

Sierra County public water systems

2

systems are Failing or At-Risk

25% of all systems in the county profile

Status classification

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

At-Risk 25%		Potentially At-Risk 38%		Not At-Risk 38%	
	Failing	At-Risk	Potentially At-Risk	Not At-Risk	Not Assessed
Systems	0	2	3	3	0
Population	0	926	514	2,090	0
Funding since 2017	\$0	\$0	\$7M	\$2M	\$0

Key figures

8

public water systems

3,530

reported population

62%

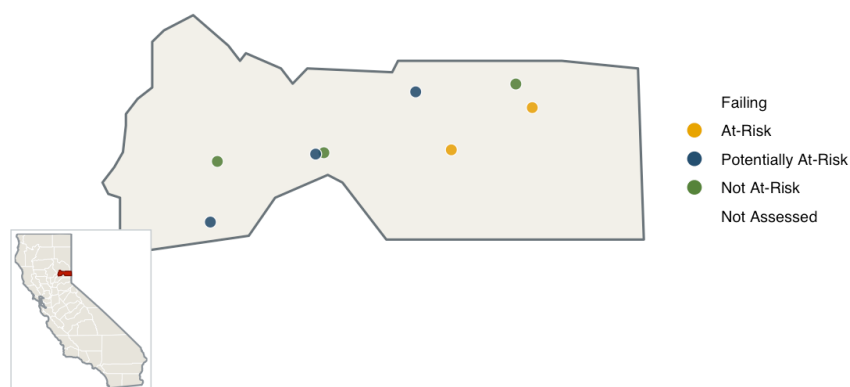
serve 500 people or fewer

\$8M

reported funding since 2017

System locations

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



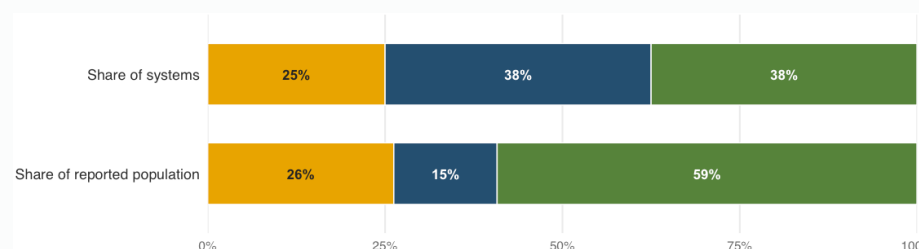
Each point represents one system record. Nearby or overlapping points can conceal multiple systems.

Summary

Sierra County has 8 public water systems in the SAFER dataset. Of these, 2 (25%) are classified as Failing or At-Risk.

Those systems report serving 926 people. The county profile is also shaped by small systems: 5 systems serve 500 people or fewer.

Reported funding since 2017 totals \$8M across 3 systems. Technical assistance funding totals \$921K.



System counts and reported population

Potentially At-Risk systems make up 38% of listed systems and 15% of reported population. This status is concentrated in smaller systems, so it reaches fewer people than its system count suggests.

Risk profile

Risk in Sierra County is distributed across four dimensions. Accessibility contributes the largest share of the combined weighted risk score at 34%. Across all individual indicators, No intertie appears most often, affecting 8 of 8 assessed systems.

Water Quality

20%

of combined weighted risk

State 32% · ▼ 12 pts

MOST COMMON FLAG

Water quality trends toward MCL

Accessibility

34%

of combined weighted risk

State 36% · ▼ 2 pts

MOST COMMON FLAG

No intertie

Affordability

27%

of combined weighted risk

State 17% · ▲ 10 pts

MOST COMMON FLAG

Household socioeconomic burden

TMF Capacity

19%

of combined weighted risk

State 15% · ▲ 4 pts

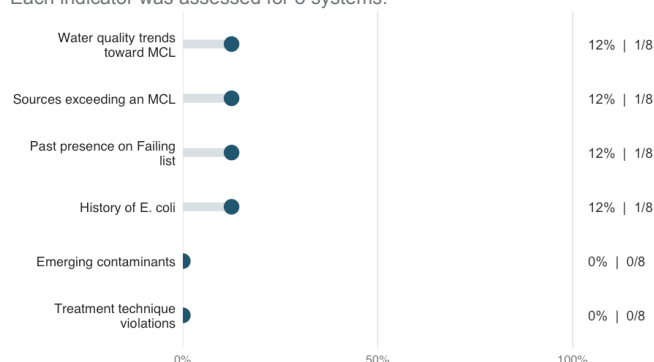
MOST COMMON FLAG

Total net annual income

Water Quality

Water Quality accounts for 20% of the county's combined weighted risk score. Water quality trends toward MCL appears in 1 of 8 assessed systems. Sources exceeding an MCL is next, appearing in 1 of 8 assessed systems.

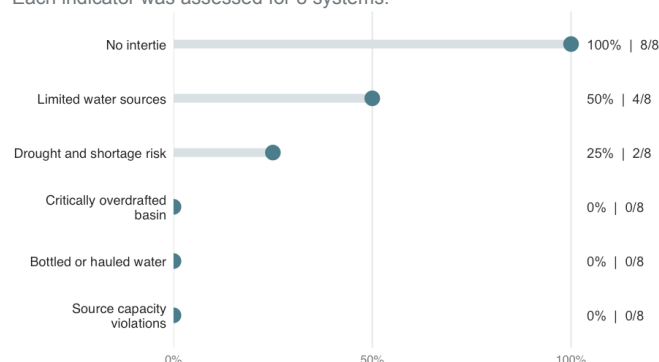
Each indicator was assessed for 8 systems.



Accessibility

Accessibility accounts for 34% of the county's combined weighted risk score. No intertie appears in 8 of 8 assessed systems. Limited water sources is next, appearing in 4 of 8 assessed systems.

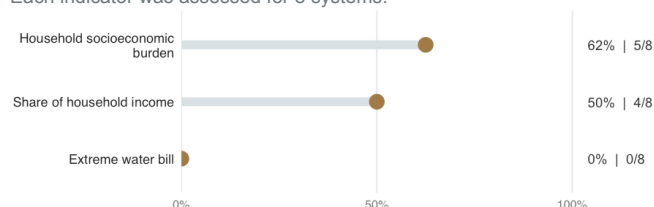
Each indicator was assessed for 8 systems.



Affordability

Affordability accounts for 27% of the county's combined weighted risk score. Household socioeconomic burden appears in 5 of 8 assessed systems. Share of household income is next, appearing in 4 of 8 assessed systems.

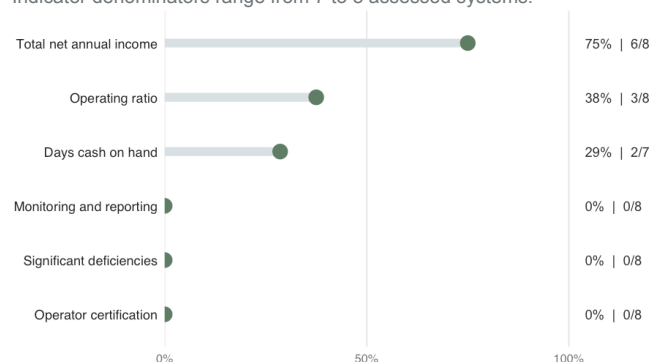
Each indicator was assessed for 8 systems.



TMF Capacity

TMF Capacity accounts for 19% of the county's combined weighted risk score. Total net annual income appears in 6 of 8 assessed systems. Operating ratio is next, appearing in 3 of 8 assessed systems.

Indicator denominators range from 7 to 8 assessed systems.

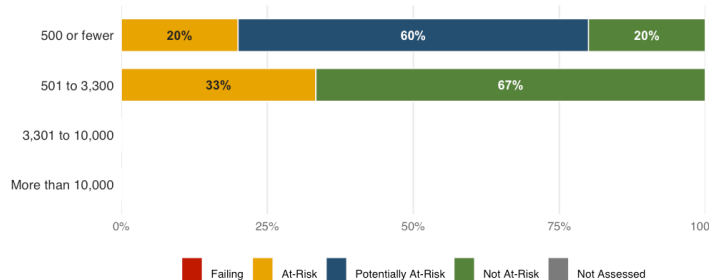


Patterns and context

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 8 systems in Sierra County.

Status by system size

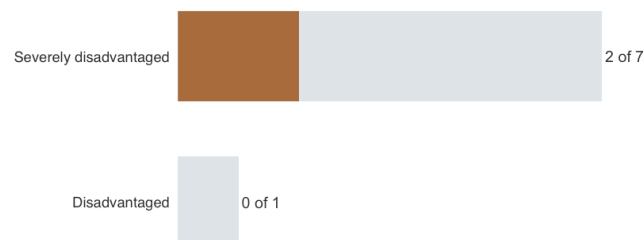
SAFER status within each population group



Among systems serving 500 people or fewer, 1 of 5 are Failing or At-Risk. The highest concentration occurs among systems serving 501 to 3,300, at 33%.

Economic context

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



DAC and SDAC service areas contain 8 of 8 listed systems. Within those two groups, 2 systems are Failing or At-Risk.

Conditions among Failing systems

A system can appear under more than one condition

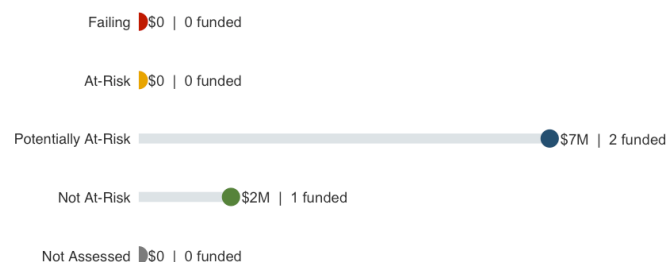
No systems are classified as Failing in this county.

No primary analytes were listed for Failing systems.

No systems in this county are classified as Failing.

Reported funding

Totals since 2017 and number of systems reporting funding



Funding since 2017 totals \$8M across 3 systems. Potentially At-Risk systems account for 82% of that total. Reported technical assistance funding adds \$921K.

Key takeaways

25%

of systems are Failing or At-Risk

That represents 2 systems reporting service to 926 people. That is below the statewide average of 33%.

34%

of weighted risk comes from Accessibility

The most widespread individual flag is no intertie, found in 8 of 8 assessed systems. Statewide, Accessibility accounts for 36% of weighted risk.

62%

of systems serve 500 people or fewer

Small systems account for 5 of the county's 8 listed systems. That is close to 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.