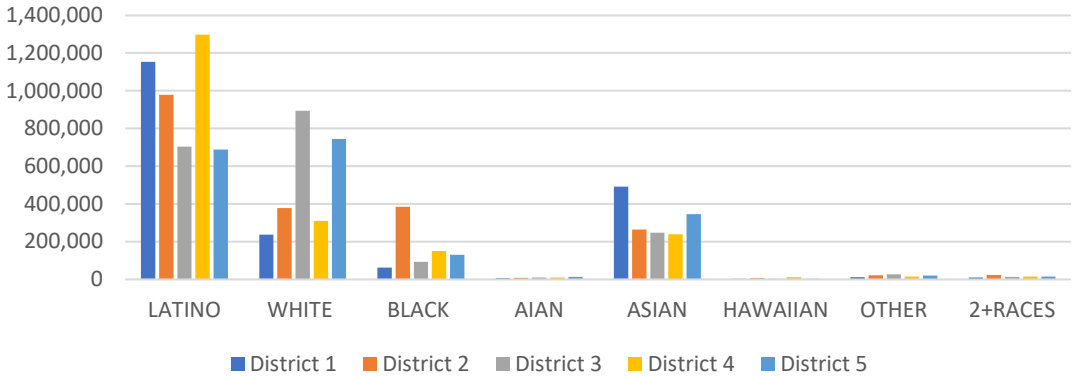


Maximum Deviation – 5.03%

Name	Total Pop	Deviation	Deviation %
1	1,976,922	-32,663	-1.63%
2	2,065,338	55,753	2.77%
3	1,991,406	-18,179	-0.90%
4	2,049,948	40,363	2.01%
5	1,964,312	-45,273	-2.25%

District	Latino	%	White	%	Black	%	Asian	%
1	1,153,900	58.37%	237,635	12.02%	61,835	3.13%	491,515	24.86%
2	977,903	47.35%	377,725	18.29%	385,729	18.68%	263,794	12.77%
3	703,773	35.34%	894,414	44.91%	92,970	4.67%	247,601	12.43%
4	1,297,009	63.27%	310,876	15.17%	151,383	7.38%	238,635	11.64%
5	689,118	35.08%	745,291	37.94%	130,914	6.66%	346,547	17.64%

Ethnic and Racial Information by District



CENSUS 2020 POPULATION AND CITIZEN VOTING AGE POPULATION

TOTAL POPULATION

	District 1	District 2	District 3	District 4	District 5
LATINO	1,153,900	977,903	703,773	1,297,009	689,118
LATINO %	58.37%	47.35%	35.34%	63.27%	35.08%
WHITE	237,635	377,725	894,414	310,876	745,291
WHITE%	12.02%	18.29%	44.91%	15.17%	37.94%
BLACK	61,835	385,729	92,970	151,383	130,914
BLACK %	3.13%	18.68%	4.67%	7.38%	6.66%
AIAN	7,372	7,773	9,962	10,254	13,898
AIAN %	0.37%	0.38%	0.50%	0.50%	0.71%
ASIAN	491,515	263,794	247,601	238,635	346,547
ASIAN %	24.86%	12.77%	12.43%	11.64%	17.64%
HAWAIIAN	2,402	5,836	2,931	11,449	3,021
HAWAIIAN %	0.12%	0.28%	0.15%	0.56%	0.15%
OTHER	12,511	22,726	26,947	15,734	20,541
OTHER %	0.63%	1.10%	1.35%	0.77%	1.05%
2+RACES	9,752	23,852	12,808	14,608	14,982
2+RACES%	0.49%	1.15%	0.64%	0.71%	0.76%
TOTAL	1,976,922	2,065,338	1,991,406	2,049,948	1,964,312

VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
873,555	710,942	534,846	959,835	500,517
54.97%	43.95%	32.62%	60.13%	32.27%
215,619	326,790	776,106	275,829	633,783
13.57%	20.20%	47.33%	17.28%	40.86%
53,860	313,263	78,790	120,842	99,625
3.39%	19.37%	4.81%	7.57%	6.42%
6,247	6,438	8,597	8,919	11,693
0.39%	0.40%	0.52%	0.56%	0.75%
421,543	220,548	208,853	200,212	277,487
26.53%	13.63%	12.74%	12.54%	17.89%
1,949	4,541	2,368	9,035	2,380
0.12%	0.28%	0.14%	0.57%	0.15%
9,155	16,889	20,807	11,485	15,373
0.58%	1.04%	1.27%	0.72%	0.99%
7,117	18,105	9,237	10,147	10,386
0.45%	1.12%	0.56%	0.64%	0.67%
1,589,045	1,617,516	1,639,604	1,596,304	1,551,244

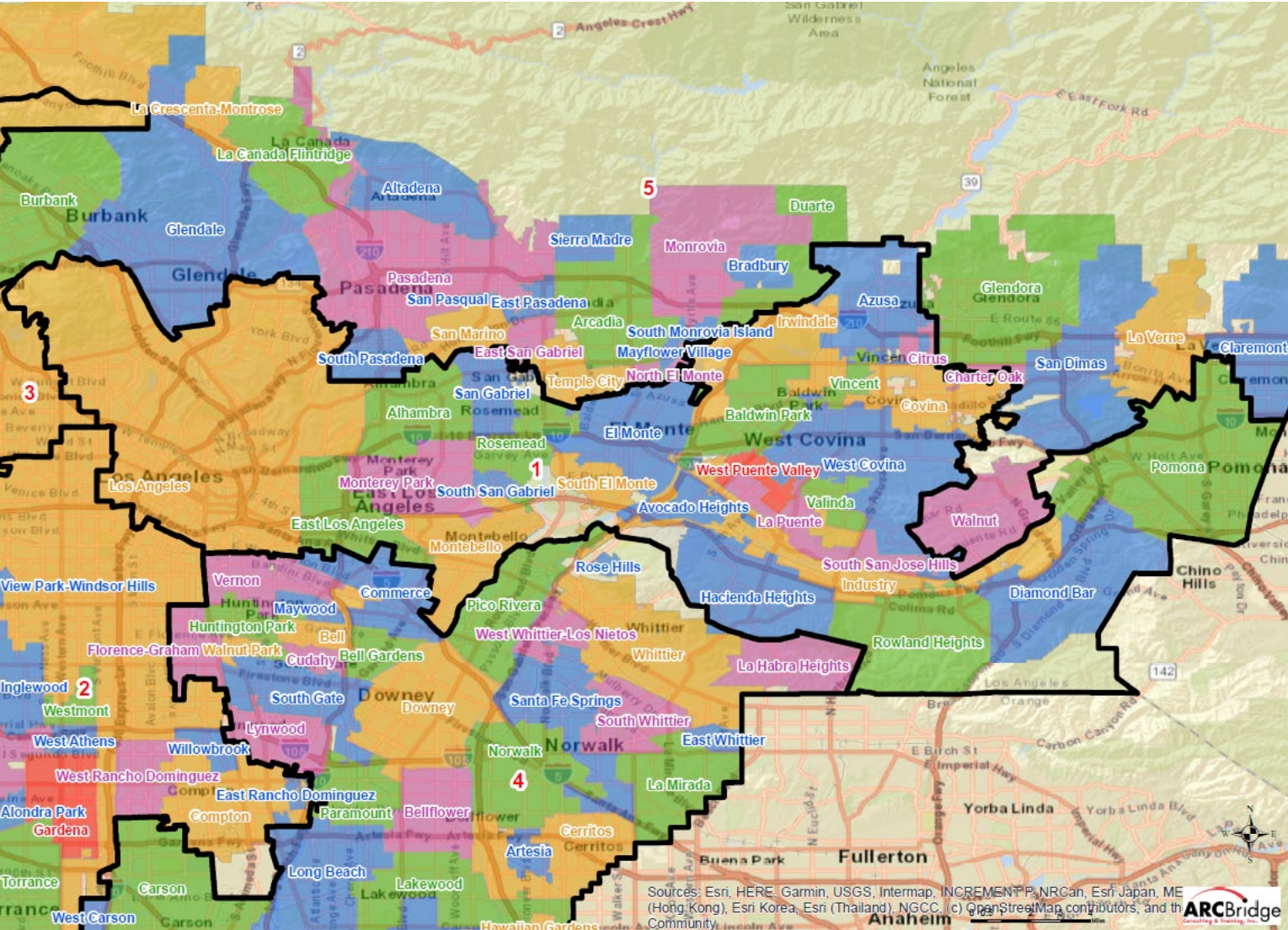
CITIZEN VOTING AGE POPULATION

District 1	District 2	District 3	District 4	District 5
625,684	417,641	359,302	678,530	370,611
51.58%	34.62%	27.00%	53.63%	28.51%
208,763	302,859	731,236	290,885	609,937
17.21%	25.11%	54.95%	22.99%	46.91%
50,110	316,117	72,936	116,700	94,278
4.13%	26.21%	5.48%	9.22%	7.25%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
314,890	150,740	151,777	158,140	206,222
25.96%	12.50%	11.41%	12.50%	15.86%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
13,514	18,860	15,508	20,960	19,111
1.11%	1.56%	1.17%	1.66%	1.47%
N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A
1,212,961	1,206,217	1,330,759	1,265,215	1,300,159

NUMBER OF SPLIT CITIES/CSAS, LA CITY NEIGHBORHOOD COUNCILS, COIS

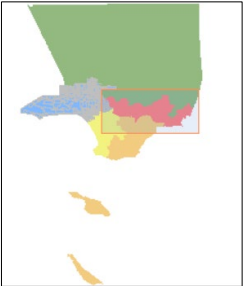
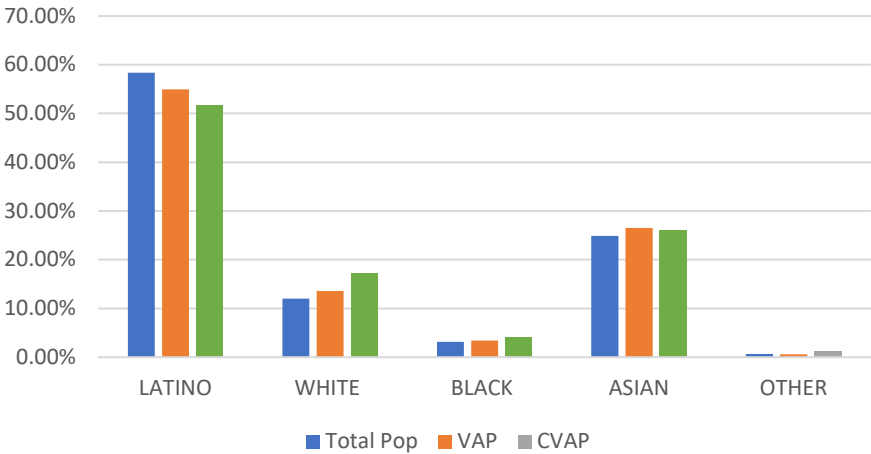
Max Deviation	Number of Districts with Polsby Popper-Compactness Score of >.2	# Majority Minority Districts		Splits		Community of Interest Models (COI)		
		Based on Total Population	Based on CVAP	Consolidated Statistical Areas (CSAs) # CSAs	Neighborhood Councils	COI A	COI B	COI C
5.03%	3	2	2	3	20	9	7	9

District 1



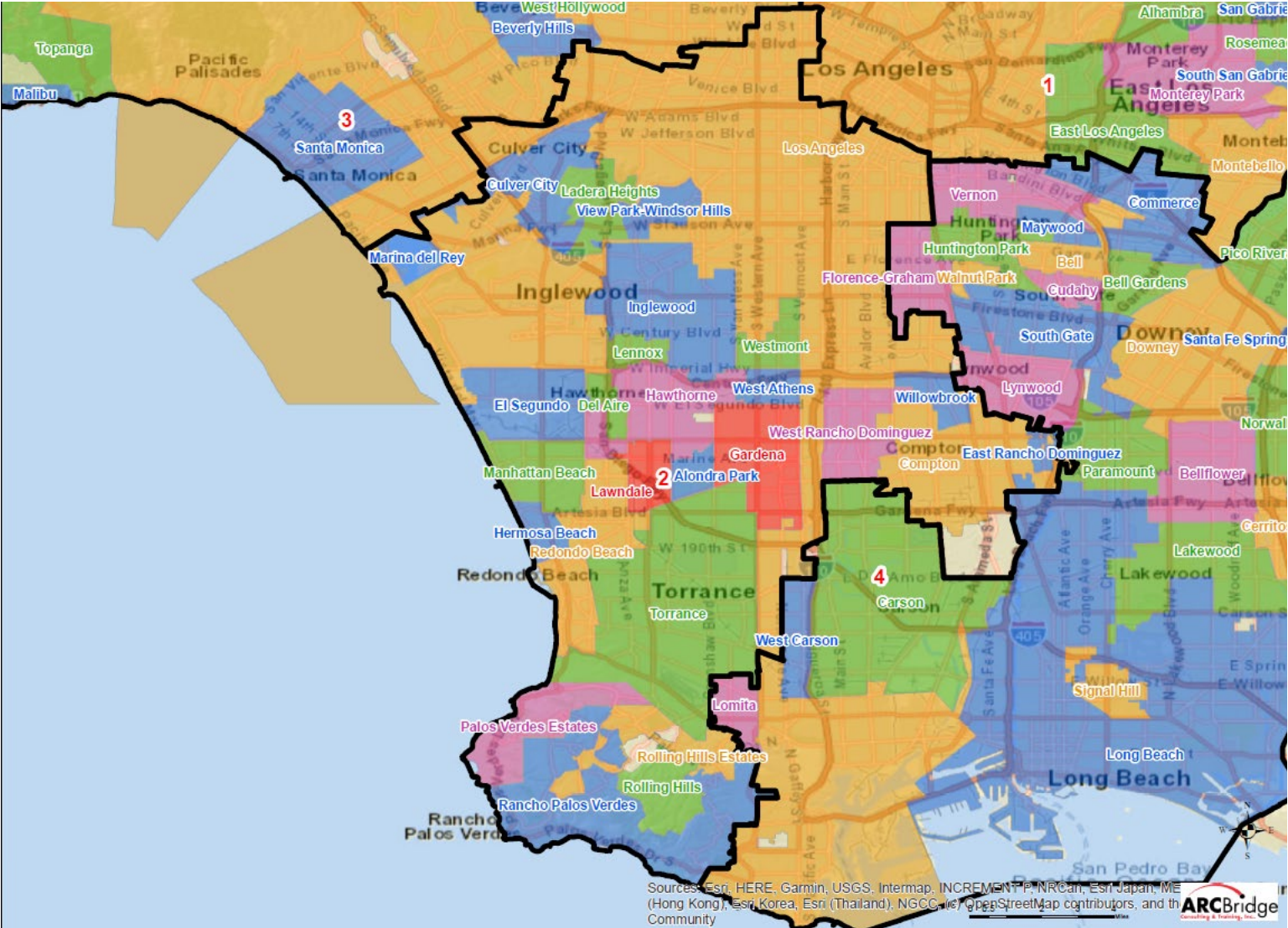
Name	Total Pop	Deviation	Deviation %
1	1,976,922	-32,663	-1.63%

Total Pop, VAP, CVAP



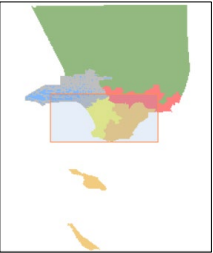
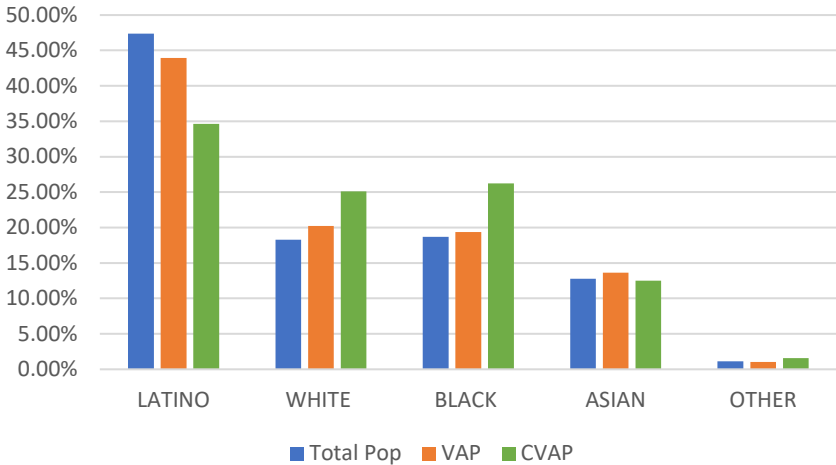
District 1	Total Pop	VAP	CVAP
LATINO	58.37%	54.97%	51.58%
WHITE	12.02%	13.57%	17.21%
BLACK	3.13%	3.39%	4.13%
ASIAN	24.86%	26.53%	25.96%
OTHER	0.63%	0.58%	1.11%

District 2



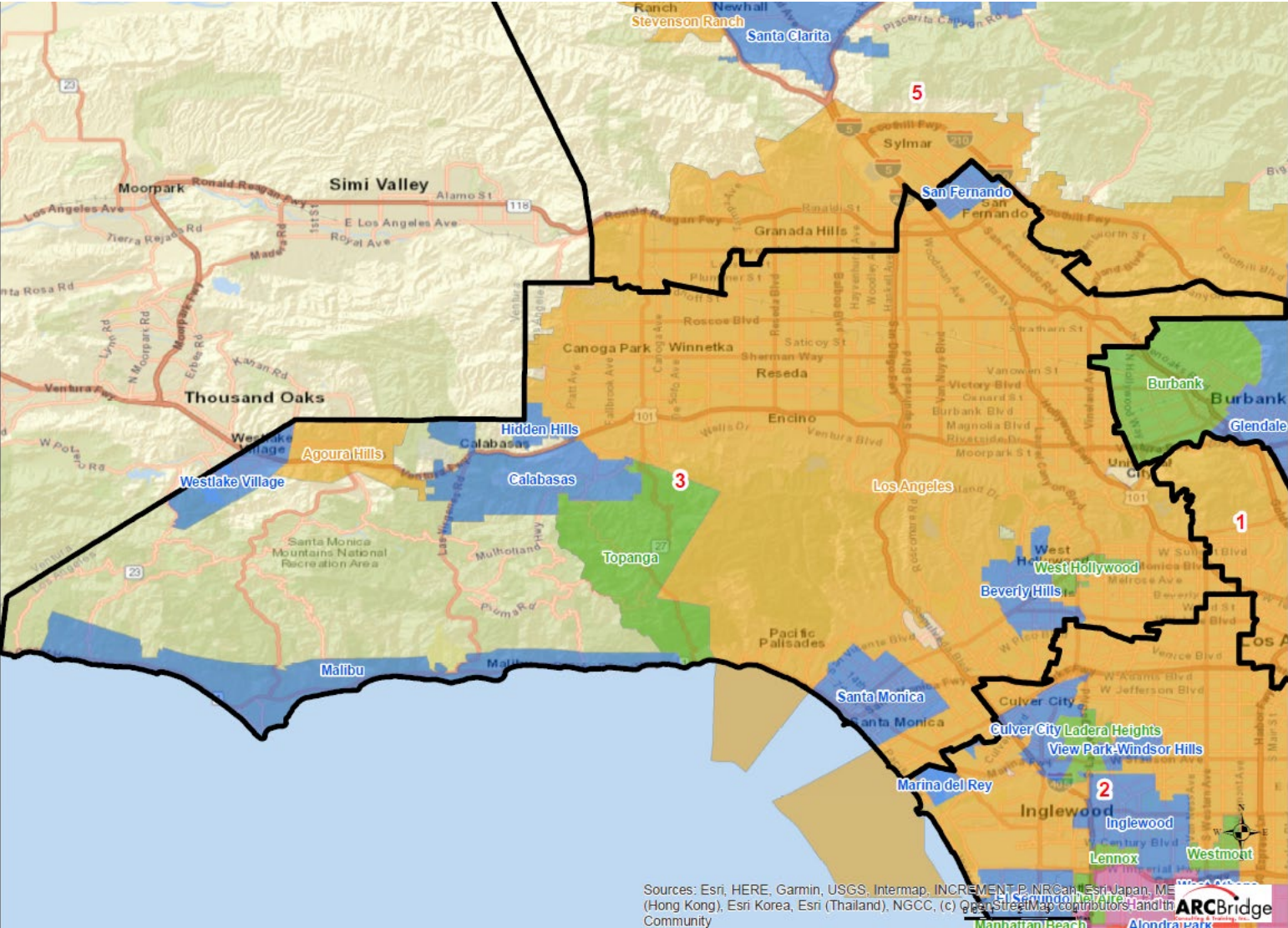
Name	Total Pop	Deviation	Deviation %
2	2,065,338	55,753	2.77%

Total Pop, VAP, CVAP



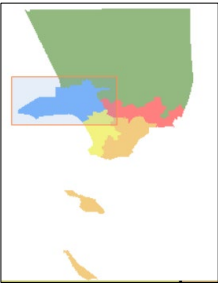
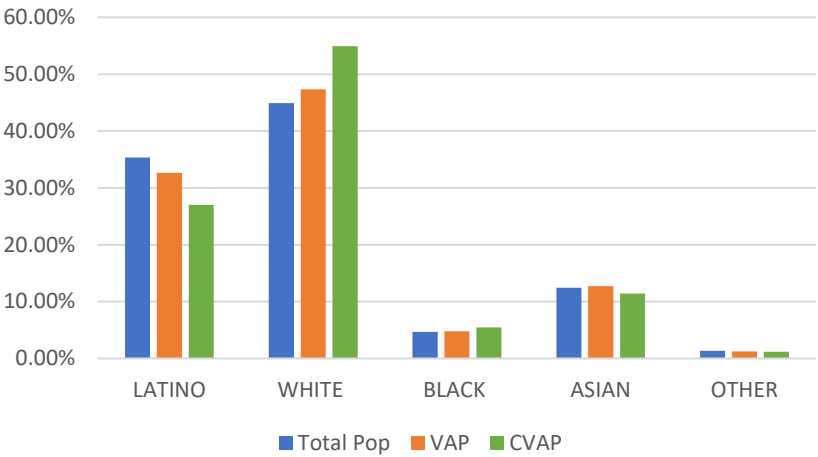
District 2	Total Pop	VAP	CVAP
LATINO	47.35%	43.95%	34.62%
WHITE	18.29%	20.20%	25.11%
BLACK	18.68%	19.37%	26.21%
ASIAN	12.77%	13.63%	12.50%
OTHER	1.10%	1.04%	1.56%

District 3



Name	Total Pop	Deviation	Deviation %
3	1,991,406	-18,179	-0.90%

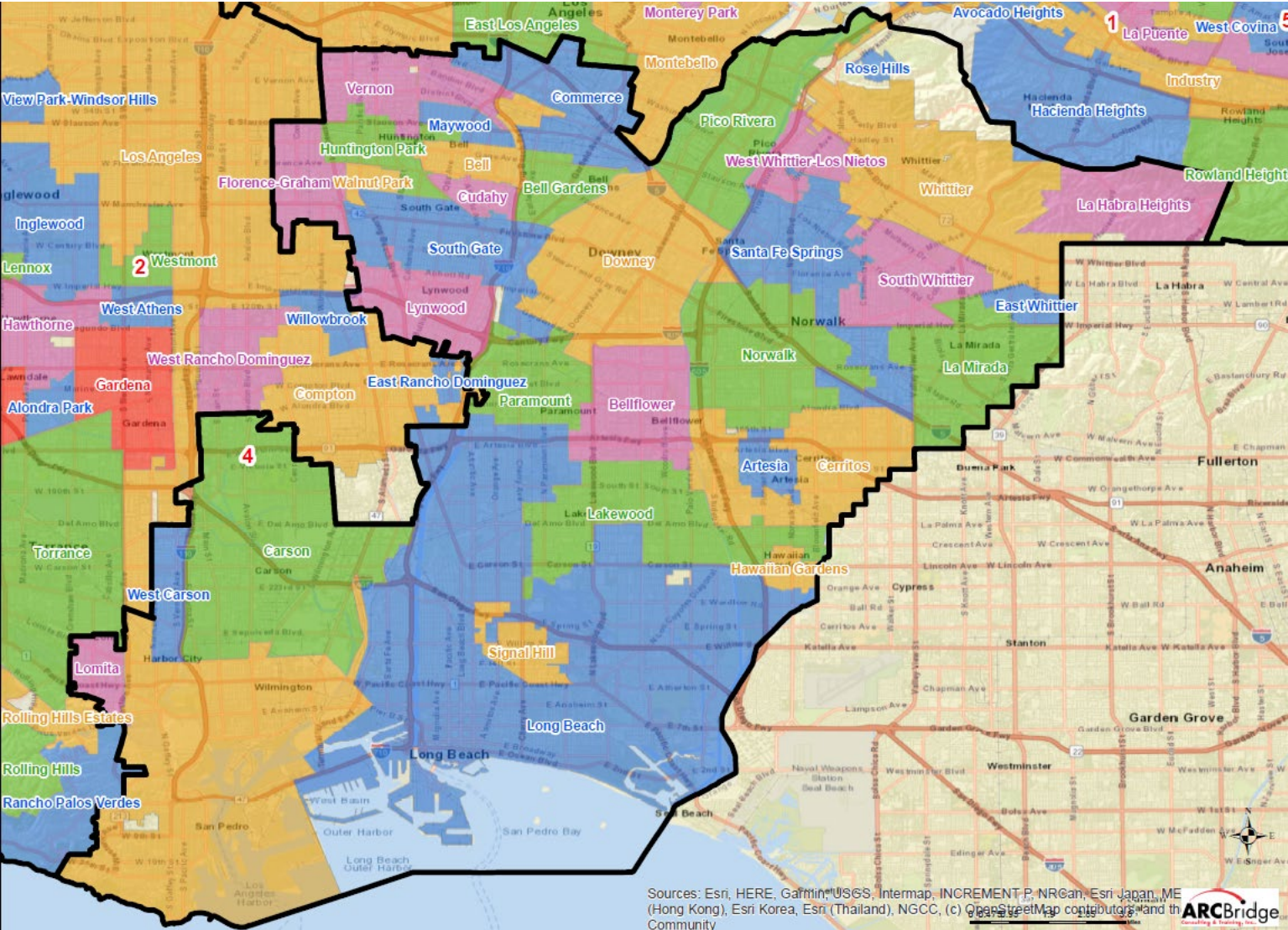
Total Pop, VAP, CVAP



District 3	Total Pop	VAP	CVAP
LATINO	35.34%	32.62%	27.00%
WHITE	44.91%	47.33%	54.95%
BLACK	4.67%	4.81%	5.48%
ASIAN	12.43%	12.74%	11.41%
OTHER	1.35%	1.27%	1.17%

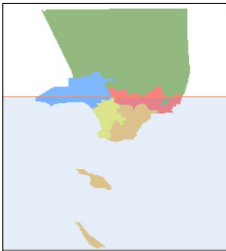
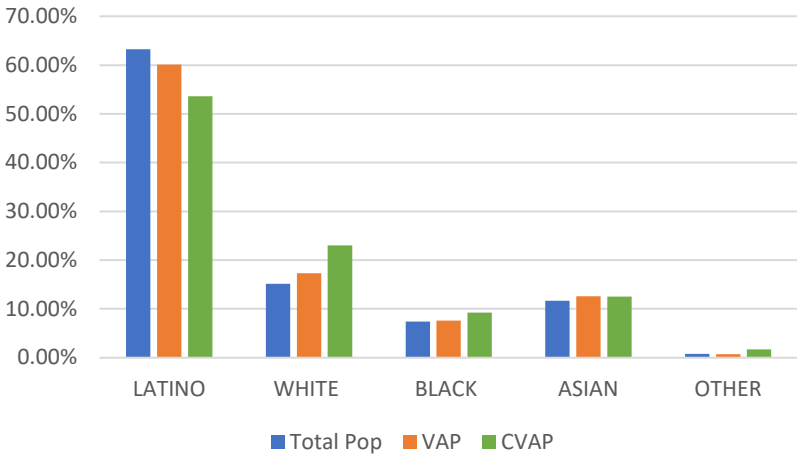
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, ME (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the Community

District 4



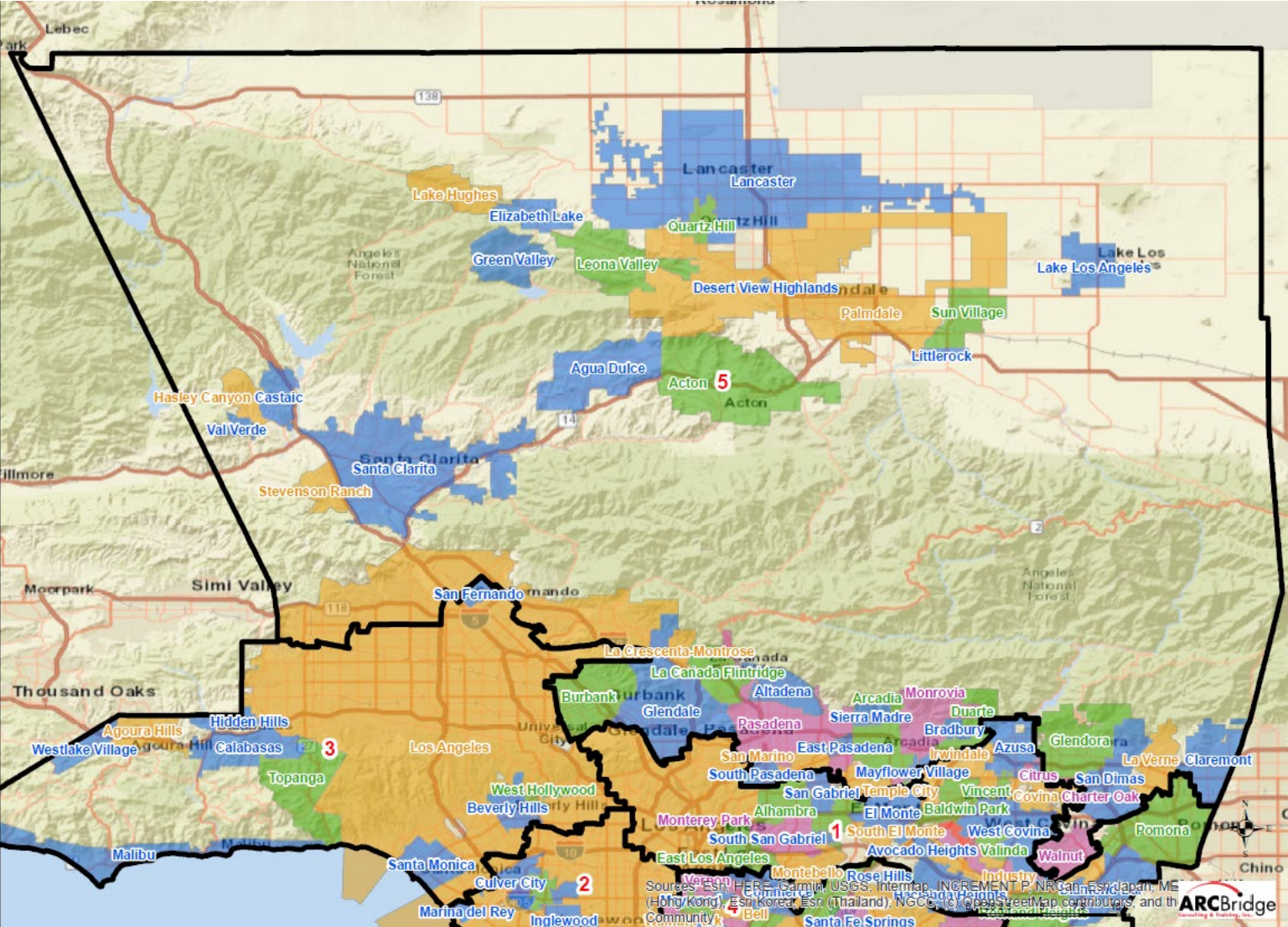
Name	Total Pop	Deviation	Deviation %
4	2,049,948	40,363	2.01%

Total Pop, VAP, CVAP



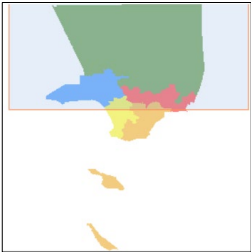
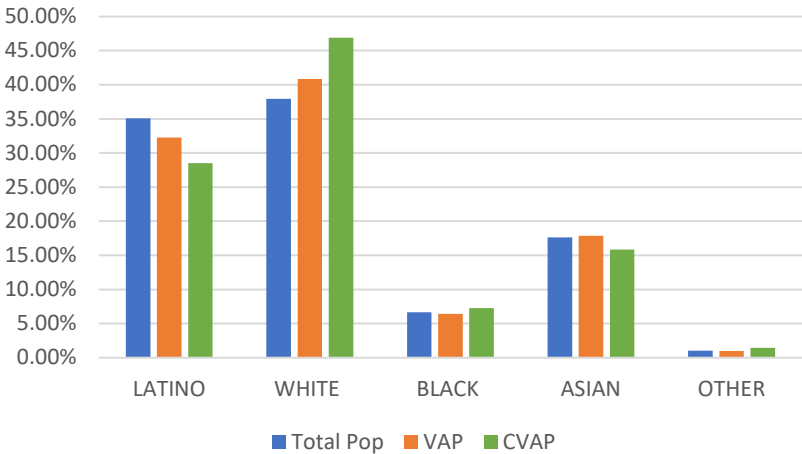
District 4	Total Pop	VAP	CVAP
LATINO	63.27%	60.13%	53.63%
WHITE	15.17%	17.28%	22.99%
BLACK	7.38%	7.57%	9.22%
ASIAN	11.64%	12.54%	12.50%
OTHER	0.77%	0.72%	1.66%

District 5



Name	Total Pop	Deviation	Deviation %
5	1,964,312	-45,273	-2.25%

Total Pop, VAP, CVAP



District 5	Total Pop	VAP	CVAP
LATINO	35.08%	32.27%	28.51%
WHITE	37.94%	40.86%	46.91%
BLACK	6.66%	6.42%	7.25%
ASIAN	17.64%	17.89%	15.86%
OTHER	1.05%	0.99%	1.47%