Redistricting Training

Redistricting 101

County of San Diego Independent Redistricting Commission
Website: *www.sandiegocounty.gov/redistricting*
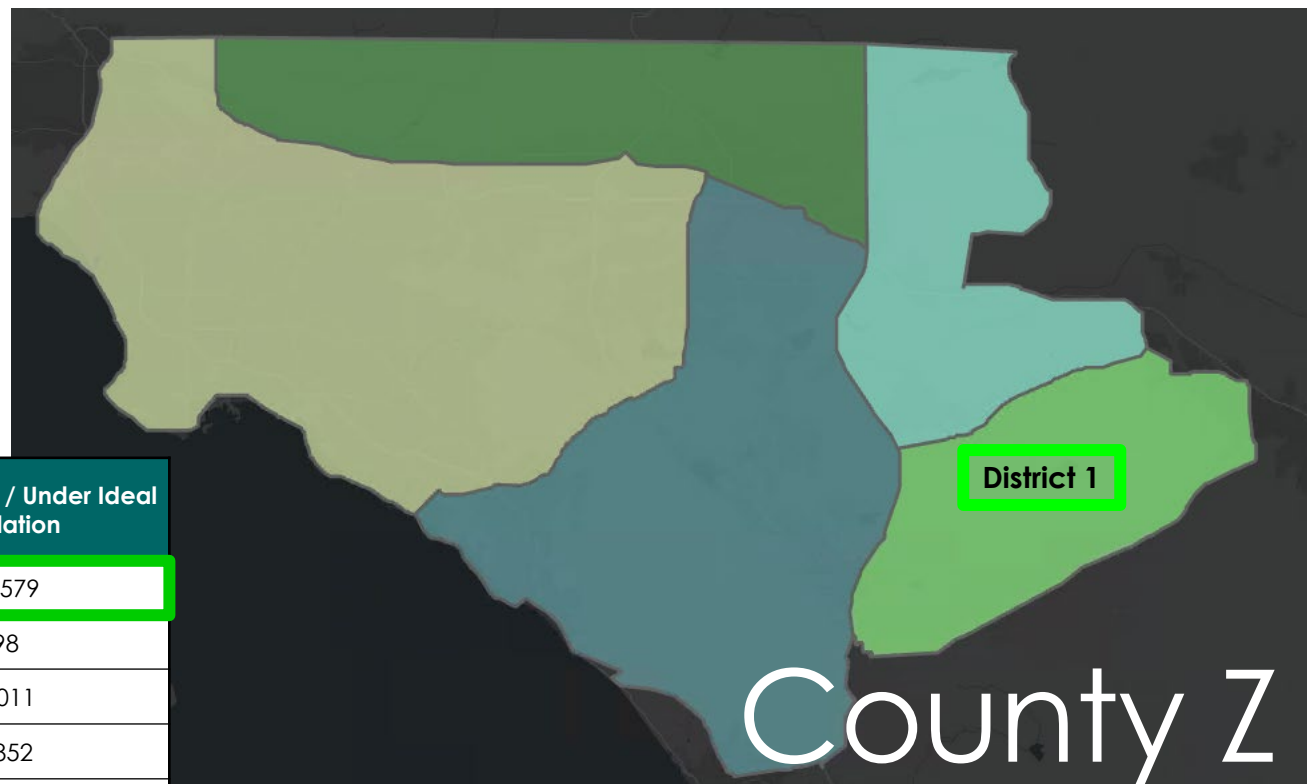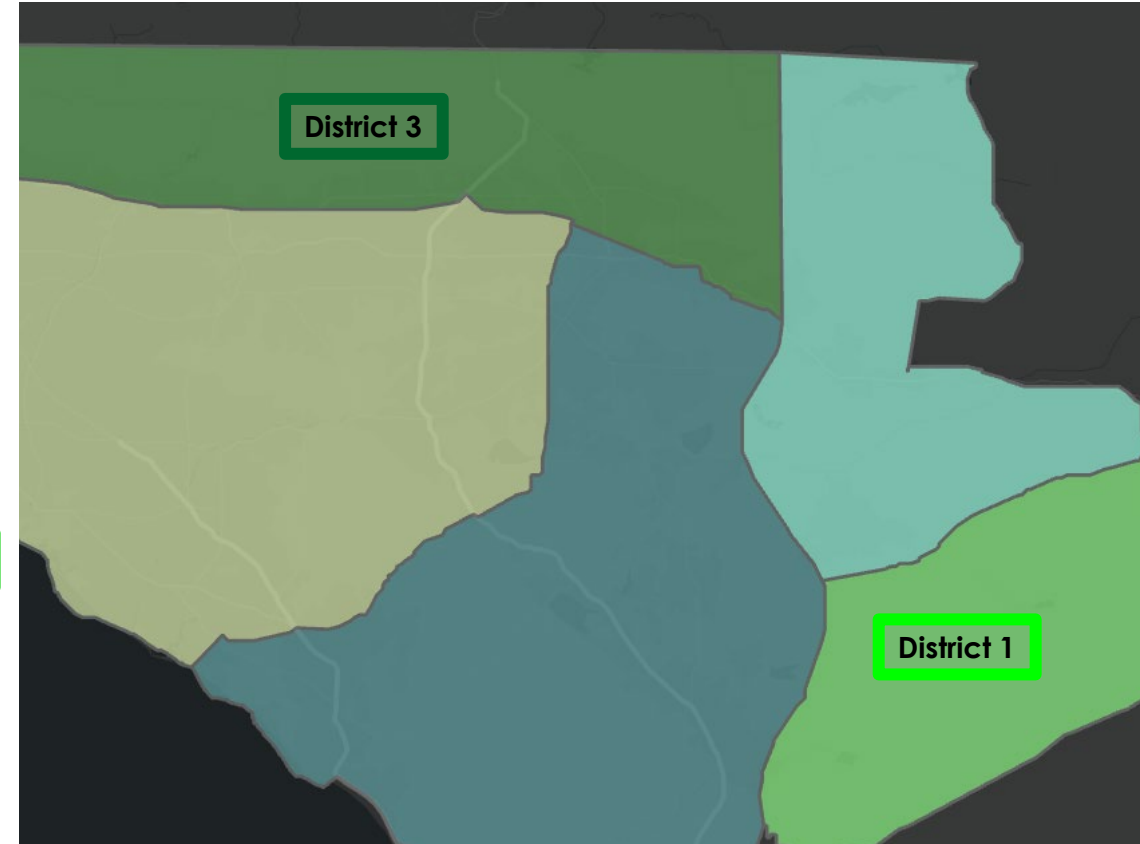
Overview

○ 2020 Census Tracts

County of San Diego Independent Redistricting Commission
Website: *www.sandiegocounty.gov/redistricting*

Redistricting Example

○ In Example County Z, District 1 is the least populated and requires more population > enlarge area to include more people

District 1

County Z

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
1,532,135	306,427	12.9%	1	286,848	-6.4%	-19,579
			2	307,025	0.2%	598
			3	326,438	6.5%	20,011
			4	303,575	-0.9%	-2,852
			5	308,249	0.6%	1,822

Redistricting Example

○ District 1 is the least populated and requires more population > enlarge area to include more people

○ District 3 has the most population and could provide population to District 1

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	-19,579
			2	307,025	0.2%	598
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			4	303,575	-0.9%	-2,852
			5	308,249	0.6%	1,822

District 3

District 1

Redistricting Example

- District 1 is the least populated and requires more population > enlarge area to include more people

- District 3 has the most population and could provide population to District 1

- Move **area** from District 3 to District 1

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	-19,579
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Redistricting Example

◦ District 1 is the least populated and requires more population > enlarge area to include more people

◦ District 3 has the most population and could provide population to District 1

◦ ~~Move **area** from District 3 to District 1~~

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
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Redistricting Example

○ District 1 is the least populated and requires more population > enlarge area to include more people

○ District 3 has the most population and could provide population to District 1

○ Connect District 3 and District 1 by moving **area** from District 4 to District 1

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	-19,579
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Redistricting Example

○ District 1 is the least populated and requires more population > enlarge area to include more people

○ District 3 has the most population and could provide population to District 1

○ ~~Connect District 3 and District 1 by moving **area** from District 4 to District 1~~

○ **District 1 would not be compact**

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
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			2	307,025	0.2%	598
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Redistricting Example

○ District 1 is the least populated and requires more population > enlarge area to include more people

○ District 3 has the most population and could provide population to District 1

○ District 4 could take on population from District 3, allowing District 1 to take on population from District 4

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
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			5	308,249	0.6%	1,822

District 3
District 4
District 1

Redistricting Example

○ District 1 is the least populated and requires more population > enlarge area to include more people

○ District 3 has the most population and could provide population to District 1

○ District 4 could take on population from District 3, allowing District 1 to take on population from District 4
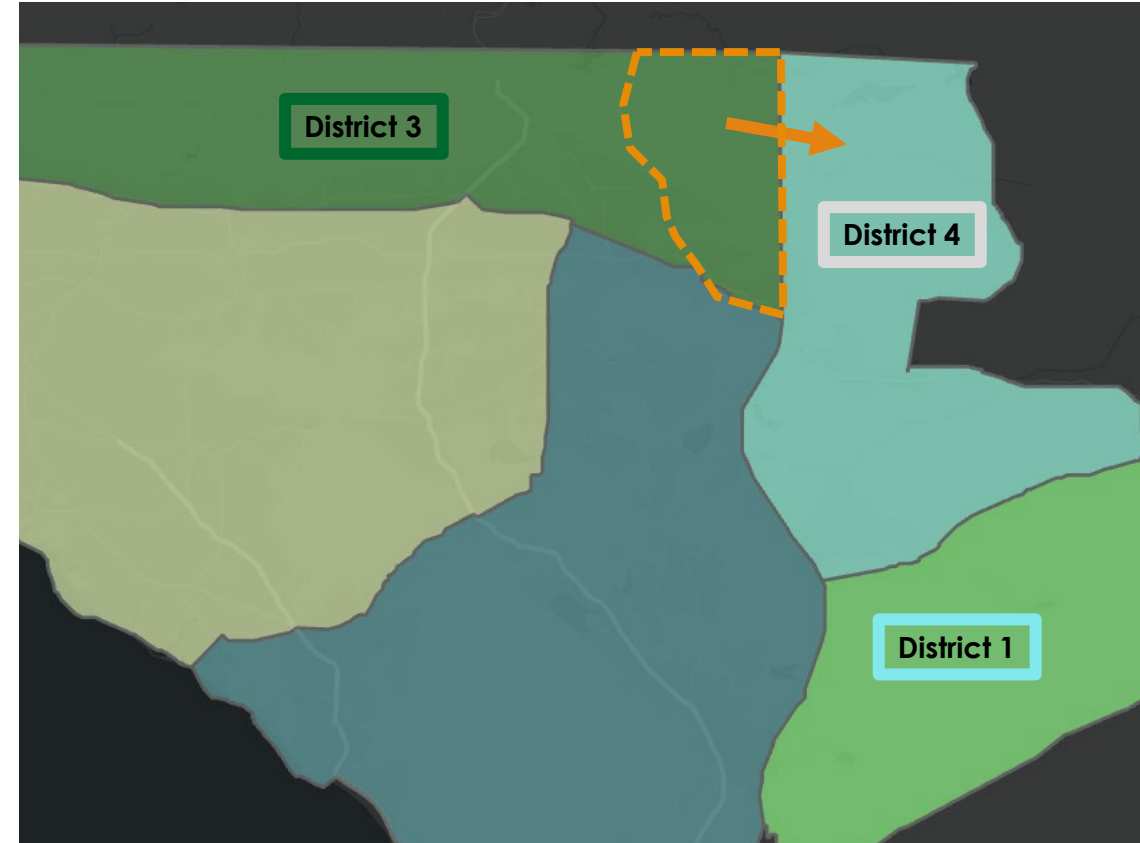
County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	286,848
			2	307,025	0.2%	307,025
1,532,135	306,427	12.9%	3	326,438	6.5%	326,438
			4	303,575	-0.9%	303,575
			5	308,249	0.6%	308,249

Redistricting Example

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
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◦ District 1 is the least populated and requires more population > enlarge area to include more people

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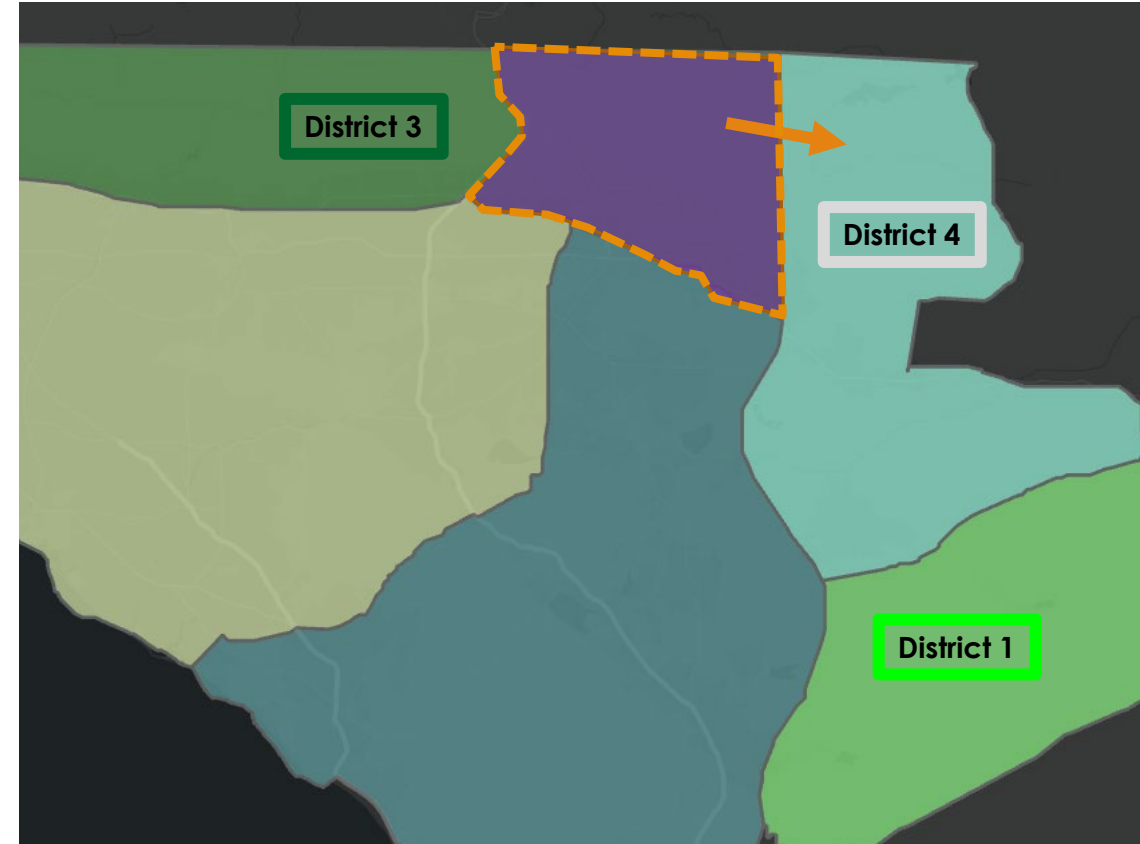◦ ~~Move **area** from District 3 to District 4~~

◦ **Change splits a community of interest**

FLO Analytics

COUNTY OF SAN DIEGO INDEPENDENT REDISTRICTING COMMISSION

Redistricting Example

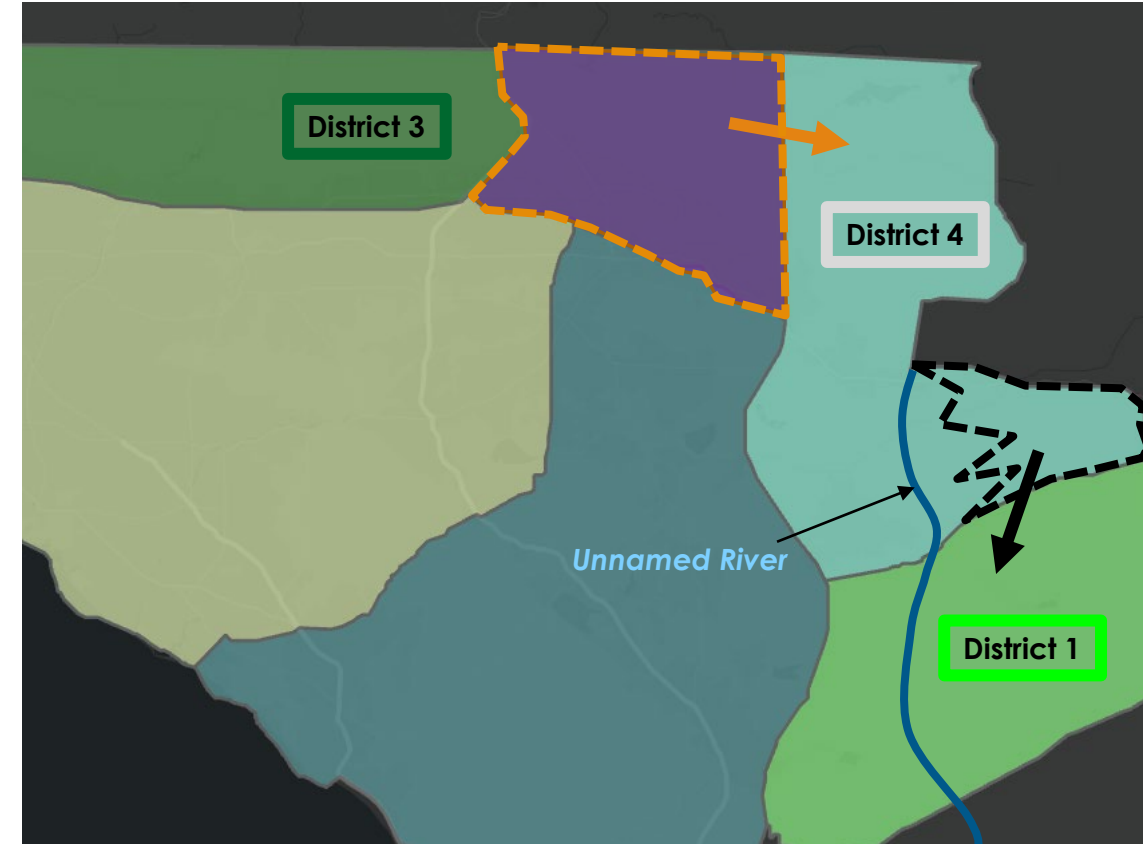| County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	286,848
1,532,135	306,427	12.9%	3	326,438	6.5%	326,438
			4	303,575	-0.9%	303,575
			5	308,249	0.6%	308,249

◦ District 1 is the least populated and requires more population > enlarge area to include more people

◦ District 3 has the most population and could provide population to District 1

◦ District 4 could take on population from District 3, allowing District 1 to take on population from District 4

◦ Move **area** from District 3 to District 4 that keeps the **community of interest** in a single district

Redistricting Example

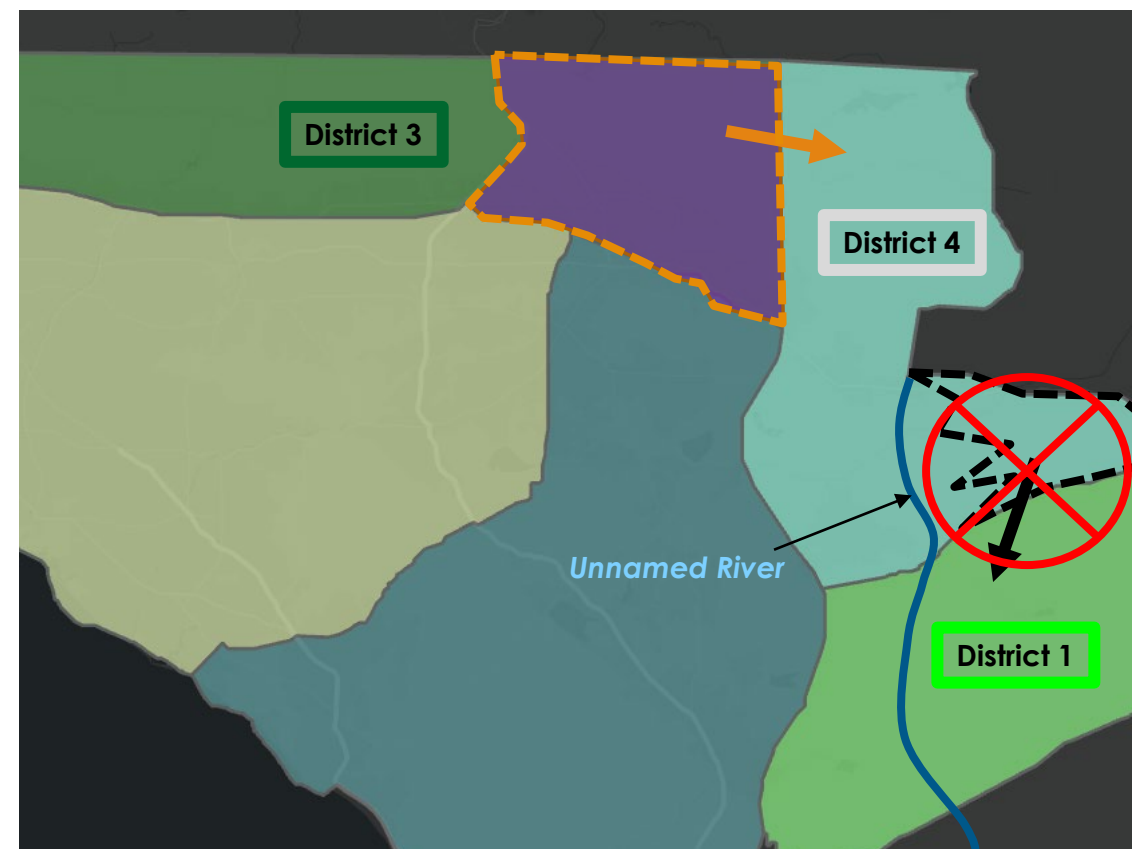| County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	286,848
1,532,135	306,427	12.9%				
			3	326,438	6.5%	326,438
			4	303,575	-0.9%	303,575
			5	308,249	0.6%	308,249

◦ District 1 is the least populated and requires more population > enlarge area to include more people

◦ District 3 has the most population and could provide population to District 1

◦ District 4 could take on population from District 3, allowing District 1 to take on population from District 4

◦ Move **area** from District 3 to District 4 that keeps the **community of interest** in a single district

◦ Move **area** from District 4 to District 1

District 3

District 4

Unnamed River

District 1

Redistricting Example

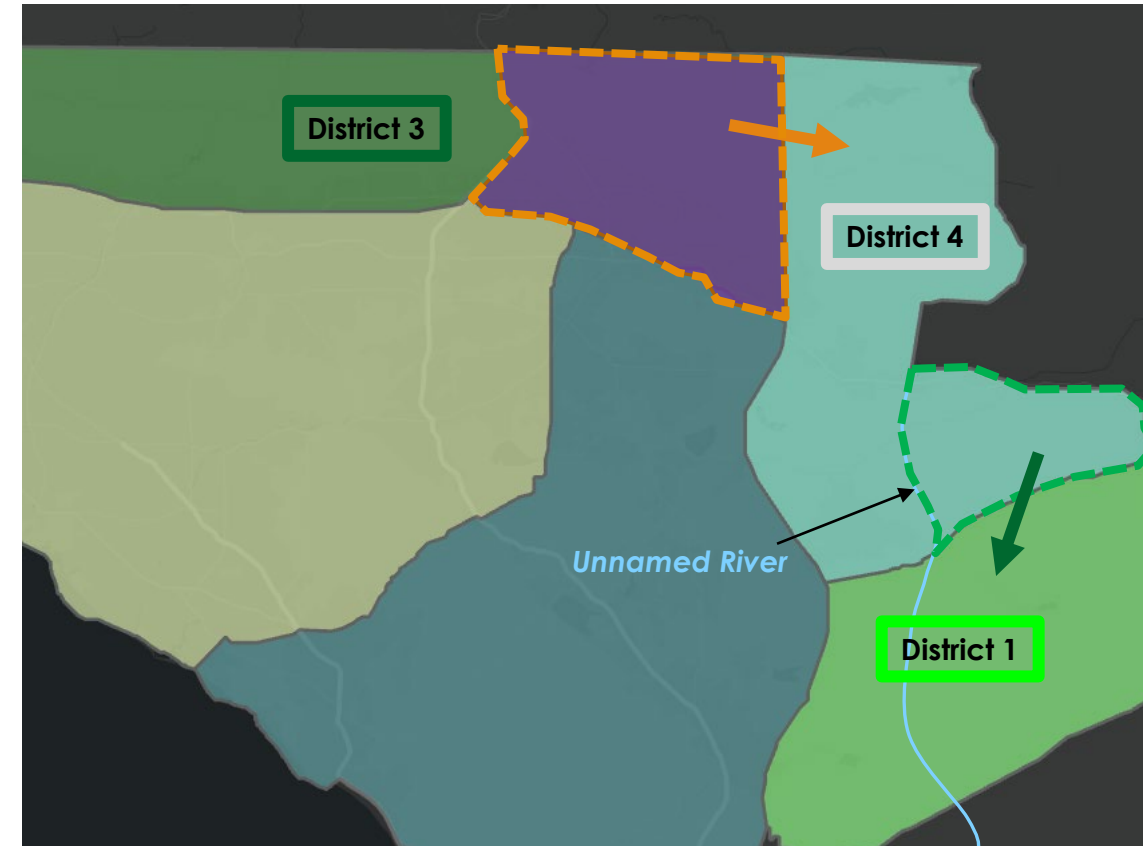| County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	286,848
1,532,135	306,427	12.9%	3	326,438	6.5%	326,438
			4	303,575	-0.9%	303,575
			5	308,249	0.6%	308,249

◦ District 1 is the least populated and requires more population > enlarge area to include more people

◦ District 3 has the most population and could provide population to District 1

◦ District 4 could take on population from District 3, allowing District 1 to take on population from District 4

◦ Move **area** from District 3 to District 4 that keeps the **community of interest** in a single district

◦ ~~Move **area** from District 4 to District 1~~

◦ **Not using easily identifiable and understandable features to create boundary**

District 3

District 4

Unnamed River

District 1

Redistricting Example

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	286,848	-6.4%	286,848
1,532,135	306,427	12.9%				
			3	326,438	6.5%	326,438
			4	303,575	-0.9%	303,575
			5	308,249	0.6%	308,249

◦ District 1 is the least populated and requires more population > enlarge area to include more people

◦ District 3 has the most population and could provide population to District 1

◦ District 4 could take on population from District 3, allowing District 1 to take on population from District 4

◦ Move **area** from District 3 to District 4 that keeps the **community of interest** in a single district

◦ Move **area** from District 4 to District 1 that uses easily identifiable and understandable features
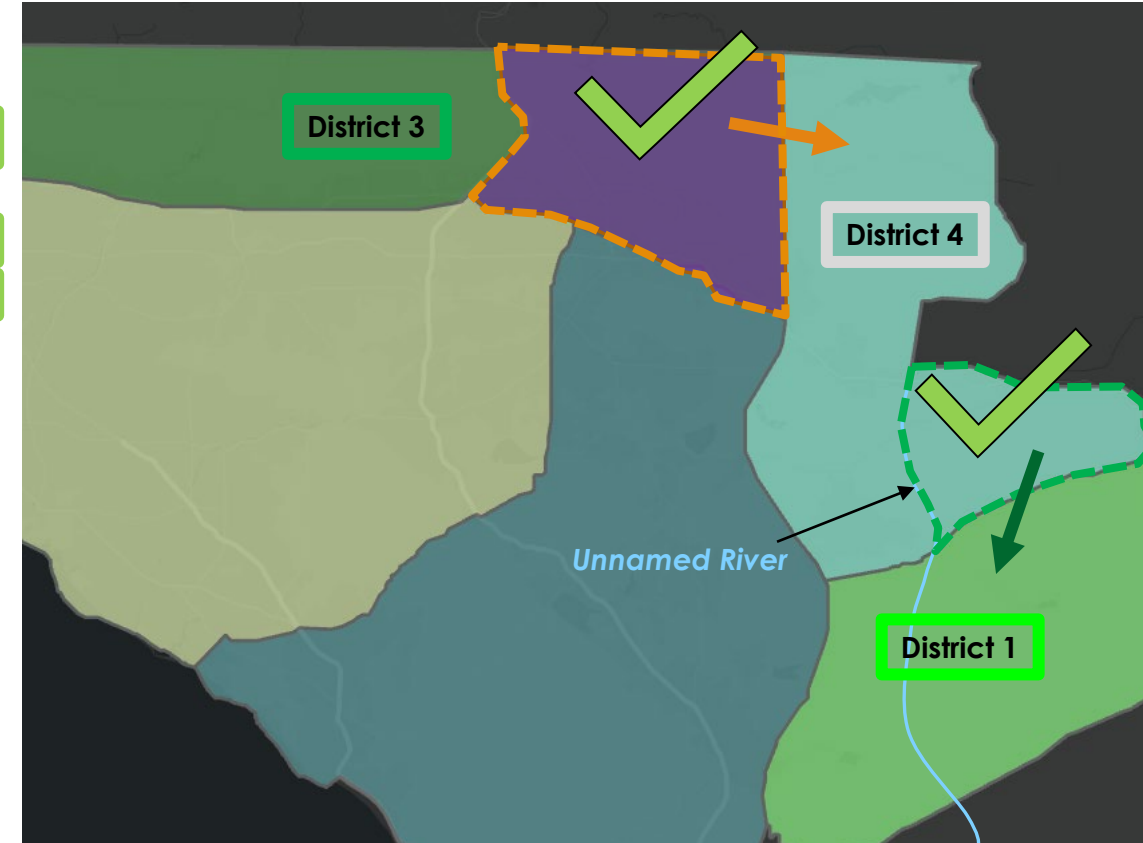
Redistricting Example

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
1,532,135	306,427	12.9%	1	286,848	-6.4%	286,848
			3	326,438	6.5%	326,438
			4	303,575	-0.9%	303,575
			5	308,249	0.6%	308,249

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
1,532,135	306,427	✓ 2.2%	1	301,758	-1.5%	-4,669
			2	307,025	0.2%	598
			3	306,636	0.1%	209
			4	308,467	0.7%	2,040
			5	308,249	0.6%	1,822

- ✓ Changes result in contiguous and compact districts
- ✓ Changes respect communities of interest
- ✓ Changes use identifiable features as boundaries
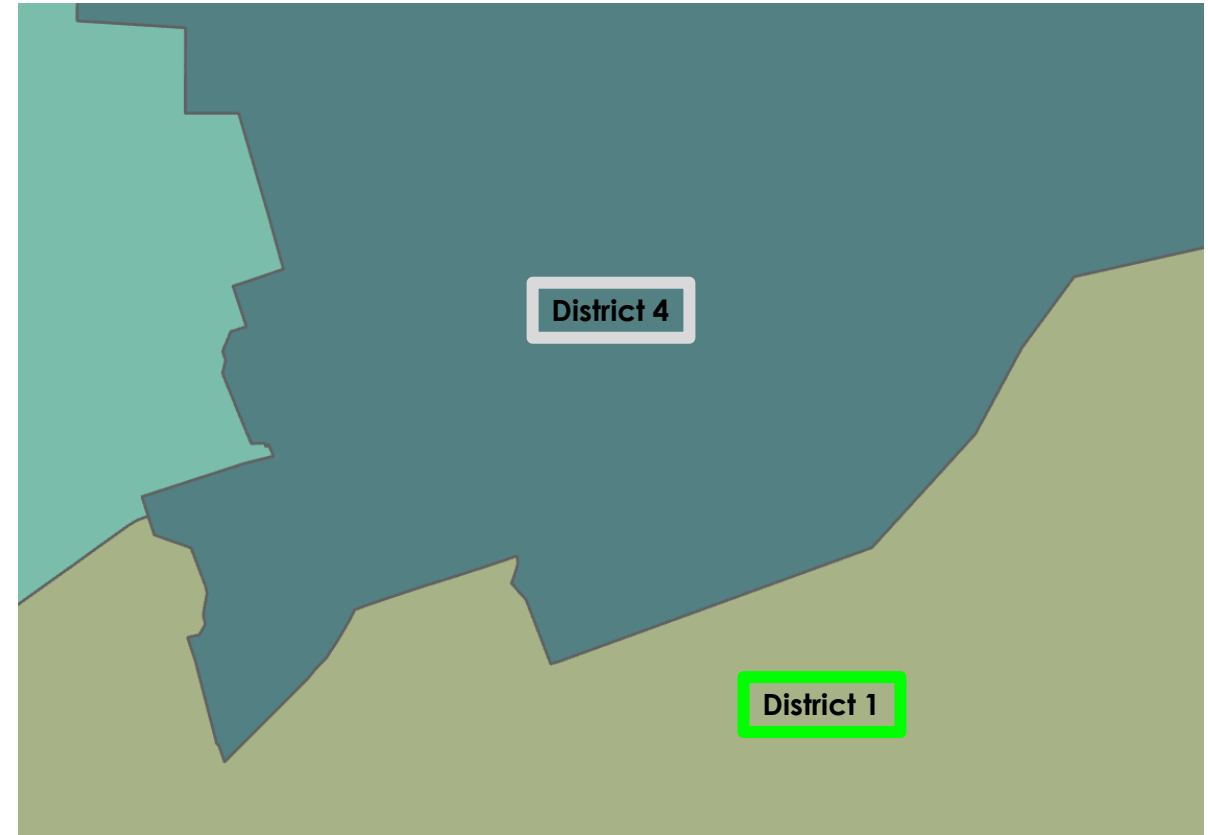- ✓ Changes result in a lower overall range of 3.0%

Redistricting Example – Census Blocks

◦ In this example, we look at an example at the level of the Census Block:

◦ District 1 is still the least populated and requires more population > enlarge area to include more people

◦ District 4 could provide population to District 1

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	288,126	-6.0%	-18,301
			2	307,025	0.2%	598
1,532,135	306,427	11.1	3	306,636	0.1%	209
			4	322,099	5.1%	15,672
			5	308,249	0.6%	1,822

District 4

District 1

COUNTY OF SAN DIEGO
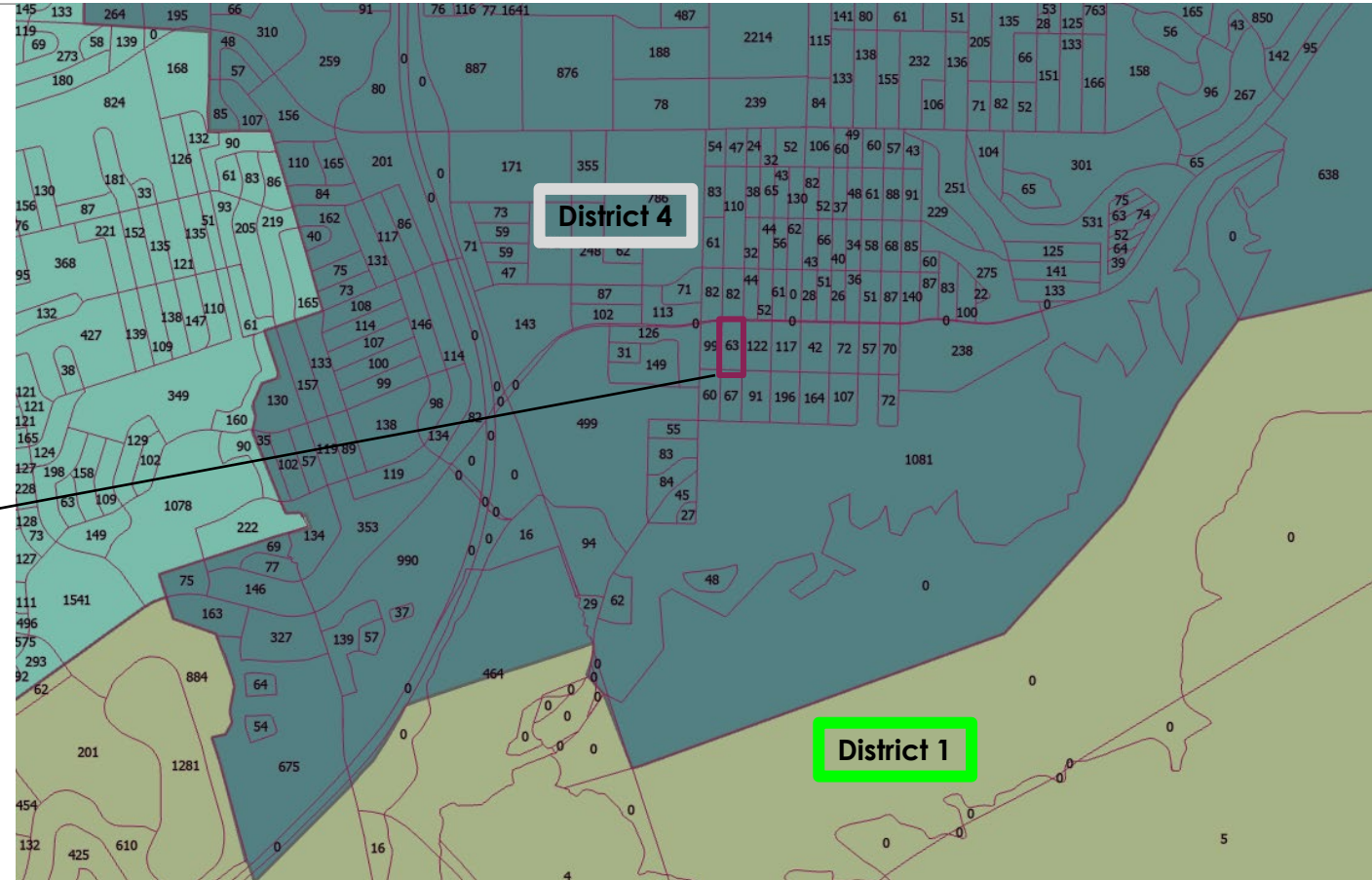INDEPENDENT REDISTRICTING COMMISSION

FLO Analytics

Redistricting Example

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	288,126	-6.0%	-18,301
			2	307,025	0.2%	598
1,532,135	306,427	11.1%	3	306,636	0.1%	209
			4	322,099	5.1%	15,672
			5	308,249	0.6%	1,822

○ District 1 is still the least populated and requires more population > enlarge area to include more people

○ District 4 could provide population to District 1

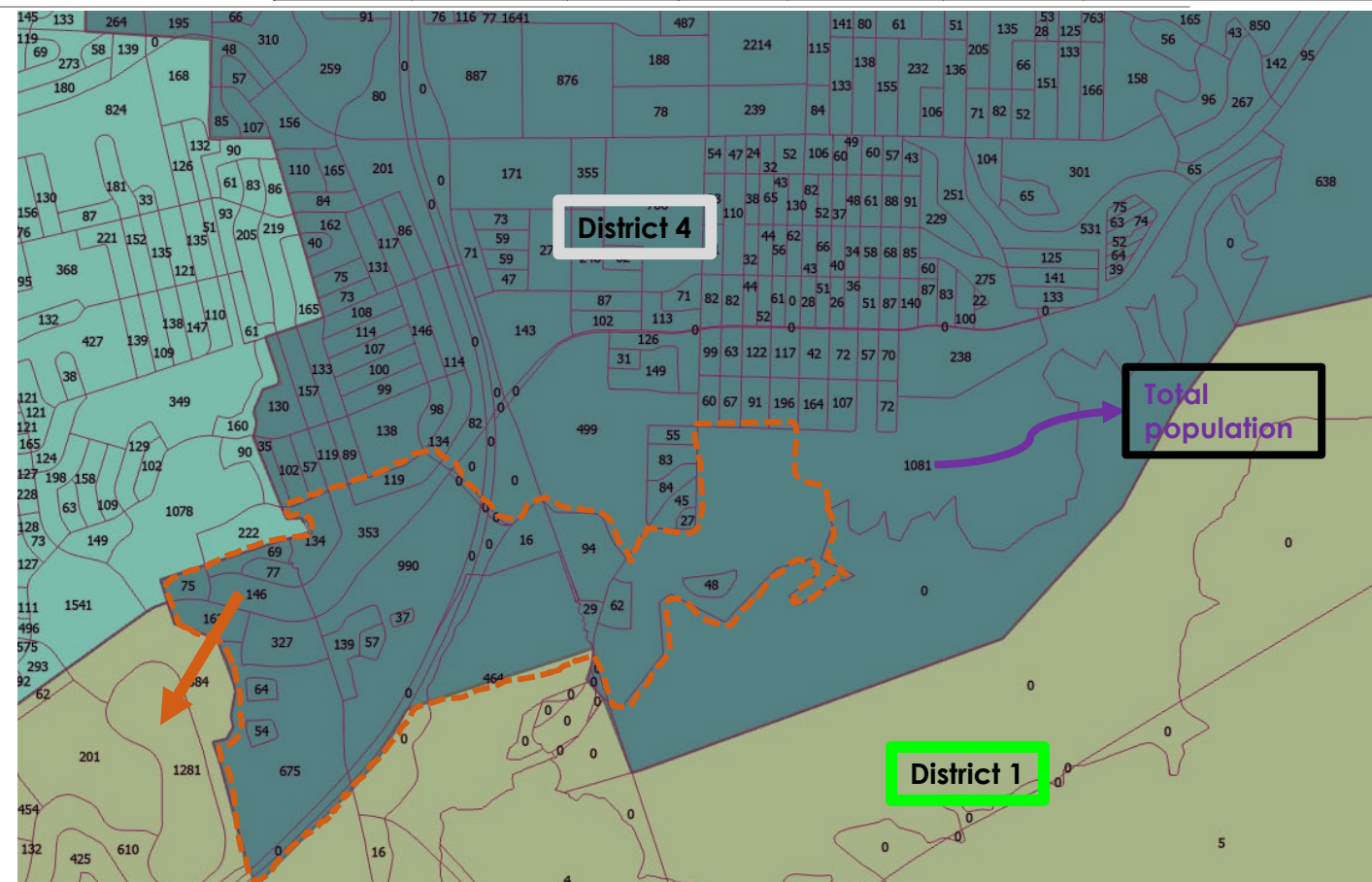○ Use **census blocks** to move population to from District 4 to District 1

Population per Census Block

District 4

District 1

Redistricting Example

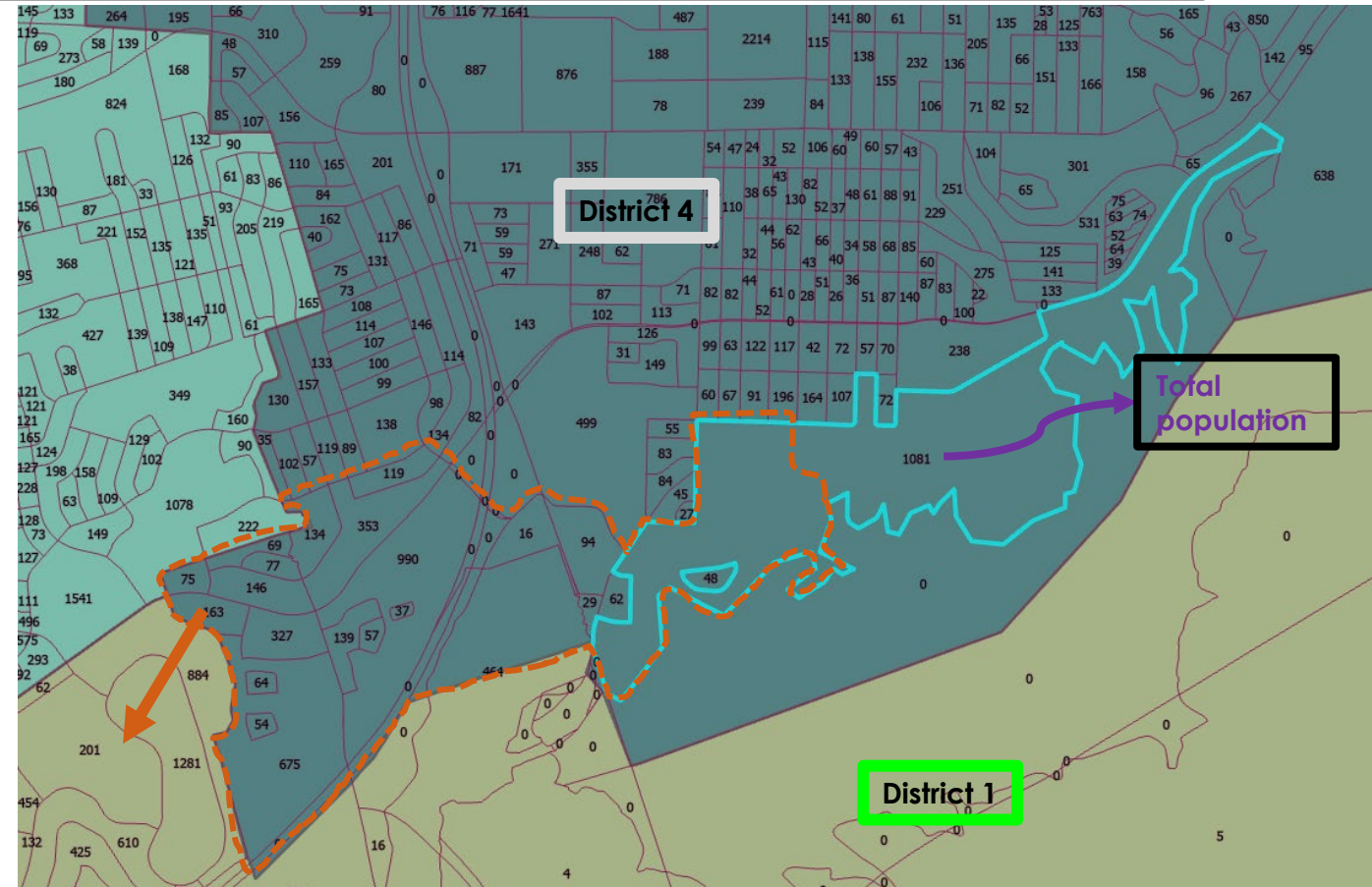| County Population	Ideal District Population	Overall Range		District	District Population	Percent Deviation	Number Over / Under Ideal Population
				1	288,126	-6.0%	-18,301
				2	307,025	0.2%	598
1,532,135	306,427	11.1%		3	306,636	0.1%	209
				4	322,099	5.1%	15,672
				5	308,249	0.6%	1,822

◦ District 1 is still the least populated and requires more population > enlarge area to include more people

◦ District 4 could provide population to District 1

◦ Use **census blocks** to move population to from District 4 to District 1

◦ Move **census blocks** from one district to another

Redistricting Example

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
			1	288,126	-6.0%	-18,301
1,532,135	306,427	11.1%	2	307,025	0.2%	598
			3	306,636	0.1%	209
			4	322,099	5.1%	15,672
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○ District 1 is still the least populated and requires more population > enlarge area to include more people

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○ Use **census blocks** to move population to from District 4 to District 1

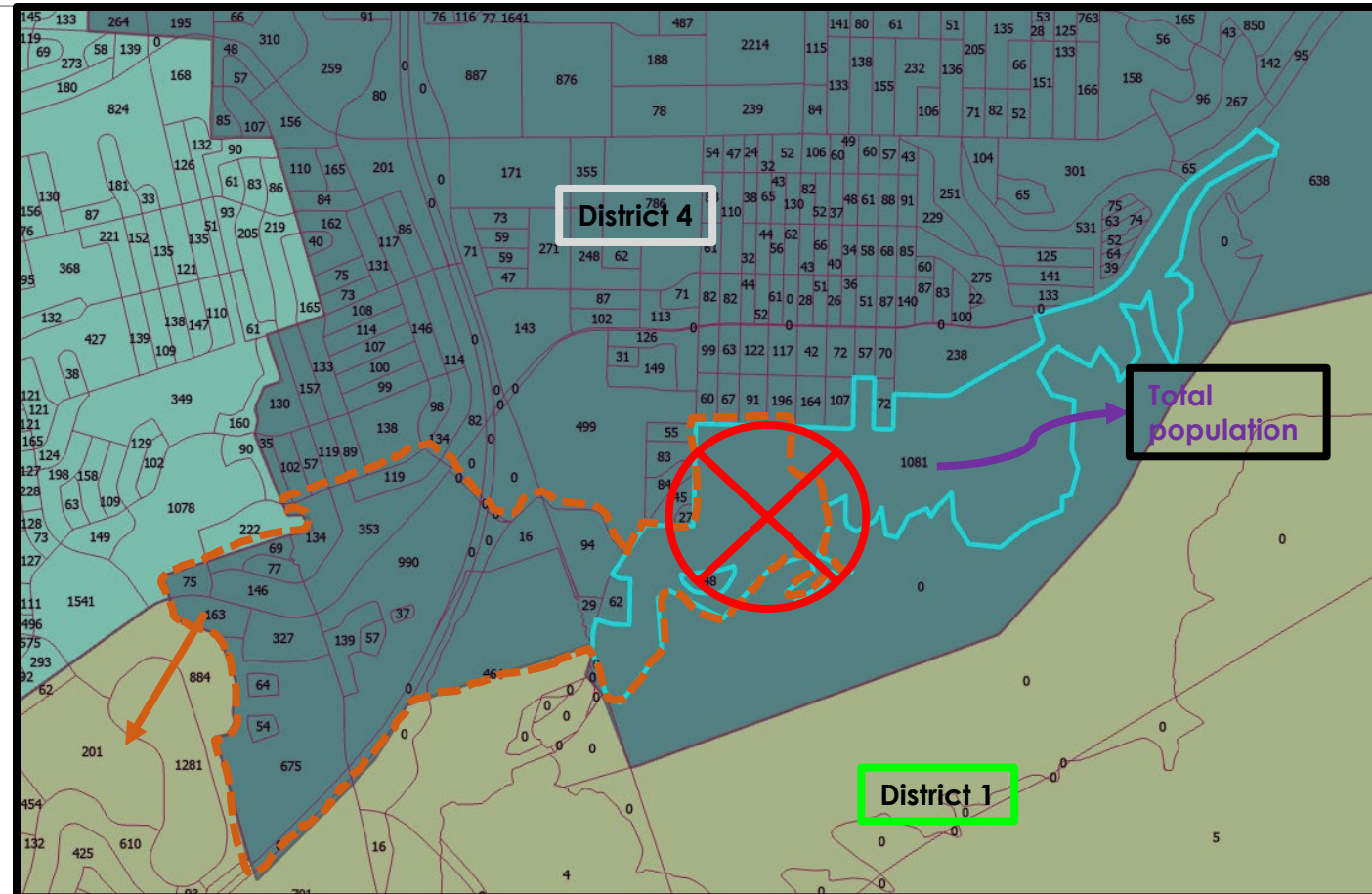○ Select **census blocks,** including a **portion of a large census block**

Redistricting Example

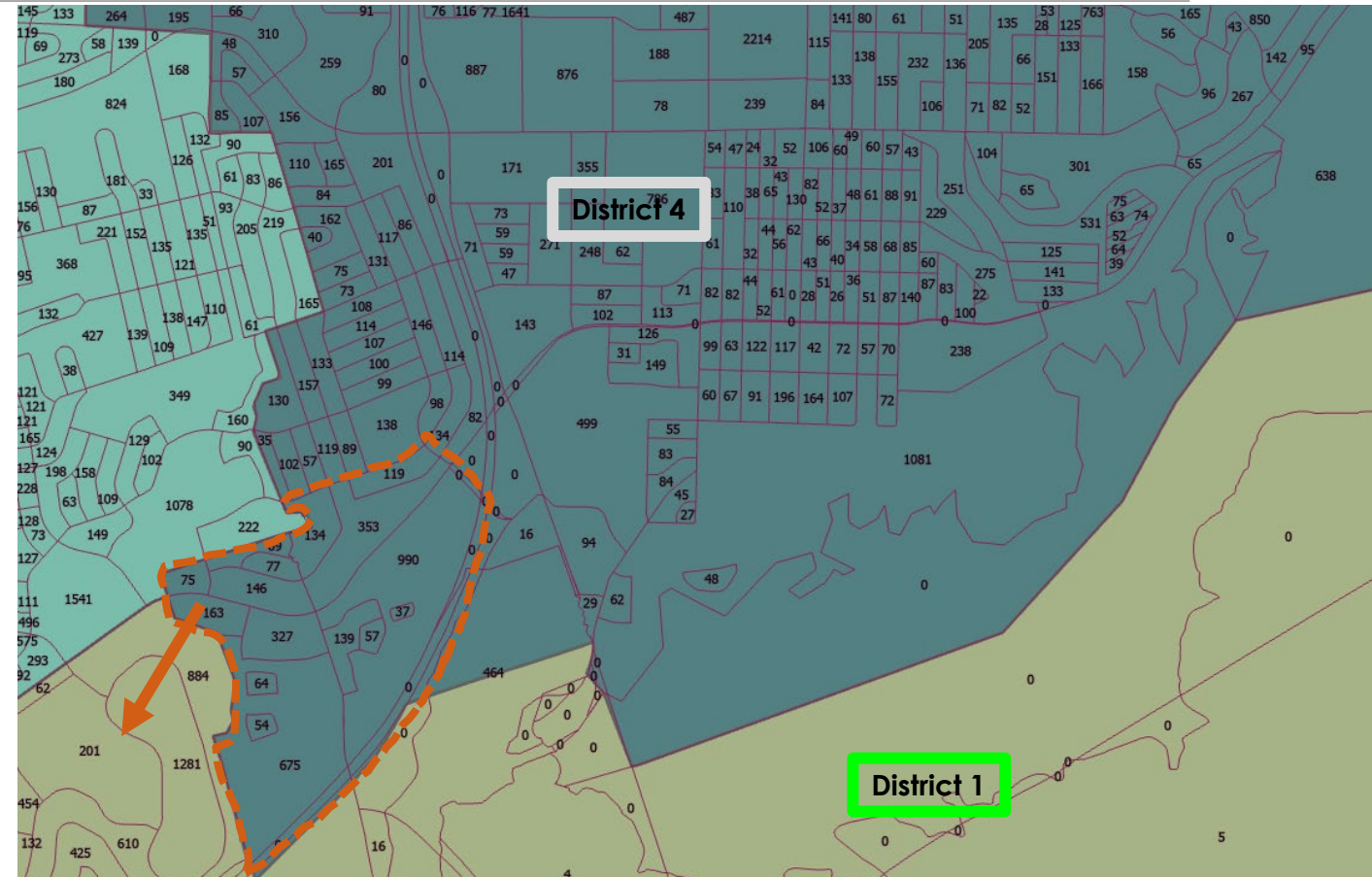| County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
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- District 1 is still the least populated and requires more population > enlarge area to include more people

- District 4 could provide population to District 1

- Use **census blocks** to move population to from District 4 to District 1

- Select <u>whole</u> **census blocks** and ~~portion of large census block~~

- **Cannot split census blocks—population of sub-area unknown**

Redistricting Example

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
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○ District 1 is still the least populated and requires more population > enlarge area to include more people

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○ Use **census blocks** to move population to from District 4 to District 1
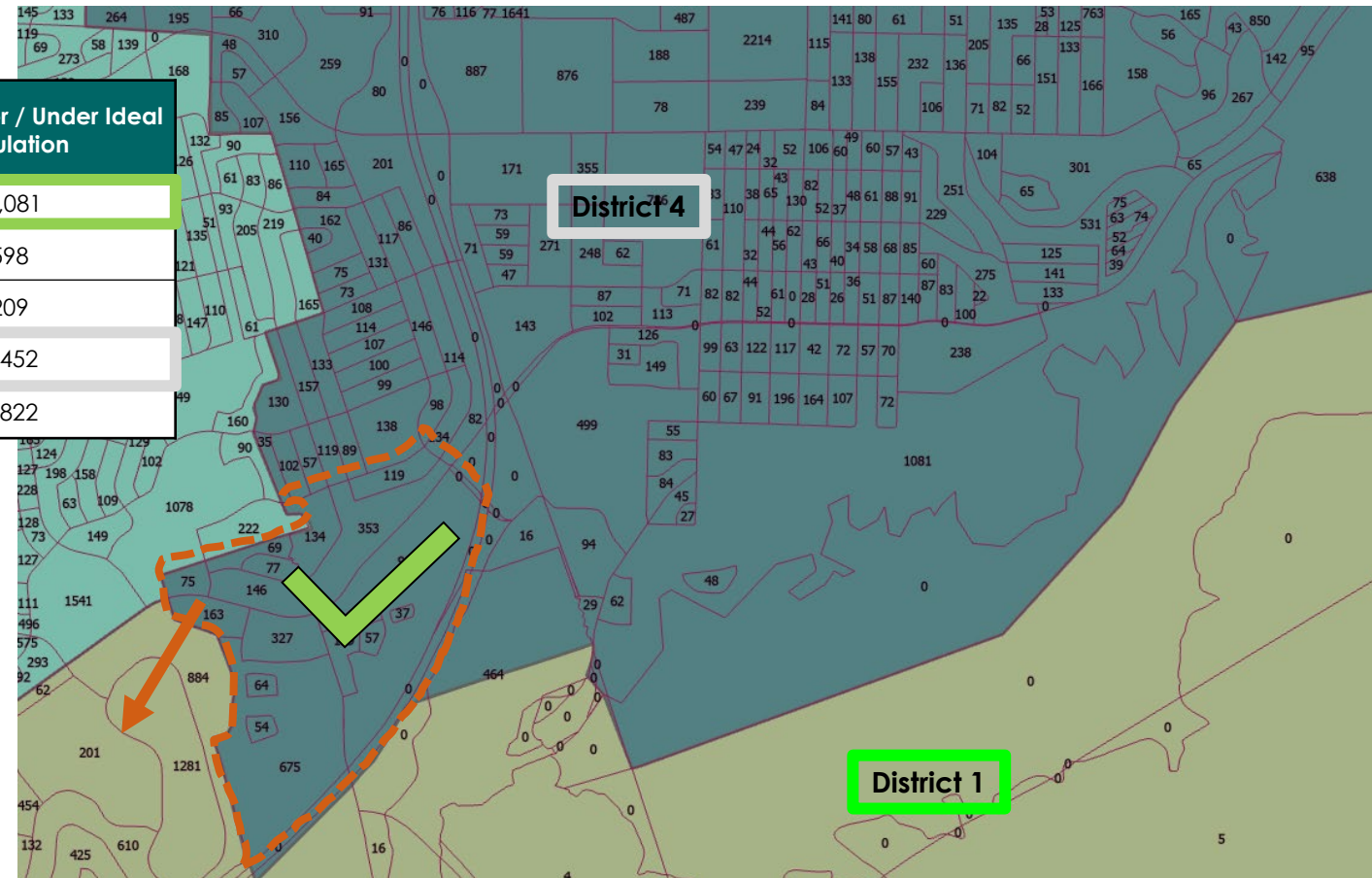
○ Select <u>whole</u> census blocks

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Redistricting Example

County Population	Ideal District Population	Overall Range	District	District Population	Percent Deviation	Number Over / Under Ideal Population
1,532,135	306,427	✅ 3.1%	1	300,346	-2.0%	-6,081
			2	307,025	0.2%	598
			3	306,636	0.1%	209
			4	309,879	1.1%	3,452
			5	308,249	0.6%	1,822

✓ Changes use Census blocks correctly

✓ Changes result in a lower overall range of 4.0%

Redistricting Criteria

◦ **Have reasonably equal population**

◦ Comply with the federal Voting Rights Act

◦ Be contiguous

◦ Minimize division of local neighborhoods or communities of interest

◦ Minimize division of cities and census designated places

◦ Easily identifiable and understandable—bounded by natural and artificial barriers, streets, or the boundaries of the county

◦ Be geographically compact

◦ No consideration of residence of incumbents or candidates and not favoring or discriminating against a political party

County-specific criteria

▪ At least three districts shall include unincorporated territory

▪ Two district must be primarily unincorporated areas

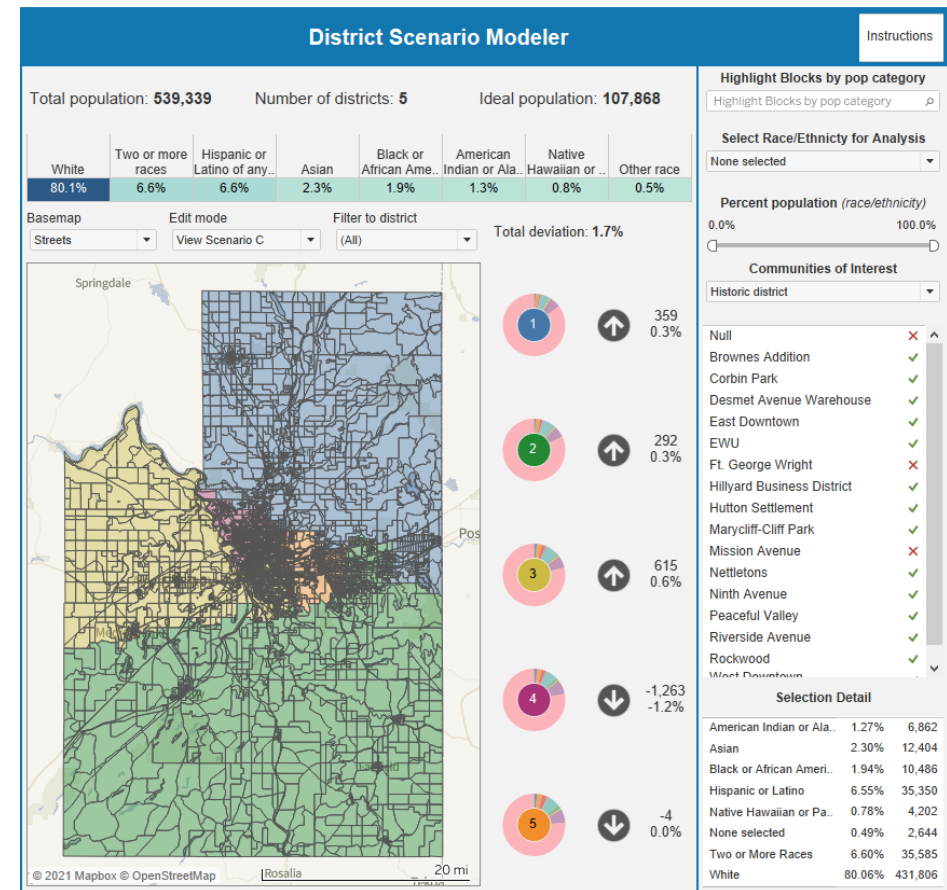Criteria included within AB-801 Section 21552 (a) & (b)

Coming soon....

Learn how to implement these techniques during the District Scenario Modeler training on September 23rd.

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