

# Impacts to Disadvantaged Communities in the San Joaquin Valley

Omar Carrillo  
Policy Analyst  
Community Water Center





Reality



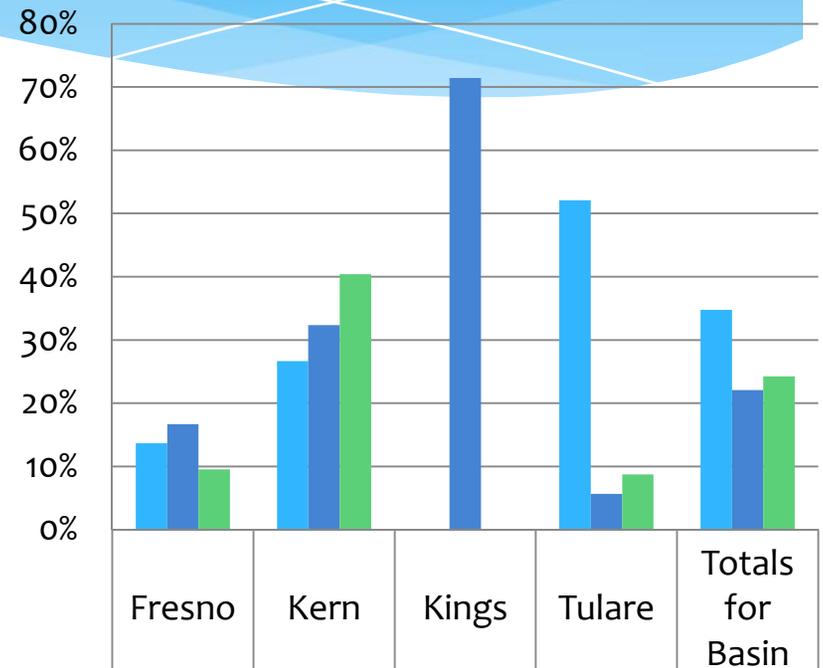
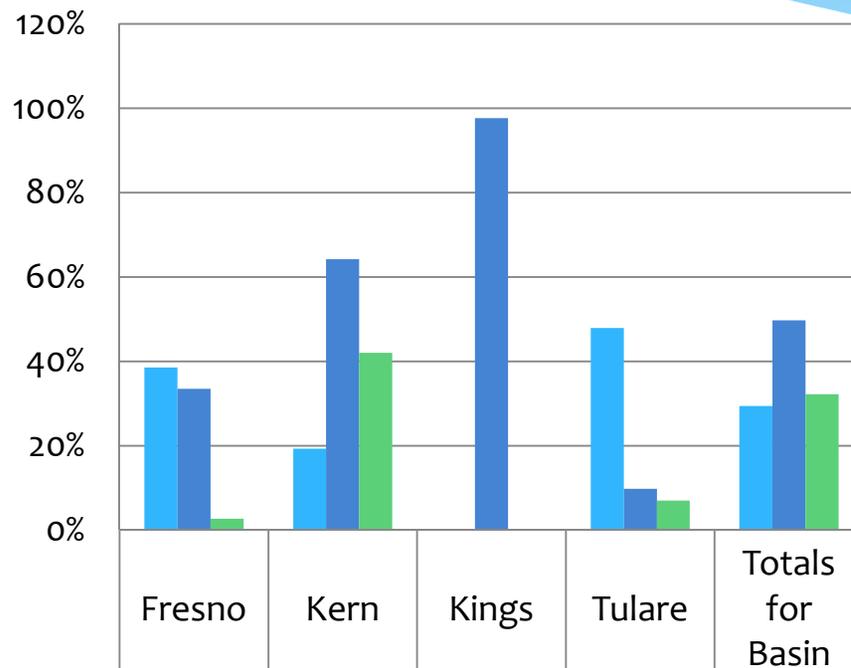
# Living With Contaminated Wells, Dilapidated Infrastructure, and High Cost of Operation



# Key Contaminants: Nitrate, Arsenic & Uranium

County Percentage of Population with  
exceedance

County Percentage of Communities  
with exceedance



	Fresno	Kern	Kings	Tulare	Totals for Basin
Nitrate	39%	19%	0%	48%	29%
Arsenic	33%	64%	98%	10%	50%
Uranium	3%	42%	0%	7%	32%

	Fresno	Kern	Kings	Tulare	Totals for Basin
Nitrate	14%	27%	0%	52%	35%
Arsenic	17%	32%	71%	6%	22%
Uranium	10%	40%	0%	9%	24%

# Communities that Rely on Contaminated Groundwater

The 15 counties with the most communities that rely on contaminated groundwater for drinking include:

Kern

Tulare

Fresno

Madera

San Joaquin

Stanislaus

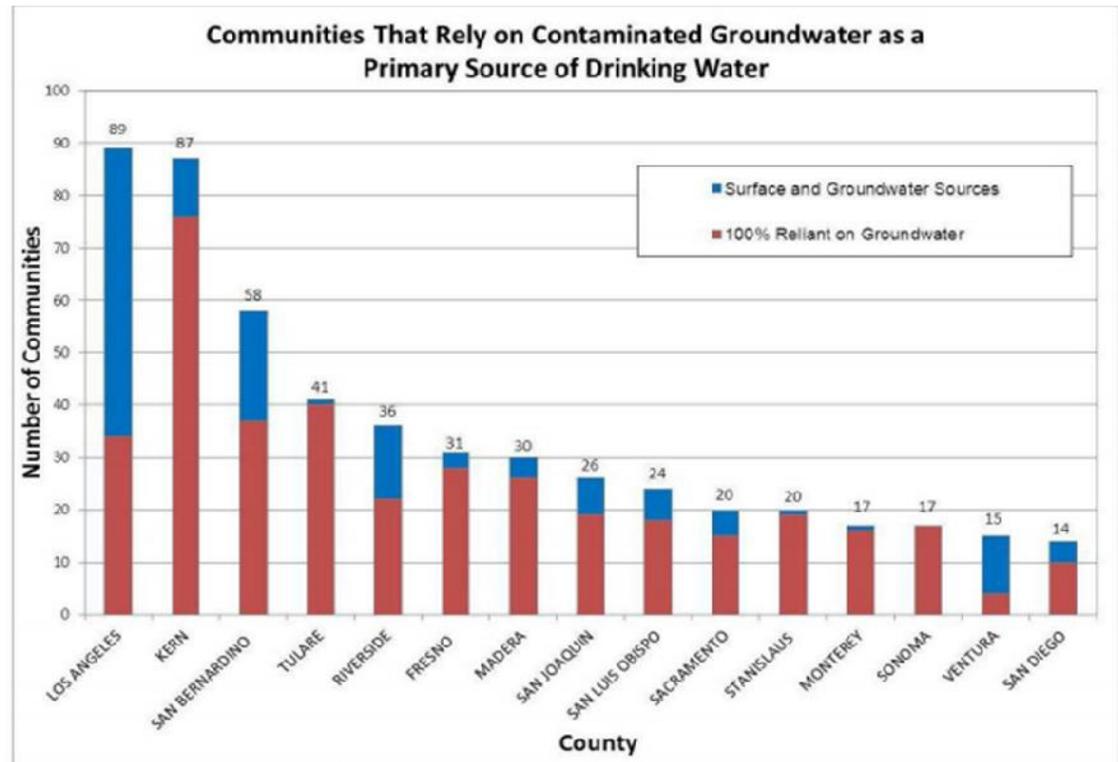


Figure 1: Top 15 Counties with the Greatest Number of Communities that Rely on Contaminated Groundwater as their Primary Source of Drinking Water

# Ducor, Ca

- \* Town of approximately 800 people, predominantly Latino farmworkers.



# Tonyville, Ca



- \* Town of approximately 150 people, predominantly Latino farmworkers.
- \* Given well water with nitrates above legal level about 3 months out of every year.
- \* Other 9 months receives treated canal water

# Nitrate Health Impacts

**Acute:**



**Chronic:**

# Investment Opportunities For DACs

- State Wide Need: \$9 billion per year due to aging infrastructure and increased incidences of contaminated water.
- State Wide DACs/High Priority: \$2.5 billion
- State Wide: \$100 million for communities impacted by nitrate contamination
- San Joaquin and Salinas Valley: \$ 30 million

# Investing in Impacted Communities

Incentivizing and promoting more sustainable solutions and funding sources (Existing and New)

1. Proposed Water Bond
2. State Revolving Loan Fund
3. Recommendations from State Water Board Report to the Legislature on Nitrate Contamination
4. Regional Investments
5. Protecting Drinking Water Sources
6. Jobs

Thank you!  
Gracias!

