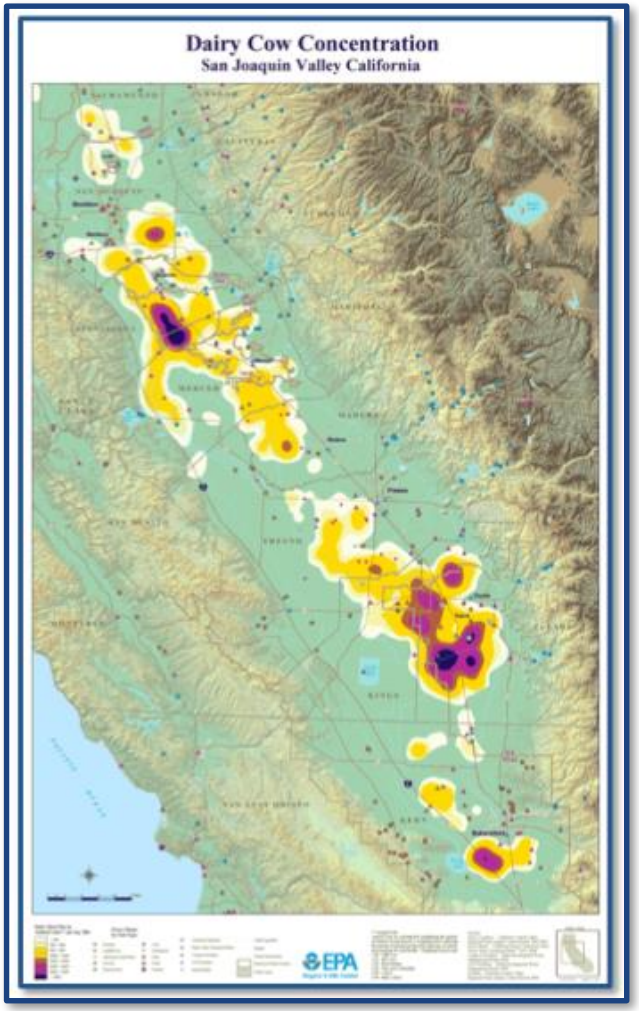
California Dairy Industry Key Statistics



Dairy Methane Heat Map

- Dairy is important! CA's #1 crop
  - $7+ billion per year in farm sales
  - 1.7M milk cows, 1,400 dairies
- Methane "dairy by-product" = 50% of CA's total methane emissions, of which half of this from manure mgt.
- If captured, dairy <u>manure</u> methane:
  - 350 MW base load (850 MW peaking)
  - 170M diesel gallon equivalents of fuel
- Dairy biogas capture important:
  - SB 1383: 40% less methane x 2030
  - 10% less fuel carbon intensity x 2020