Redistricting Plan 6
Mark Preston

County of Santa Barbara
Redistricting 2011
Proposal Assessment Summary

Name of Proposal: MPR

Organization or Individual: Mark Preston

Mandatory Criteria

M-1: Equal District Population

District	Plan Results	Target	% Deviation
1	84,255	84,779	-0.62%
2	84,700	84,779	-0.09%
3	85,123	84,779	0.41%
4	84,874	84,779	0.11%
5	84,943	84,779	0.19%
Average % Deviation:			0.28%

M-2: VRA Compliance I - Total Population

District	% Hispanic	2010 Existing	% Change
1	39.81%	42.69%	-2.88%
2	26.90%	25.14%	1.76%
3	28.59%	26.13%	2.46%
4	44.48%	43.76%	0.72%
5	74.49%	70.03%	4.46%
Average	42.85%	41.55%	2.46%

M-3: VRA Compliance II - Voting Age Population

District	% Hispanic	2010 Existing	% Change
1	34.66%	37.14%	-2.48%
2	23.76%	22.23%	1.53%
3	25.46%	23.75%	1.71%
4	38.29%	37.53%	0.76%
5	68.53%	63.90%	4.63%
Average	38.14%	36.91%	2.22%

Permissive Criteria/Other Information

P-1: Contiguity of all District Boundaries

Yes/No:	Yes

P-2 Maximum % Population Deviation between Districts

Percentage (highest/lowest):	1.03%

P-3: % of 8 Cities represented by more than one District

Percentage	50.0%

O-1: Population Moving In/Out

District	Population Added	Population Subtracted	% Change
1	8,349		11.00%
2	11,351	8,349	24.11%
3	14,526	11,351	31.58%
4	16,588	14,526	37.57%
5		16,588	16.34%

O-2: Voting age population w/6 years to District elections

From District	Moving to D2	Moving to D5	
1			
3	8,817		
4			

O-3: Population in Unincorporated Territory

District	Proposed Plan Unincorporated Population	2010 Existing Unincorporated Population	% Change
1	16,133	16,131	0.01%
2	30,343	30,259	0.28%
3	47,681	47,733	-0.11%
4	37,048	36,812	0.64%
5	2,212	2,482	-10.88%

County of Santa Barbara
Redistricting 2011
Proposal Submittal Form

Name: Mark Preston	
Organization (if none, designate "Self"): **SELF**	
Name of Proposal being submitted: MRP	

Briefly describe your plan:

Based on the goals below, my plan is pure mathematics. I constructed an EXCEL spreadsheet, and crunched the numbers. The spreadsheet is attached. I established the variances to 84,779, and developed a logical sequence of movement from 5 to 4, 2 to 1, 3 to 2, 4 to 3.

The sequence was important to maintaining minimum movement of voters from one district to another. I made every reasonable effort to maintain historical context and coherent shapes and contours.

It was impossible to hit the numbers exactly due to the odd size and shape of the census blocks. I have been a Planner and Logistics Manager for 30 year in the private sector. My policy and experience is to keep it simple whenever possible.

Briefly describe the goals of your plan: (example: keep rural areas together, keep a city in a specific district, etc.)

The 2008 and 2010 Voters First redistricting initiatives passed by the voters laid out new rules and new criteria for redistricting at the state level. My attempt was to reflect, at the County level, the "spirit" of these initiatives approved by the Voters of Calfornia. Prop 27 in 2010 (to eliminate Citizens Redistricting Commission) failed by 63% NO TO 37% YES in Santa Barbara County. I hope we all got the message.

My goal was to logically move the minimum number of people. My focus was on the math, and I avoided political considerations. Though problematic in such a diverse population, I kept an eye to Communities of Interest, Contiguity, Compactness, Geography, and Historical Context.

What is the population of each district in your plan?

1st: 84,252	2nd: 84,703	3d: 85,123
4th: 84,874	5th: 84,943	

I hereby acknowledge that by submitting this plan and any related information for consideration, the plan and any related information will be considered a public record subject to disclosure to any member of the public.

Signature: Mark Preston June 12, 2011

Submit this form with your complete plan by June 17, 2011 at 5:00PM to the County Executive Office.

District Summary

MRPdraft1 6/20/2011 District Count: 5

Maximum Deviation:	868	1.02%
Average Deviation:	241	0.28%
Minimum Count:	84,255	
Maximum Count:	85,123	
Total Count:	423,895	

Deviation From Optimum

District	Proposed	Optimum	Deviation	As % of Optimum
1	84,255	84,779	-524	-0.62%

Demographic	Count	% of Total	Demographic	Count	% of Total	Demographic	Count	% of 18+	Demographic	Count	% of 18+
TOTAL:	84,255	100.00%				TOTAL18:	67,738	100.00%			
WHT:	63,804	75.73%	NHWHT:	45,822	54.38%	WHT18:	52,823	77.98%	NHWHT18:	40,188	59.33%
BLK:	1,120	1.33%	NHBLK:	902	1.07%	BLK18:	953	1.41%	NHBLK18:	815	1.20%
AIAN:	859	1.02%	NHAIAN:	296	0.35%	AIAN18:	658	0.97%	NHAIAN18:	238	0.35%
ASIAN:	2,181	2.59%	NHASIAN:	2,065	2.45%	ASIAN18:	1,932	2.85%	NHASIN18:	1,847	2.73%
NHOPI:	106	0.13%	NHNHOPI:	86	0.10%	NHOPI18:	90	0.13%	NHNHOP18:	77	0.11%
OTHER:	13,077	15.52%	NHOTHER:	163	0.19%	OTHER18:	9,160	13.52%	NHOTHR18:	122	0.18%
P2MRACE:	3,108	3.69%	NHP2MRCE:	1,379	1.64%	P2MRCE18:	2,122	3.13%	NHP2RC18:	976	1.44%
HISP:	33,542	39.81%				HISP18:	23,475	34.66%			
NHISP:	50,713	60.19%				NHISP18:	44,263	65.34%			

District	Proposed	Optimum	Deviation	As % of Optimum
2	84,700	84,779	-79	-0.09%

Demographic	Count	% of Total	Demographic	Count	% of Total	Demographic	Count	% of 18+	Demographic	Count	% of 18+
TOTAL:	84,700	100.00%				TOTAL18:	68,803	100.00%			
WHT:	65,879	77.78%	NHWHT:	53,868	63.60%	WHT18:	54,836	79.70%	NHWHT18:	46,097	67.00%
BLK:	1,142	1.35%	NHBLK:	1,000	1.18%	BLK18:	943	1.37%	NHBLK18:	855	1.24%
AIAN:	696	0.82%	NHAIAN:	267	0.32%	AIAN18:	548	0.80%	NHAIAN18:	242	0.35%
ASIAN:	4,702	5.55%	NHASIAN:	4,617	5.45%	ASIAN18:	3,985	5.79%	NHASIN18:	3,922	5.70%
NHOPI:	115	0.14%	NHNHOPI:	94	0.11%	NHOPI18:	99	0.14%	NHNHOP18:	83	0.12%
OTHER:	8,936	10.55%	NHOTHER:	185	0.22%	OTHER18:	6,407	9.31%	NHOTHR18:	129	0.19%
P2MRACE:	3,230	3.81%	NHP2MRCE:	1,885	2.23%	P2MRCE18:	1,985	2.89%	NHP2RC18:	1,128	1.64%
HISP:	22,784	26.90%				HISP18:	16,347	23.76%			
NHISP:	61,916	73.10%				NHISP18:	52,456	76.24%			

District	Proposed	Optimum	Deviation	As % of Optimum
3	85,123	84,779	344	0.41%

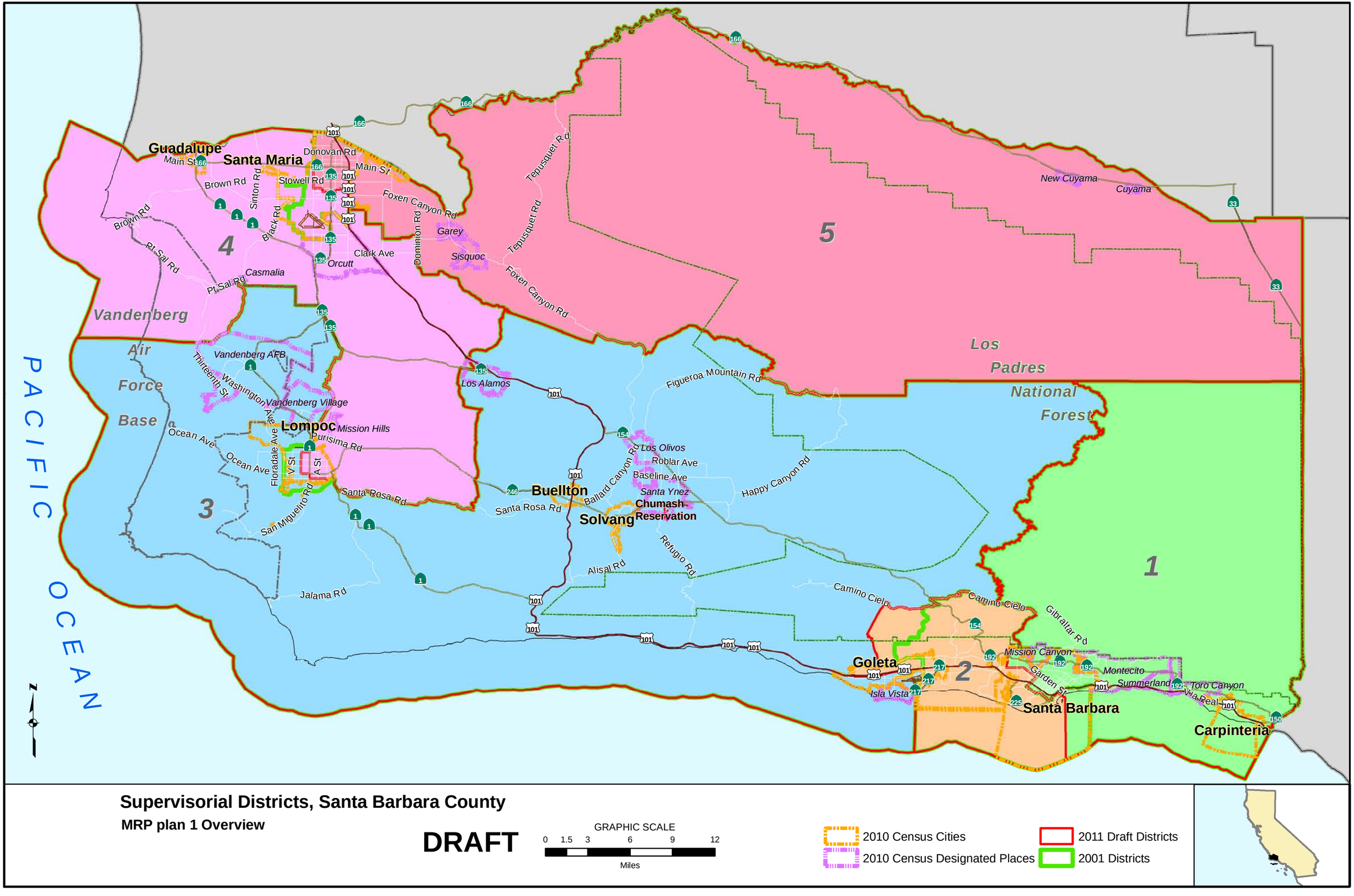
Demographic	Count	% of Total	Demographic	Count	% of Total	Demographic	Count	% of 18+	Demographic	Count	% of 18+
TOTAL:	85,123	100.00%				TOTAL18:	70,197	100.00%			
WHT:	60,446	71.01%	NHWHT:	48,303	56.74%	WHT18:	50,559	72.02%	NHWHT18:	41,695	59.40%
BLK:	2,888	3.39%	NHBLK:	2,645	3.11%	BLK18:	2,483	3.54%	NHBLK18:	2,316	3.30%
AIAN:	1,046	1.23%	NHAIAN:	496	0.58%	AIAN18:	820	1.17%	NHAIAN18:	417	0.59%
ASIAN:	6,350	7.46%	NHASIAN:	6,185	7.27%	ASIAN18:	5,733	8.17%	NHASIN18:	5,603	7.98%
NHOPI:	276	0.32%	NHNHOPI:	243	0.29%	NHOPI18:	236	0.34%	NHNHOP18:	209	0.30%
OTHER:	9,667	11.36%	NHOTHER:	206	0.24%	OTHER18:	7,319	10.43%	NHOTHR18:	164	0.23%
P2MRACE:	4,450	5.23%	NHP2MRCE:	2,708	3.18%	P2MRCE18:	3,047	4.34%	NHP2RC18:	1,918	2.73%
HISP:	24,337	28.59%				HISP18:	17,875	25.46%			
NHISP:	60,786	71.41%				NHISP18:	52,322	74.54%			

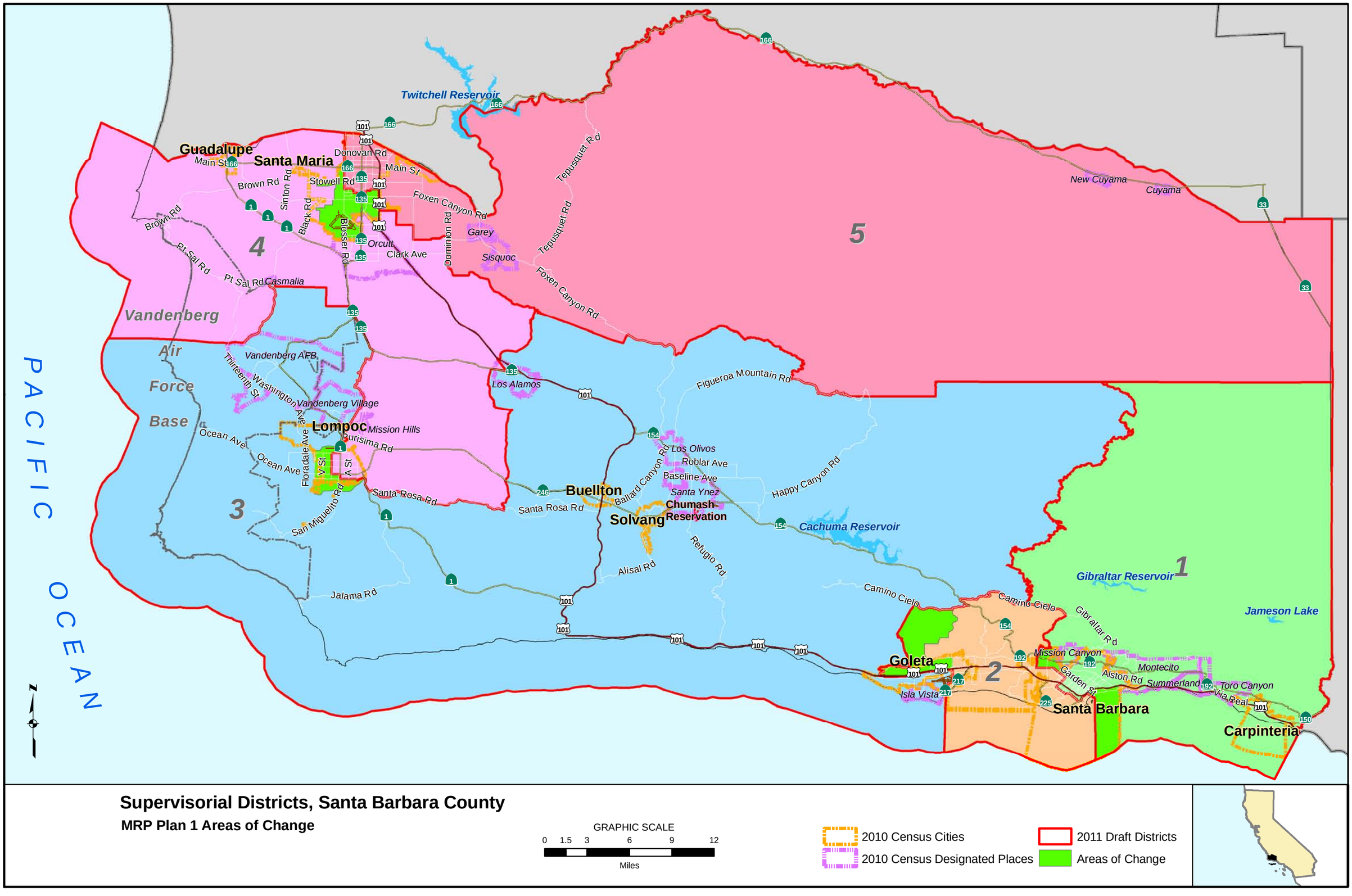
District	Proposed	Optimum	Deviation	As % of Optimum
4	84,874	84,779	95	0.11%

Demographic	Count	% of Total	Demographic	Count	% of Total	Demographic	Count	% of 18+	Demographic	Count	% of 18+
TOTAL:	84,874	100.00%				TOTAL18:	61,283	100.00%			
WHT:	58,171	68.54%	NHWHT:	39,073	46.04%	WHT18:	44,019	71.83%	NHWHT18:	31,974	52.17%
BLK:	2,102	2.48%	NHBLK:	1,826	2.15%	BLK18:	1,521	2.48%	NHBLK18:	1,378	2.25%
AIAN:	1,220	1.44%	NHAIAN:	482	0.57%	AIAN18:	856	1.40%	NHAIAN18:	376	0.61%
ASIAN:	3,888	4.58%	NHASIAN:	3,488	4.11%	ASIAN18:	3,019	4.93%	NHASIN18:	2,780	4.54%
NHOPI:	197	0.23%	NHNHOPI:	162	0.19%	NHOPI18:	142	0.23%	NHNHOP18:	121	0.20%
OTHER:	14,951	17.62%	NHOTHER:	110	0.13%	OTHER18:	9,478	15.47%	NHOTHR18:	71	0.12%
P2MRACE:	4,345	5.12%	NHP2MRCE:	1,983	2.34%	P2MRCE18:	2,248	3.67%	NHP2RC18:	1,120	1.83%
HISP:	37,750	44.48%				HISP18:	23,463	38.29%			
NHISP:	47,124	55.52%				NHISP18:	37,820	61.71%			

District	Proposed	Optimum	Deviation	As % of Optimum
5	84,943	84,779	164	0.19%

Demographic	Count	% of Total	Demographic	Count	% of Total	Demographic	Count	% of 18+	Demographic	Count	% of 18+
TOTAL:	84,943	100.00%				TOTAL18:	57,827	100.00%			
WHT:	46,824	55.12%	NHWHT:	16,056	18.90%	WHT18:	33,167	57.36%	NHWHT18:	13,885	24.01%
BLK:	1,261	1.48%	NHBLK:	869	1.02%	BLK18:	909	1.57%	NHBLK18:	691	1.19%
AIAN:	1,664	1.96%	NHAIAN:	302	0.36%	AIAN18:	1,090	1.88%	NHAIAN18:	231	0.40%
ASIAN:	3,544	4.17%	NHASIAN:	3,236	3.81%	ASIAN18:	2,769	4.79%	NHASIN18:	2,595	4.49%
NHOPI:	112	0.13%	NHNHOPI:	95	0.11%	NHOPI18:	78	0.13%	NHNHOP18:	71	0.12%
OTHER:	27,229	32.06%	NHOTHER:	126	0.15%	OTHER18:	17,147	29.65%	NHOTHR18:	78	0.13%
P2MRACE:	4,309	5.07%	NHP2MRCE:	985	1.16%	P2MRCE18:	2,667	4.61%	NHP2RC18:	647	1.12%
HISP:	63,274	74.49%				HISP18:	39,629	68.53%			
NHISP:	21,669	25.51%				NHISP18:	18,198	31.47%			


PACIFIC OCEAN
Guadalupe
Santa Maria
Lompoc
Buellton
Solvang
Goleta
Santa Barbara
Carpinteria
Vandenberg Air Force Base
Los Padres National Forest
Chumash Reservation
Vandenberg Village
Mission Hills
Orcutt
Casmalia
Vandenberg AFB
Los Alamos
Los Olivos
Garey
Sisquoc
New Cuyama
Cuyama
Isla Vista
Montecito
Summerland
Toro Canyon
Mission Canyon
Main St
Donovan Rd
Stowell Rd
Brown Rd
Sinton Rd
Black Rd
Foxen Canyon Rd
Dominion Rd
Tepusquet Rd
Clark Ave
Pt Sal Rd
Thirteenth St
Washington Ave
Purisima Rd
Ocean Ave
Floradale Ave
V St
A St
San Miguelito Rd
Santa Rosa Rd
Jalama Rd
Alisal Rd
Refugio Rd
Ballard Canyon Rd
Roblar Ave
Baseline Ave
Santa Ynez
Happy Canyon Rd
Figueroa Mountain Rd
Camino Cielo
Gibraltar Rd
Garden St
Via Real
1
2
3
4
5
Supervisorial Districts, Santa Barbara County
MRP plan 1 Overview
DRAFT
GRAPHIC SCALE
0 1.5 3 6 9 12
Miles
2010 Census Cities
2010 Census Designated Places
2011 Draft Districts
2001 Districts



Supervisorial Districts, Santa Barbara County

MRP Plan 1 Areas of Change

GRAPHIC SCALE

0 1.5 3 6 9 12

Miles

- 2010 Census Cities
- 2010 Census Designated Places
- 2011 Draft Districts
- Areas of Change