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STAFF REPORT

DATE: February 16, 2022
 TO: Board of Directors
 FROM: Adrienne Carr, Ph.D., General Manager
 RE: Redistricting Based on 2020 Census Data and First Public Hearing on the Proposal to Adjust the Boundaries of the Zones

INFORMATION/BACKGROUND

At the May 27, 2020 Board of Director's meeting, the Board voted to change the North Coast County Water District's electoral system for members of the Board of Directors from at-large to zone elections beginning with the 2022 election.

The District is required by law to evaluate election zone boundaries following each federal decennial census to ensure voting power and representation is distributed equally, based on population size. The 2020 Census data shows that the difference in population in two out of the five zones recently created by the District exceeds the 10 percent threshold, and therefore, the District must undergo a redistricting process. The previously adopted map showing the five electoral zones with the updated 2020 census data is included here as Attachment A.

This is the first public hearing for the District's Board of Directors to receive public input with regard to geography, population, and communities of interest to assist the District in drawing five (5) zones that are in compliance with the federal and California Voting Rights Acts.

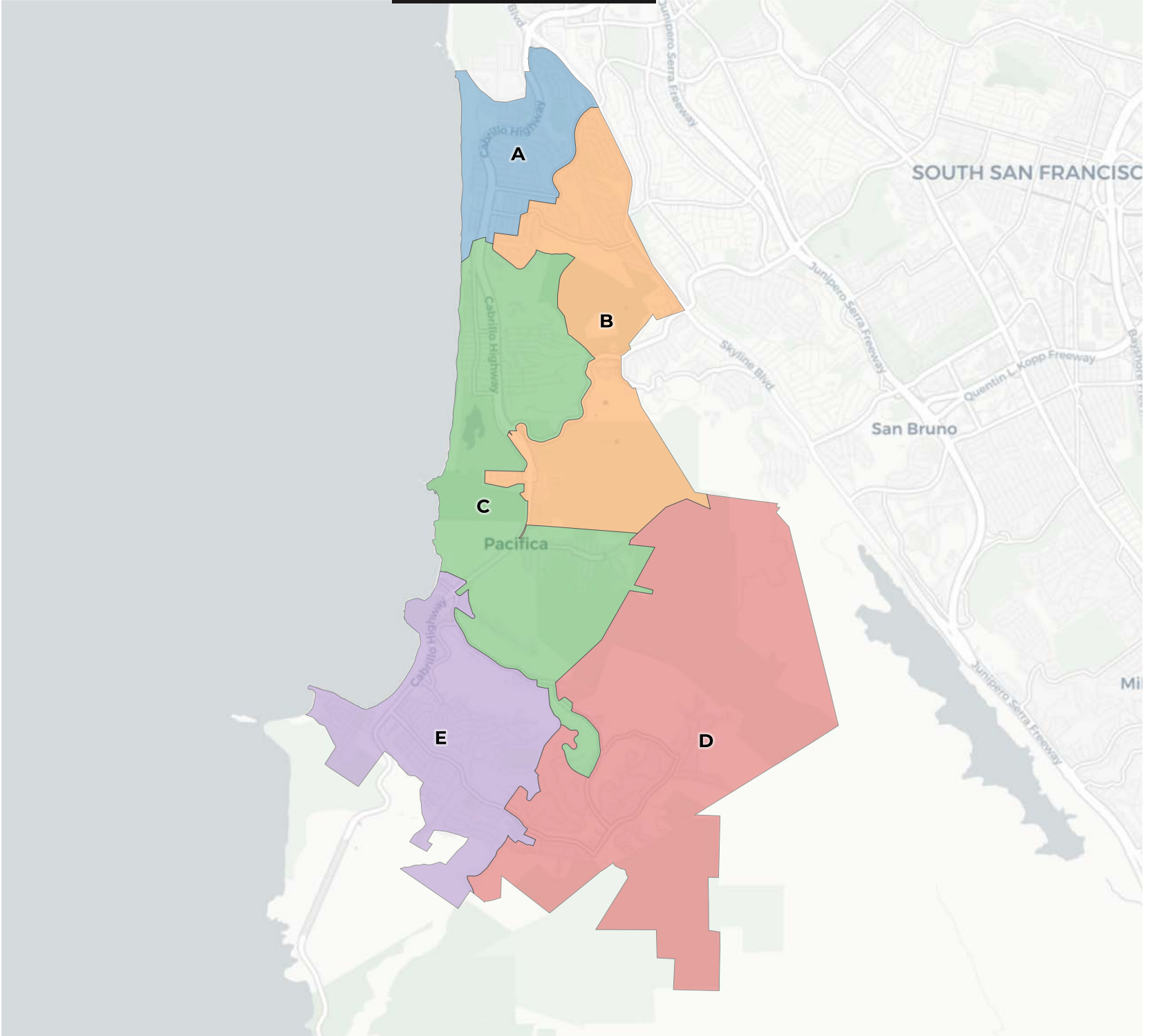
Jacob Thompson Fisher from Redistricting Partners LLC, the District's demographer, will provide an overview of the process and will present two different maps showing revised election zones. (See Attachment B.) The Plan 1 and Plan 2 maps were drawn to make sure they have acceptable population deviations and comply with both the federal and state laws. These maps have been available for public review at the District office and on the District's website.

The next public hearing is scheduled for March 16, 2022 at 7:00 p.m.

ATTACHMENTS

- A) NCCWD Zone-Based Election Map Adopted in 2020 with Updated 2020 Census Data
- B) Proposed maps: Plan 1 and Plan 2

ATTACHMENT A



2020 Census

	A	B	C	D	E
Population	7,676	7,968	7,612	7,281	8,073
Deviation	-46	246	-110	-441	351
Deviation %	-0.6%	3.2%	-1.4%	-5.7%	4.5%
Other	3,319	3,132	5,245	5,051	5,646
Other %	43.2%	39.3%	68.9%	69.4%	69.9%
Latino	1,448	1,603	1,376	1,273	1,648
Latino %	18.9%	20.1%	18.1%	17.5%	20.4%
Asian	2,699	3,006	870	904	706
Asian %	35.2%	37.7%	11.4%	12.4%	8.7%
Black	210	227	121	53	73
Black %	2.7%	2.8%	1.6%	0.7%	0.9%

Citizen Voting Age Population (CVAP)

	A	B	C	D	E
Total CVAP	5,760	6,225	5,883	5,736	6,248
Other CVAP	2,692	2,840	4,420	4,055	4,620
Other CVAP %	46.7%	45.6%	75.1%	70.7%	74.0%
Latino CVAP	1,026	1,213	770	1,007	877
Latino CVAP %	17.8%	19.5%	13.1%	17.6%	14.0%
Asian CVAP	1,833	1,966	574	652	705
Asian CVAP %	31.8%	31.6%	9.8%	11.4%	11.3%
Black CVAP	210	206	119	22	45
Black CVAP %	3.6%	3.3%	2.0%	0.4%	0.7%

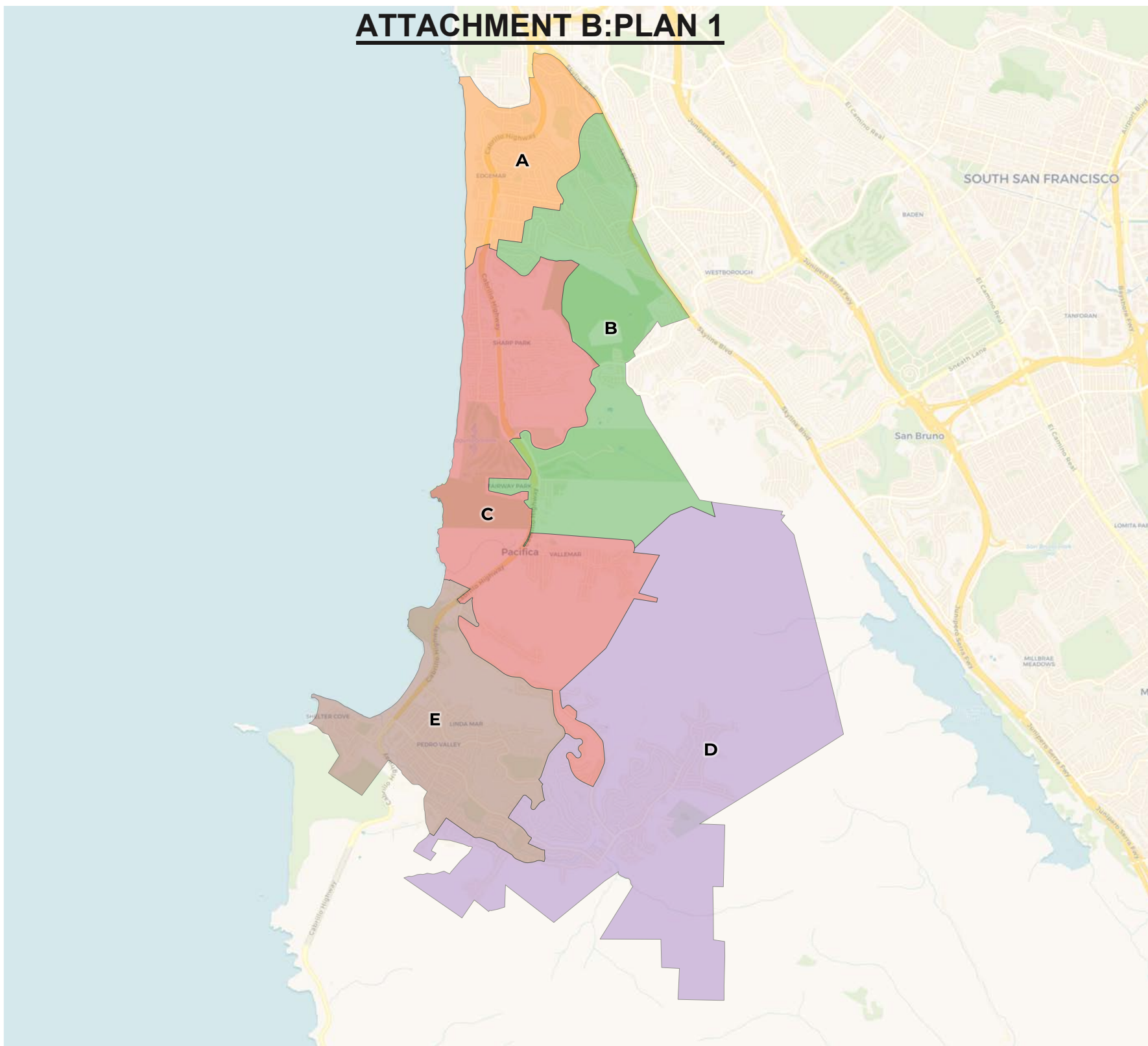


**REDISTRICTING
PARTNERS**

**North Coast County Water
District**

Plan 1 - Minimum Change

ATTACHMENT B: PLAN 1



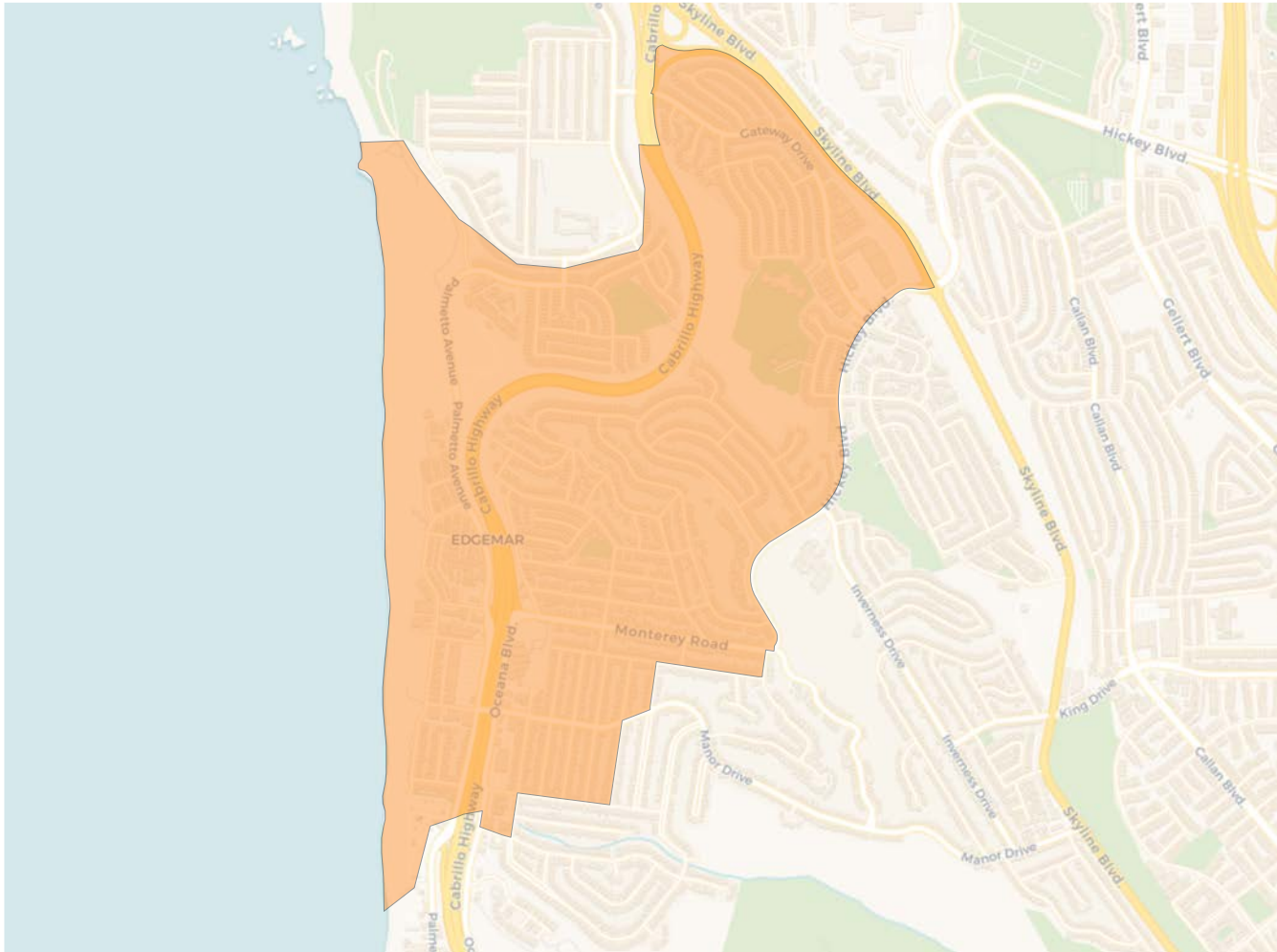
2020 Census

	A	B	C	D	E
Population	7,681	7,977	7,620	7,864	7,502
Deviation	-48	248	-109	135	-227
Deviation %	-0.6%	3.2%	-1.4%	1.7%	-2.9%
Other	3,320	3,134	5,250	5,464	5,238
Other %	43.2%	39.3%	68.9%	69.5%	69.8%
Latino	1,450	1,604	1,378	1,396	1,531
Latino %	18.9%	20.1%	18.1%	17.8%	20.4%
Asian	2,700	3,007	871	949	661
Asian %	35.2%	37.7%	11.4%	12.1%	8.8%
Black	211	232	121	55	72
Black %	2.7%	2.9%	1.6%	0.7%	1.0%

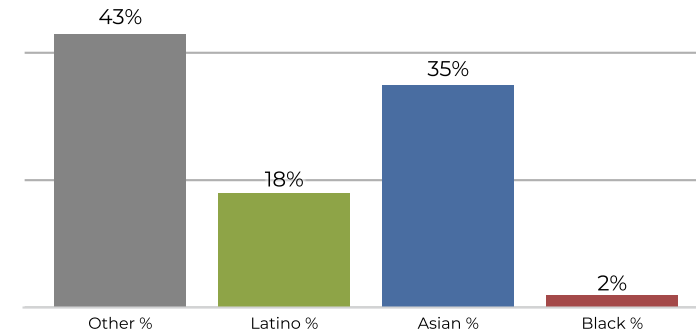
Citizen Voting Age Population (CVAP)

	A	B	C	D	E
Total CVAP	5,926	6,138	5,970	6,089	5,734
Other CVAP	2,588	2,684	4,443	4,475	4,114
Other CVAP %	43.7%	43.7%	74.4%	73.5%	71.7%
Latino CVAP	1,144	1,202	834	914	876
Latino CVAP %	19.3%	19.6%	14.0%	15.0%	15.3%
Asian CVAP	1,921	1,988	594	662	633
Asian CVAP %	32.4%	32.4%	9.9%	10.9%	11.0%
Black CVAP	273	264	99	38	111
Black CVAP %	4.6%	4.3%	1.7%	0.6%	1.9%

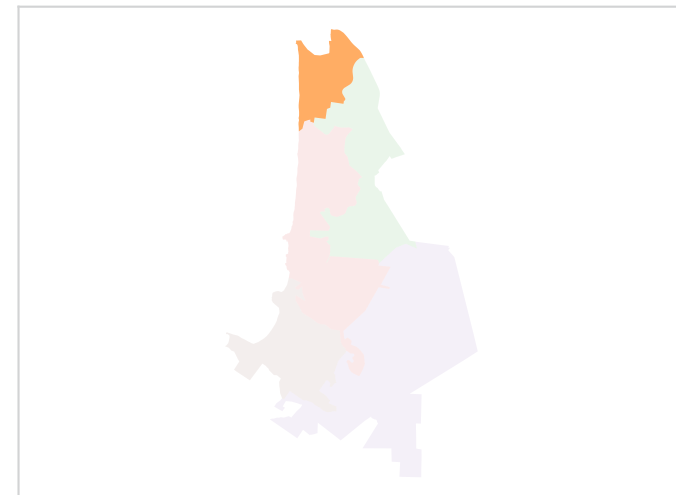
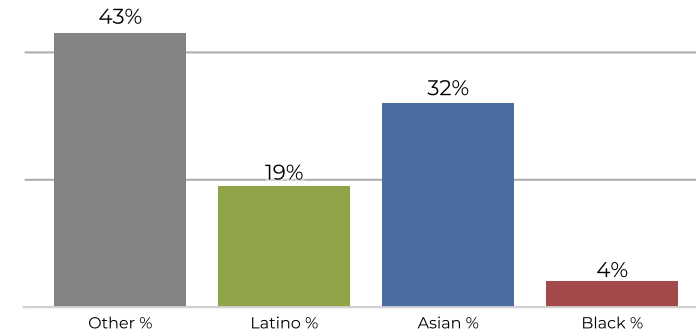
District A



2020 Census

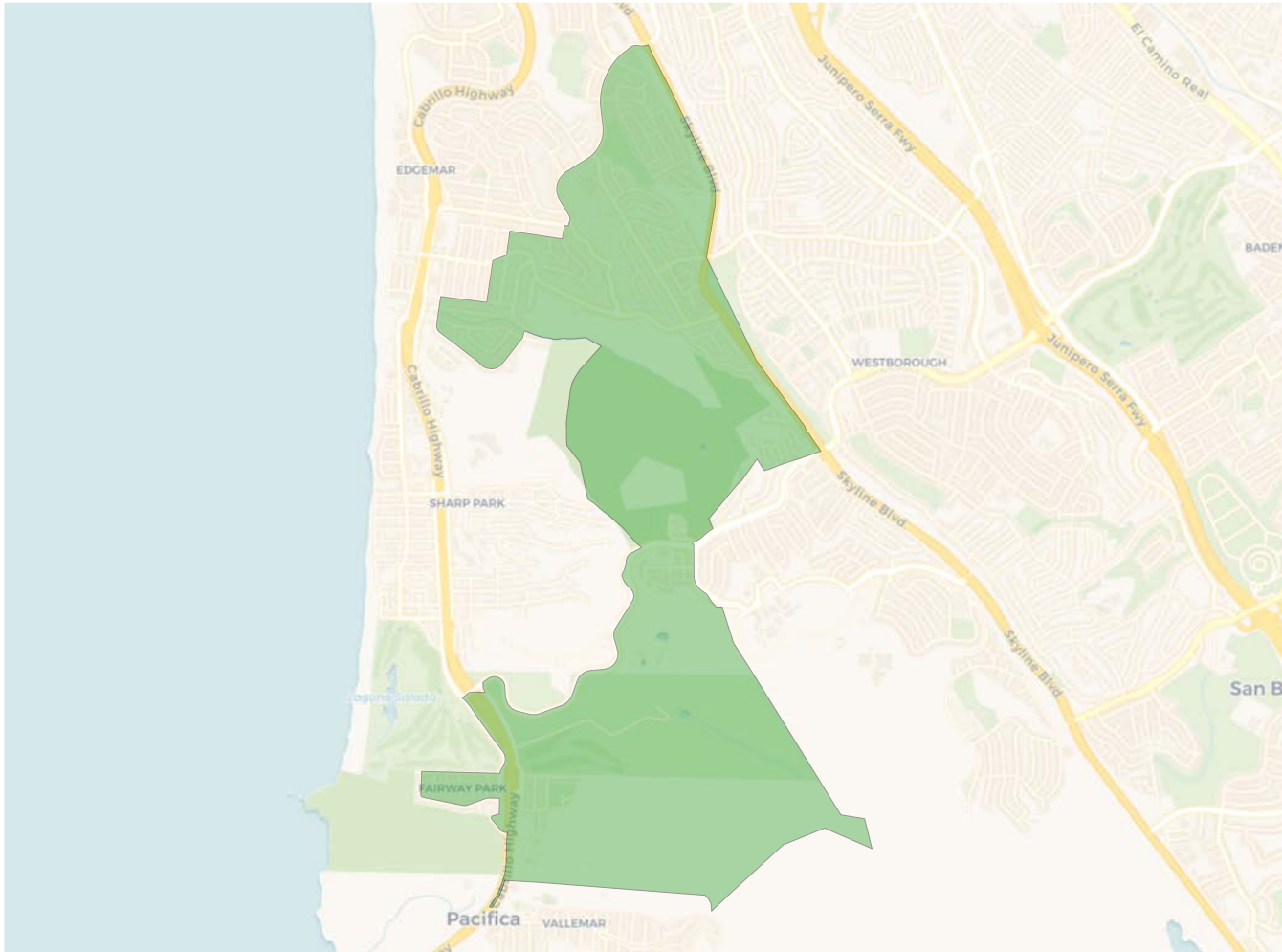


Citizen Voting Age Population

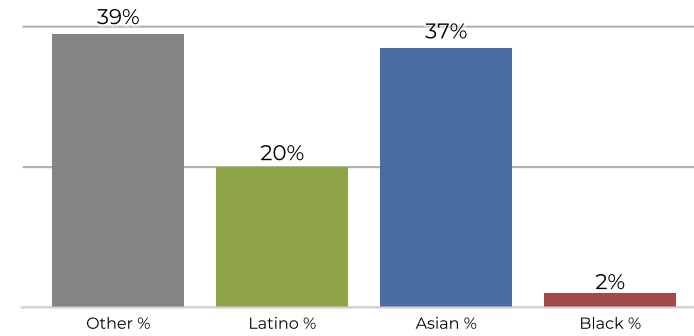


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,681	-48	-0.6%	3,320	43.2%	1,450	18.9%	2,700	35.2%	211	2.7%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
5,926	2,588	43.7%	1,144	19.3%	1,921	32.4%	273	4.6%		

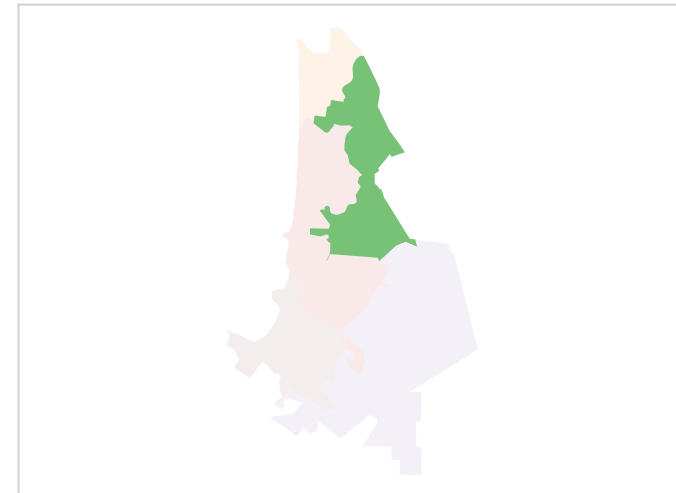
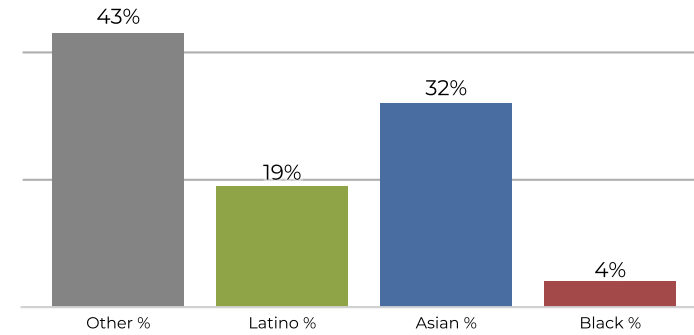
District B



2020 Census

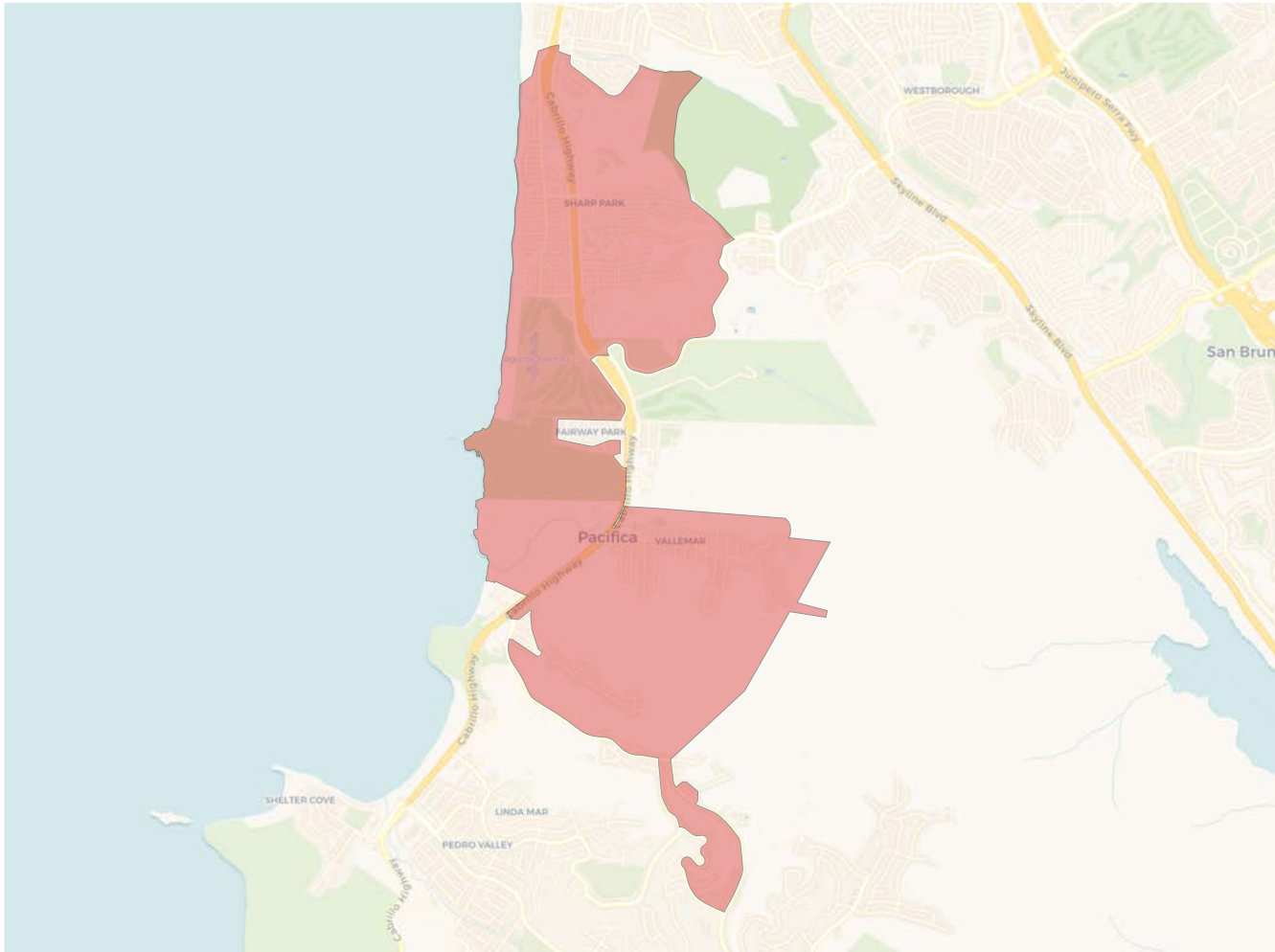


Citizen Voting Age Population

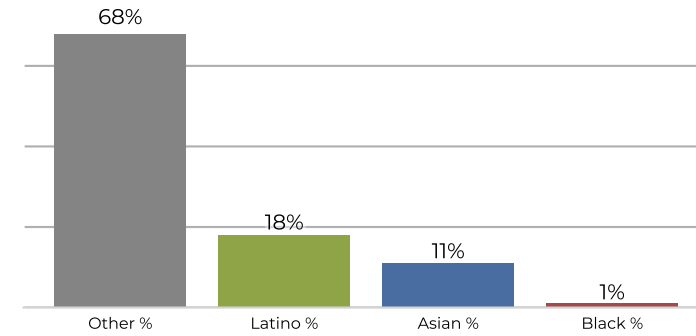


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,977	248	3.2%	3,134	39.3%	1,604	20.1%	3,007	37.7%	232	2.9%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
6,138	2,684	43.7%	1,202	19.6%	1,988	32.4%	264	4.3%		

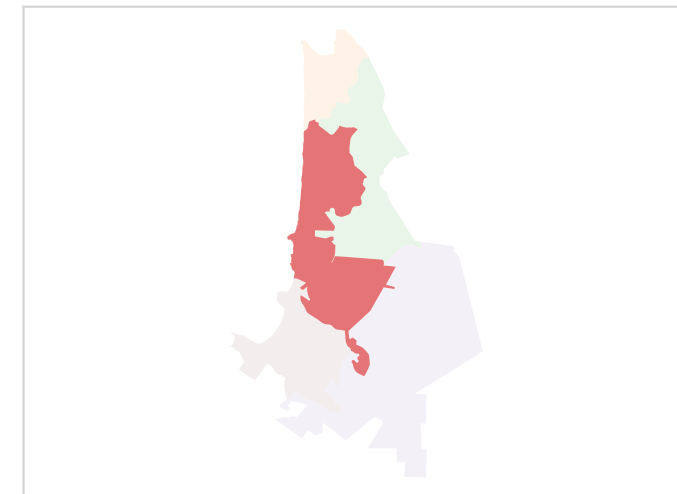
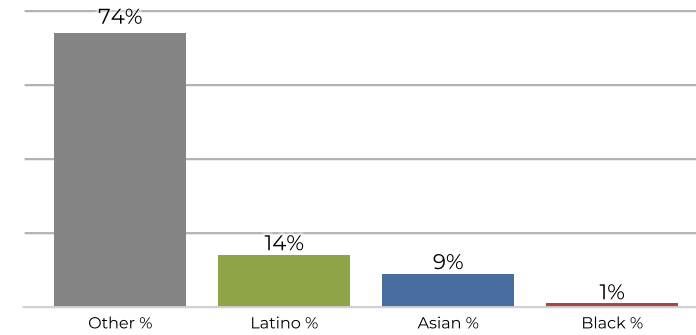
District C



2020 Census

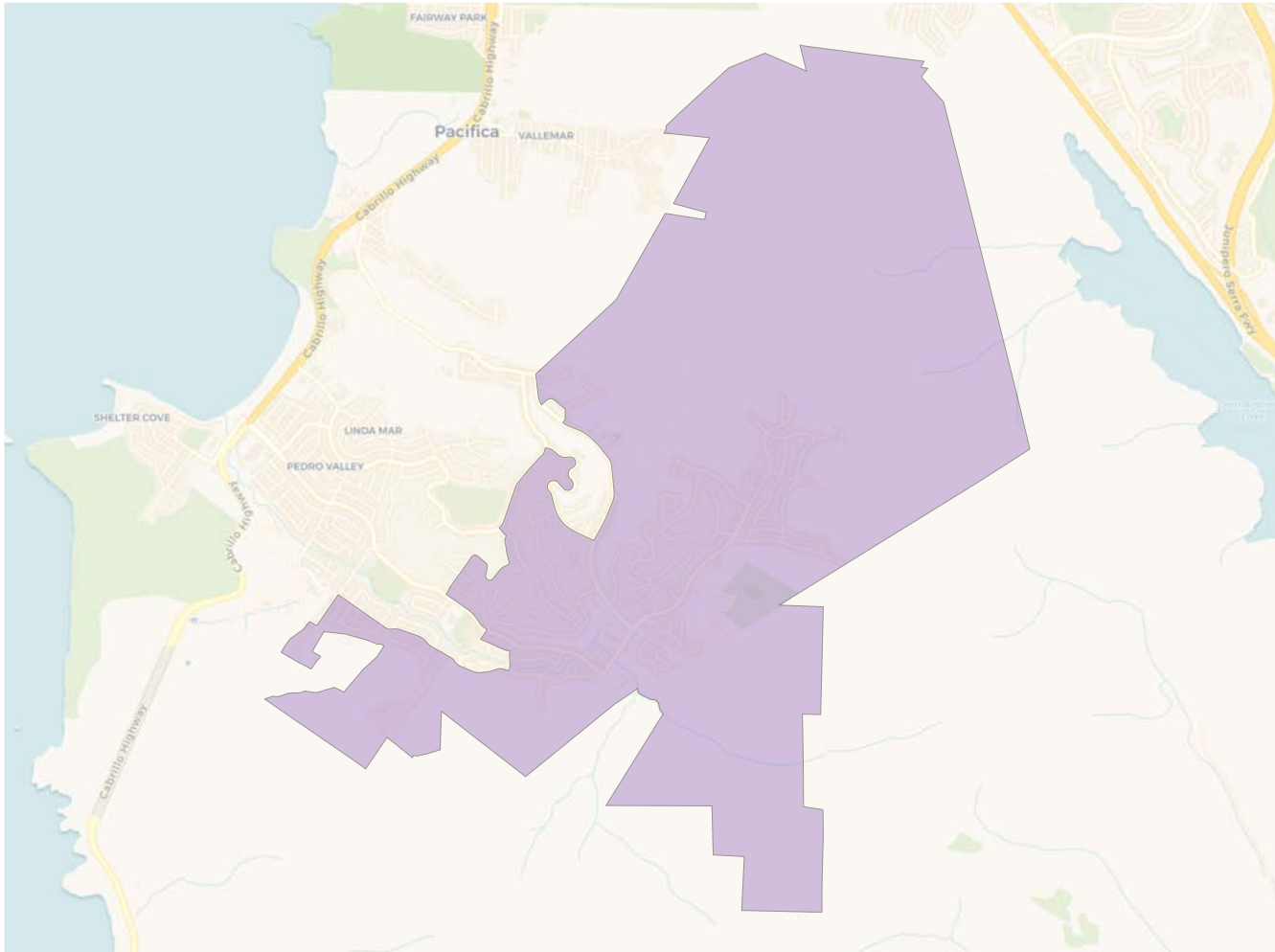


Citizen Voting Age Population

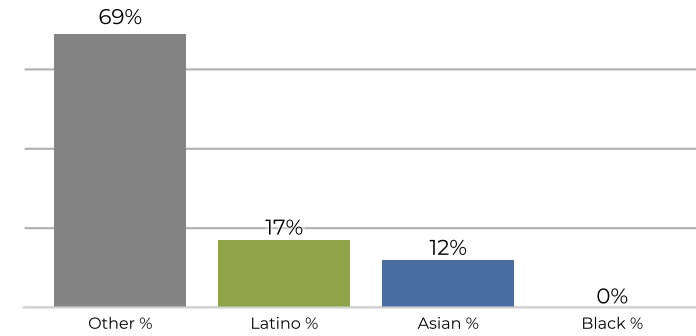


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,620	-109	-1.4%	5,250	68.9%	1,378	18.1%	871	11.4%	121	1.6%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
5,970	4,443	74.4%	834	14.0%	594	9.9%	99	1.7%		

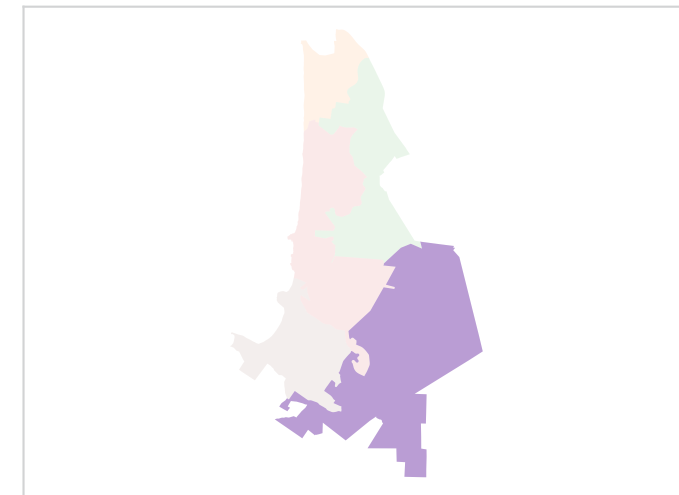
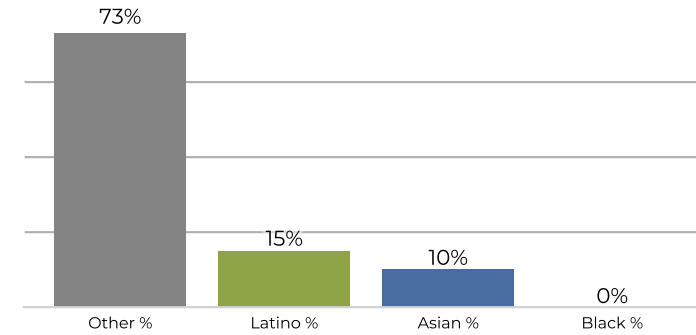
District D



2020 Census

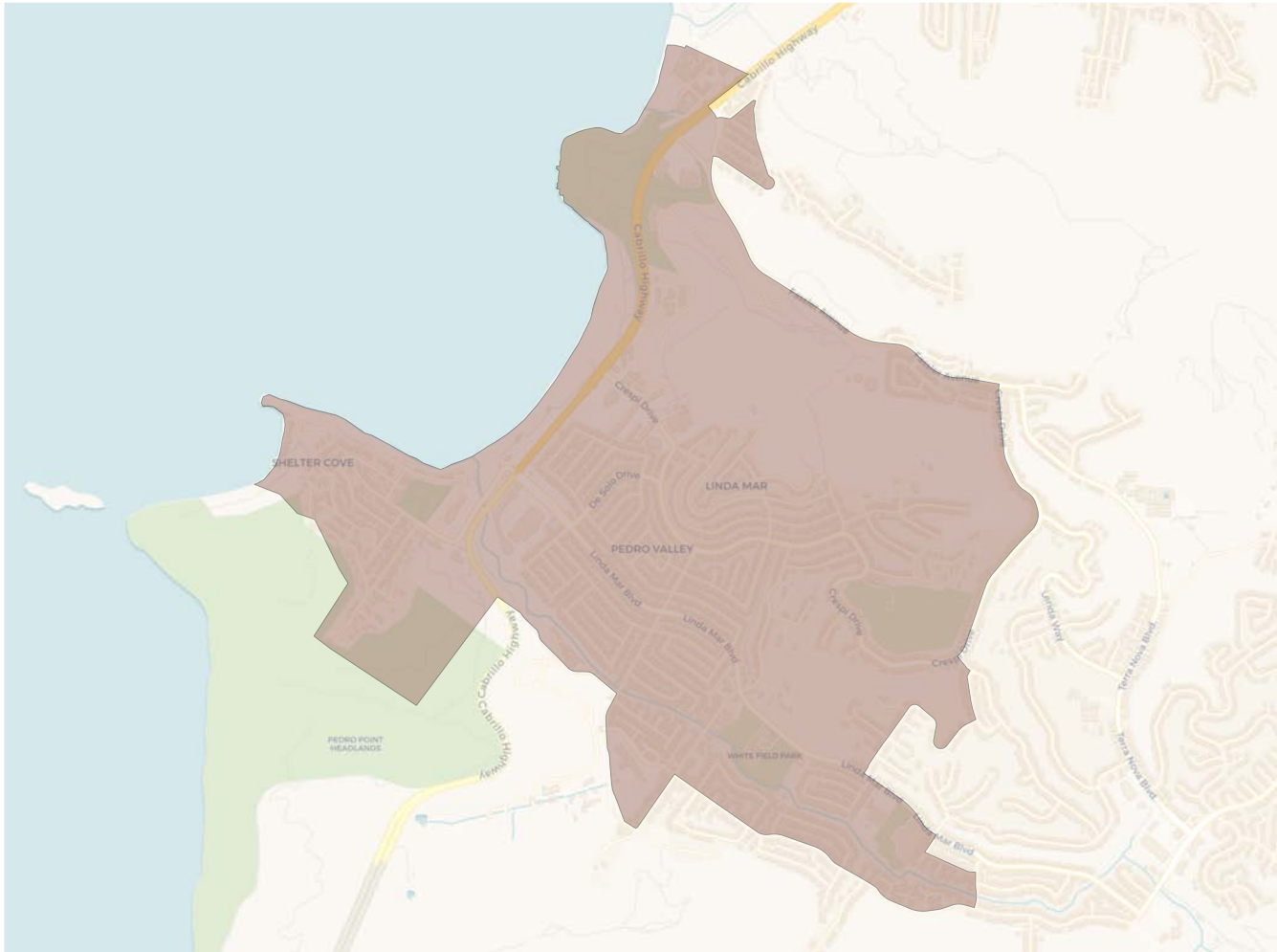


Citizen Voting Age Population

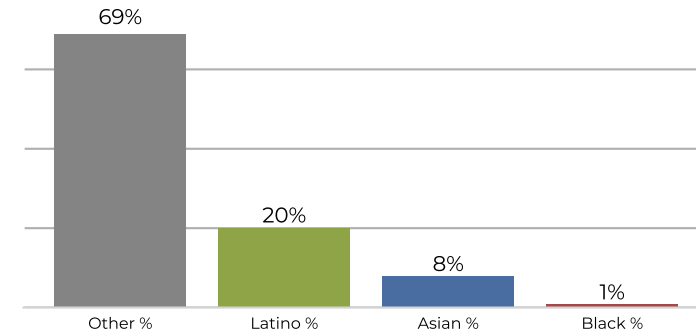


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,864	135	1.7%	5,464	69.5%	1,396	17.8%	949	12.1%	55	0.7%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
6,089	4,475	73.5%	914	15.0%	662	10.9%	38	0.6%		

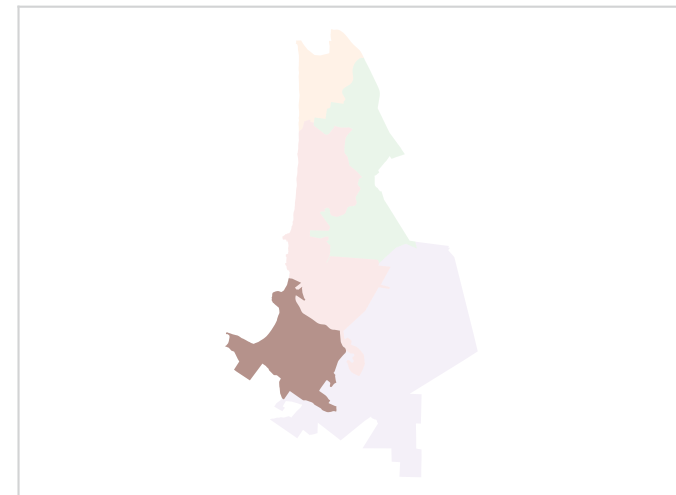
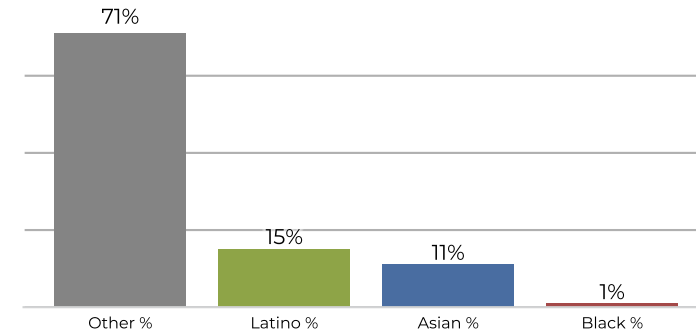
District E



2020 Census



Citizen Voting Age Population



Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,502	-227	-2.9%	5,238	69.8%	1,531	20.4%	661	8.8%	72	1.0%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
5,734	4,114	71.7%	876	15.3%	633	11.0%	111	1.9%		

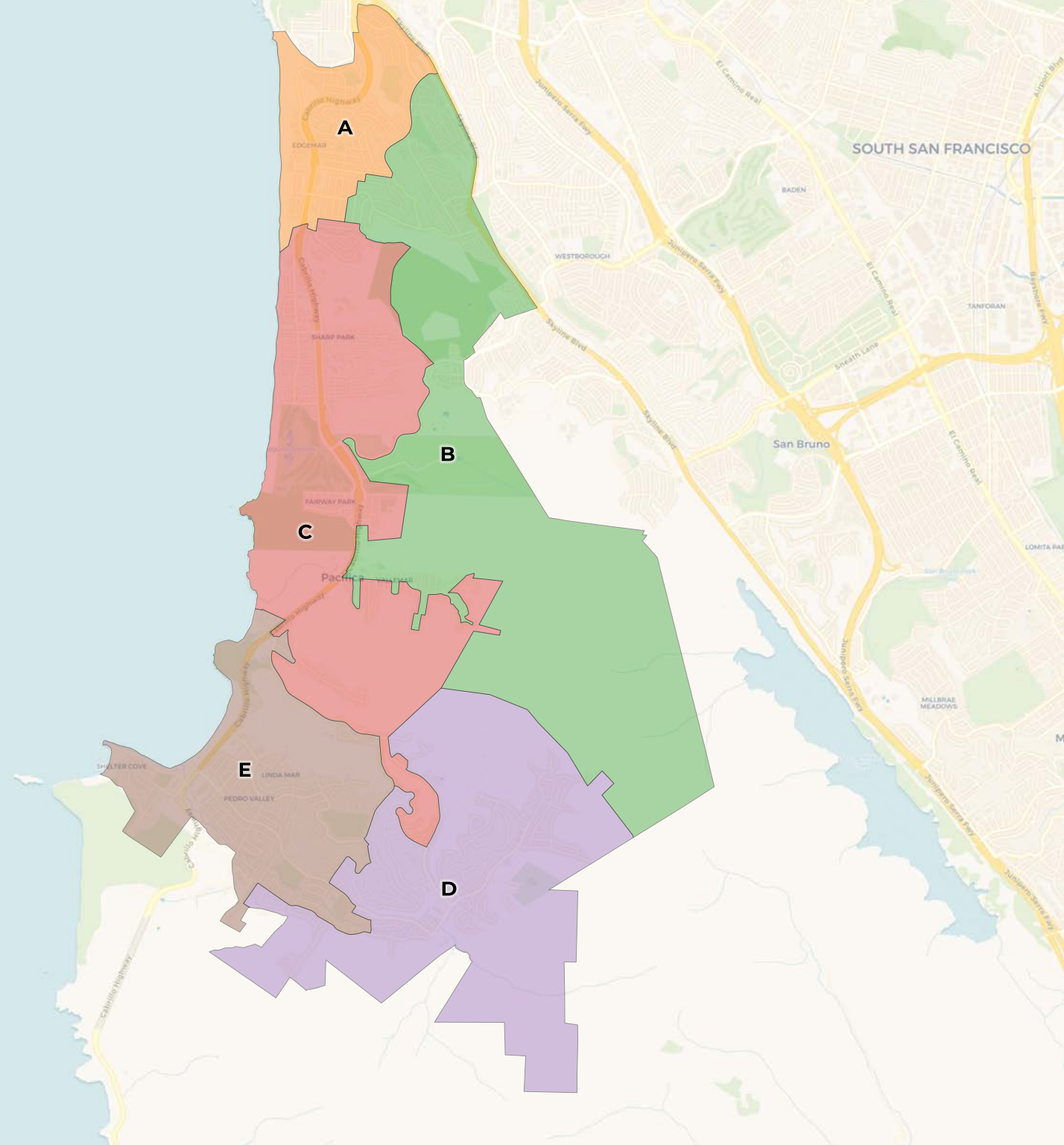


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Plan 2 - Hills and Coasts

ATTACHMENT B: PLAN 2



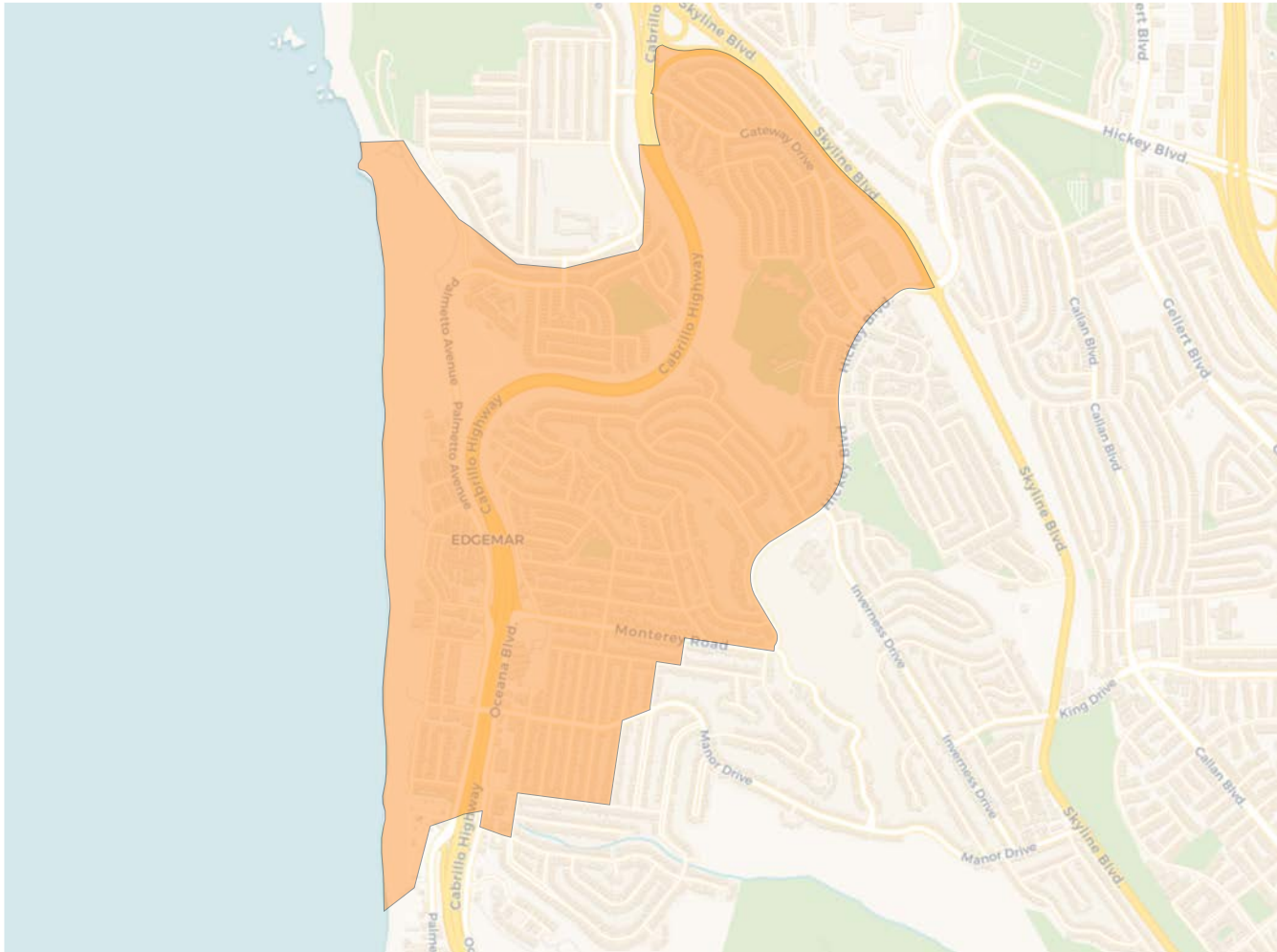
2020 Census

	A	B	C	D	E
Population	7,598	7,733	7,967	7,779	7,567
Deviation	-131	4	238	50	-162
Deviation %	-1.7%	0.1%	3.1%	0.6%	-2.1%
Other	3,271	3,052	5,392	5,411	5,280
Other %	43.1%	39.5%	67.7%	69.6%	69.8%
Latino	1,427	1,522	1,486	1,378	1,546
Latino %	18.8%	19.7%	18.7%	17.7%	20.4%
Asian	2,689	2,936	958	938	667
Asian %	35.4%	38.0%	12.0%	12.1%	8.8%
Black	211	223	131	52	74
Black %	2.8%	2.9%	1.6%	0.7%	1.0%

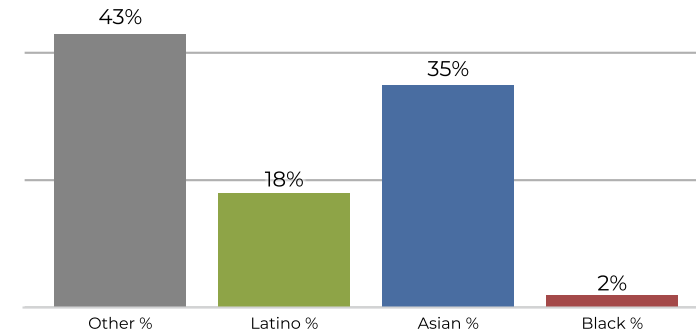
Citizen Voting Age Population (CVAP)

	A	B	C	D	E
Total CVAP	5,878	6,003	6,169	6,040	5,767
Other CVAP	2,569	2,712	4,444	4,436	4,143
Other CVAP %	43.7%	45.2%	72.0%	73.4%	71.8%
Latino CVAP	1,120	1,109	955	906	880
Latino CVAP %	19.1%	18.5%	15.5%	15.0%	15.3%
Asian CVAP	1,916	1,952	637	660	633
Asian CVAP %	32.6%	32.5%	10.3%	10.9%	11.0%
Black CVAP	273	230	133	38	111
Black CVAP %	4.6%	3.8%	2.2%	0.6%	1.9%

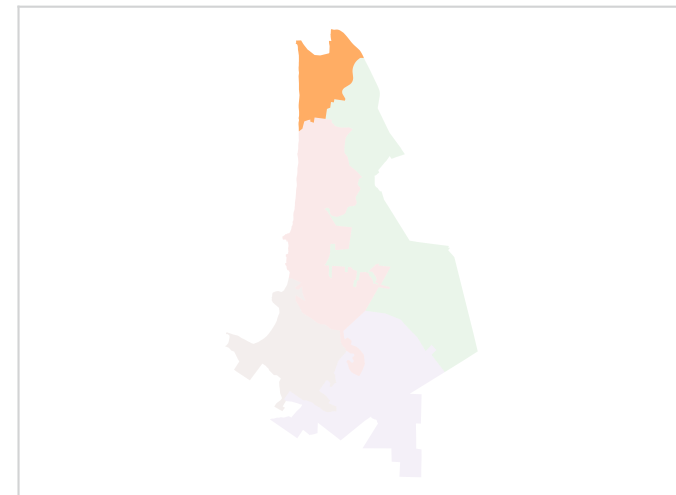
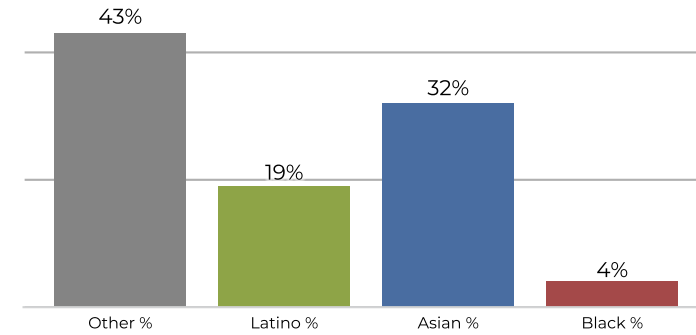
District A



2020 Census

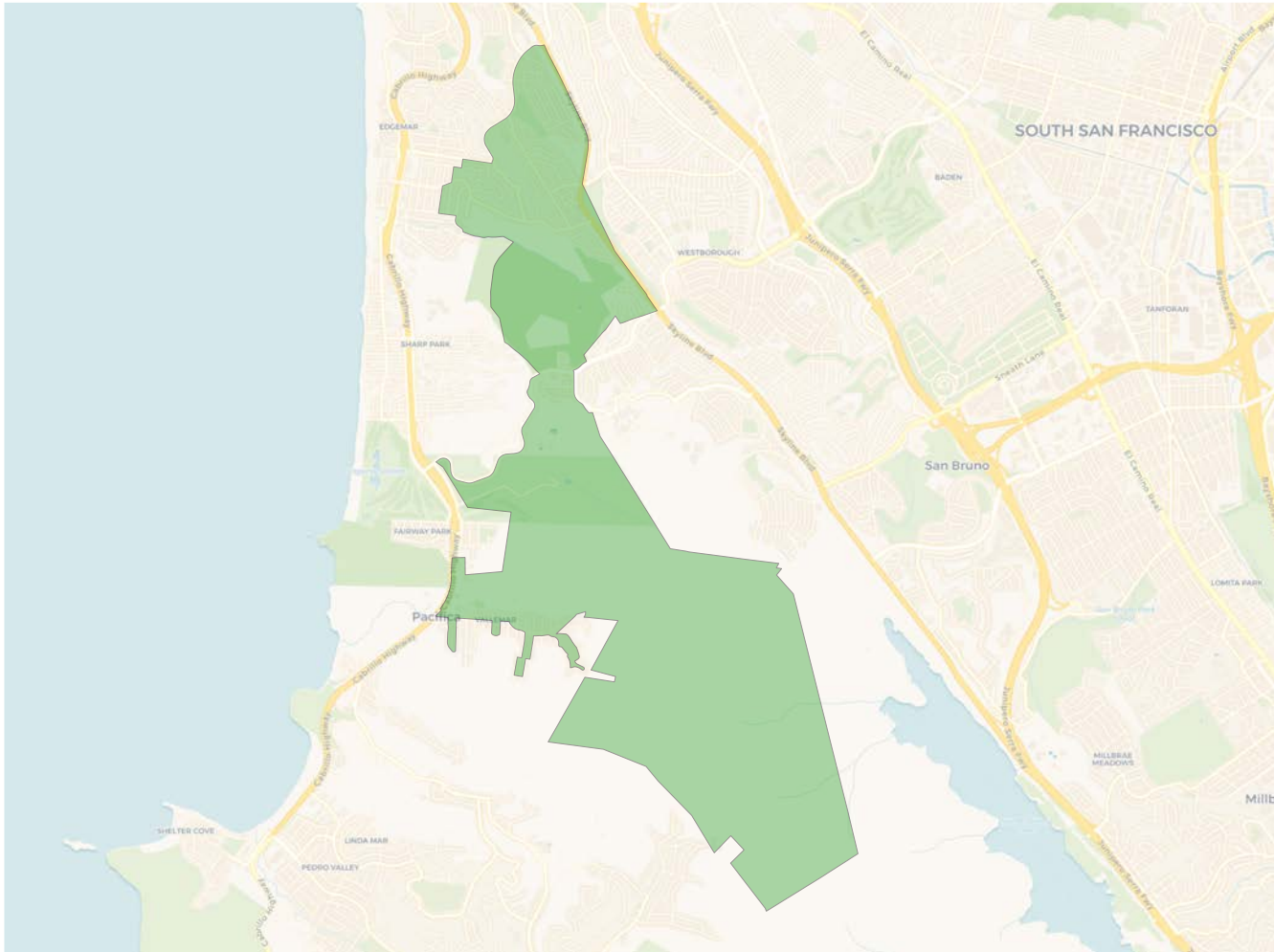


Citizen Voting Age Population

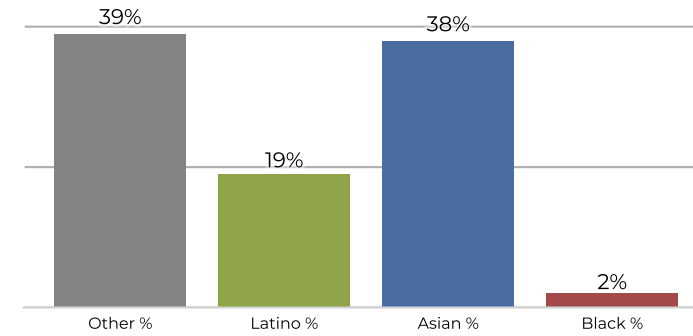


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,598	-131	-1.7%	3,271	43.1%	1,427	18.8%	2,689	35.4%	211	2.8%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
5,878	2,569	43.7%	1,120	19.1%	1,916	32.6%	273	4.6%		

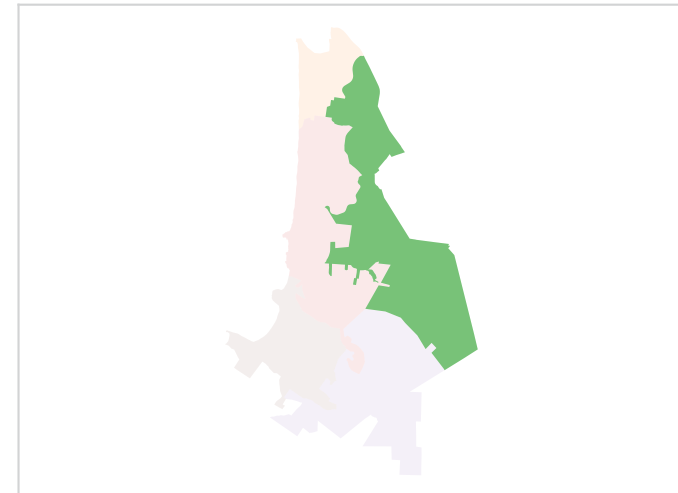
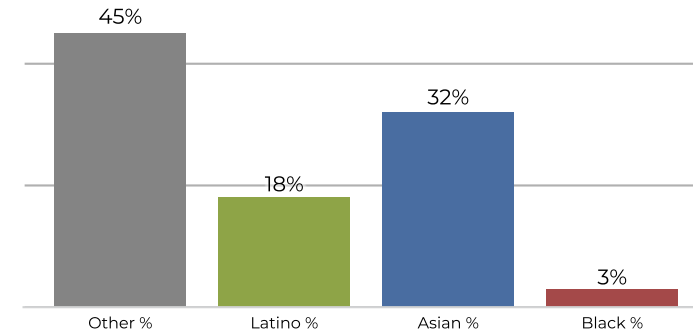
District B



2020 Census

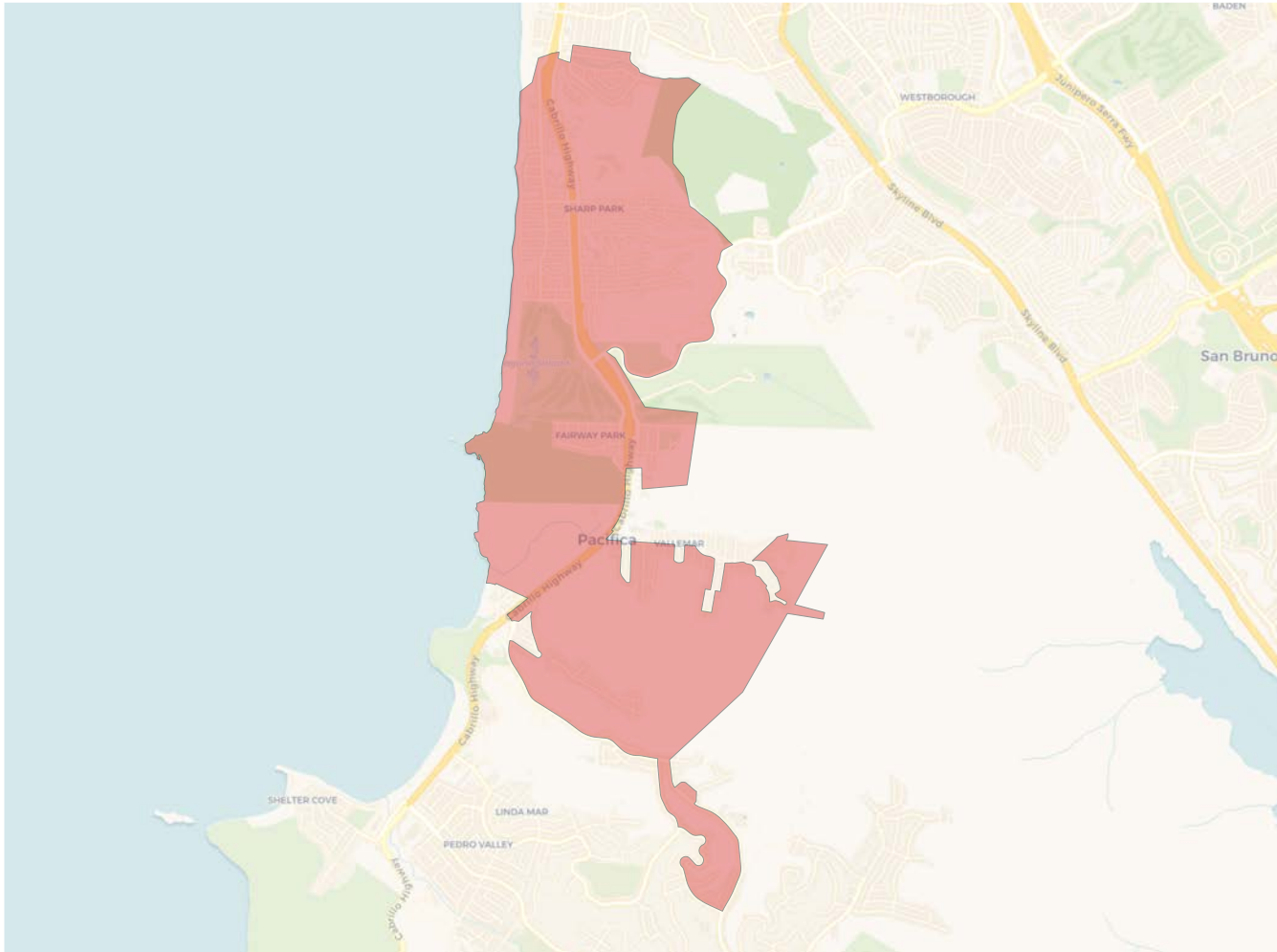


Citizen Voting Age Population

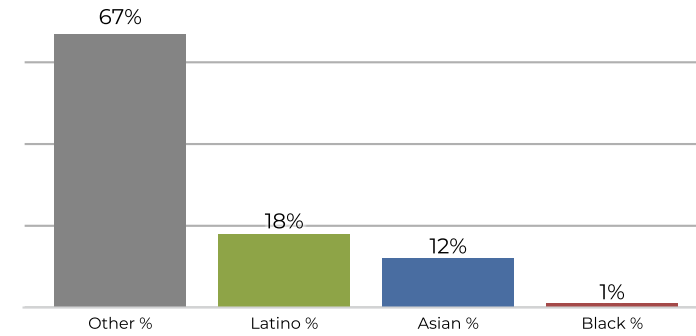


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,733	4	0.1%	3,052	39.5%	1,522	19.7%	2,936	38.0%	223	2.9%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
6,003	2,712	45.2%	1,109	18.5%	1,952	32.5%	230	3.8%		

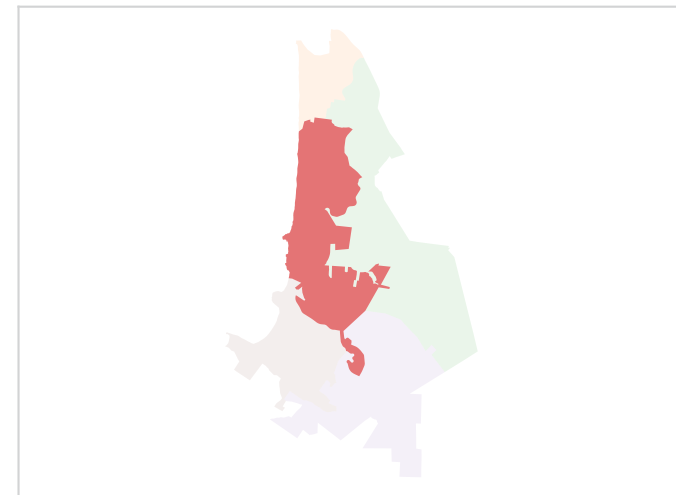
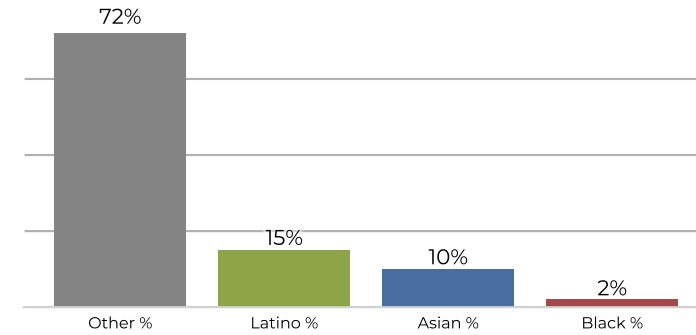
District C



2020 Census

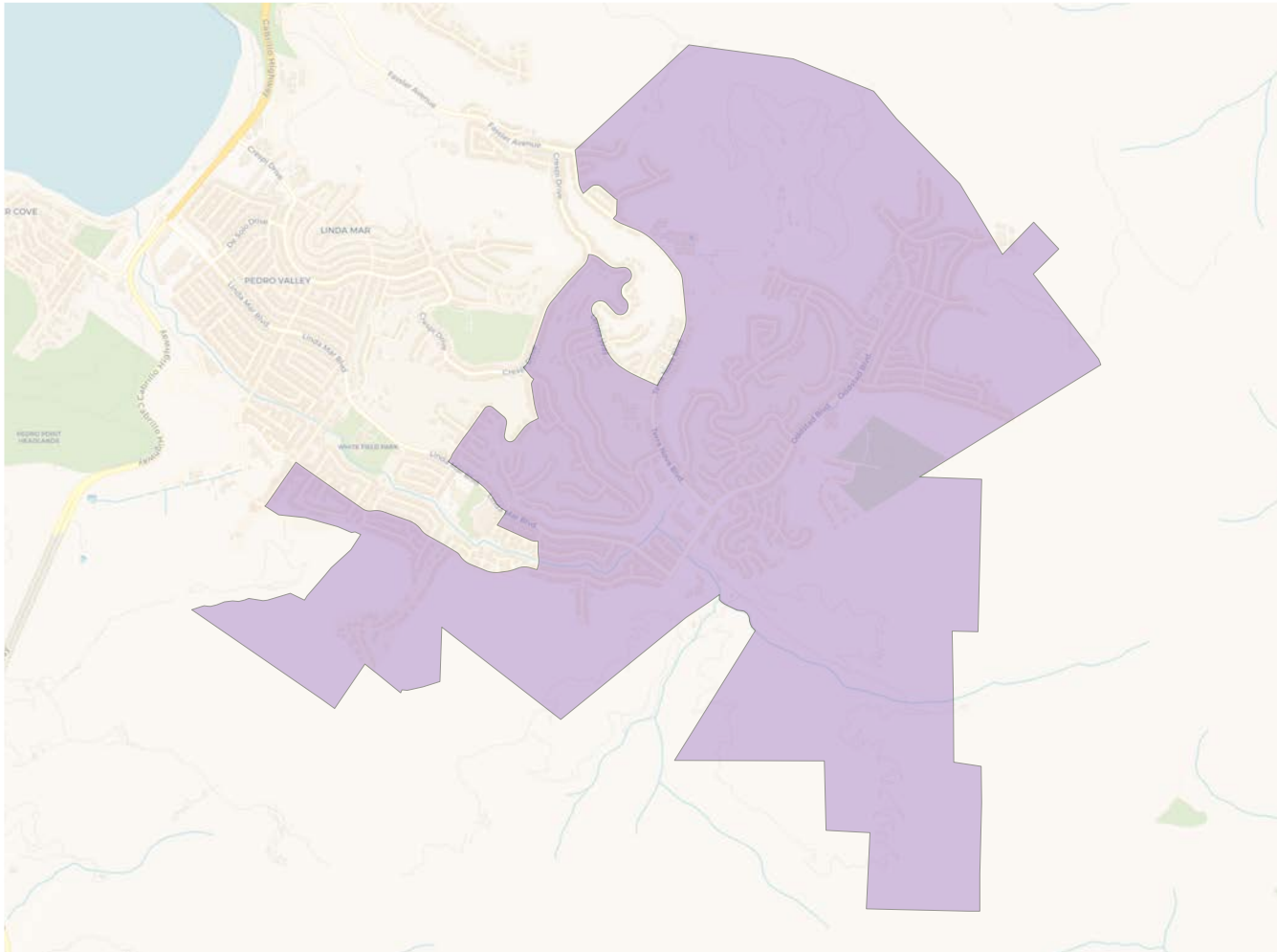


Citizen Voting Age Population

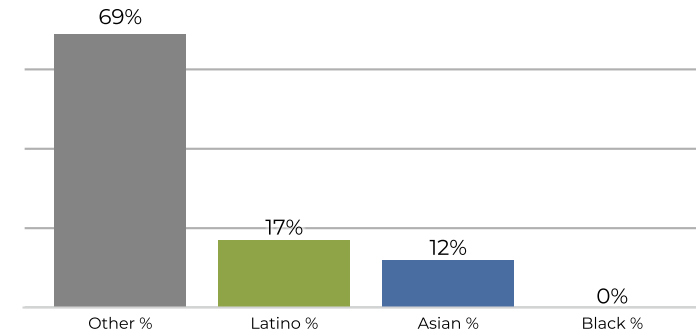


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,967	238	3.1%	5,392	67.7%	1,486	18.7%	958	12.0%	131	1.6%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
6,169	4,444	72.0%	955	15.5%	637	10.3%	133	2.2%		

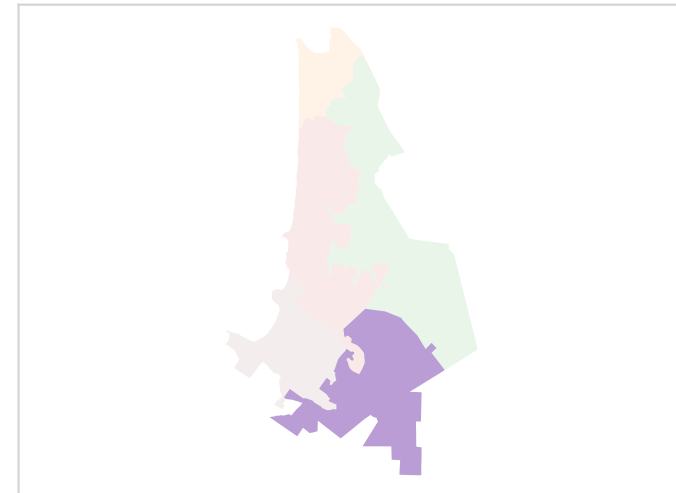
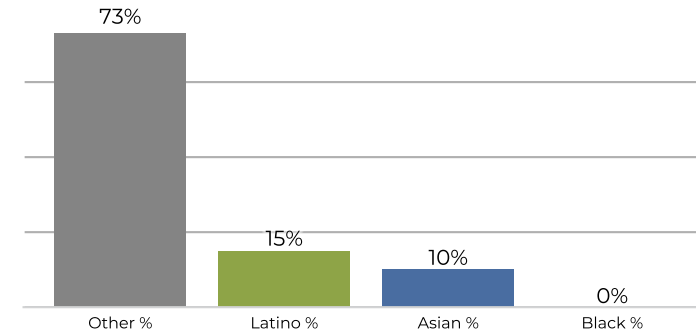
District D



2020 Census

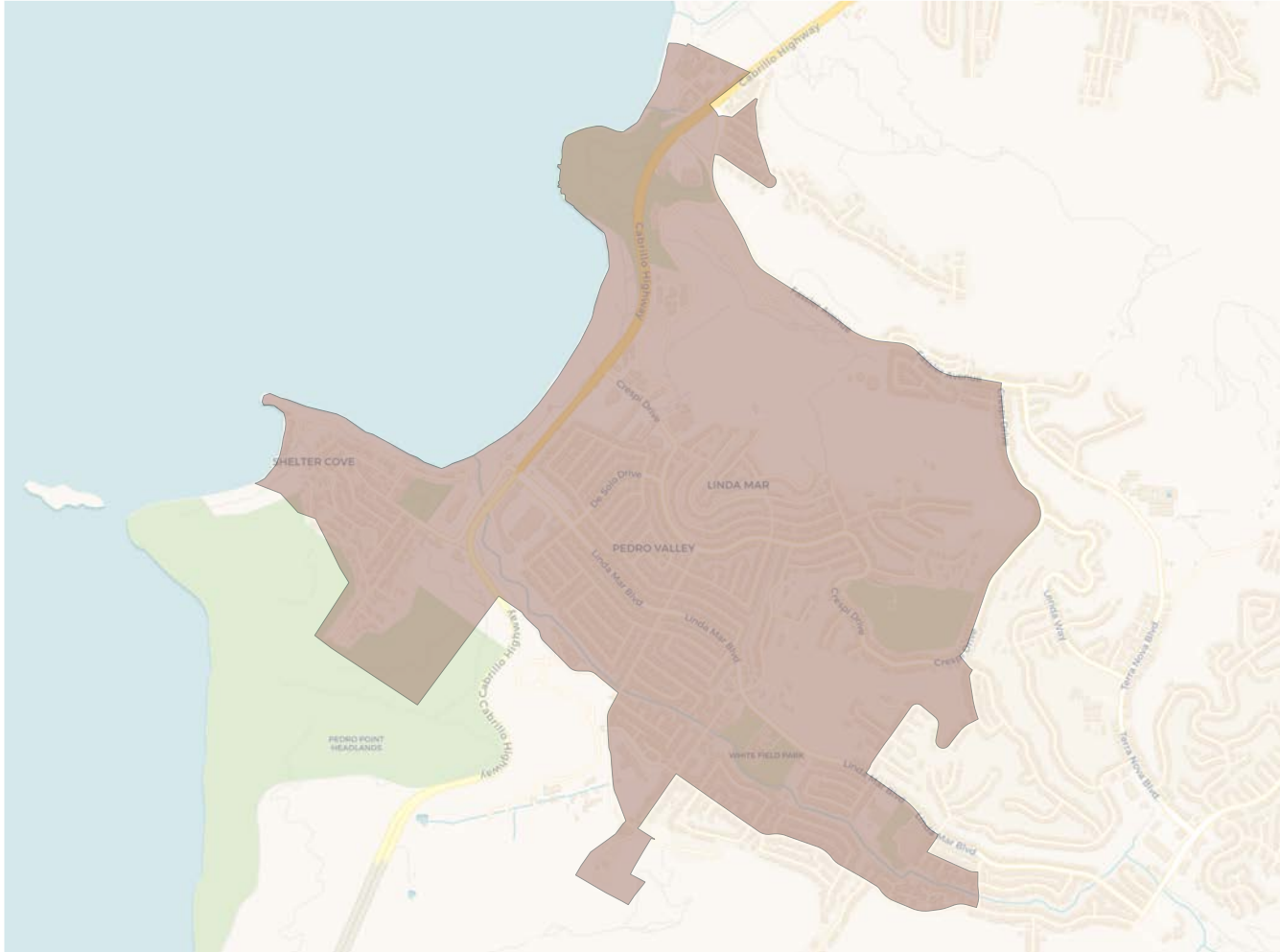


Citizen Voting Age Population

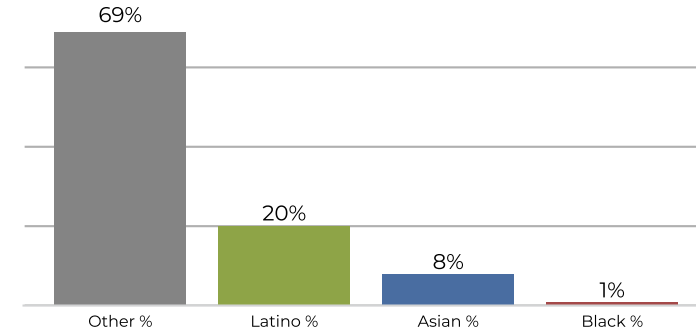


Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,779	50	0.6%	5,411	69.6%	1,378	17.7%	938	12.1%	52	0.7%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
6,040	4,436	73.4%	906	15.0%	660	10.9%	38	0.6%		

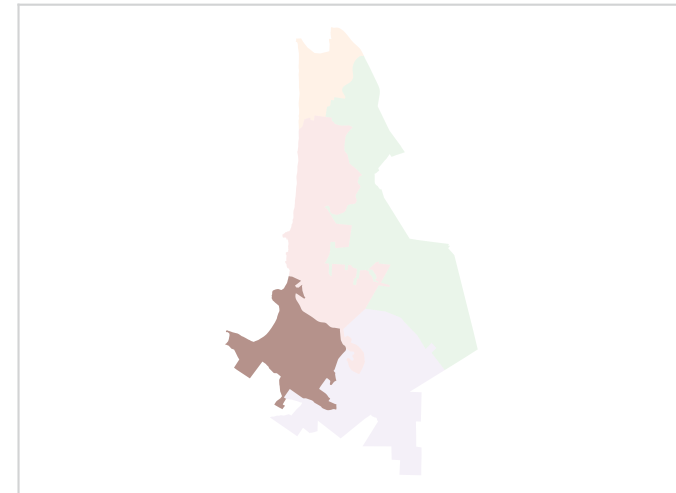
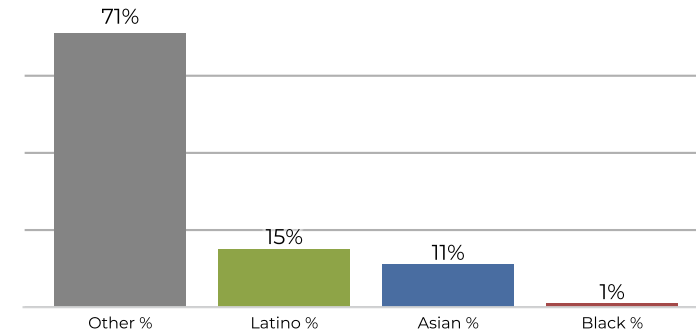
District E



2020 Census



Citizen Voting Age Population



Population	Deviation	Deviation %	Other	Other %	Latino	Latino %	Asian	Asian %	Black	Black %
7,567	-162	-2.1%	5,280	69.8%	1,546	20.4%	667	8.8%	74	1.0%
Total CVAP	Other CVAP	Other CVAP %	Latino CVAP	Latino CVAP %	Asian CVAP	Asian CVAP %	Black CVAP	Black CVAP %		
5,767	4,143	71.8%	880	15.3%	633	11.0%	111	1.9%		