

Agenda Item XII

Agricultural Lands and Ranches

System Indicators Report

**Presented by:
Liz van Wagtendonk**

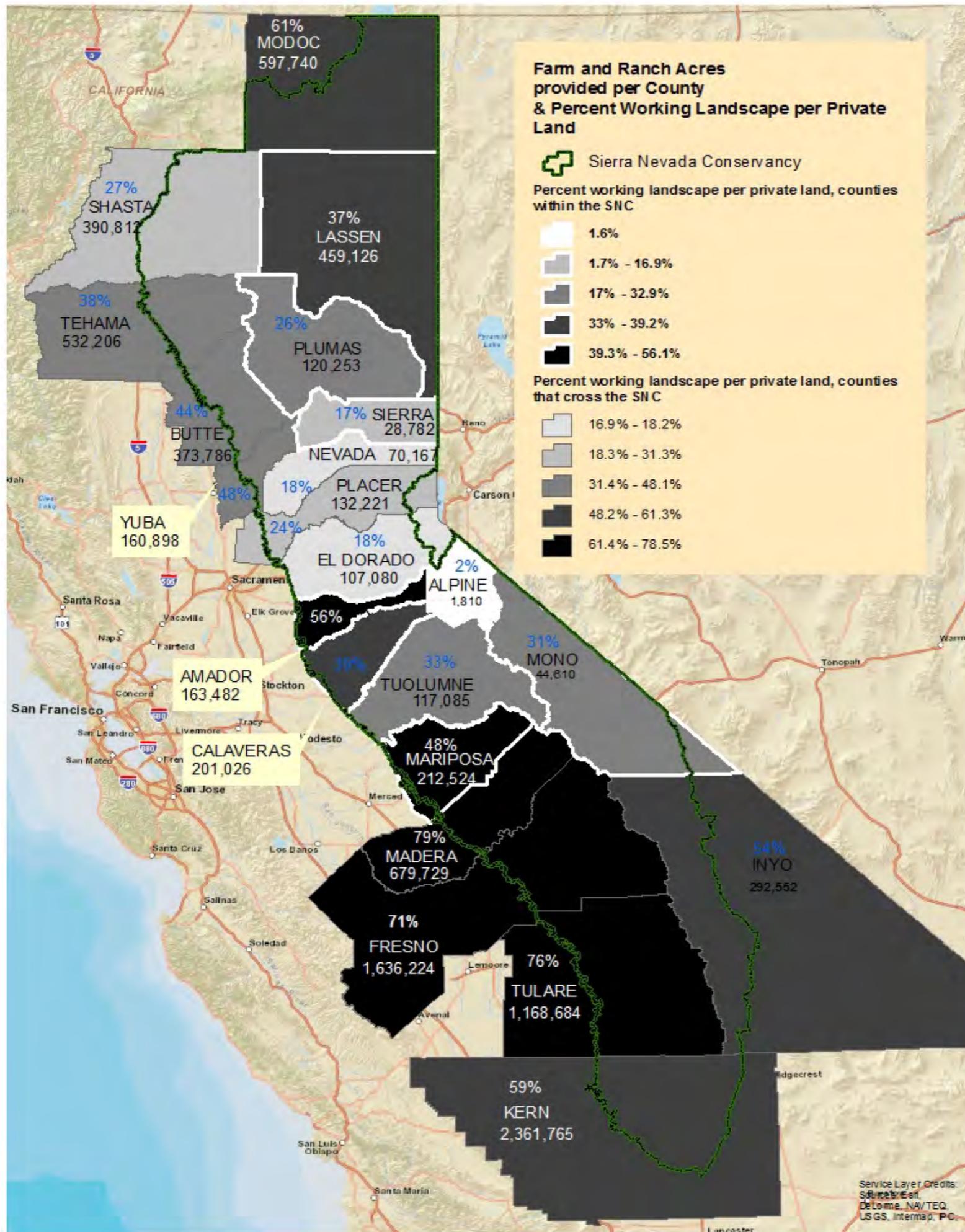
Sixth Report in the Series

The basic Indicators in this report are:

- The total area in working landscapes (agriculture and ranches) in the Sierra and the size of individual operations;
- The overall number of farms and ranches, and crop types; and
- The economic productivity of working landscapes in the Region.

Primary data sources: USDA-2007 Census of Agriculture, CDFA-Agricultural Statistics, Crop Reports, DOC-Williamson Act and Farmland Mapping and Monitoring Program, & USFS-Vegetation Mapping

Area in agriculture & ranches, counties fully and partly in the Region & percent of private land in working landscapes





Area in agriculture & ranches in the Region

363,379 acres of
agriculture

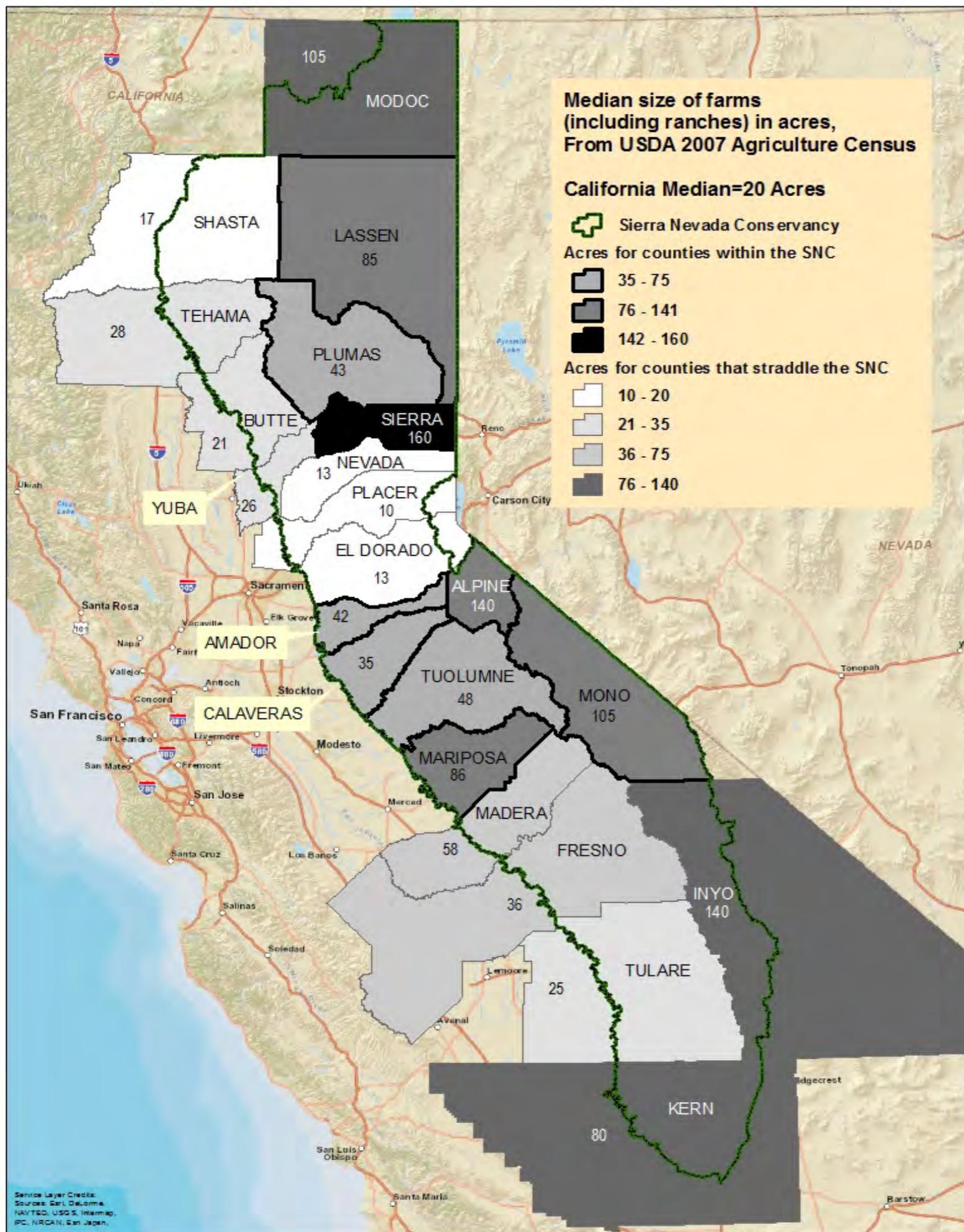
4,309,764 acres of
ranches

Median Size of Farms and Ranches

35-160 acres in the counties **fully** in the Region

&

10-140 acres in the counties **partly** in the Region



Number and Type of Working Landscapes

- 3,304 working landscapes in the counties **fully** in the Region & 24,606 in the counties **partly** in the Region
- Cattle & Calves: 1,407 operations-counties fully in Region, 5,506 operations-counties partly in Region
- Forage production: most common crop type in counties fully in the Region
- Fruit, nut and vegetable operations: more uncommon & smaller in median size in the Region
- Orchard operations: most common in Amador County and South Subregion

Chart 1. Total Acres Irrigated & Total Irrigation Withdrawals in Gallons/Day in 2005 for Counties Fully within the SNC Region, USGS 2009

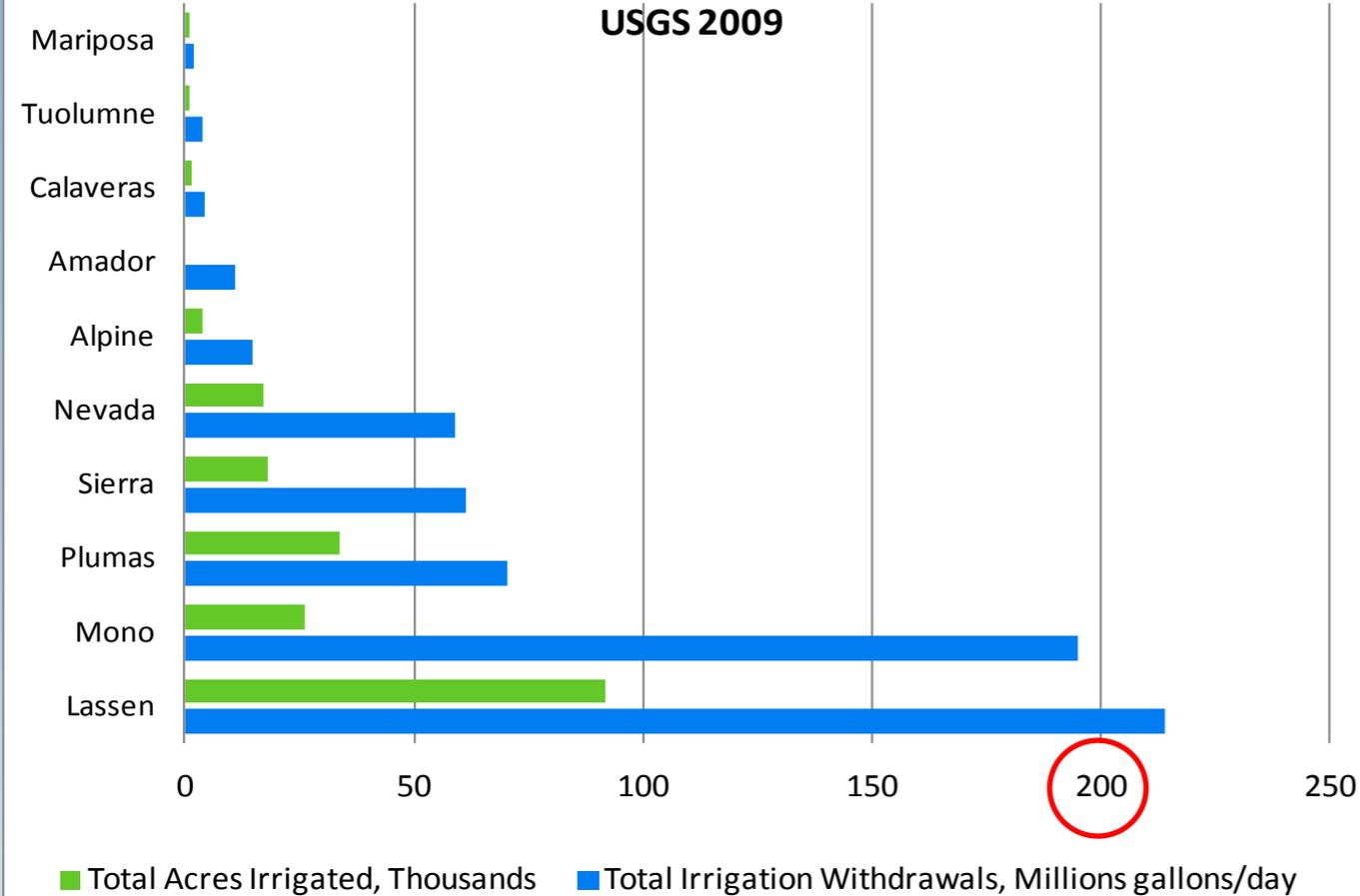
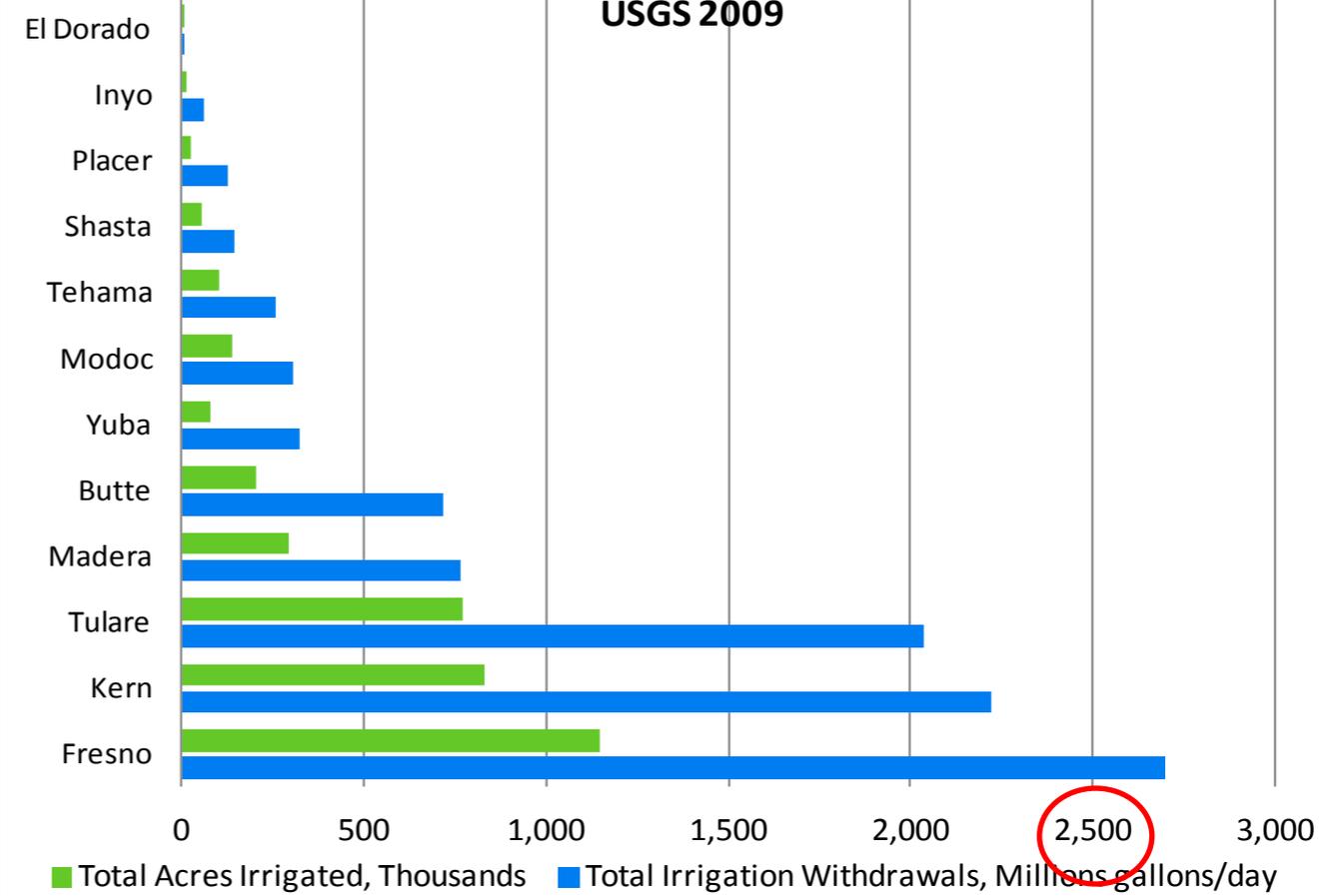


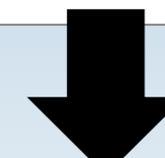
Chart 2. Total Acres Irrigated & Total Irrigation Withdrawals in Gallons/Day in 2005 for Counties Partly within the SNC Region, USGS 2009



Counties **Fully** Within Region:
Most common farm type: Cattle & Calves

Top agricultural commodity in Mono and Lassen Counties: Hay and Pasture (Forage) Crops

Highest Agricultural Production:
Lassen County **\$89,539,000**



Counties **Partly** Within Region:
Most common farm types: Nuts, fruit, orchards & animal products

Top agricultural commodity in Kern and Fresno Counties: Milk & Almonds

Highest Agricultural Production:
Fresno County **\$6,884,582,000**

Table 1. Total Agricultural Production and Statewide County Rank

	Statewide Rank	Total Agricultural Production
Counties Fully within the Region		
Lassen	39	\$89,539,000
Mono	44	\$53,068,000
Mariposa	48	\$30,975,000
Amador	49	\$28,511,000
Tuolumne	51	\$22,721,000
Plumas	52	\$20,019,000
Calaveras	53	\$19,637,000
Nevada	54	\$14,924,000
Alpine	57	\$5,311,000
Sierra	56	\$6,200,000
Counties Partly within the Region		
Fresno	1	\$6,884,582,000
Tulare	2	\$5,629,264,000
Kern	3	\$5,364,363,000
Madera	12	\$1,569,239,000
Butte	17	\$635,707,000
Tehama	29	\$245,672,000
Yuba	30	\$207,984,000
Modoc	37	\$107,009,000
Shasta	40	\$89,060,000
Placer	43	\$62,304,000
El Dorado	47	\$31,338,000
Inyo	50	\$26,271,000

Source: California Agricultural Statistics Review, 2011

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Counties	Net Cash Income	Average Net Cash Income	Average Government Payment	Total Government Payments
Counties fully within the SNC Region				
Alpine	Not reported	Not reported	Not reported	Not reported
Lassen	\$5,293,000	\$11,531	\$349	\$160,000
Mono	\$3,268,000	\$38,901	Not reported	Not reported
Sierra	\$145,000	\$2,899	\$940	\$47,000
Plumas	\$21,000	\$146	Not reported	Not reported
Mariposa	(\$1,005,000)	(\$3,326)	\$434	\$131,000
Tuolumne	(\$2,195,000)	(\$5,997)	\$101	\$37,000
Amador	(\$2,299,000)	(\$4,800)	\$190	\$91,000
Calaveras	(\$2,731,000)	(\$4,328)	\$78	\$49,000
Nevada	(\$7,061,000)	(\$10,233)	\$329	\$227,000
Totals	(\$6,564,000)	\$24,793	\$346	\$504,767

Counties	Net Cash Income	Average Net Cash Income	Average Government Payment	Total Government Payments
Counties partly within the SNC Region				
Tulare	\$871,303,000	\$166,279	\$3,881	\$20,335,000
Kern	\$869,363,000	\$410,658	\$12,917	\$27,346,000
Fresno	\$798,561,000	\$131,321	\$4,068	\$24,737,000
Madera	\$273,852,000	\$160,335	\$2,698	\$4,608,000
Butte	\$104,630,000	\$51,089	\$7,217	\$14,780,000
Tehama	\$25,791,000	\$14,721	\$608	\$1,065,000
Yuba	\$23,181,000	\$27,997	\$6,233	\$5,161,000
Modoc	\$14,408,000	\$32,161	\$1,842	\$825,000
Inyo	\$3,809,000	\$40,524	Not reported	Not reported
Placer	(\$3,585,000)	(\$2,409)	\$1,907	\$2,838,000
Shasta	(\$6,084,000)	(\$4,130)	\$171	\$252,000
El Dorado	(\$10,372,000)	(\$8,180)	\$118	\$149,000
Totals	\$2,964,857,000	\$1,020,366	\$3,787	\$1,989,376

Preservation & Threats to Working Landscapes

- In 2011, 994,201 acres were enrolled in Williamson Act contracts in the counties fully in the Region
 - 5,972,286 acres were in contracts in the counties partly in the Region
- Modoc and Plumas Counties are not accepting new contracts
- Some counties are debating ability to continue to fund the Program without State subvention funding
- Conversion to other land uses: Placer & El Dorado Counties saw the greatest percent change in conversion between 2000 and 2010

Recommendation

Staff recommends the Board approve this sixth and final System Indicators Report after making any revisions resulting from its review.