



City of Sunnyvale
Introduction to Districting

July 15, 2019

Federal Laws

- ❑ Equal Population
- ❑ Federal Voting Rights Act
- ❑ No Racial Gerrymandering

Traditional Redistricting Principles

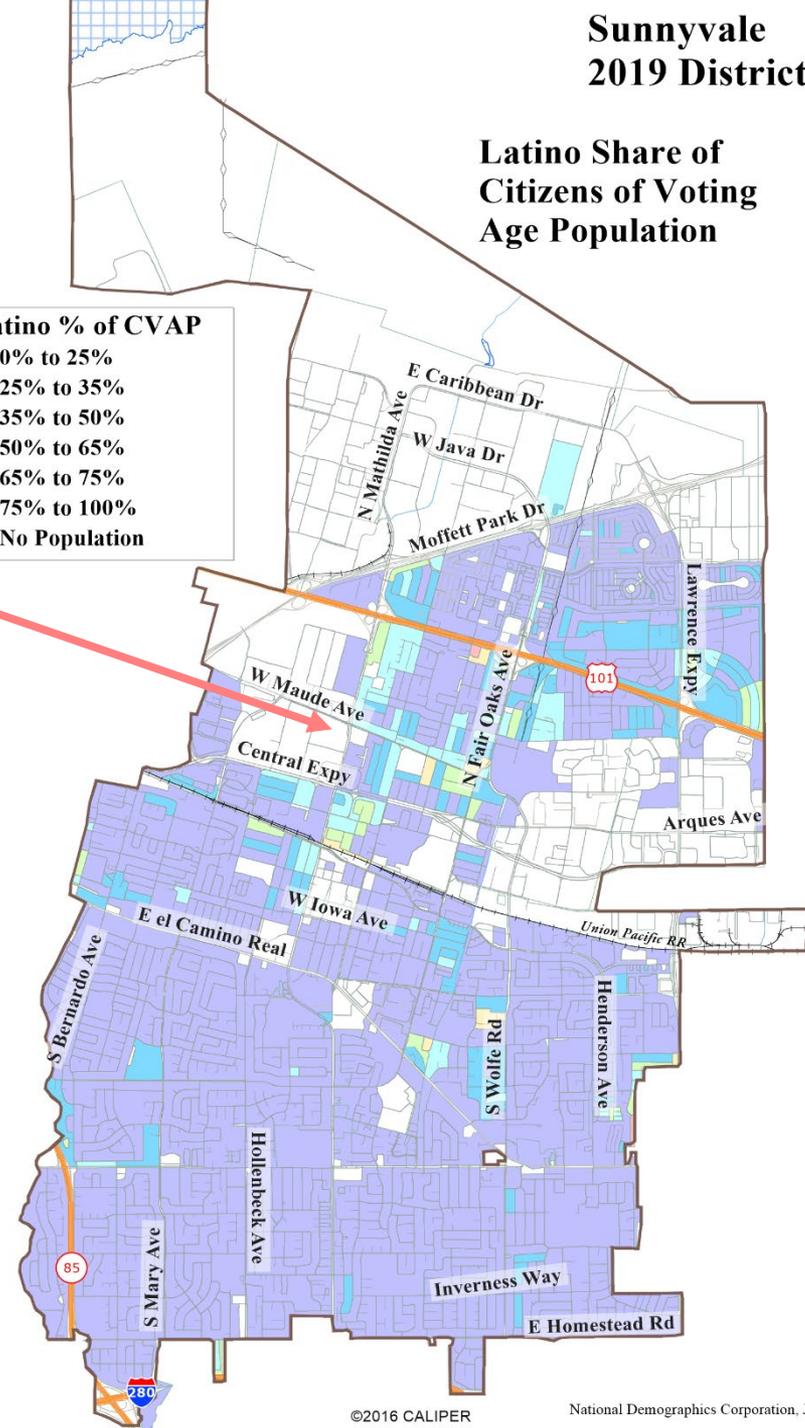
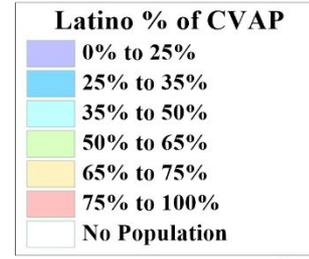
- ❑ Communities of interest
- ❑ Compact
- ❑ Contiguous
- ❑ Visible (Natural & man-made) boundaries
- ❑ Respect voters' choices / continuity in office
- ❑ *Planned future growth*



Latino Share of
Citizens of Voting
Age Population

3

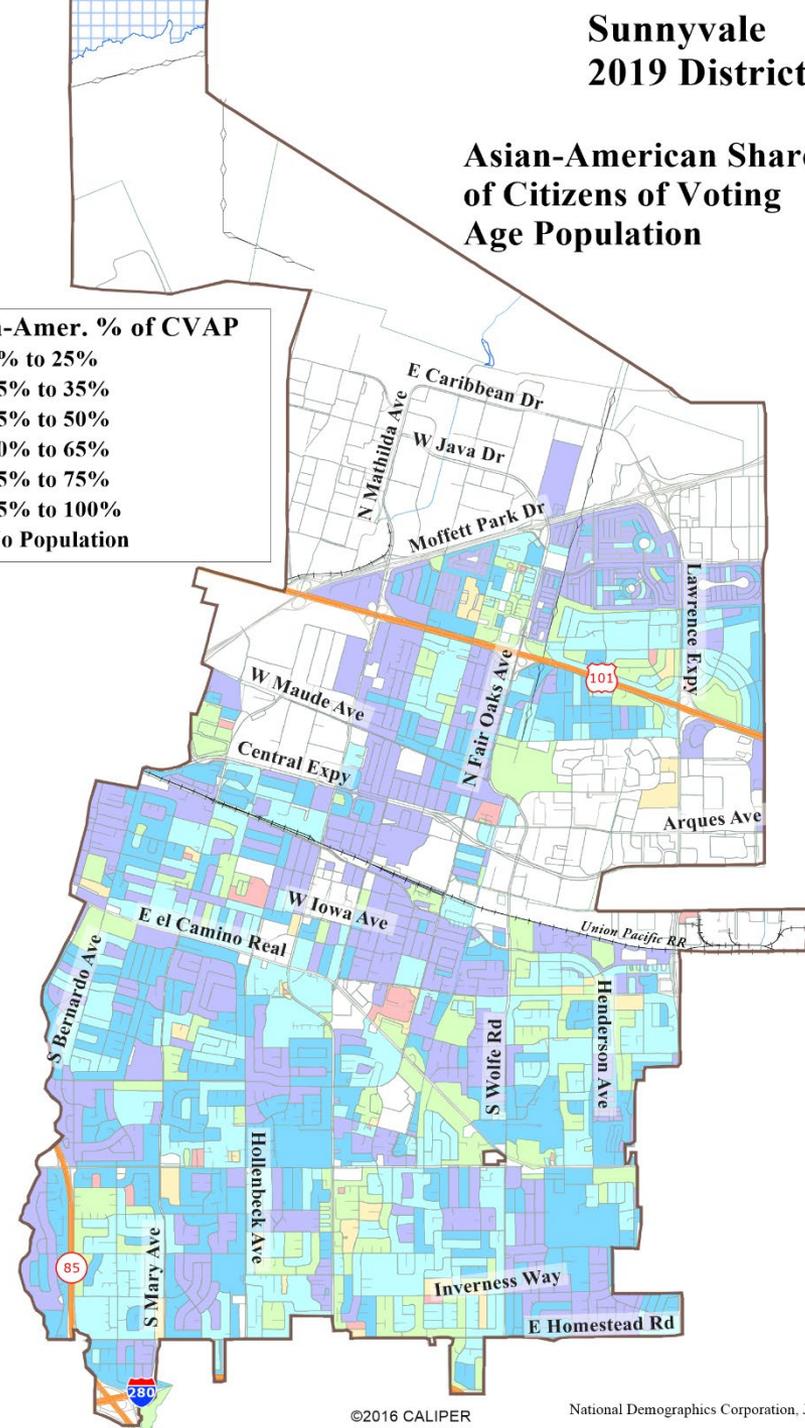
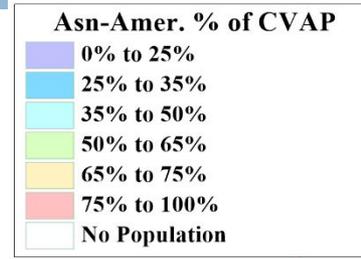
Latinos are a particularly large share of the eligible voters in the SNAIL-to-northern-Heritage area, between 101 and the railroad west of Fair Oaks Ave.



Asian-American Share
of Citizens of Voting
Age Population

4

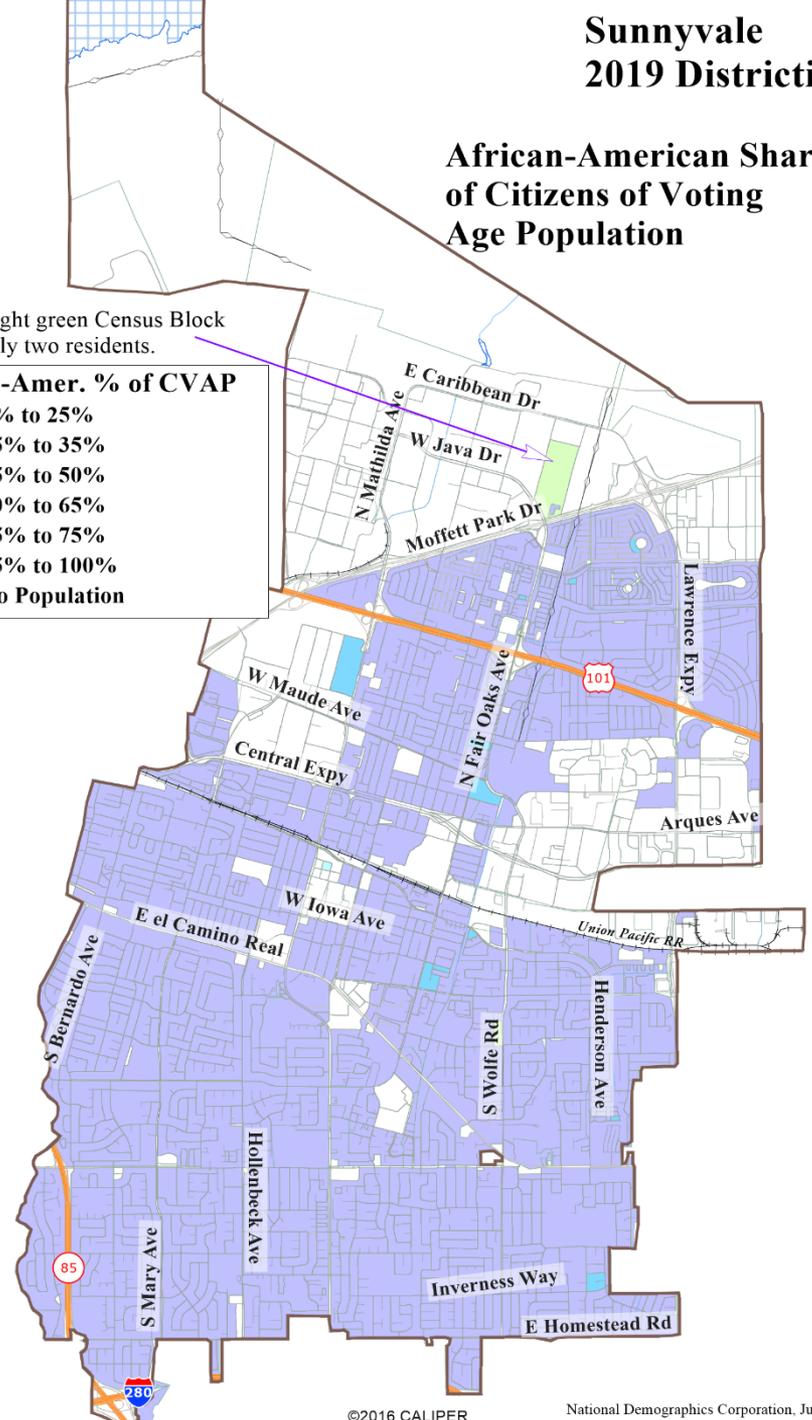
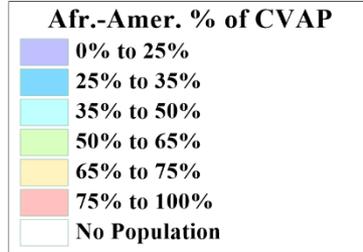
Asian-Americans are a large percentage of the eligible voters in most parts of the City.



African-American Share
of Citizens of Voting
Age Population

There are no large geographic concentrations
of African-American voters in the City.

This light green Census Block
has only two residents.



Defining Communities of Interest

6

1st Question: what is your neighborhood or community of interest?

A Community of Interest is generally defined as a neighborhood or community of shared interests, views, problems, or characteristics.

Possible community feature/boundary definitions include:

- ❑ School attendance areas
- ❑ Natural neighborhood dividing lines, such as highway or major roads, rivers, canals, and/or hills
- ❑ Areas around parks and other neighborhood landmarks
- ❑ Common issues, neighborhood activities, or legislative/election concerns
- ❑ Shared demographic characteristics
 - ▣ Such as similar levels of income, education, or linguistic isolation
- ❑ A number of Communities were identified in Phase I

2nd Question: Does a Community of Interest want to be united in one district, or to be divided to have a voice in multiple elections?

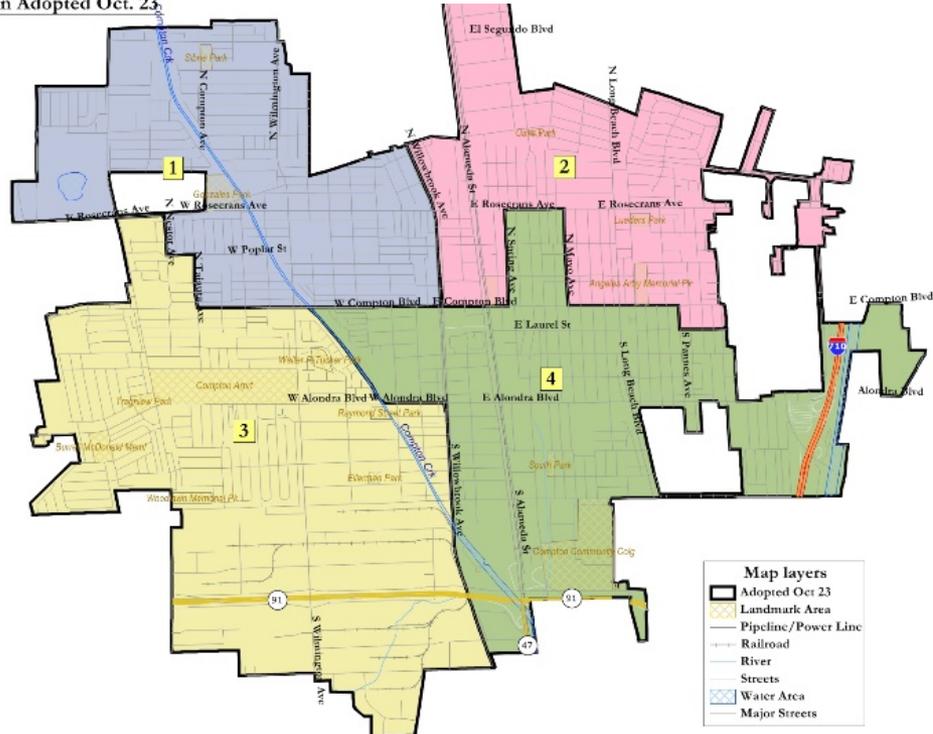


Sample Single-Community-Representative Maps

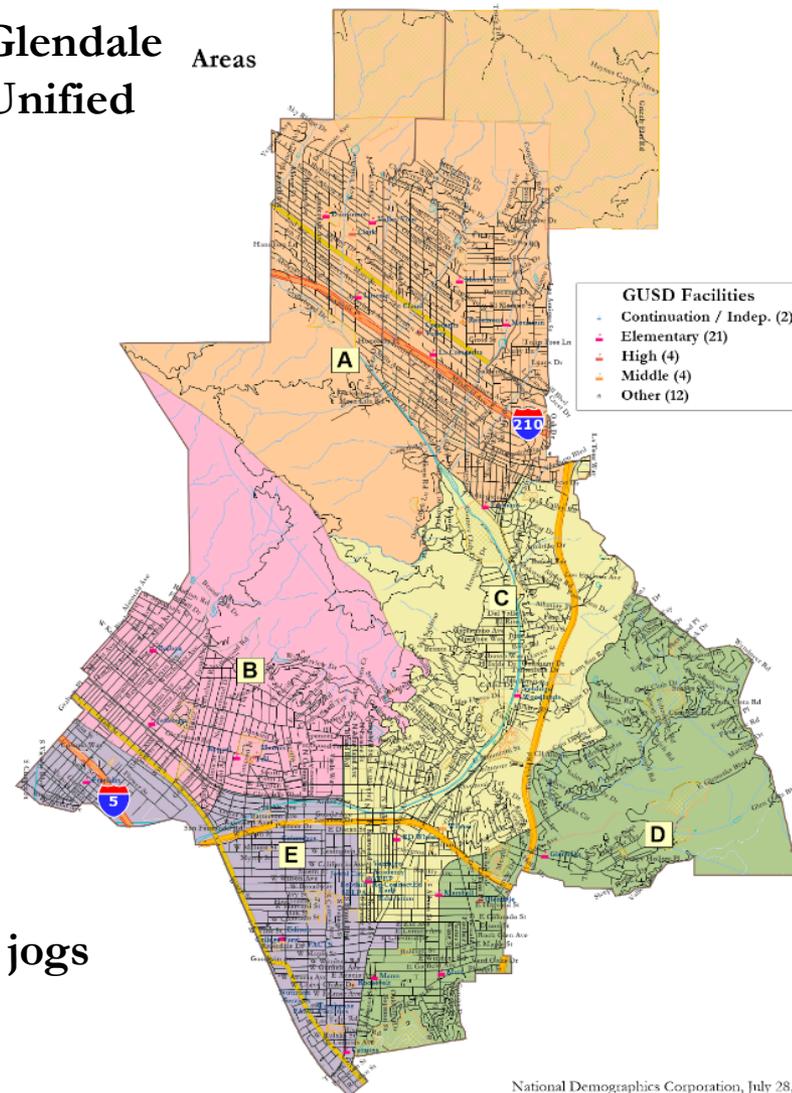
7

City of Compton
2012 Redistricting
Plan Adopted Oct. 23

Compton

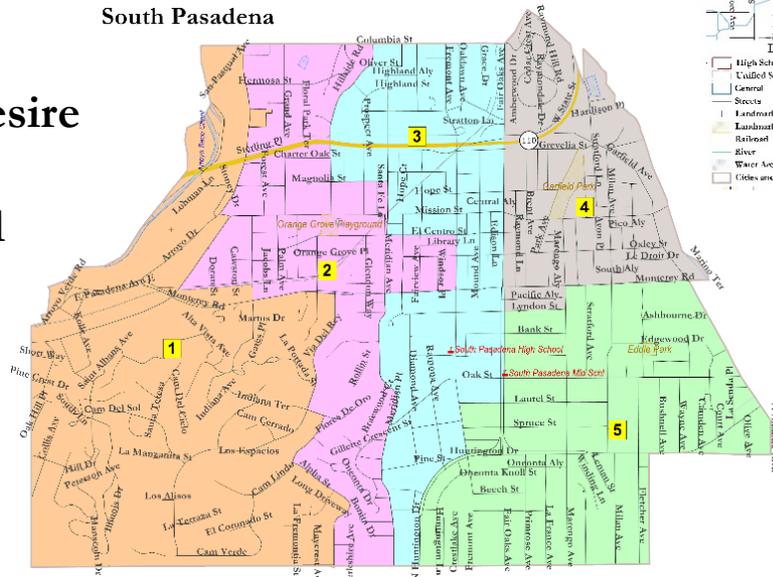
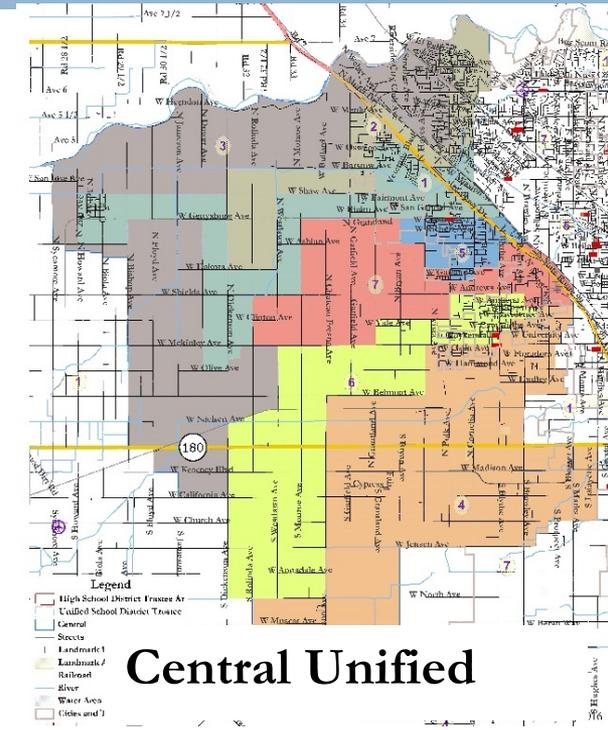
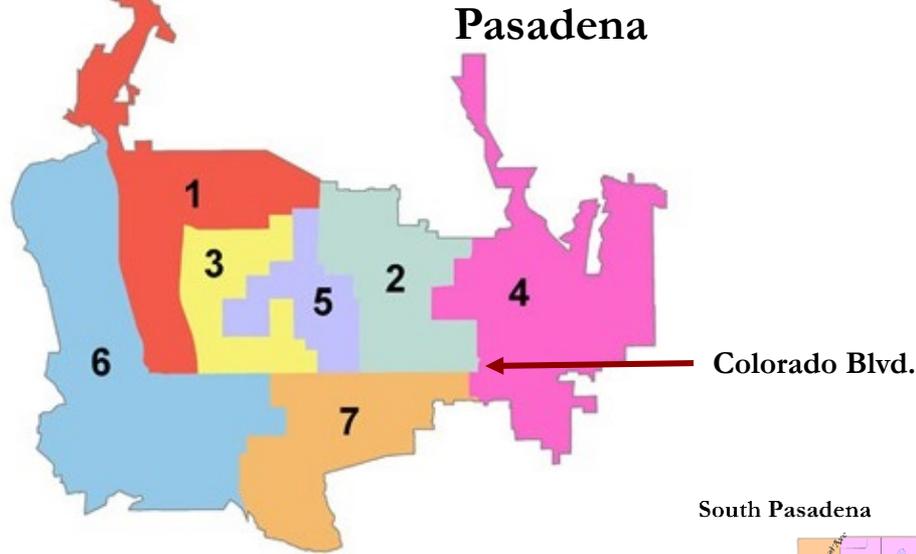


Glendale Unified Areas



Examples of highly compact maps, with nooks and jogs driven only by equal population requirements.

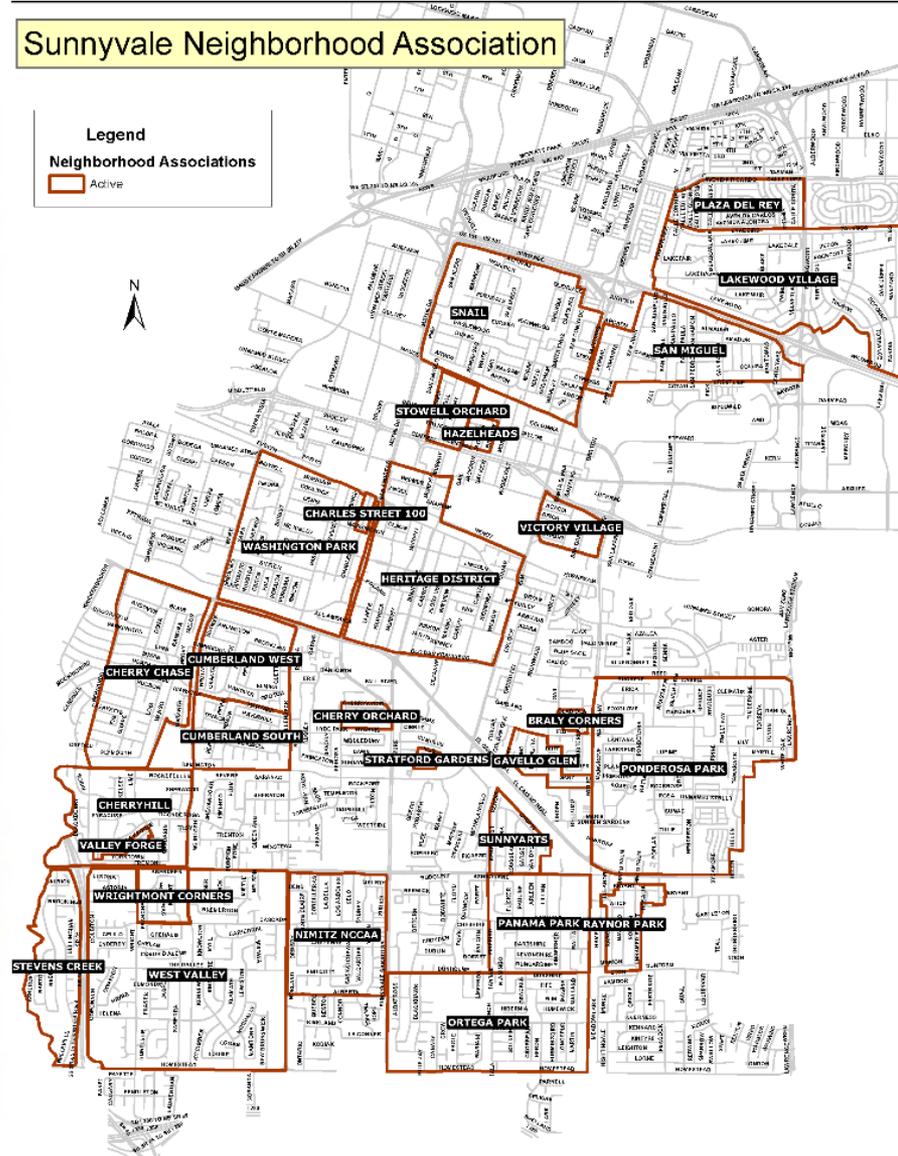
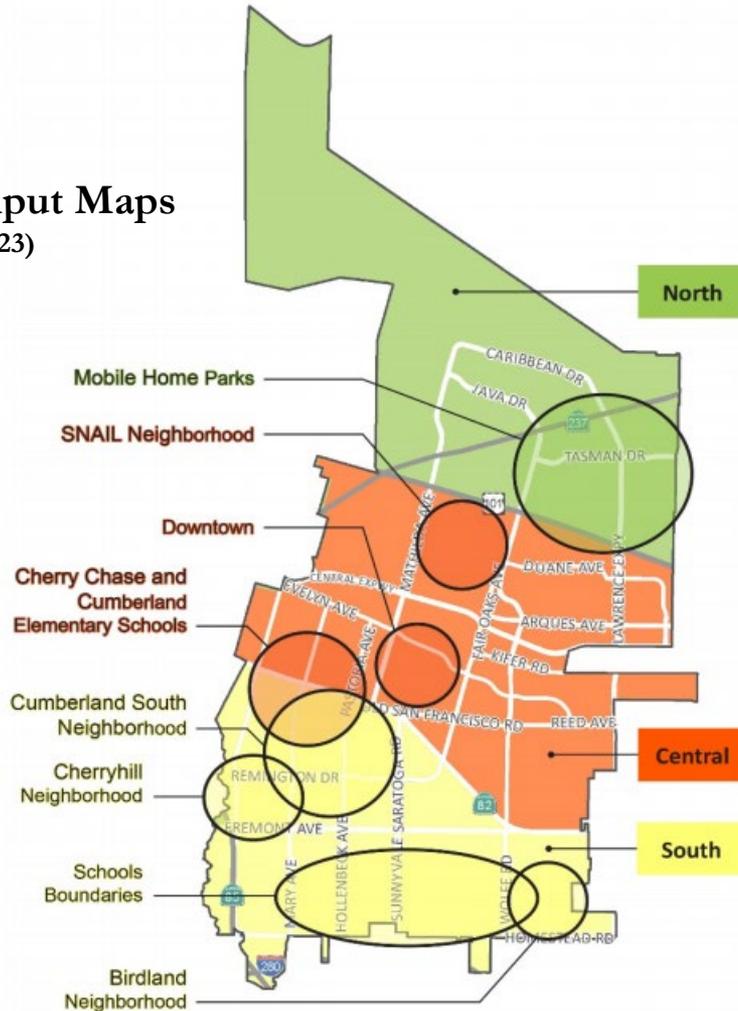
Sample Multiple-Representative Maps

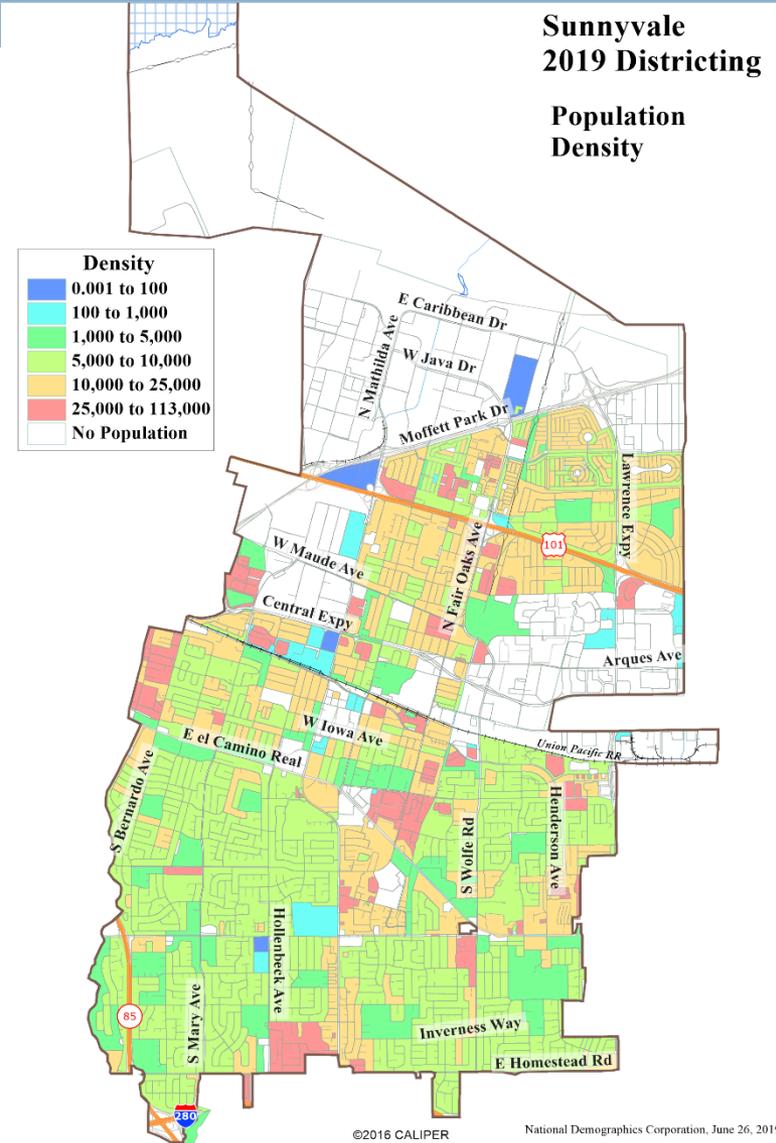
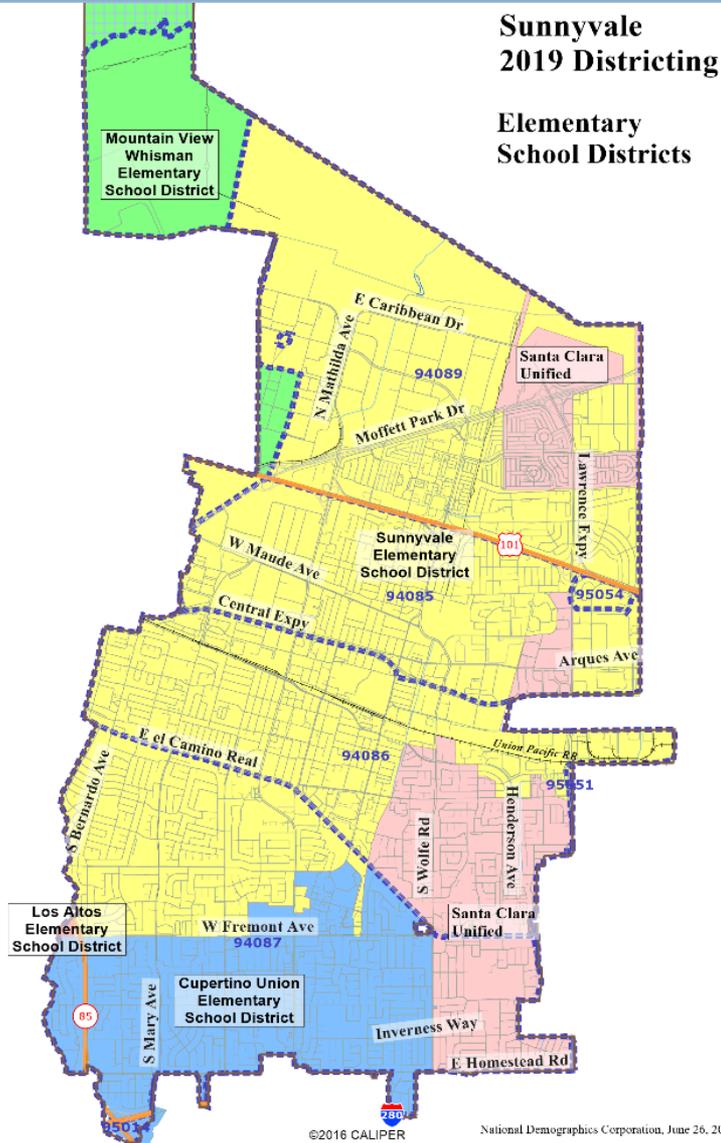


Examples of maps where a desire to have all members touch downtown (Pasadena) or rural areas (Central), or as many neighborhoods as possible (South Pasadena), led to policy-driven but non-compact maps.

Figure 13 Communities of Interest in Each Subregion

Phase 1 Input Maps (p. 23)





Public Mapping Tools

11

Plan Actions My Plans Help Contact Logout

Reports Plan Integrity Find Print Map Email Plan Share Plan Submit Plan

Toolbox

Restricting Toolbox - Demo 1

Target: New District

Source: All

Selection: Census Block

Theme: None

Whether you use the powerful (but complicated) online mapping tool, Excel, the paper kit, or just draw on a napkin, we welcome your maps!

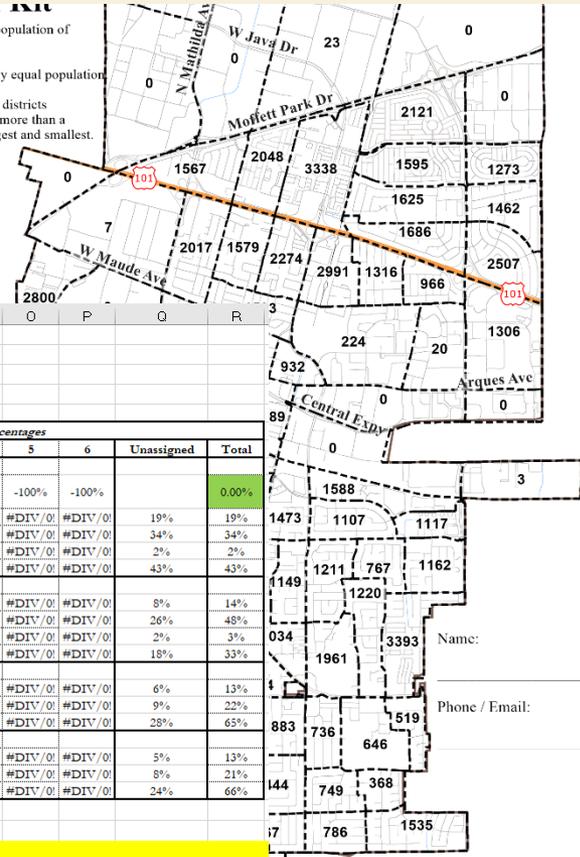
Participation Kit

Each number indicates the total population of that "population unit" area.

Each district must have essentially equal population. The population of each of the six districts must be close to 23,347, with no more than a 2,335 difference between the largest and smallest.

Please use a thick dark-colored pen to draw your map, then submit it at City Hall at 456 W Olive Ave, 94086, or JGuzman@sunnyvale.ca.gov

You can hand-deliver, mail, fax, scan and email, or photograph and email your map.



		Counts						Unassigned		Percentages						Unassigned		Total	
Group	Category	1	2	3	4	5	6	Unassigned	Total	1	2	3	4	5	6	Unassigned	Total		
Sums by District Assigned																			
City of Sunnyvale 2019 Public Participation Kit																			
enter your name here																			
Ideal population: 23,347																			
Total Population																			
	Tot Pop	0	0	0	0	0	0	140,081	140,081										
	Deviation from Ideal	-23,347	-23,347	-23,347	-23,347	-23,347	-23,347	0	0	-100%	-100%	-100%	-100%	-100%	-100%		0.00%		
	Hisp	0	0	0	0	0	0	26,517	26,517	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	19%	19%		
	NH Wht	0	0	0	0	0	0	48,323	48,323	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	34%	34%		
	NH Blk	0	0	0	0	0	0	2,917	2,917	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2%	2%		
	NH Asn	0	0	0	0	0	0	39,555	39,555	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	43%	43%		
	Total CVAP	0	0	0	0	0	0	77,125	77,125										
	Hisp	0	0	0	0	0	0	10,687	10,687	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	8%	14%		
	NH Wht	0	0	0	0	0	0	37,035	37,035	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	26%	48%		
	NH Blk	0	0	0	0	0	0	2,560	2,560	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2%	3%		
	NH Asn	0	0	0	0	0	0	25,679	25,679	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	18%	33%		
	Total Reg	0	0	0	0	0	0	60,925	60,925										
	Latino	0	0	0	0	0	0	8,184	8,184	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	6%	13%		
	Asian-American	0	0	0	0	0	0	13,226	13,226	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	9%	22%		
	Other	0	0	0	0	0	0	39,516	39,516	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	28%	65%		
	Total Voters	0	0	0	0	0	0	30,585	30,585										
	Latino	0	0	0	0	0	0	6,408	6,408	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	5%	13%		
	Asian-American	0	0	0	0	0	0	10,756	10,756	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	8%	21%		
	Other	0	0	0	0	0	0	33,421	33,421	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	24%	66%		
Submitter's Comments about the plan:																			
I think this map makes sense because . . .																			

These tools are designed as ways to empower residents. There is no requirement to use them.

One-Page Mapping Kit

Sunnyvale 2019 Districting Participation Kit

Each number indicates the total population of that "population unit" area.

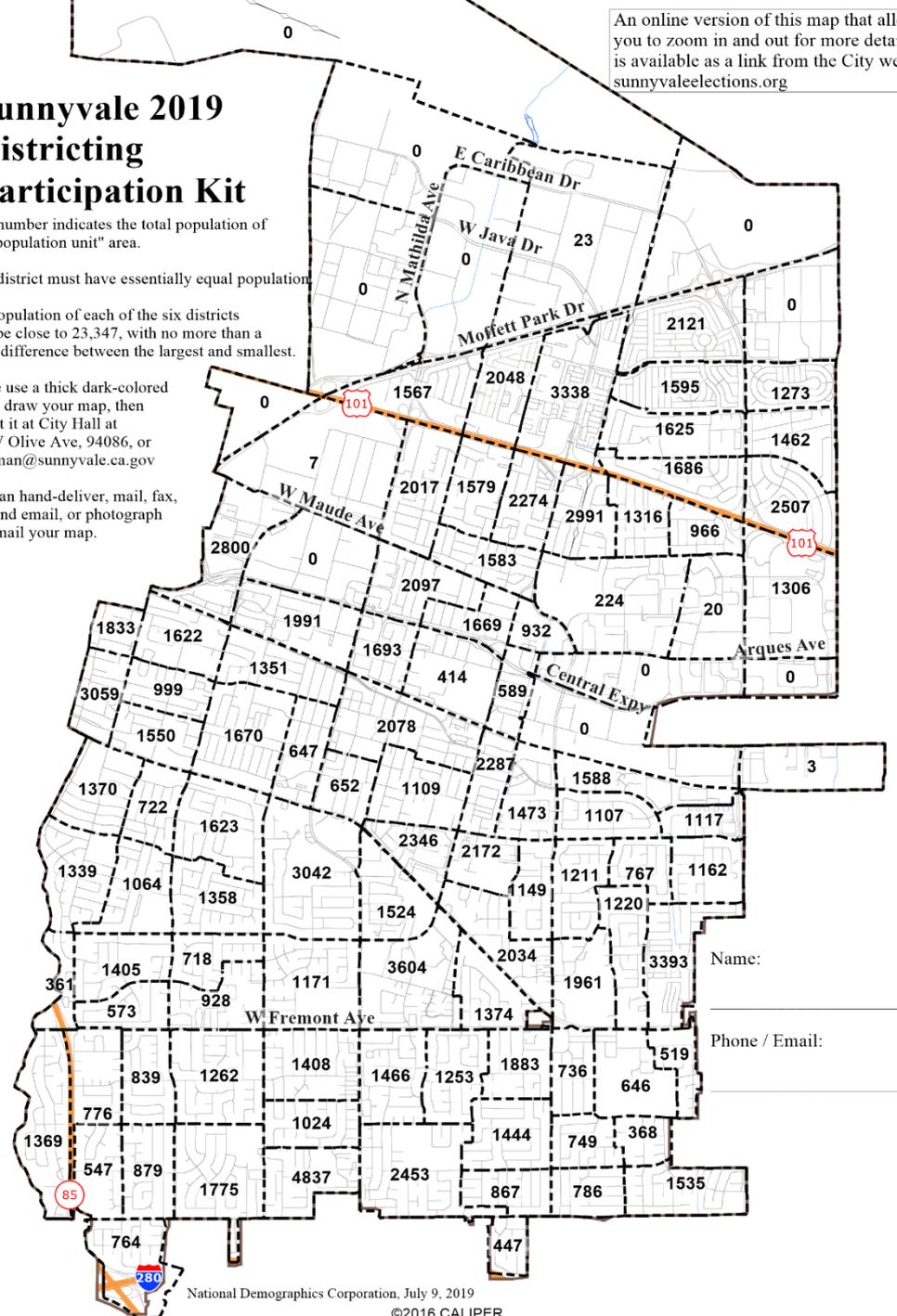
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Please use a thick dark-colored pen to draw your map, then submit it at City Hall at 456 W Olive Ave, 94086, or JGuzman@sunnyvale.ca.gov

You can hand-deliver, mail, fax, scan and email, or photograph and email your map.

An online version of this map that allows you to zoom in and out for more detail is available as a link from the City website: sunnyvaleelections.org



Name: _____
Phone / Email: _____

Using the Excel tool

Enter the district assignment in the highlighted column, and Excel will calculate the resulting demographic changes.

13

AutoSave Off

File Home Insert Page Layout Formulas Data Review View Help Acrobat Search

Clipboard Font Alignment Number

Quick Reference: Total Population & Deviation from Ideal by district

District	0	-23,347	D2:	0	-23,347	D3:	0	-23,347	D4:	0	-23,347	D5:	0	-23,347	D6:	0	-23,347	
District (1-6)																		
Pop Unit																		
Total Population		Citizen Voting Age Population		Nov. 2016 Registration		Nov. 2016 Voters												
	Pop																	
	Tot. Pop.	NH	NH Blk	NH Asn	tot	Hisp	NH	NH Blk	NH Asn	tot	latino	asn	other	tot	latino	asn	other	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	23	8	14	1	21	6	14	1	0	1	0	0	1	1	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	2,121	372	1,127	65	497	2,036	233	1,327	124	337	2,185	330	278	1,578	1,787	269	200	1,317
10	1,273	126	712	23	370	1,100	184	701	51	241	713	110	104	468	587	81	75	478
11	2,048	109	653	28														
12	1,595	208	1,022	38														
13	1,567	746	300	90														
14	3,338	327	1,169	60														
15	0	0	0	0														
16	1,625	553	312	43														
17	1,462	480	321	20														
18	7	0	6	1														
19	1,686	645	282	28														
20	1,579	839	364	37														
21	2,017	1,005	535	45														
22	2,274	958	577	54														
23	2,507	704	353	50														
24	2,991	1,486	456	63														
25	1,316	356	305	16														
26	966	329	210	10														
27	2,800	207	721	87														
28	0	0	0	0														
29	1,583	740	420	22														
30	2,097	508	657	51														
31	1,306	91	375	13														
32	224	99	35	0														
33	20	0	6	0														
34	1,460	0	0	0														

Sums by District Assigned Ideal population: 23,347

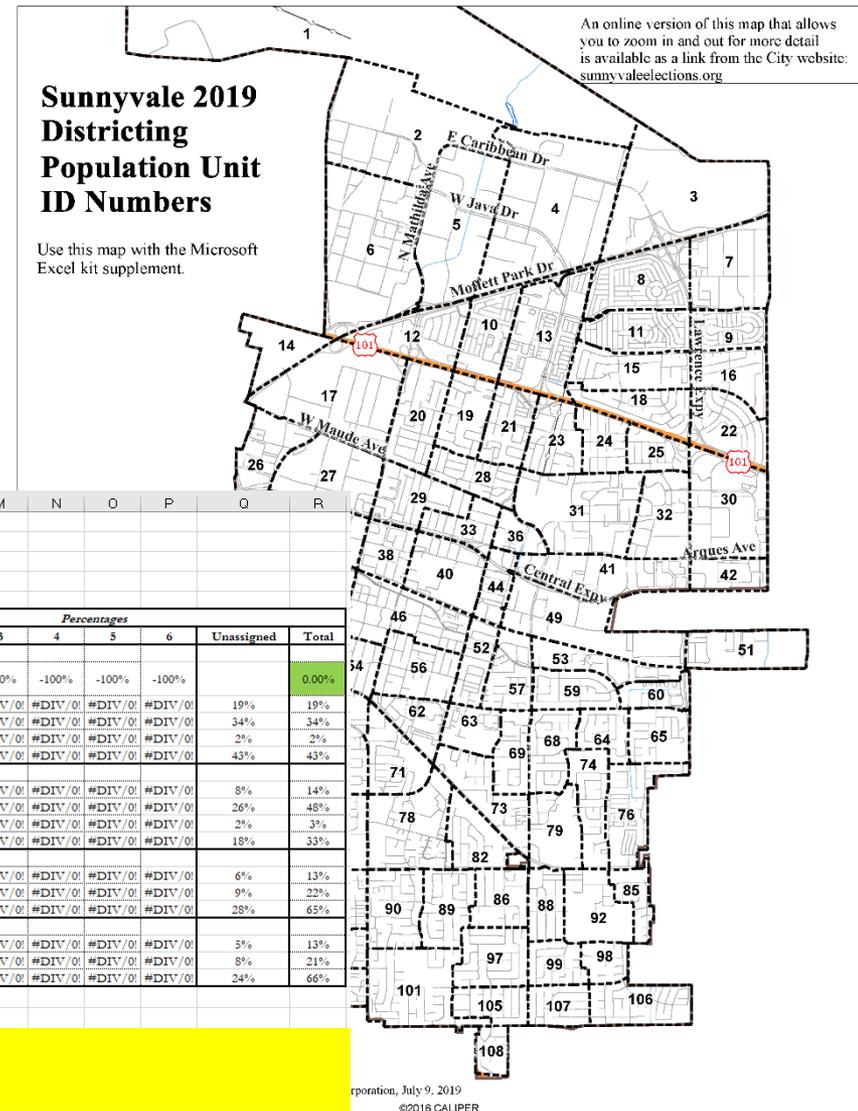
City of Sunnyvale 2019 Public Participation Kit

enter your name here

Group	Category	Counts						Unassigned	Total	Percentages						Unassigned	Total
		1	2	3	4	5	6			1	2	3	4	5	6		
Total Population	Tot. Pop.	0	0	0	0	0	0	140,081	140,081	-100%	-100%	-100%	-100%	-100%	-100%		0.00%
	Deviaton from Ideal	-23,347	-23,347	-23,347	-23,347	-23,347	-23,347	0	0	-100%	-100%	-100%	-100%	-100%	-100%		0.00%
	Hisp	0	0	0	0	0	0	26,517	26,517	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	19%	19%
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	NH Blk	0	0	0	0	0	0	2,917	2,917	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2%	2%
Citizen Voting Age Population	NH Asn	0	0	0	0	0	0	59,555	59,555	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	43%	43%
	Total CVAP	0	0	0	0	0	0	77,125	77,125	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
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	NH Blk	0	0	0	0	0	0	2,560	2,560	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2%	3%
Nov. 2016 Registration	NH Asn	0	0	0	0	0	0	25,679	25,679	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	18%	33%
	Total Reg.	0	0	0	0	0	0	60,925	60,925	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
	Latino	0	0	0	0	0	0	8,184	8,184	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	6%	13%
	Asian-American	0	0	0	0	0	0	13,226	13,226	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	9%	22%
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	Other	0	0	0	0	0	0	33,421	33,421	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	24%	66%

Submitter's Comments about the plan:

I think this map makes sense because



Using the online tool

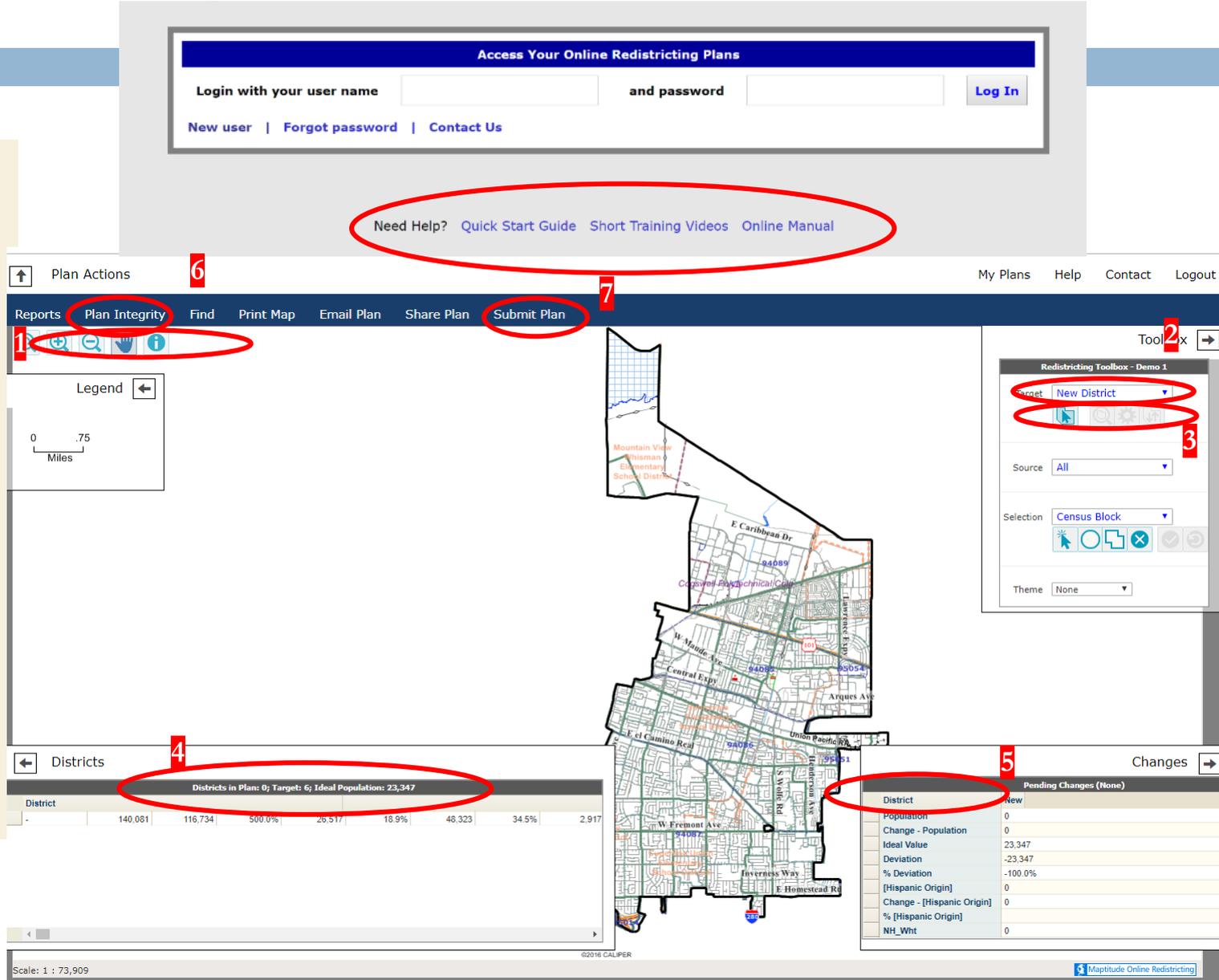
14

Tutorials and help resources are available from the login page.

Circled items:

- 1: controls to move around the map;
- 2: choose into which district selected territory will be placed;
- 3: options for how to select territory;
- 4: demographic summary of districts;
- 5: demographic change of currently selected area;
- 6: review map when finished;
- 7: submit map.

[Online Tool link](#)



The screenshot shows the 'Access Your Online Redistricting Plans' login page. Below the login fields, there are links for 'Need Help?', 'Quick Start Guide', 'Short Training Videos', and 'Online Manual'. The main interface includes a 'Plan Actions' menu with 'Plan Integrity' and 'Submit Plan' circled. A toolbar with navigation icons is also circled. A 'Redistricting Toolbox' on the right has a 'New District' button circled. A 'Districts' table at the bottom left shows plan statistics, and a 'Changes' table at the bottom right shows demographic changes for a selected area.

District	Population	Change - Population	Ideal Value	Deviation	% Deviation	[Hispanic Origin]	Change - [Hispanic Origin]	% [Hispanic Origin]	NH_Whit
-	140,081	116,734	500.0%	-26,517	18.9%	48,323	34.5%	2,917	

District	Population	Change - Population	Ideal Value	Deviation	% Deviation	[Hispanic Origin]	Change - [Hispanic Origin]	% [Hispanic Origin]	NH_Whit
New	0	0	23,347	-23,347	-100.0%	0	0	0	0