



User Guide for the Chief Probation Officers of California Data Dashboard: Resource Tabs

I. Introduction

This guide will help users understand and customize the data presented in the Chief Probation Officers of California (CPOC) Survey's online dashboard. The dashboard was designed to allow users to easily access summary information (based on CPOC survey responses and data from other, publicly available data sources) at the state, regional, and county levels.

The CPOC Survey

The CPOC survey was developed in 2008 as a means to collect uniform information across California's probation departments.¹ In June 2013, the survey was revised to include questions related to the state's Realignment initiative, as well as key areas of probation such as population census.

The survey covers adult services and juvenile services/institutions. Both sections are divided into eight subsections that request information on specific aspects of adult and juvenile probation. It requests two different types of information on counts in the adult and juvenile systems: a) events occurring during the last fiscal year; and b) one-day population snapshots which serve as point in time counts.²

The online dashboard summarizes data from 58 California's counties.³ It presents the information gathered from the survey across the seven tabs, along with an explanation of the CPOC survey variables.

Resources from other Public Datasets

The online dashboard also includes resources from other public datasets such as county population projections, crime rates, arrests rates, and jails.

- 40-year County Population Projections⁴: Published by the California Department of Finance Demography Unit, these adult and juvenile projections estimate the 40-year county population broken out by age and race. The juvenile tab highlights age brackets up through transition age youth (18-24). The adult tab does the same starting with transition age youth up to ages 65 and above. These estimates are a good reference point for estimating programming or county facility needs.

¹ The survey has been administered annually since 2013 in its current form.

² Fiscal year is defined as July 1 through June 30 and point in time estimates occur on the last day of the fiscal year (June 30, 2015).

³ Three counties did not respond to the CPOC survey.

⁴ <http://www.dof.ca.gov/Forecasting/Demographics/Estimates/e-1/>

- Crime⁵: Published by the California Department of Justice, this tab shows historic crime rates by property or violent groupings.
- Arrests⁶: Published by the California Department of Justice, this tab shows historic arrest rates by crime type, as well as severity.
- Jails⁷: Collected from County Sheriff's by the Board of State and Community Corrections, this tab shows county jail populations over time, as well as rates of sentenced vs. those going through the court process and ratio of inmates in custody by crime severity (Felony vs. Misdemeanor).

The remainder of this guide walks users through the information presented in the resource tabs and how to customize the data to your preference. The guide is broken down into five sections, including: Adult County Population Forecast, Juvenile County Population Forecast, County Crime Data, County Arrest Data, and County Jail Data.⁸

Icons and Usability

Tabs

Data is generally divided into tabs that users can scrolled through:



Sorting

The symbol with three stacked bars indicates that the user can sort the column. Charts with 1 column will have this as a default, those with two columns will require hovering over the column title to customize the way data is presented.

Filtering by Region or Size

Users can filter by geographic region and county population size. The default is “All” counties which means no filter is applied (e.g. all counties are shown). The filters can be used together, so a combination of the “Northern” region and “Medium” sized counties would show values for 4 counties. When both filters are set to “All”, the charts will show all counties state.

Region
Size

⁵ <https://oag.ca.gov/crime/cjsc/stats/crimes-clearances>

⁶ <https://oag.ca.gov/crime/cjsc/stats/arrest-dispositions>

⁷ http://www.bscc.ca.gov/s_fsojailprofilesurvey.php

⁸ Separate guides are available to walk users through the Adult and Juvenile portions of the dashboard.

Trend lines

When appropriate, a line representing the estimate of the trend is used to help understand the direction of time series. The dotted line represents the trend and the light dotted lines illustrates the confidence interval.



Filtering by County

Tables showing County names can be used to filter other tables on the same tab by clicking on the county. To un-filter and show all counties again, click on the county name in the table.

Groupings

The dashboard allows users to group counties by county population size as well as geographic region. These groupings give users the ability to see similar counties. A definition of the population size and regions included in the groupings are available in Appendix Table 1.

II. Resource: Adult County Population Forecast

The *Adult County Population Forecast* table shows adult population projections, across California counties and by county, disaggregated by age ranges and race between 2015 and 2040. Population projections are searchable by county, age, and gender.

Adult population projections were obtained from the State of California’s Department of Finance (DOF).⁹ The DOF publishes the State’s population projections annually for use by federal, state, and local agencies; the academic community; and the private sector.

Exhibit 1. Adult County Population Forecast

Adult County Population Forecast		Year					
Age_Adult	Race Name	2015	2020	2025	2030	2035	2040
Age 19-24	American Indian	15,478	13,849	13,078	12,610	11,601	11,780
	Asian	397,992	381,395	384,484	396,682	455,113	463,620
	Black	223,135	189,756	171,424	171,674	171,577	175,197
	Hispanic	1,637,797	1,607,039	1,644,373	1,700,919	1,650,007	1,746,975
	Multi-Race	119,752	126,108	136,093	150,589	158,647	172,402
	Pacific Islander	14,176	12,655	12,462	13,007	13,933	14,556
	White	1,050,148	947,199	897,626	886,154	954,742	959,262
Age 25-44	American Indian	44,936	47,614	48,804	48,634	47,488	44,428
	Asian	1,532,837	1,521,459	1,509,471	1,497,252	1,539,404	1,631,808
	Black	613,338	656,440	666,916	650,655	614,316	565,837
	Hispanic	4,582,343	4,947,976	5,246,398	5,498,092	5,750,184	5,781,439
	Multi-Race	251,280	298,123	342,984	384,121	428,871	461,116
	Pacific Islander	44,640	48,278	49,906	49,954	49,820	50,653
	White	3,634,569	3,617,364	3,511,907	3,270,409	3,075,085	2,964,276
Age 45-64	American Indian	50,473	48,977	46,069	44,414	45,430	48,345
	Asian	1,425,475	1,545,402	1,620,130	1,702,775	1,769,389	1,810,944
	Black	614,610	607,797	584,169	569,952	590,912	633,979
	Hispanic	3,015,241	3,515,955	3,910,970	4,251,401	4,556,419	4,950,733
	Multi-Race	161,876	177,714	192,081	213,362	243,366	288,700
	Pacific Islander	36,186	39,151	41,226	44,025	48,115	52,321
	White	4,603,693	4,259,362	3,901,805	3,739,660	3,694,735	3,720,353
Age 65 and over	American Indian	25,108	32,922	40,848	46,572	48,786	48,875
	Asian	746,246	952,659	1,172,530	1,386,715	1,586,383	1,784,206
	Black	270,292	331,268	405,314	468,789	505,426	516,371
	Hispanic	998,967	1,328,479	1,762,387	2,270,158	2,813,978	3,335,271
	Multi-Race	65,038	86,265	112,458	138,414	160,169	180,334
	Pacific Islander	13,349	17,525	22,488	27,537	31,643	34,835
	White	3,071,562	3,512,416	3,971,707	4,289,575	4,360,505	4,246,170
Grand Total		29,260,537	30,871,147	32,420,108	33,924,101	35,376,044	36,694,786

The information on the Adult County Population Forecast tab is searchable by county (all counties or by selecting a specific county), age (all ages or by selecting the desired age range), and/or gender (all, male, or female). The default setting is all counties, ages 19 and over, and both genders; however, users may adjust the display to their preferences by selecting the desired county, age and/or gender at the top right of the screen. Users may display both juvenile and adult population projections by selecting “All”.

For each age grouping, the table breaks down population projections by race and the final row provides the total population (inclusive of all ages selected and races).

⁹ <http://www.dof.ca.gov/Forecasting/Demographics/Estimates/e-1/>

III. Resource: Juvenile County Population Forecast

The *Juvenile County Population Forecast* table displays juvenile population projections, across California counties and by county, disaggregated by age range and race between 2015 and 2040. Population projections are searchable by county, age, and gender.

Similar to the adult population projections, juvenile population projections were obtained from the State of California’s Department of Finance.¹⁰

Exhibit 2. Juvenile County Population Forecast

Juvenile County Population Forecast		Year					
		2015	2020	2025	2030	2035	2040
Age 0-5	American Indian	10,341	10,357	10,343	9,927	9,167	8,677
	Asian	343,573	352,212	343,850	341,254	350,781	372,818
	Black	151,429	153,470	151,165	144,319	136,831	133,002
	Hispanic	1,515,213	1,573,570	1,657,407	1,722,209	1,759,335	1,791,287
	Multi-Race	153,953	165,776	182,567	199,267	218,202	236,332
	Pacific Islander	10,504	10,825	10,911	10,974	11,058	11,498
	White	824,684	825,995	800,804	759,502	724,286	711,656
Age 6-11	American Indian	11,717	10,602	10,383	10,412	10,070	9,371
	Asian	322,008	346,802	366,194	361,706	362,449	371,576
	Black	159,371	155,673	159,042	158,935	152,758	144,477
	Hispanic	1,608,000	1,535,440	1,572,488	1,666,180	1,739,804	1,787,706
	Multi-Race	143,162	152,634	162,115	179,419	195,969	214,410
	Pacific Islander	10,588	10,886	11,366	11,661	11,847	12,015
	White	791,209	821,680	845,229	830,864	795,056	757,263
Age 12-18	American Indian	14,895	14,139	13,206	12,524	12,645	12,355
	Asian	391,070	400,599	424,551	462,715	466,771	470,398
	Black	204,186	191,014	191,076	192,360	194,903	188,875
	Hispanic	1,814,445	1,889,749	1,880,405	1,864,946	1,983,161	2,082,492
	Multi-Race	145,808	161,440	176,491	185,389	203,987	223,328
	Pacific Islander	13,187	13,180	13,565	14,242	14,810	15,203
	White	997,089	952,156	970,035	1,022,694	1,017,711	983,715
Age 19-24	American Indian	15,478	13,849	13,078	12,610	11,601	11,780
	Asian	397,992	381,395	384,484	396,682	455,113	463,620
	Black	223,135	189,756	171,424	171,674	171,577	175,197
	Hispanic	1,637,797	1,607,039	1,644,373	1,700,919	1,650,007	1,746,975
	Multi-Race	119,752	126,108	136,093	150,589	158,647	172,402
	Pacific Islander	14,176	12,655	12,462	13,007	13,933	14,556
	White	1,050,148	947,199	897,626	886,154	954,742	959,262
Age 25 and Over	American Indian	120,517	129,513	135,721	139,620	141,704	141,648
	Asian	3,704,558	4,019,520	4,302,131	4,586,742	4,895,176	5,226,958
	Black	1,498,240	1,595,505	1,656,399	1,689,396	1,710,654	1,716,187
	Hispanic	8,596,551	9,792,410	10,919,755	12,019,651	13,120,581	14,067,443
	Multi-Race	478,194	562,102	647,523	735,897	832,406	930,150
	Pacific Islander	94,175	104,954	113,620	121,516	129,578	137,809
	White	11,309,824	11,389,142	11,385,419	11,299,644	11,130,325	10,930,799

The information on the Juvenile County Population Forecast tab is searchable by county (all counties or by selecting a specific county), age (all ages or by selecting the desired age range), and/or gender (all, male, or female). The default setting is all counties, ages 0 through 24, and both genders; however, users may adjust the display to their preferences by selecting the desired county, age and/or gender at the top right of the screen. Users may display both juvenile and adult population projections by selecting “All”.¹¹

¹⁰ Ibid

¹¹ Note that selecting all will group adults into an age range of 25+.

For each age grouping, the table breaks down population projections by race and, in the final row, provides the total population (inclusive of all ages selected and races) in the final row.

IV. Resource: County Crime Data

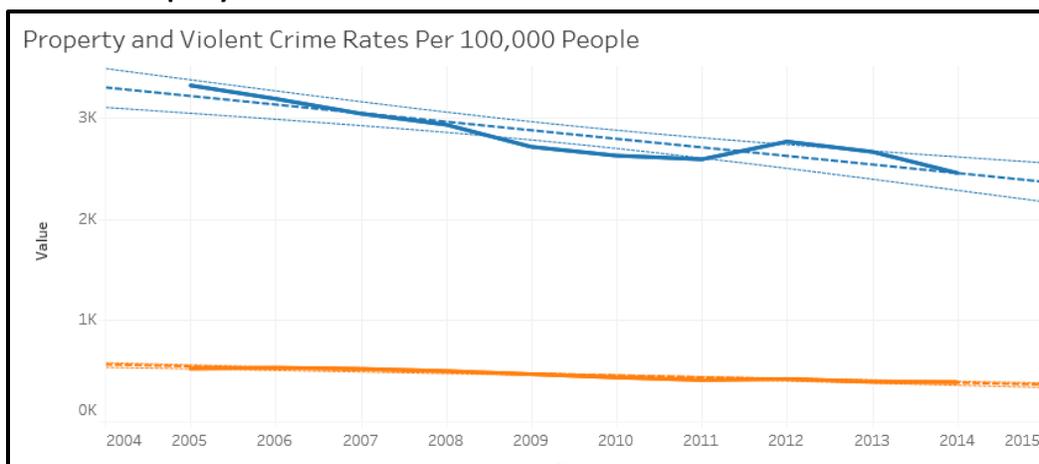
The Resource: County Crime Data tab display information about trends in violent and property crime between 2005 and 2014 as well as the number of violent and property crimes that occurred in each California county in 2014. Users may display statewide crime trends or trends in specific counties by selecting their preference under “County” on the upper right hand of the screen.

County crime data was obtained from the State of California Department of Justice’s Criminal Justice Statistics Center (CJSC) which resides in the California Attorney General’s Office. The CJSC maintains several data systems that collect criminal justice data and they make the data publicly available online.¹²

Property and Violent Crime Rates over Time

The *Property and Violent Crime Rate over Time* table displays trends in property crime (blue lines) and violent crime (orange line) per 100,000 people from 2005 through 2014. Users may display statewide trends or display trends in a specific county by selecting the desired jurisdiction under “County”.

Exhibit 3. Property and Violent Crime Rates over Time

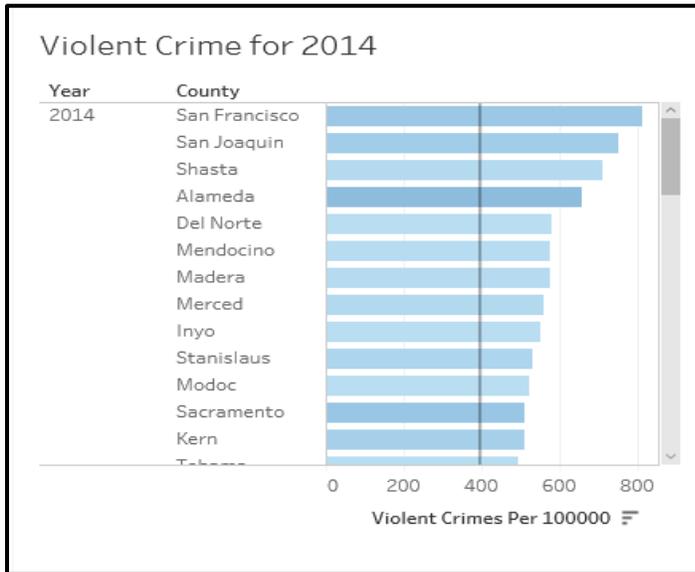


Violent Crime

The *Violent Crime* graph displays the number of violent crimes, per 100,000 people, that occurred in the user selected year (2005 through 2011) by county.

¹² <https://oag.ca.gov/crime/cjsc/stats/crimes-clearances>

Exhibit 4. Violent Crime



Property Crime

The *Property Crime* graph displays the number of property crimes, per 100,000 people, that occurred in user selected year (2005 through 2011) by county.

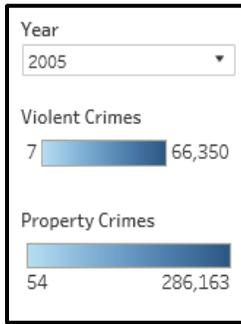
Exhibit 5. Property Crime



Users may change the year violent and property crime information are displayed for by selecting the desired year from the dropdown menu under "Year" on the bottom right of the screen.

Additionally, the range of violent and property crimes across counties are displayed on the bottom right of the tab.

Exhibit 6. Year Selection and County Crime Ranges



V. Resource: County Arrest Activity

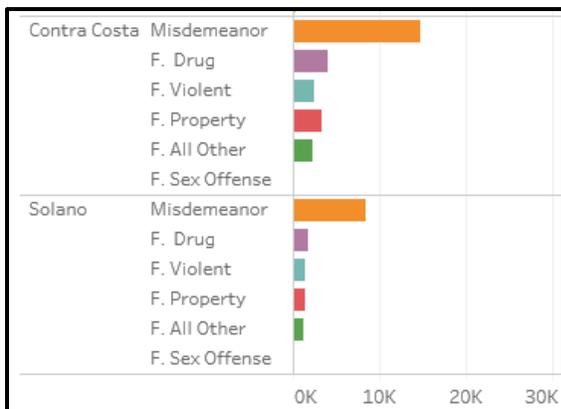
The Resource: County Arrest Activity tab displays the number of arrests by county (by crime type), the number of felony and misdemeanor arrests by year from 2005 through 2014, and the number of arrests by crime type and gender. The default setting is adults and juveniles in all counties within the Bay region; however, users can display their preferences by selecting their desired year from the top left of the tab. Users may also adjust the age grouping, region, and size at the top right of the screen.

County arrest data was obtained from the State of California Department of Justice's Criminal Justice Statistics Center (CJSC).¹³

County Arrests

The *County Arrests* graph displays the number of arrests in each county, disaggregated by property and violent crimes. Users may display the exact number of arrests that occurred in a county by hovering over the bar.

Exhibit 7. County Arrests

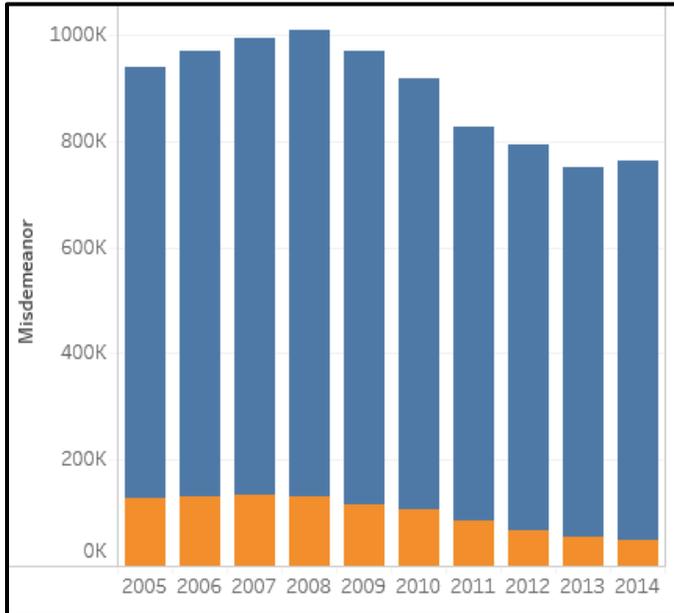


¹³ <https://oag.ca.gov/crime/cjsc/stats/crimes-clearances>

Arrest Severity

The *Arrest Severity* graphs display the number of felony (blue bars) and misdemeanor arrests (orange bars) for each year from 2005 through 2014. Similar to the *County Arrest* graph, users can display the specific number of arrests for a given year by hovering over a bar.

Exhibit 8. Arrest Severity



Arrests by Type

The *Arrests by Type* table displays the number of arrests by gender and crime type. The seven crime categories include the following offense types:

- Felony Violent
- Felony Sex
- Felony Property
- Felony Drug
- Felony- Other
- Misdemeanor
- Status Offense

Exhibit 9. Arrests by Type

Arrests by Type, All, 2014		
	Female	Male
F. Violent	22,679	85,112
F. Sex Offense	254	5,728
F. Property	26,342	71,464
F. Drug	29,403	107,651
F. All Other	17,604	73,721
Misdemeanor	192,249	569,757
Status Offense	3,815	7,066

VI. Resource: County Jail Data

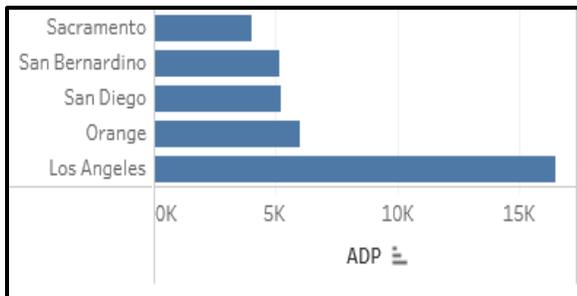
The Resource: County Jail Data tab displays the 2015 average daily population (ADP) of jails in each county, the number of individuals in county jails who were unsentenced (as compared to the total ADP in each county) from 2005 through 2015, and the ADP in each county by felony and misdemeanor offense types from 2005 through 2015.

Users can select the county they wish to display under the “County” at the top right of the tab.

Jail Average Daily Population 2015

The *Jail Average Daily Population* graph displays the number of individuals, on average for each year 2006 through 2016, by county who were held in jail facilities. Users may display the exact number for a given year by hovering over the bar.

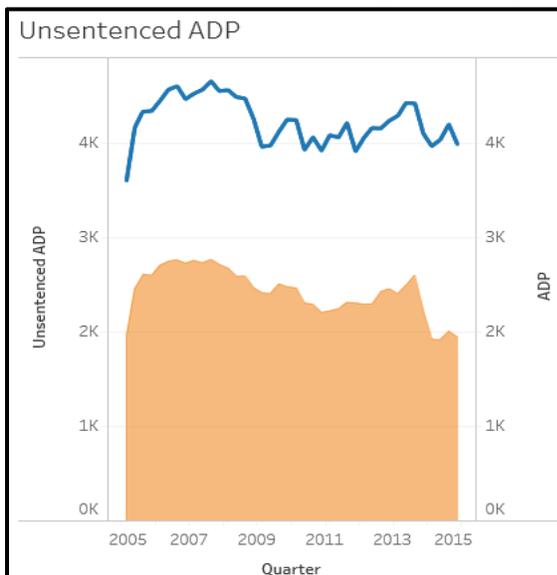
Exhibit 10. Jail Average Daily Population 2015



Unsentenced Average Daily Population

The *Unsentenced Average Daily Population* graph displays the average number of unsentenced individuals held in the selected county (orange portion of the graph) as compared to the ADP (blue line) from 2005 through 2015.

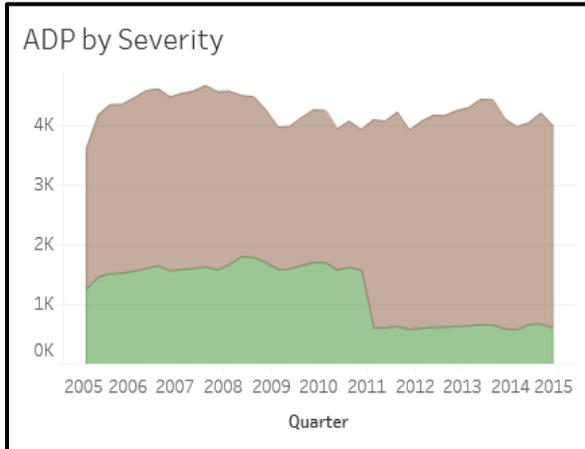
Exhibit 11. Unsentenced Average Daily Population



Average Daily Population by Severity

The *Average Daily Population by Severity* graph disaggregates the ADP by felony (brown portion of the graph) and misdemeanor crime types (green portion of the graph) from 2006 through the third quarter of 2015.

Exhibit 12. Average Daily Population by Severity



For any questions about the Chief Probation Officers of California (CPOC) Survey’s online dashboard, contact research@cpc.org.

Appendix Table 1: Size and Region Reference Table

County	Size	Region
<i>Alameda</i>	Large	Bay
<i>Amador</i>	Medium	Sacramento
<i>Butte</i>	Medium	North
<i>Calaveras</i>	Smallest	Sacramento
<i>Colusa</i>	Smallest	North
<i>Contra Costa</i>	Large	Bay
<i>Del Norte</i>	Smallest	North
<i>El Dorado</i>	Medium	Sacramento
<i>Fresno</i>	Large	Central
<i>Glenn</i>	Smallest	North
<i>Humboldt</i>	Medium	North
<i>Imperial</i>	Medium	South
<i>Inyo</i>	Smallest	Central
<i>Kern</i>	Large	Central
<i>Kings</i>	Large	Central
<i>Lake</i>	Medium	Sacramento
<i>Lassen</i>	Smallest	North
<i>Los Angeles</i>	Large	South
<i>Madera</i>	Medium	Central
<i>Marin</i>	Medium	Bay
<i>Mariposa</i>	Smallest	Central
<i>Mendocino</i>	Medium	North
<i>Merced</i>	Medium	Central
<i>Modoc</i>	Smallest	North
<i>Mono</i>	Smallest	Central
<i>Monterey</i>	Medium	Bay
<i>Napa</i>	Medium	Bay
<i>Nevada</i>	Smallest	Sacramento
<i>Orange</i>	Large	South
<i>Placer</i>	Large	Sacramento
<i>Plumas</i>	Smallest	North
<i>Riverside</i>	Large	South
<i>Sacramento</i>	Large	Sacramento
<i>San Benito</i>	Smallest	Bay
<i>San Bernardino</i>	Large	South
<i>San Diego</i>	Large	South
<i>San Francisco</i>	Large	Bay
<i>San Joaquin</i>	Large	Sacramento
<i>San Luis Obispo</i>	Medium	Central
<i>San Mateo</i>	Large	Bay
<i>Santa Barbara</i>	Large	South
<i>Santa Clara</i>	Large	Bay
<i>Santa Cruz</i>	Medium	Bay
<i>Shasta</i>	Medium	North

<i>Sierra</i>	Smallest	North
<i>Siskiyou</i>	Smallest	North
<i>Solano</i>	Medium	Bay
<i>Sonoma</i>	Medium	Bay
<i>Stanislaus</i>	Large	Central
<i>Sutter</i>	Smallest	Sacramento
<i>Tehama</i>	Smallest	North
<i>Trinity</i>	Smallest	North
<i>Tulare</i>	Large	Central
<i>Tuolumne</i>	Medium	Central
<i>Ventura</i>	Large	South
<i>Yolo</i>	Medium	Sacramento
<i>Yuba</i>	Smallest	Sacramento

Appendix Table 2: Resource Glossary

Average daily population (ADP)- derived by adding the total number of individuals in a facility or institution and dividing by 365 days.

Probation counts (Fiscal year)- Population counts over the last fiscal year (e.g. July 1, 2015 through June 30, 2016).

Probation counts (Snapshot)- Point in time population counts occurring on the last day of the fiscal year (e.g. June 30, 2016).

Trend line- Estimate of general trends on a graph.