

REGULATE

CONFINED ANIMAL FACILITIES

GROUP: CONFINED ANIMAL FACILITIES (CAFs)

MEASURE: NUMBER OF REGULATED DAIRY FACILITIES

MESSAGE: Most dairies are concentrated in the Central Valley Region. The average size is 1,157 animals per dairy.

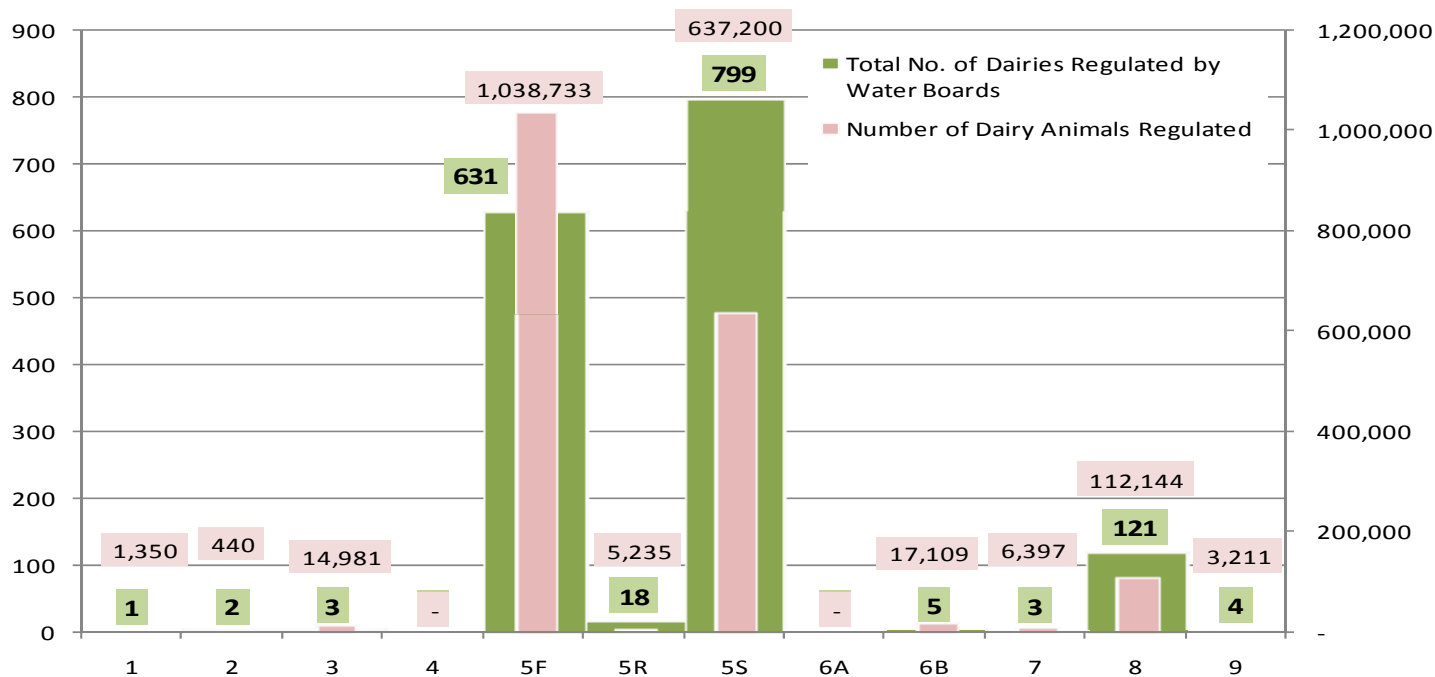
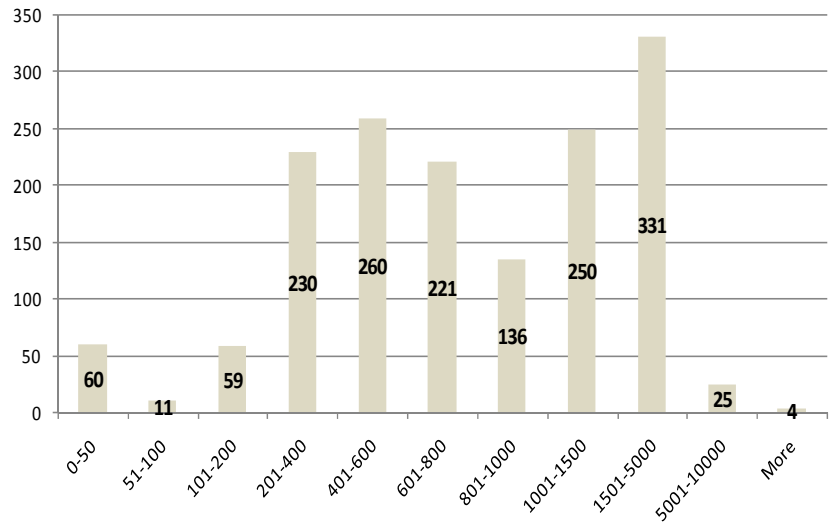
KEY STATISTICS FOR FY 2009-10

NUMBER OF DAIRIES REGULATED: 1,587
 NUMBER OF DAIRY ANIMALS REGULATED: 1,836,800

MEASUREMENTS

Region	Total No. of Dairies Regulated by Water Boards	Number of Dairy Animals Regulated
1	1	1,350
2	2	440
3	3	14,981
4	-	-
5F	631	1,038,733
5R	18	5,235
5S	799	637,200
6A	-	-
6B	5	17,109
7	3	6,397
8	121	112,144
9	4	3,211
TOTAL	1,587	1,836,800

Number of Dairies Grouped by Average Number of Animals



WHAT THE MEASURE IS SHOWING:

Dairies are concentrated mostly in the Central Valley Regional Water Quality Control Board (R5). The size of the facilities, measured by the number of animals in each facility varies significantly. The data shows that 25 facilities have between 5,000 and 10,000 animals on average. The average number of animals per facility is greater in the Fresno office than in the Sacramento office. The Regional Water Boards may regulate waste discharges from CAFs by issuing or conditionally waiving Waste Discharge Requirements (WDRs), as well as National Pollutant Discharge Elimination System (NPDES) permits where the discharge is to waters of the U.S. The dairies regulated in R8 are under an NPDES permit ([R8-2008-0001](#)).

WHY THIS MEASURE IS IMPORTANT:

Wastes generated at CAFs can adversely impact the quality and beneficial uses of waters. There are a wide variety of CAFs that are regulated by the Regional Water Boards. The most well-known are dairies, with the Central Valley Regional Water Board (Region 5) regulating approximately 80% of the dairies in the state. Other types of operations that are regulated by the Regional Water Boards include poultry, swine, equestrian, and veal calf operations. Several Regional Water Boards are evaluating increased regulation of CAFs. In addition to issuing permits, the Regional Water Boards are responsible for conducting inspections, and issuing enforcement actions against both regulated and non-regulated CAFs.

Over the past several years, sectors of animal feeding operations have rapidly and profoundly changed in response to the current economic climate. Approximately 100 dairy operations in the Central Valley region have gone out of business over the past two years, with many of them converting to heifer ranches.

TECHNICAL CONSIDERATIONS:

- **Data source:** CIWQS. Period: July 1, 2009 to June 30, 2010. Extracted: August 12, 2010.
- **Unit of Measure:** Number of regulated dairies and other confined animal facilities in FY 2009-10. Number of Animals declared.
- **References:** SWRCB CAFO program site
http://www.swrcb.ca.gov/water_issues/programs/npdes/cafo.shtml. R5 CAFO program
http://www.waterboards.ca.gov/centralvalley/water_issues/dairies/index.shtml. R8 Dairy program
http://www.waterboards.ca.gov/santaana/water_issues/programs/dairies/index.shtml
Additional information on the U.S. Environmental Protection Agency's Final CAFO Rule is available at: <http://cfpub.epa.gov/npdes/afo/cafofinalrule.cfm>.

GLOSSARY:

CAF: (Confined Animal Facility) is defined in California regulations as “any place where cattle, calves, sheep, swine, horses, mules, goats, fowl, or other domestic animals are corralled, penned, tethered, or otherwise enclosed or held and where feeding is by means other than grazing.”

Dairy: An establishment for processing or selling milk and milk products.