

Butte County public water systems

15
systems are Failing or At-Risk
29% 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 14%	At-Risk 16%	Potentially At-Risk 20%	Not At-Risk 47%	Not Assessed 4%
	Failing	At-Risk	Potentially At-Risk	Not At-Risk	Not Assessed
Systems	7	8	10	24	2
Population	860	1,188	21,282	61,304	114,949
Funding since 2017	\$3M	\$0	\$0	\$28M	\$0

Key figures

51
public water systems

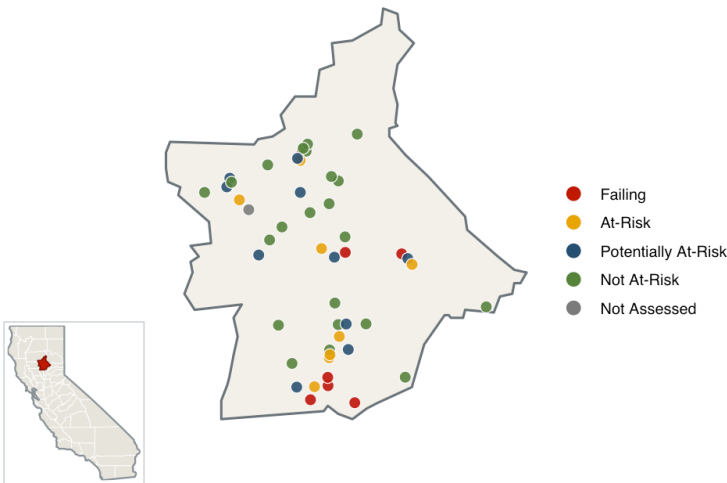
199,583
reported population

76%
serve 500 people or fewer

\$32M
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

Butte County has 51 public water systems in the SAFER dataset. Of these, 15 (29%) are classified as Failing or At-Risk.

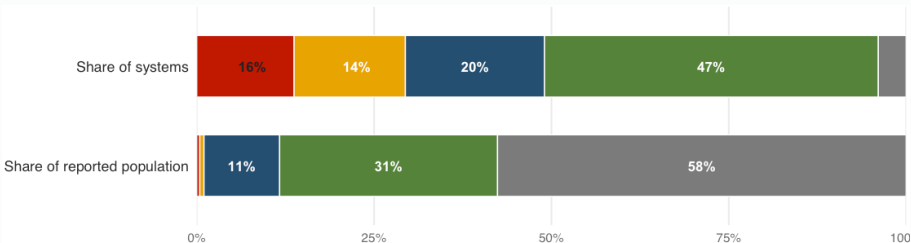
Those systems report serving 2,048 people. The county profile is also shaped by small systems: 39 systems serve 500 people or fewer.

2 systems are listed as Not Assessed, serving 114,949 people, so Not Assessed should not be read as a low-risk classification.

Reported funding since 2017 totals \$32M across 3 systems. Technical assistance funding totals \$5M.

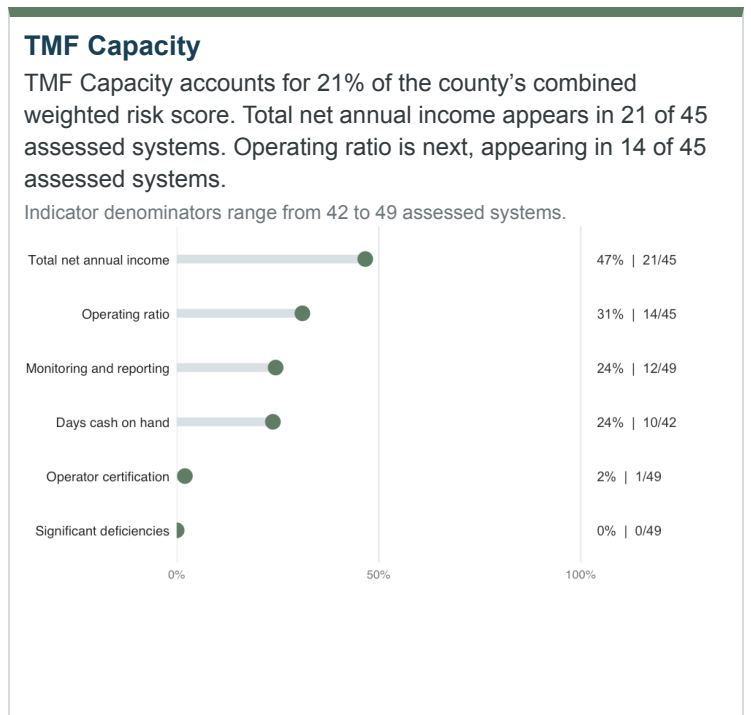
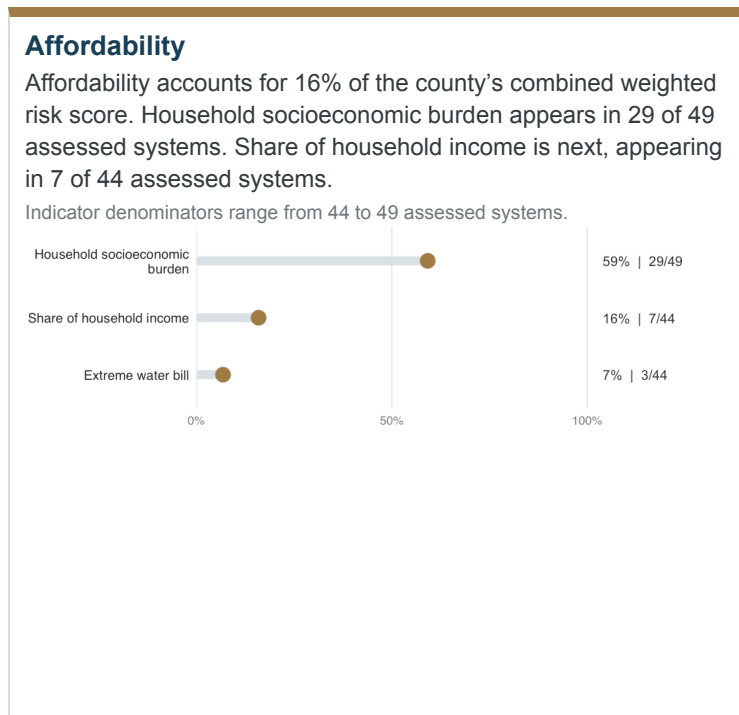
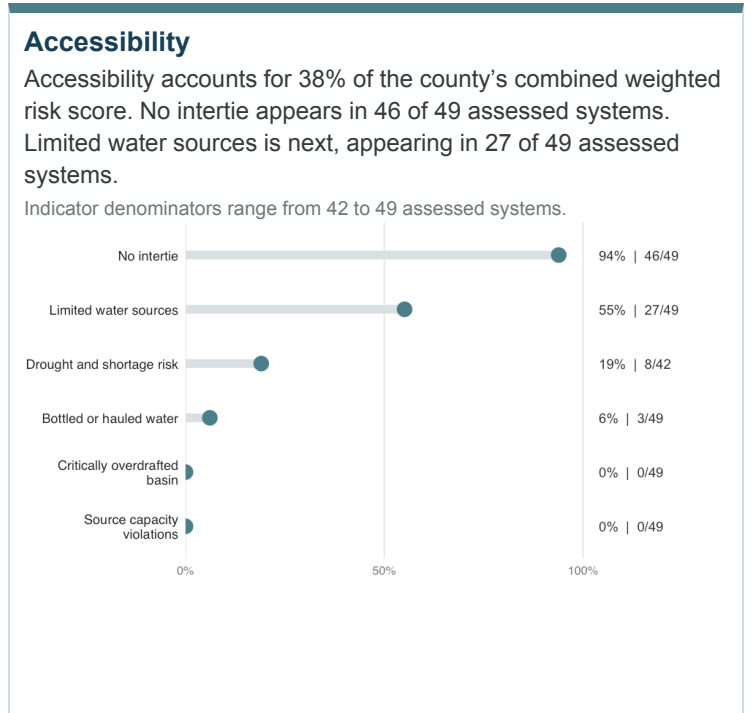
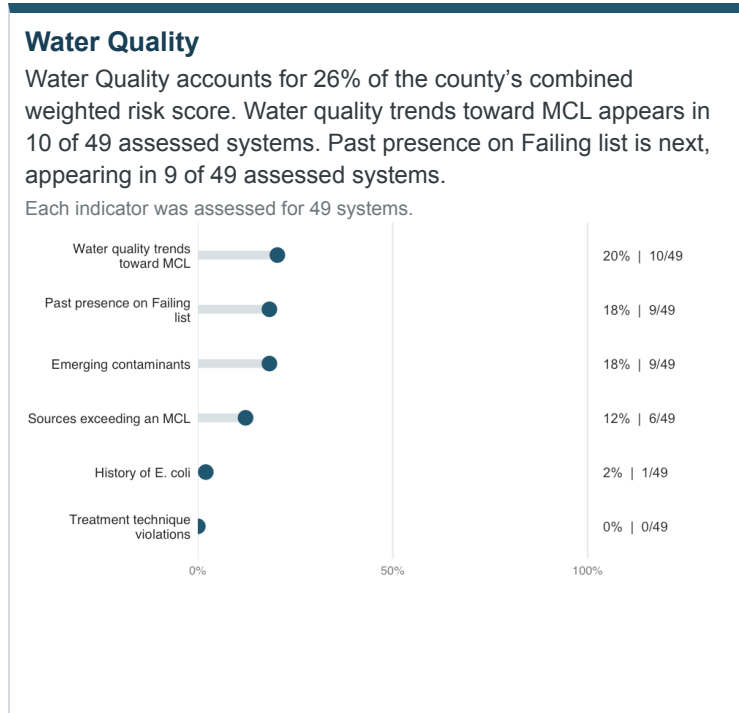
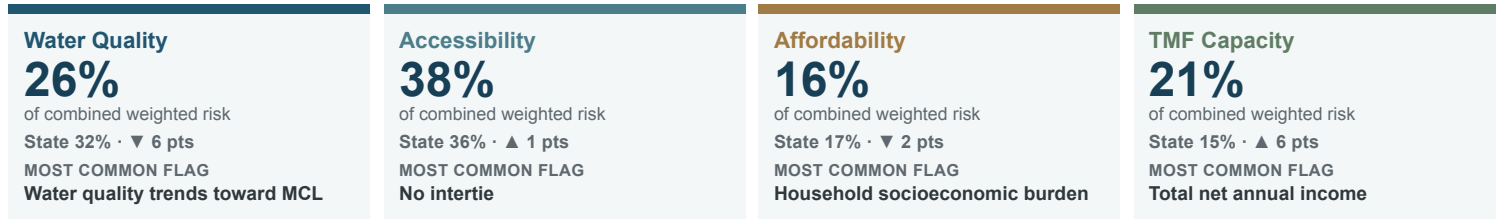
System counts and reported population

Not Assessed systems make up 4% of listed systems and 58% 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 Butte County is distributed across four dimensions. Accessibility contributes the largest share of the combined weighted risk score at 38%. Across all individual indicators, No intertie appears most often, affecting 46 of 49 assessed systems.

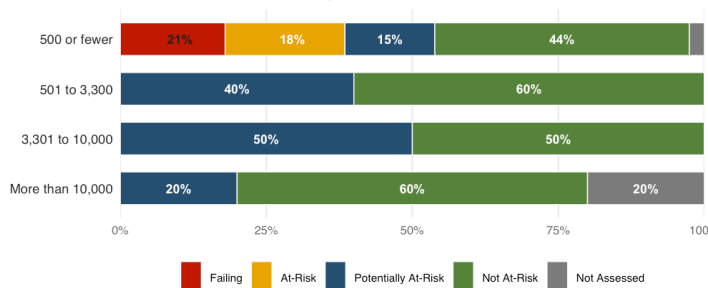


Patterns and context

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 51 systems in Butte County.

Status by system size

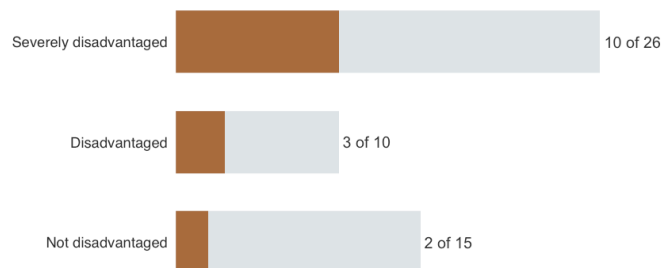
SAFER status within each population group



Among systems serving 500 people or fewer, 15 of 39 are Failing or At-Risk. This size group has the county's highest concentration of high-concern classifications.

Economic context

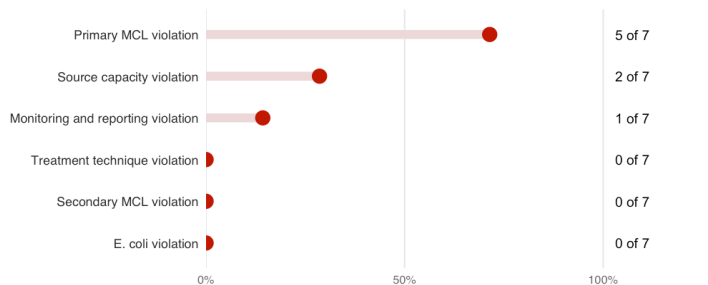
Orange shows Failing or At-Risk systems within each service-area group



DAC and SDAC service areas contain 36 of 51 listed systems. Within those two groups, 13 systems are Failing or At-Risk.

Conditions among Failing systems

A system can appear under more than one condition



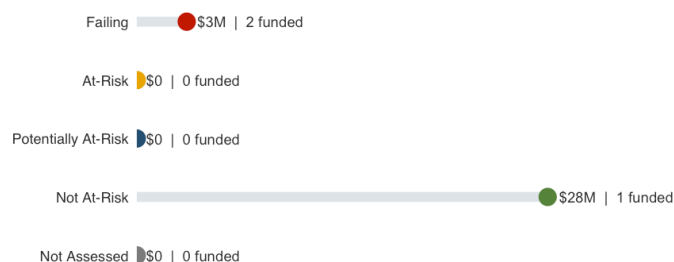
Frequently listed primary analytes

Nitrate	3	1,2,3-Trichloropropane	1
Fluoride	1		

Among 7 Failing systems, 5 report primary MCL violation. The most frequently listed primary analytes are Nitrate, 1,2,3-Trichloropropane, and Fluoride.

Reported funding

Totals since 2017 and number of systems reporting funding



Funding since 2017 totals \$32M across 3 systems. Not At-Risk systems account for 89% of that total. Reported technical assistance funding adds \$5M.

Key takeaways

29%

of systems are Failing or At-Risk

That represents 15 systems reporting service to 2,048 people. That is below the statewide average of 33%.

38%

of weighted risk comes from Accessibility

The most widespread individual flag is no intertie, found in 46 of 49 assessed systems. Statewide, Accessibility accounts for 36% of weighted risk.

76%

of systems serve 500 people or fewer

Small systems account for 39 of the county's 51 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.