



REPORT TO

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City of Sacramento Sacramento Redistricting Citizens Advisory Committee

915 I Street, Sacramento, CA 95814-2671

[www. CityofSacramento.org](http://www.CityofSacramento.org)

Staff Presentation/Information

May 2, 2011

Members of the Sacramento Redistricting Citizens Advisory Committee

Title: Redistricting Software Tools, Data and Plan Submission Process, and Demonstration

Location/Council District: Citywide

Recommendation: Receive and file

Contact: Maria MacGunigal, IT Manager, (916) 808-7998, Information Technology Department

Presenters: Maria MacGunigal, IT Manager and Carlos Porras, GIS Specialist

Department: Information Technology

Organization No: 07001031

Background: At its January 18, 2011, meeting, the City Council approved a community participation process for redistricting that included the development of software tools and data to help interested parties understand, develop, and submit district proposals.

2010 US Census data shows the total population for the City of Sacramento at 466,488. The target population to create balanced population totals for each of the 8 Council districts is 58,311. There is a wide variance in population between the existing Council District boundaries and the target population.

2011 City of Sacramento Redistricting Process Population Comparison: 2000 to 2010					
Council District	2000 Census Pop	2010 Census Pop*	Difference	% Change	% Variance**
1	47,670	106,729	59,059	123.9	83.0
2	51,800	52,975	1,175	2.3	-9.2
3	51,087	50,645	-442	-0.9	-13.1
4	47,807	45,703	-2,104	-4.4	-21.6
5	50,233	46,514	-3,719	-7.4	-20.2
6	50,542	49,879	-663	-1.3	-14.5
7	53,824	52,585	-1,239	-2.3	-9.8
8	54,055	61,458	7,403	13.7	5.4
Citywide	407,018	466,488	59,470		
Target Mean	58,311				
*Source: 2010 US Census Blocks					
**Deviation from target mean					

Given the large variance in population, there will need to be substantive changes to existing Council District boundaries.

To assist the community in developing and submitting redistricting plans staff, in partnership with a software vendor, has developed, free to the public, online tools and resources. The online tools allow users to interactively redraw boundaries, share plans with others, create reports, and submit plans.

The online tools, training materials, and detailed information about redistricting can be found on the City's website www.cityofsacramento.org/redistricting.

Tools & Resources

The primary tool for users to develop a redistricting plan is the internet based application City of Sacramento Redistricting Online. This application was developed to be easily accessible and available to owners of both PC and Mac computers. This tool is an interactive and dynamic map containing city streets, neighborhoods, parks, and aerial photography, in addition to 2010 Census Block level geography for population and race. The application allows users to choose from a number of selection tools to determine which Census blocks to assign to existing council districts. Navigation tools in the application allow users to zoom and pan within the council districts when choosing block data assignments.

In addition to the redistricting application, the redistricting webpage contains a number of historical council district maps and historical population figures. There is a Resource page with links to various redistricting guides and informational publications.

Collaboration

Collaborating and partnerships are encouraged in the redistricting process. In order to facilitate this, the Redistricting Online tool provides the means to participate in online groups and share versions of plans between group members. Users have the option to work individually or make their plans available to anyone with an active user account on

the application. Plans that are shared with other users are read-only, preserving the original work completed by the user. Users can also mark-up plans with comments and drawing features to help guide partners with areas of interests or issues to review.

Reports

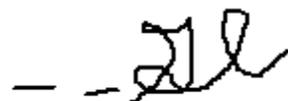
The Redistricting Online application is loaded with options to visually monitor changes to council districts. Users can choose from a number of tables and charts identifying the distribution of population and race/ethnicity within council districts. There are also preformatted reports available to display population, race/ethnicity, and deviation results for saved plans.

Plan Submissions

Plans developed using the City's redistricting software tools can be submitted using the online tool. Users are provided an opportunity to input relevant information regarding collaborators, plan objectives, and additional descriptive information.

When the submitter has finished the plan submission process, the plan is then locked and formally submitted to the City. Individuals will receive an email confirmation of the submission. All submitted plans will be packaged and delivered on the City's redistricting website for the public, Citizens Advisory Committee, and the Council after the submission date has closed. Key information and reports about user submitted plans will be compiled and packaged in a user friendly format for printing or online use. See attachment A. Attachment A is only a sample and represents the current council district configuration with the 2011 Census data and is not intended to reflect a proposal.

Respectfully Submitted by:



Maria MacGunigal, IT Manager

PLAN-SR000

Plan_submission_2011_4_18_1132_SR000.txt

Plan submitted on Mon Apr 18 11:32:46 GMT-0700 2011

Contact Information

Name: Sac GIS - can be any name entered by user(s)
Username: sacgis
Email address: sacgis@cityofsacramento.org
Partners: Partners/Collaborators will go here...

Plan Information

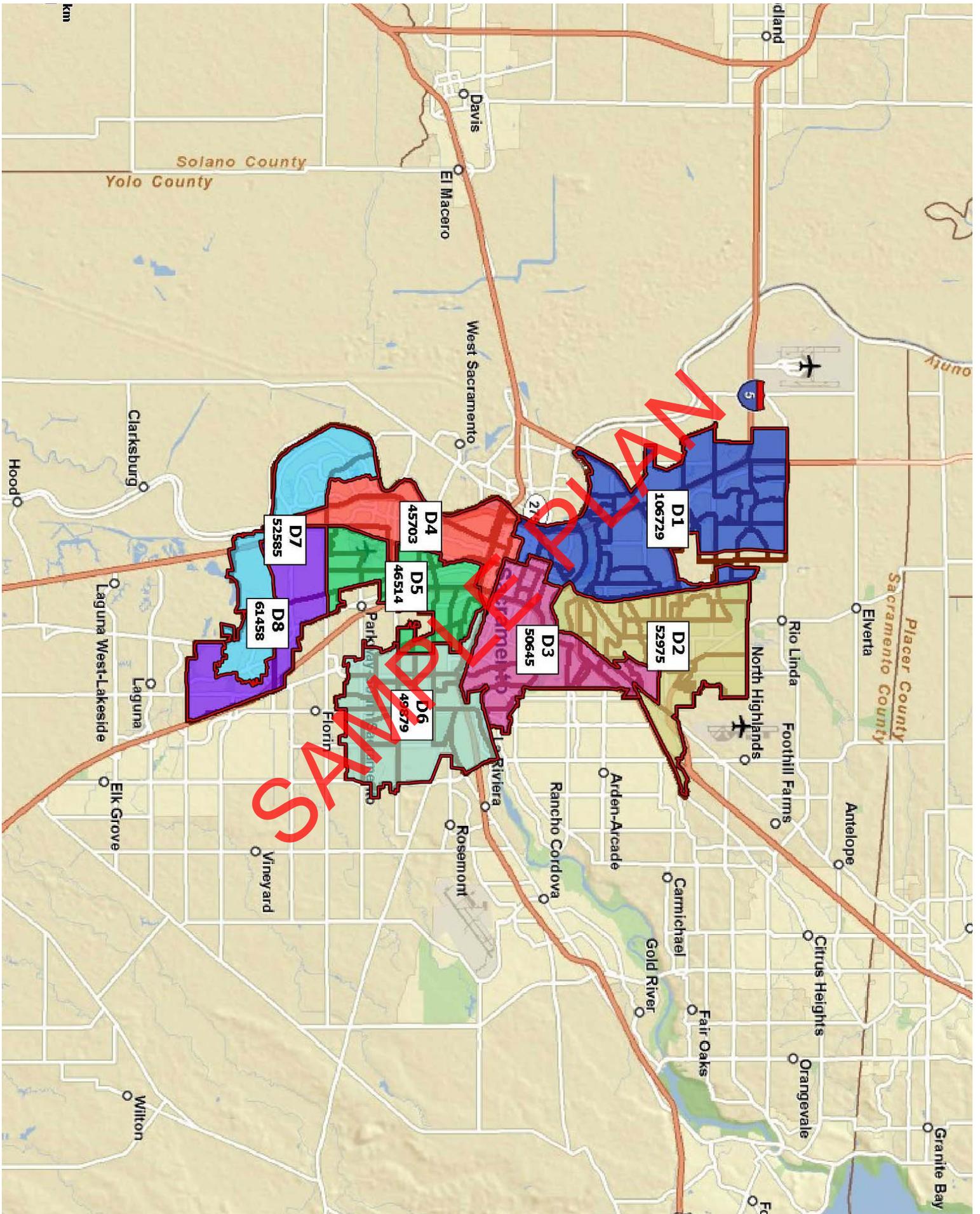
Plan name: ExistingCDBoundaries (can be any name, defaults to saved name)
Description: This is just a copy of the default plan that shows existing council district configurations with 2010 Census Blocks.

Plan Justification

This is just a copy of the default plan that shows existing council district configurations with 2010 Census Blocks. For illustration purposes.

SAMPLE PLAN

PLAN-SR000



PLAN-SR000

User: cporras

Date: Mon Apr 18 11:37:39 GMT-0700 2011

Plan: ExistingCDBoundaries

Population Summary Report

District No.	Total Population	Deviation	Deviation (%)	Total Hispanic (%)	White (%)	Black (%)	American Indian/Alaskan Native (%)	Asian (%)	Hawaiian or Other Pacific Islander (%)	Other (%)	Two or more races (%)
1	106,729	48,418	83.03	27.08	45.26	15.28	1.05	17.73	1.08	11.87	7.73
2	52,975	-5,336	-9.15	34.34	39.54	16.31	1.50	15.78	2.05	17.74	7.08
3	50,645	-7,666	-13.15	17.55	75.67	5.21	1.05	6.16	0.41	6.11	5.38
4	45,703	-12,608	-21.62	17.75	55.97	10.24	1.08	18.73	0.62	6.48	6.87
5	46,514	-11,797	-20.23	34.64	44.46	16.49	1.70	12.18	1.15	16.61	7.41
6	49,879	-8,432	-14.46	29.97	47.12	8.71	1.23	21.29	0.86	14.37	6.41
7	52,585	-5,726	-9.82	22.02	34.41	18.20	0.76	27.36	1.86	9.94	7.47
8	61,458	3,147	5.40	30.17	23.71	23.56	0.88	25.81	3.23	15.18	7.63

Total Population:	466,488
Ideal Population:	58,311
Mean Deviation:	12,891
Mean Percent Deviation:	22.11
Largest Positive Deviation:	48,418
Largest Negative Deviation:	-12,608
Overall Range in Deviation:	61,026
Overall Range in Deviation Percentage:	104.66

SAMPLE PLAN