

San Joaquin County public water systems

45
systems are Failing or At-Risk
39% of all systems in the county profile

Status classification Share of listed systems, followed by the count, reported population, and funding in each status.

	Failing 8%	At-Risk 31%	Potentially At-Risk 22%	Not At-Risk 35%	Not Assessed 3%
	Failing	At-Risk	Potentially At-Risk	Not At-Risk	Not Assessed
Systems	9	36	26	41	4
Population	2,095	98,399	60,843	218,252	367,619
Funding since 2017	\$500K	\$5M	\$0	\$3M	\$0

Key figures

116
public water systems

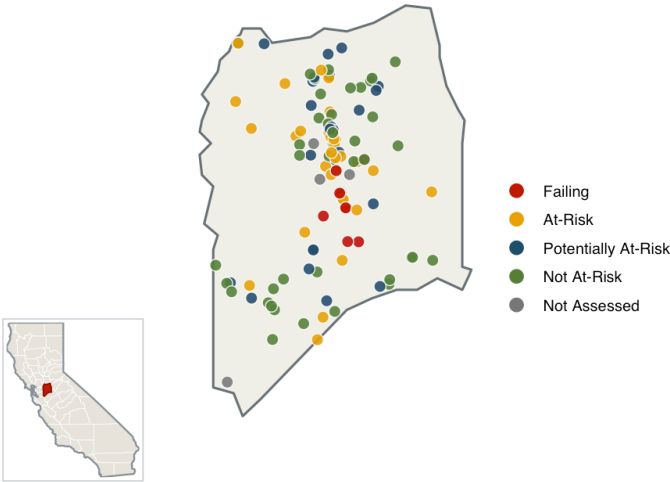
747,208
reported population

78%
serve 500 people or fewer

\$8M
reported funding since 2017

System locations

Points show reported system locations. They do not represent service-area boundaries.



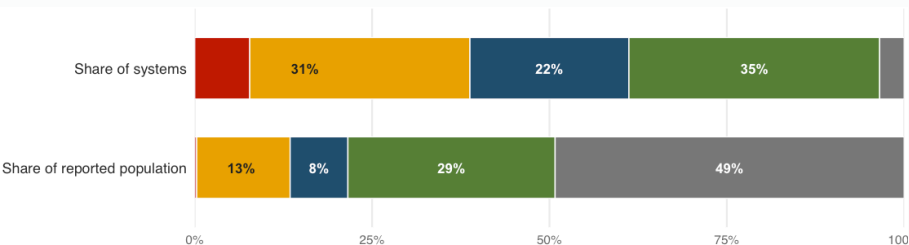
Each point represents one system record. Nearby or overlapping points can conceal multiple systems.

Summary

San Joaquin County has 116 public water systems in the SAFER dataset. Of these, 45 (39%) are classified as Failing or At-Risk. Those systems report serving 100,494 people. The county profile is also shaped by small systems: 90 systems serve 500 people or fewer.

4 systems are listed as Not Assessed, serving 367,619 people, so Not Assessed should not be read as a low-risk classification.

Reported funding since 2017 totals \$8M across 3 systems. Technical assistance funding totals \$2M.



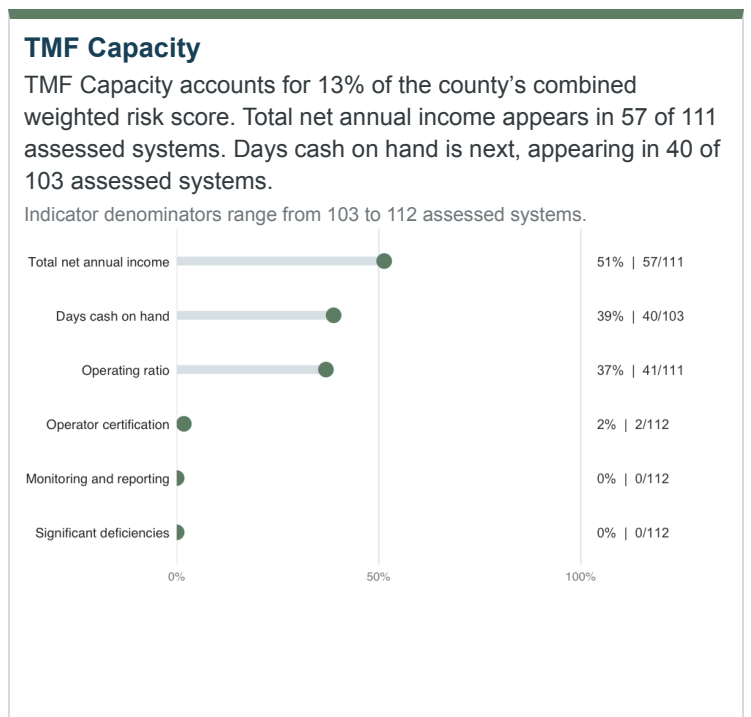
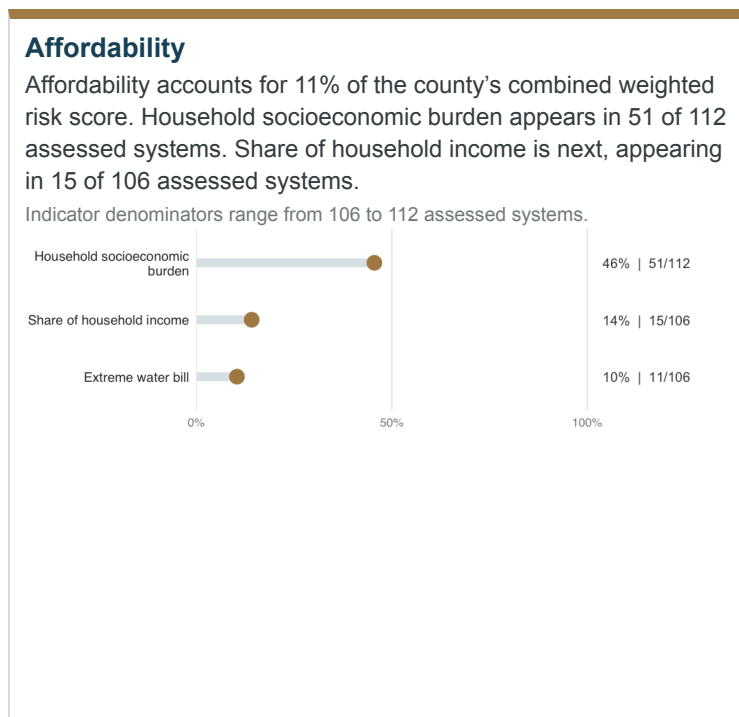
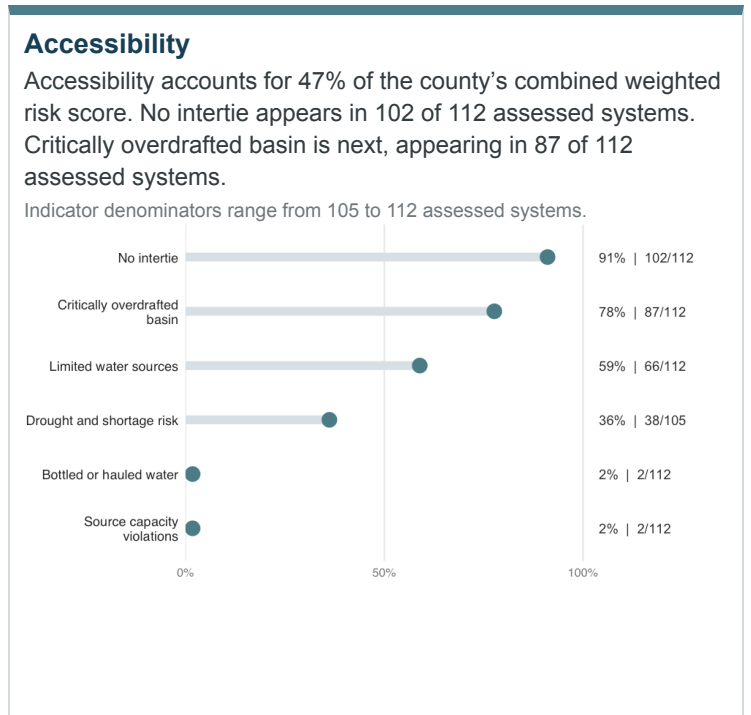
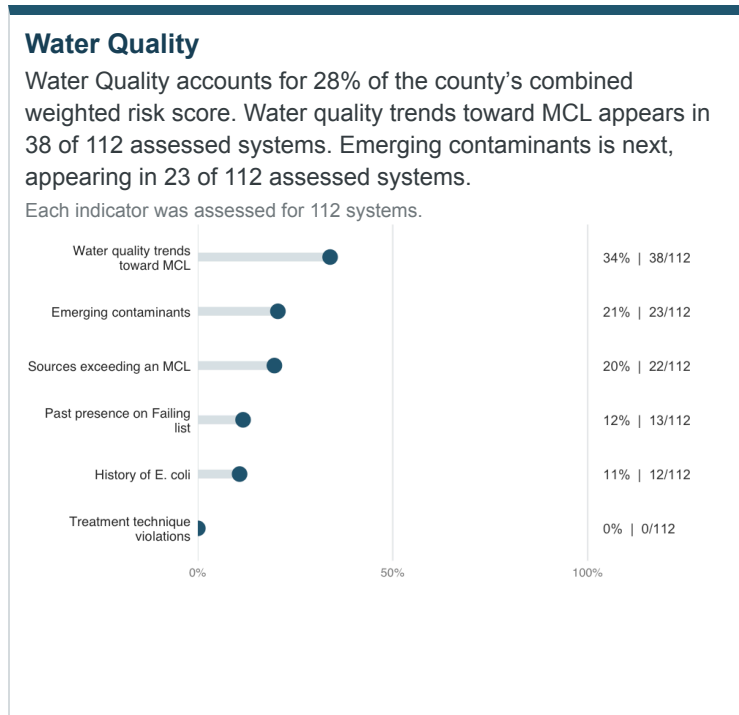
System counts and reported population

Not Assessed systems make up 3% of listed systems and 49% of reported population. That population sits in a few large systems outside the SAFER assessment's scope, which generally have more capacity, so this reflects scope rather than hidden risk.

Risk profile

Risk in San Joaquin County is distributed across four dimensions. Accessibility contributes the largest share of the combined weighted risk score at 47%. Across all individual indicators, No intertie appears most often, affecting 102 of 112 assessed systems.

Water Quality 28% of combined weighted risk State 32% · ▼ 3 pts MOST COMMON FLAG Water quality trends toward MCL	Accessibility 47% of combined weighted risk State 36% · ▲ 11 pts MOST COMMON FLAG No intertie	Affordability 11% of combined weighted risk State 17% · ▼ 6 pts MOST COMMON FLAG Household socioeconomic burden	TMF Capacity 13% of combined weighted risk State 15% · ▼ 1 pts MOST COMMON FLAG Total net annual income
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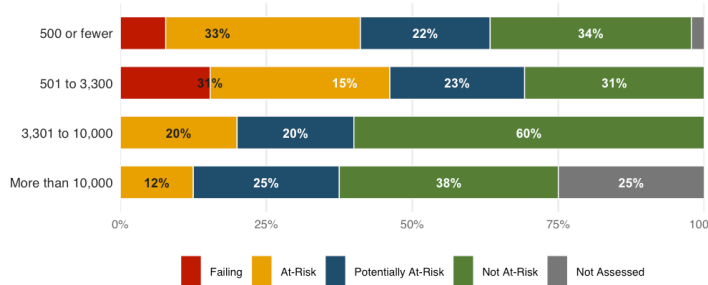


Patterns and context

The countywide totals hide important differences among systems. The panels below show how SAFER status varies by system size and service-area economic status, what conditions appear among Failing systems, and how reported funding is distributed across the 116 systems in San Joaquin County.

Status by system size

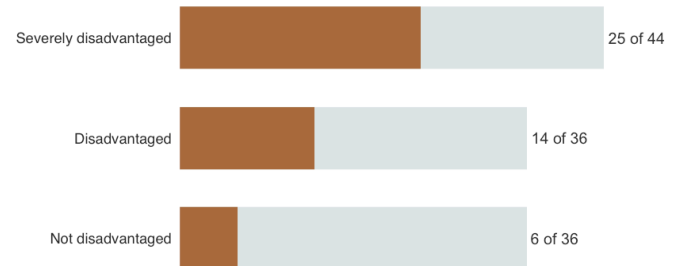
SAFER status within each population group



Among systems serving 500 people or fewer, 37 of 90 are Failing or At-Risk. The highest concentration occurs among systems serving 501 to 3,300, at 46%.

Economic context

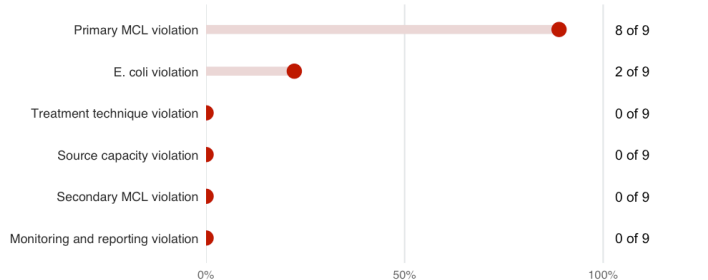
Orange shows Failing or At-Risk systems within each service-area group



DAC and SDAC service areas contain 80 of 116 listed systems. Within those two groups, 39 systems are Failing or At-Risk.

Conditions among Failing systems

A system can appear under more than one condition



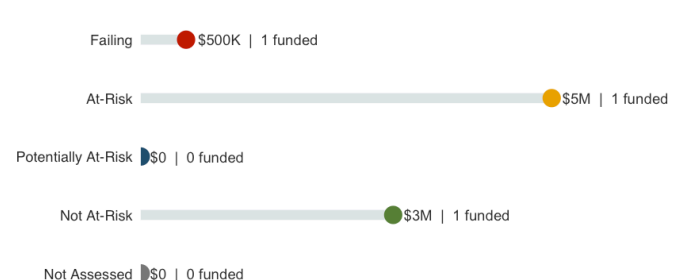
Frequently listed primary analytes

Arsenic	4	Nitrate	4
1,2,3-Trichloropropane	3		

Among 9 Failing systems, 8 report primary MCL violation. The most frequently listed primary analytes are Arsenic, Nitrate, and 1,2,3-Trichloropropane.

Reported funding

Totals since 2017 and number of systems reporting funding



Funding since 2017 totals \$8M across 3 systems. At-Risk systems account for 58% of that total. Reported technical assistance funding adds \$2M.

Key takeaways

39%

of systems are Failing or At-Risk

That represents 45 systems reporting service to 100,494 people. That is above the statewide average of 33%.

47%

of weighted risk comes from Accessibility

The most widespread individual flag is no intertie, found in 102 of 112 assessed systems. Statewide, Accessibility accounts for 36% of weighted risk.

78%

of systems serve 500 people or fewer

Small systems account for 90 of the county's 116 listed systems. That is above the statewide average of 61%.



Interactive SAFER dashboard

For system-level data and current maps, see the State Water Board's SAFER dashboard. Scan the code or visit waterboards.ca.gov/drinking_water/certlic/drinkingwater/saferdashboard.html.