



**Bay Area
Rapid Transit**



Public Meeting #4 Proposed District Review

Presentation

January 15, 2022



BART Mission and Challenge

- Over 3.7M people
- GEOinovo: provide demographic and mapping services to the public and Redistricting Committee
- Goal: Create population-balanced districts based on 2020 US Census data

Redistricting Recap

- Redistricting is the process of adjusting district lines every 10 years after each US Census
- GEOinovo: provide demographic and mapping services to the public and Redistricting Committee
- Goal: Create population-balanced districts based on 2020 US Census data

Redistricting Key Terms

- CVAP: Citizen Voting Age Population
- VRA: Voting Rights Act
- Balanced population: Total population / 9 districts
- Variance (%): $(\text{Most populated district} - \text{Least populated district}) / (\text{Balanced population})$

Proposed BART Districts

- Proposed BART Board of Director districts currently include Plan A, B, and C
- All plans are considered drafts until final approval by the Redistricting Committee at the end of the redistricting process
- Plan A, B, and C all feature population variance of less than 0.5% - nearly perfect balance

Redistricting Considerations

- Population balance
- VRA District: protected class 50% +1 total population and Citizen Voting Age Population (CVAP)
- Geographically contiguous and compact
- BART stations, Cities, Census Designated Places

Plan A : Overview

- Maximize Latino and Asian populations
- LGBTQ representation, esp. City of San Francisco
- District 6: Only district w/majority protected class population (Asian, 57.7%)
- No VRA district – District 6, Asian, 48% CVAP

Plan A : Overview

- Latino: District 2 (37.6%), District 4 (44.7%), District 7 (29.2%)
- Black: District 2 (12.9%), District 4 (16.9%), District 7 (17.9%)
- Asian: District 6 (57.7%), District 8 (47.4%)
- White: District 1 (59.8%) Only majority-white district
- CVAP: Four (4) majority-white districts

Plan A : Statistics

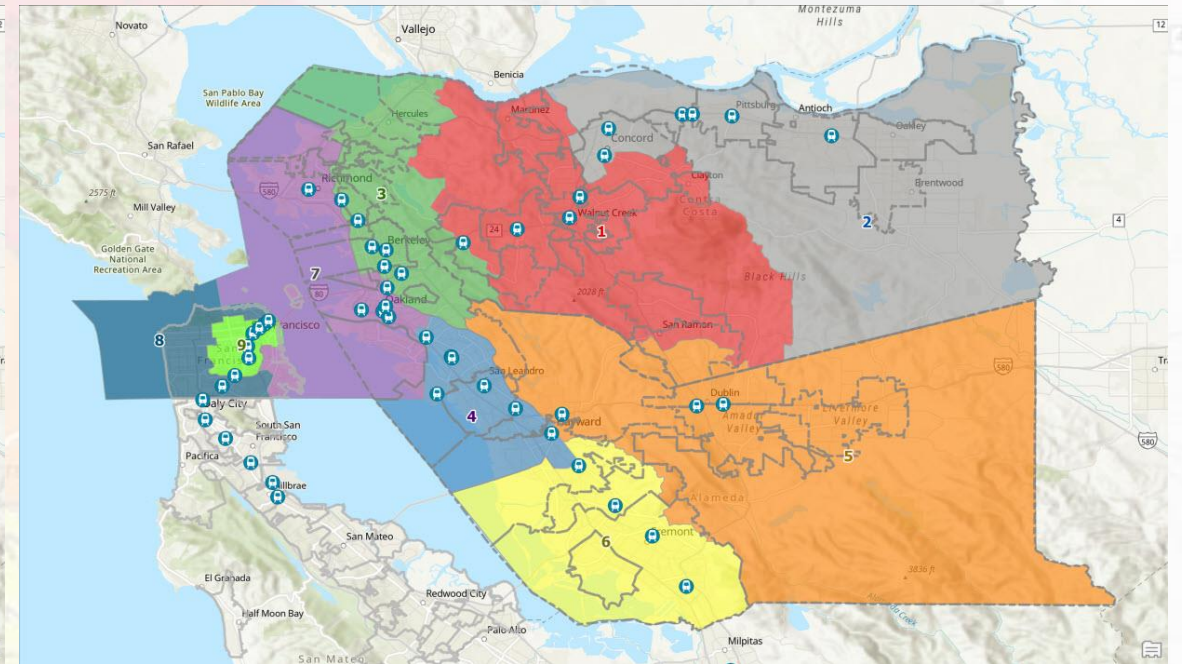
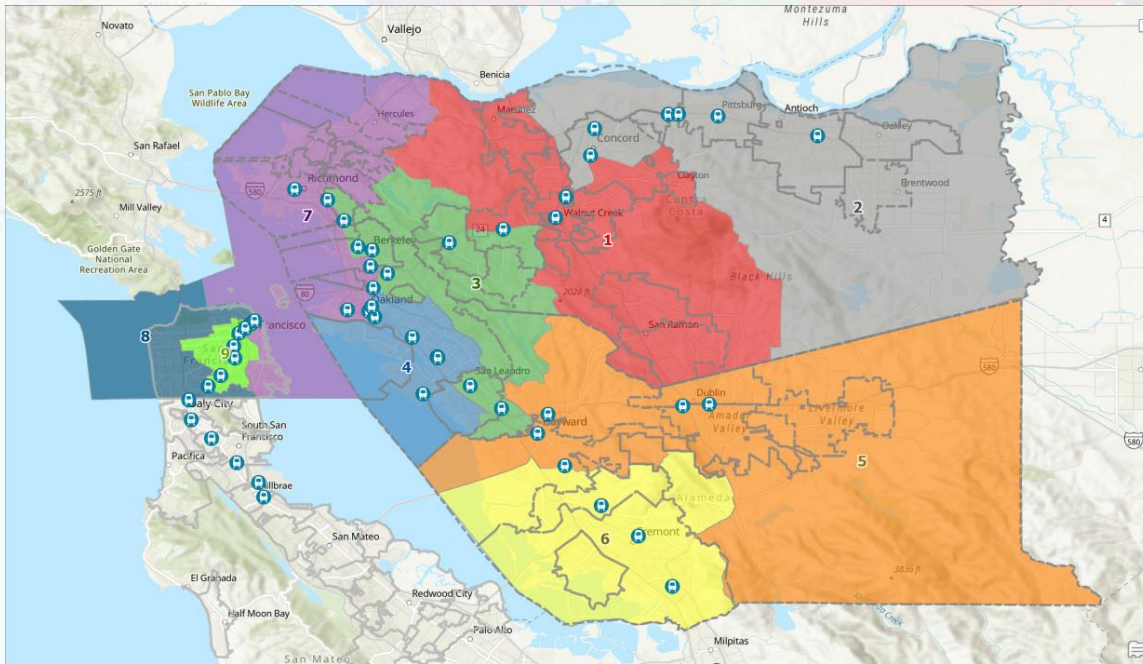
District Number (Plan A)	Total Pop	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian / Pac Islander	Hawaiian / Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	3,726,435	846,053	22.7%	1,269,436	34.1%	330,986	8.9%	26,480	0.7%	1,134,447	30.4%	26,270	0.7%	49,441	1.3%	43,322	1.2%
District 1	413,965	50,980	12.3%	247,689	59.8%	11,003	2.7%	3,909	0.9%	89,259	21.6%	1,410	0.3%	6,488	1.6%	3,227	0.8%
District 2	414,595	155,913	37.6%	125,143	30.2%	53,414	12.9%	4,515	1.1%	60,682	14.6%	4,115	1.0%	4,965	1.2%	5,848	1.4%
District 3	414,100	62,603	15.1%	187,281	45.2%	43,126	10.4%	2,957	0.7%	102,790	24.8%	1,460	0.4%	8,133	2.0%	5,750	1.4%
District 4	414,598	185,234	44.7%	52,944	12.8%	70,220	16.9%	2,330	0.6%	88,458	21.3%	6,203	1.5%	3,306	0.8%	5,903	1.4%
District 5	412,675	63,372	15.4%	161,018	39.0%	22,212	5.4%	3,538	0.9%	150,981	36.6%	2,008	0.5%	5,289	1.3%	4,257	1.0%
District 6	413,896	80,757	19.5%	63,718	15.4%	16,042	3.9%	1,991	0.5%	238,648	57.7%	4,799	1.2%	3,259	0.8%	4,682	1.1%
District 7	414,473	121,090	29.2%	102,157	24.6%	74,373	17.9%	2,688	0.6%	98,223	23.7%	3,464	0.8%	6,182	1.5%	6,296	1.5%
District 8	414,049	57,849	14.0%	133,293	32.2%	15,203	3.7%	1,634	0.4%	196,188	47.4%	1,537	0.4%	4,895	1.2%	3,450	0.8%
District 9	414,084	68,255	16.5%	196,193	47.4%	25,393	6.1%	2,918	0.7%	109,218	26.4%	1,274	0.3%	6,924	1.7%	3,909	0.9%

District Number (Plan A)	Total CVAP	Other	Other %	Asian	Asian %	Black	Black %	White	White %	Latino	Latino %
Total	2,491,699	34,608	1.4%	674,493	27.1%	258,919	10.4%	1,124,351	45.1%	399,328	16.0%
District 1	299,472	3,617	1.2%	45,775	15.3%	6,662	2.2%	215,392	71.9%	28,026	9.4%
District 2	256,980	5,096	2.0%	35,272	13.7%	36,571	14.2%	113,018	44.0%	67,023	26.1%
District 3	301,109	4,588	1.5%	65,845	21.9%	33,332	11.1%	163,132	54.2%	34,212	11.4%
District 4	239,643	3,774	1.6%	56,163	23.4%	57,674	24.1%	50,851	21.2%	71,181	29.7%
District 5	257,502	3,095	1.2%	63,047	24.5%	17,936	7.0%	143,514	55.7%	29,910	11.6%
District 6	257,039	3,688	1.4%	123,428	48.0%	15,301	6.0%	66,252	25.8%	48,370	18.8%
District 7	255,216	3,903	1.5%	61,899	24.3%	59,170	23.2%	84,145	33.0%	46,099	18.1%
District 8	322,244	2,945	0.9%	151,707	47.1%	13,131	4.1%	118,841	36.9%	35,620	11.1%
District 9	302,494	3,902	1.3%	71,357	23.6%	19,142	6.3%	169,206	55.9%	38,887	12.9%

Plan A : Geography

BART: Current Districts

BART: Plan A



Plan B: Overview

- Preserve district and station geography w/adjustments for population balance
- Protected classes more distributed, trend of lower percentages between districts
- District 6: Asian 57.8%, only ethnic majority
- No VRA district – District 6, Asian (48.3%)

Plan B: Overview

- Latino: District 2 (37.2%), District 4 (30.3%), District 7 (31.8%)
- Black: District 2 (12.9%), District 4 (18.5%), District 7 (18.8%)
- Asian: District 6 (57.8%), District 8 (43.1%)
- White: District 1 (55.3%) Only majority-white district
- CVAP: Three (3) majority-white districts

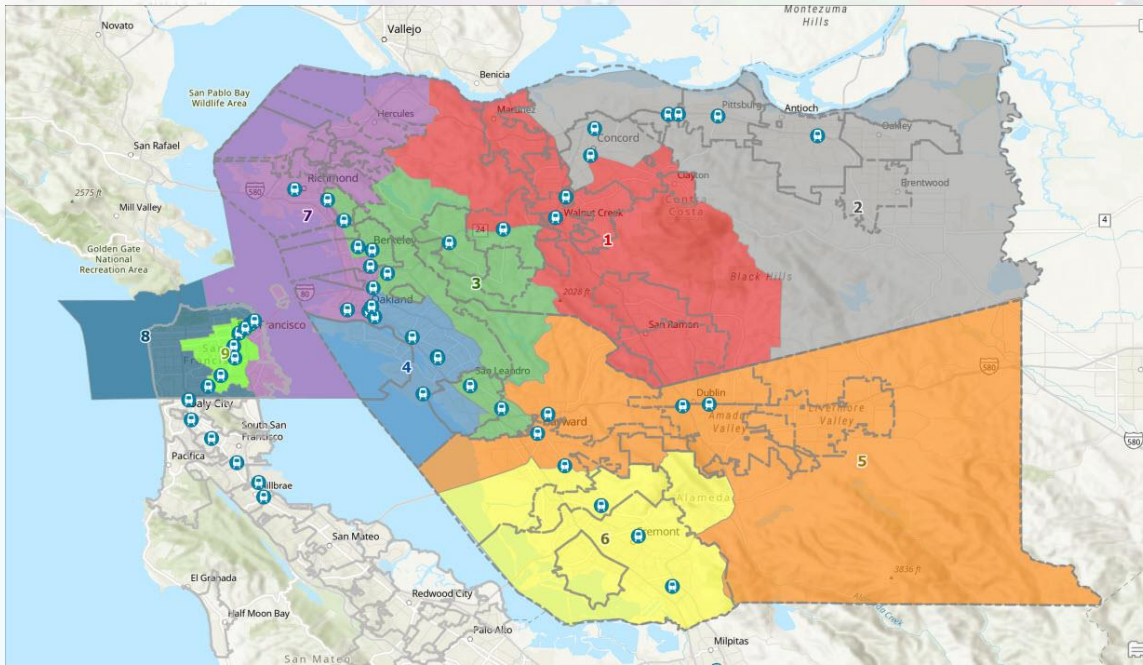
Plan B : Statistics

District Number (Plan B)	Total Pop	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian / Pac Islander	Hawaiian / Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	3,726,435	846,053	22.7%	1,269,436	34.1%	330,986	8.9%	26,480	0.7%	1,134,447	30.4%	26,270	0.7%	49,441	1.3%	43,322	1.2%
District 1	414,010	52,919	12.8%	229,032	55.3%	12,031	2.9%	3,719	0.9%	105,329	25.4%	1,433	0.3%	6,217	1.5%	3,330	0.8%
District 2	413,907	153,853	37.2%	126,738	30.6%	53,308	12.9%	4,535	1.1%	60,571	14.6%	4,101	1.0%	4,958	1.2%	5,843	1.4%
District 3	413,689	77,224	18.7%	182,737	44.2%	34,167	8.3%	2,747	0.7%	103,550	25.0%	2,174	0.5%	6,395	1.5%	4,695	1.1%
District 4	414,113	125,503	30.3%	96,883	23.4%	76,589	18.5%	2,686	0.6%	98,590	23.8%	3,120	0.8%	4,602	1.1%	6,140	1.5%
District 5	414,236	98,808	23.9%	140,226	33.9%	22,557	5.4%	3,357	0.8%	135,511	32.7%	4,339	1.0%	4,943	1.2%	4,495	1.1%
District 6	414,075	81,152	19.6%	63,477	15.3%	15,070	3.6%	2,042	0.5%	239,300	57.8%	5,058	1.2%	3,265	0.8%	4,711	1.1%
District 7	414,119	131,808	31.8%	93,594	22.6%	77,665	18.8%	2,800	0.7%	91,403	22.1%	3,139	0.8%	7,017	1.7%	6,693	1.6%
District 8	413,980	45,393	11.0%	164,308	39.7%	13,521	3.3%	1,749	0.4%	178,530	43.1%	1,477	0.4%	5,666	1.4%	3,336	0.8%
District 9	414,306	79,393	19.2%	172,441	41.6%	26,078	6.3%	2,845	0.7%	121,663	29.4%	1,429	0.3%	6,378	1.5%	4,079	1.0%

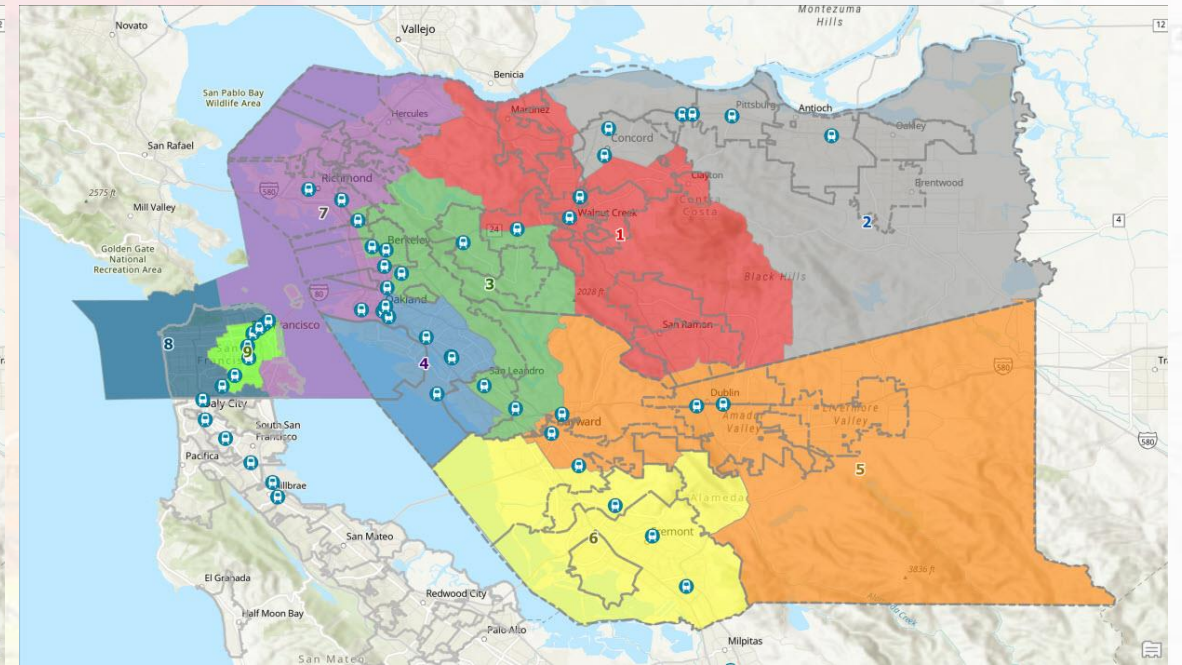
District Number (Plan B)	Total CVAP	Other	Other %	Asian	Asian %	Black	Black %	White	White %	Latino	Latino %
Total	2,491,699	34,608	1.4%	674,493	27.1%	258,919	10.4%	1,124,351	45.1%	399,328	16.0%
District 1	286,953	3,412	1.2%	49,708	17.3%	7,384	2.6%	198,783	69.3%	27,666	9.6%
District 2	257,698	5,204	2.0%	34,927	13.6%	36,381	14.1%	114,631	44.5%	66,555	25.8%
District 3	294,047	4,008	1.4%	63,804	21.7%	25,218	8.6%	161,693	55.0%	39,324	13.4%
District 4	261,942	3,474	1.3%	64,637	24.7%	64,981	24.8%	81,261	31.0%	47,589	18.2%
District 5	253,007	3,187	1.3%	60,284	23.8%	18,193	7.2%	127,740	50.5%	43,603	17.2%
District 6	256,941	3,841	1.5%	124,095	48.3%	14,320	5.6%	66,213	25.8%	48,472	18.9%
District 7	256,832	4,453	1.7%	58,058	22.6%	61,408	23.9%	80,801	31.5%	52,112	20.3%
District 8	327,773	2,972	0.9%	139,053	42.4%	11,291	3.4%	145,167	44.3%	29,290	8.9%
District 9	296,506	4,057	1.4%	79,927	27.0%	19,743	6.7%	148,062	49.9%	44,717	15.1%

Plan B : Geography

BART: Current Districts



BART: Plan B



Plan C : Overview

- Focus on riders, stations via destination analytics
- Anchor locations: Schools/colleges, public/social services and institutions
- District 6: Asian 57.6%, only ethnic majority
- No VRA district – District 6, Asian (48.0%)

Plan C : Overview

- Latino: District 2 (34.8%), District 4 (29.8%), District 5 (26.5%), District 7 (31.5%)
- Black: District 2 (12.7%), District 4 (19.1%), District 7 (18.3%)
- Asian: District 6 (57.6%), District 8 (47.0%)
- White: District 1 (55.3%) Only majority-white district
- CVAP: Three (3) majority-white districts + two at 47-49%

Plan C : Statistics

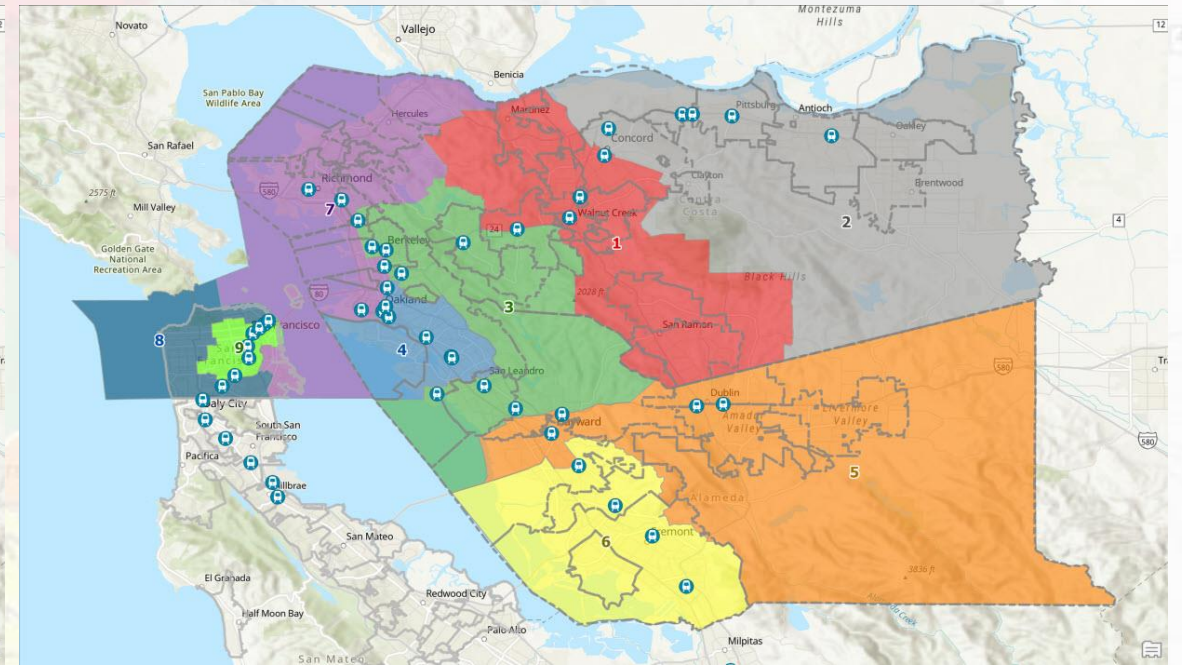
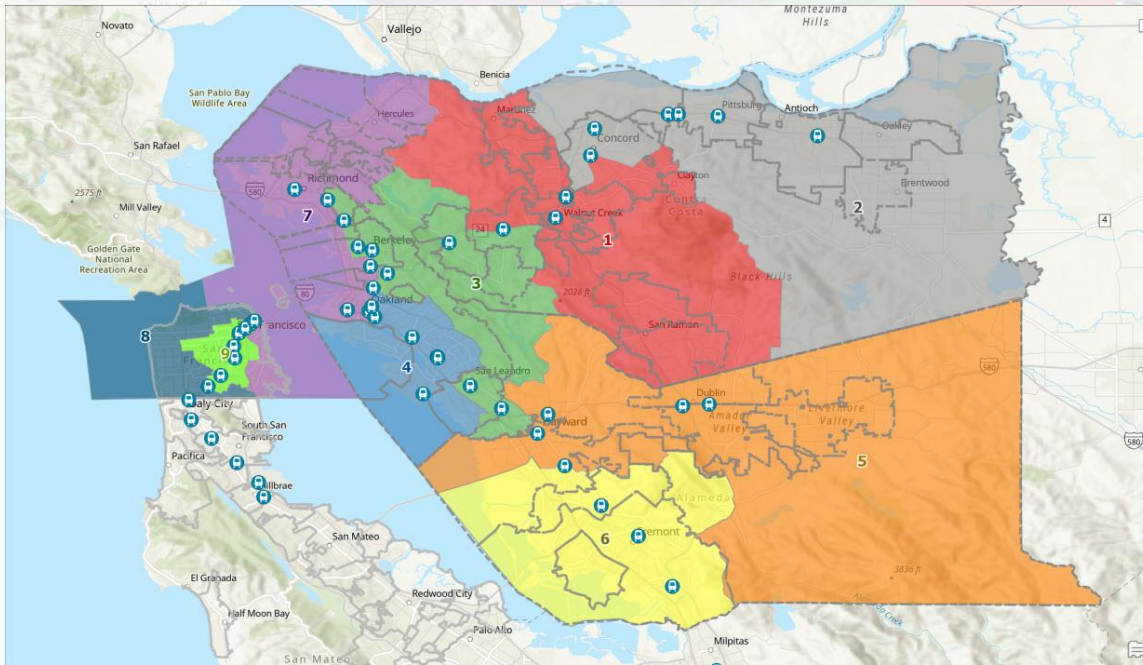
District Number (Plan C)	Total Pop	Latino	Latino %	White	White %	Black	Black %	Native American	Native American %	Asian	Asian %	Hawaiian / Pac Islander	Hawaiian / Pac Islander %	Other	Other %	Two or More Races	Two or More Races %
Total	3,726,435	846,053	22.7%	1,269,436	34.1%	330,986	8.9%	26,480	0.7%	1,134,447	30.4%	26,270	0.7%	49,441	1.3%	43,322	1.2%
District 1	414,067	63,286	15.3%	214,689	51.8%	12,921	3.1%	3,613	0.9%	108,455	26.2%	1,514	0.4%	6,206	1.5%	3,383	0.8%
District 2	414,070	144,225	34.8%	137,562	33.2%	52,510	12.7%	4,695	1.1%	60,191	14.5%	4,041	1.0%	4,996	1.2%	5,850	1.4%
District 3	413,957	68,108	16.5%	186,137	45.0%	31,802	7.7%	2,695	0.7%	112,542	27.2%	1,927	0.5%	6,361	1.5%	4,385	1.1%
District 4	413,944	123,368	29.8%	104,449	25.2%	78,876	19.1%	2,766	0.7%	90,299	21.8%	3,012	0.7%	4,908	1.2%	6,266	1.5%
District 5	414,250	109,598	26.5%	132,476	32.0%	22,375	5.4%	3,334	0.8%	132,191	31.9%	4,926	1.2%	4,688	1.1%	4,662	1.1%
District 6	414,007	80,836	19.5%	63,727	15.4%	16,044	3.9%	1,991	0.5%	238,658	57.6%	4,806	1.2%	3,259	0.8%	4,686	1.1%
District 7	414,046	130,548	31.5%	100,919	24.4%	75,864	18.3%	2,837	0.7%	86,709	20.9%	3,233	0.8%	7,205	1.7%	6,731	1.6%
District 8	414,057	57,475	13.9%	135,377	32.7%	15,070	3.6%	1,613	0.4%	194,808	47.0%	1,508	0.4%	4,810	1.2%	3,396	0.8%
District 9	414,037	68,609	16.6%	194,100	46.9%	25,524	6.2%	2,936	0.7%	110,594	26.7%	1,303	0.3%	7,008	1.7%	3,963	1.0%

District Number (Plan C)	Total CVAP	Other	Other %	Asian	Asian %	Black	Black %	White	White %	Latino	Latino %
Total	2,491,699	34,608	1.4%	674,493	27.1%	258,919	10.4%	1,124,351	45.1%	399,328	16.0%
District 1	275,403	3,265	1.2%	50,906	18.5%	8,620	3.1%	182,950	66.4%	29,662	10.8%
District 2	266,360	5,382	2.0%	34,253	12.9%	35,434	13.3%	126,277	47.4%	65,014	24.4%
District 3	297,744	3,810	1.3%	68,893	23.1%	24,455	8.2%	165,936	55.7%	34,650	11.6%
District 4	262,476	3,696	1.4%	59,624	22.7%	66,217	25.2%	87,058	33.2%	45,881	17.5%
District 5	252,263	3,307	1.3%	60,197	23.9%	17,383	6.9%	121,810	48.3%	49,566	19.6%
District 6	257,086	3,688	1.4%	123,438	48.0%	15,302	6.0%	66,258	25.8%	48,400	18.8%
District 7	255,654	4,613	1.8%	54,124	21.2%	59,235	23.2%	86,024	33.6%	51,658	20.2%
District 8	322,943	2,887	0.9%	150,574	46.6%	13,263	4.1%	121,228	37.5%	34,991	10.8%
District 9	301,770	3,960	1.3%	72,484	24.0%	19,010	6.3%	166,810	55.3%	39,506	13.1%

Plan C : Geography

BART: Current Districts

BART: Plan C



Registered Voter Comparison, District 4

Plan A

	Reg. Voters	Pct Reg. Voters	Reg. Latino	Latino %	Reg. Asian	Asian %		Latino %	Asian %
Total	199,991	100.0%	56,096	100.0%	30,475	100.0%		28.0%	15.2%
District 3	66,553	33.3%	19,037	33.9%	12,380	40.6%		28.6%	18.6%
District 4	95,411	47.7%	23,555	42.0%	11,062	36.3%		24.7%	11.6%
District 5	38,026	19.0%	13,504	24.1%	7,033	23.1%		35.5%	18.5%

Plan B

Total	233,311	100.0%	37,328	100.0%	37,348	100.0%		16.0%	16.0%
District 3	660	0.3%	155	0.4%	200	0.5%		23.5%	30.3%
District 4	232,651	99.7%	37,173	99.6%	37,148	99.5%		16.0%	16.0%

Plan C

Total	236,919	100.0%	35,661	100.0%	34,450	100.0%		15.1%	14.5%
District 3	15,227	6.4%	1,694	4.8%	1,607	4.7%		11.1%	10.6%
District 4	220,798	93.2%	33,912	95.1%	32,714	95.0%		15.4%	14.8%
District 7	894	0.4%	55	0.2%	129	0.4%		6.2%	14.4%

Technology Tools

- Interactive mapping tool enables public input for districts and communities of interest
- Geo CIM (Community Input Map) – lightweight, survey-based tool for submitting communities of interest
- BART Districts and Demographic Data web map
- BART Redistricting Dashboard

Redistricting Info

- [BART.gov](https://www.bart.gov) website
- Redistricting link on the main page
- Links to redistricting information and technology tools



