

El Dorado County public water systems

6
systems are Failing or At-Risk
26% 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 26%		Potentially At-Risk	Not At-Risk 61%	
	Failing	At-Risk	Potentially At-Risk	Not At-Risk	Not Assessed
Systems	0	6	2	14	1
Population	0	584	2,794	119,422	132,171
Funding since 2017	\$0	\$0	\$0	\$32M	\$0

Key figures

23

public water systems

254,971

reported population

57%

serve 500 people or fewer

\$32M

reported funding since 2017

System locations

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

Failing

At-Risk

Potentially At-Risk

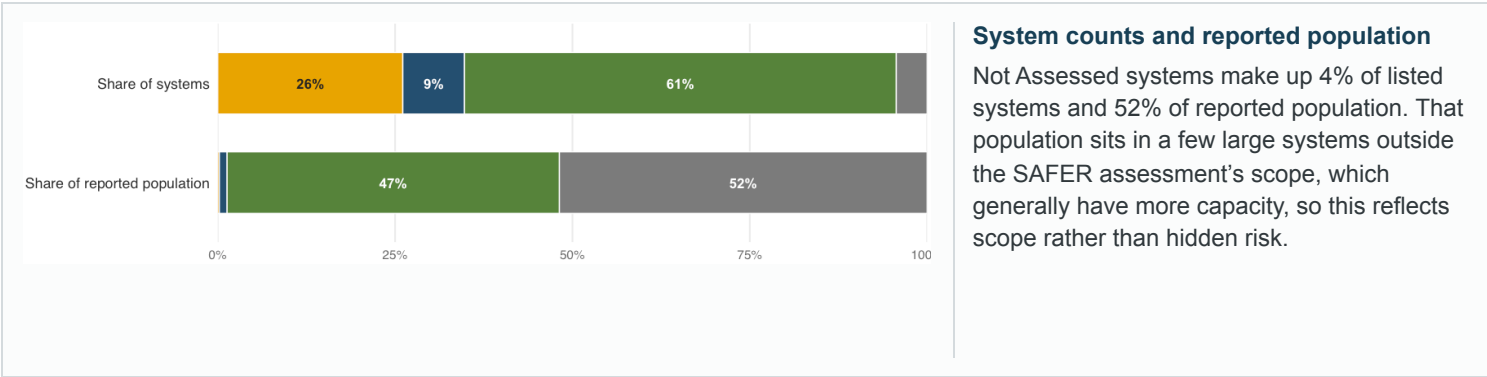
Not At-Risk

Not Assessed

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

Summary

El Dorado County has 23 public water systems in the SAFER dataset. Of these, 6 (26%) are classified as Failing or At-Risk. Those systems report serving 584 people. The county profile is also shaped by small systems: 13 systems serve 500 people or fewer. 1 system is listed as Not Assessed, serving 132,171 people, so Not Assessed should not be read as a low-risk classification. Reported funding since 2017 totals \$32M across 4 systems. Technical assistance funding totals \$35K.



Risk profile

Risk in El Dorado County is distributed across four dimensions. Accessibility contributes the largest share of the combined weighted risk score at 32%. Across all individual indicators, No intertie appears most often, affecting 17 of 22 assessed systems.

Water Quality

28%

of combined weighted risk

State 32% · ▼ 4 pts

MOST COMMON FLAG

Water quality trends toward MCL

Accessibility

32%

of combined weighted risk

State 36% · ▼ 4 pts

MOST COMMON FLAG

No intertie

Affordability

27%

of combined weighted risk

State 17% · ▲ 9 pts

MOST COMMON FLAG

Household socioeconomic burden

TMF Capacity

14%

of combined weighted risk

State 15% · ▼ 1 pts

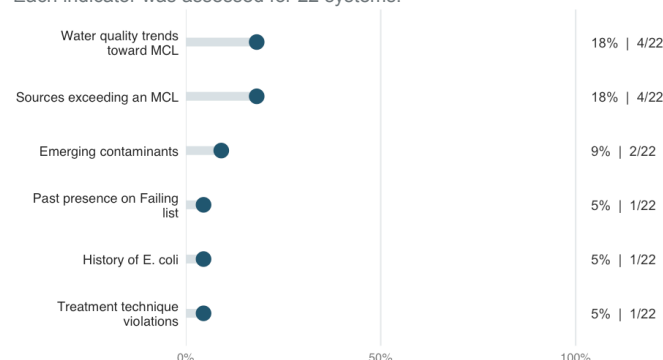
MOST COMMON FLAG

Total net annual income

Water Quality

Water Quality accounts for 28% of the county's combined weighted risk score. Water quality trends toward MCL appears in 4 of 22 assessed systems. Sources exceeding an MCL is next, appearing in 4 of 22 assessed systems.

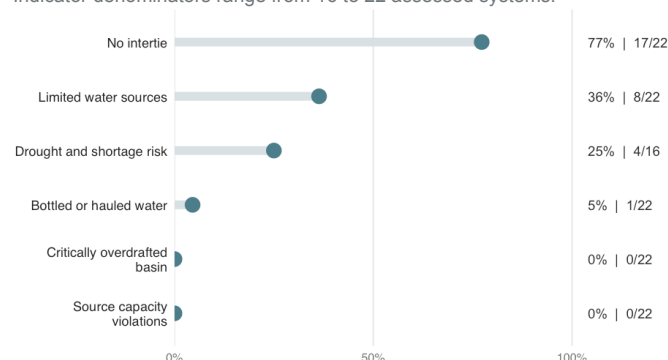
Each indicator was assessed for 22 systems.



Accessibility

Accessibility accounts for 32% of the county's combined weighted risk score. No intertie appears in 17 of 22 assessed systems. Limited water sources is next, appearing in 8 of 22 assessed systems.

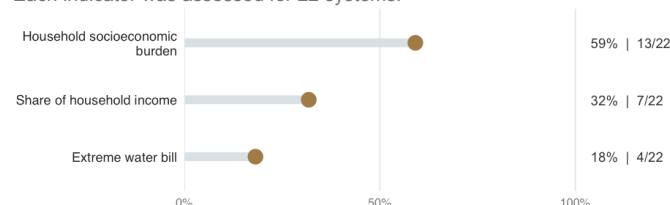
Indicator denominators range from 16 to 22 assessed systems.



Affordability

Affordability accounts for 27% of the county's combined weighted risk score. Household socioeconomic burden appears in 13 of 22 assessed systems. Share of household income is next, appearing in 7 of 22 assessed systems.

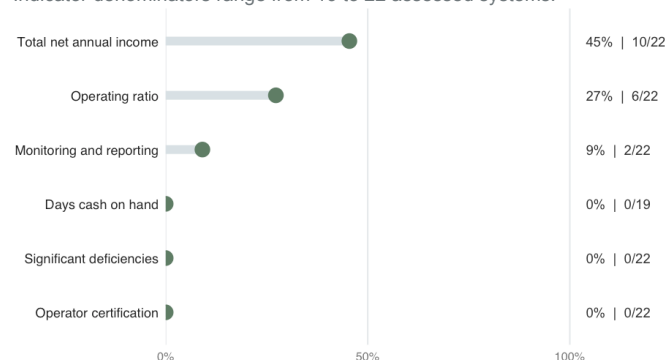
Each indicator was assessed for 22 systems.



TMF Capacity

TMF Capacity accounts for 14% of the county's combined weighted risk score. Total net annual income appears in 10 of 22 assessed systems. Operating ratio is next, appearing in 6 of 22 assessed systems.

Indicator denominators range from 19 to 22 assessed systems.

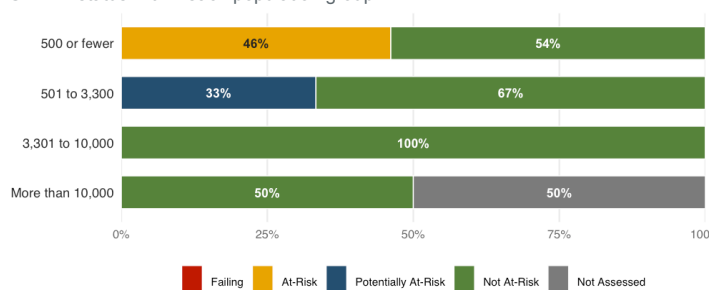


Patterns and context

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 23 systems in El Dorado County.

Status by system size

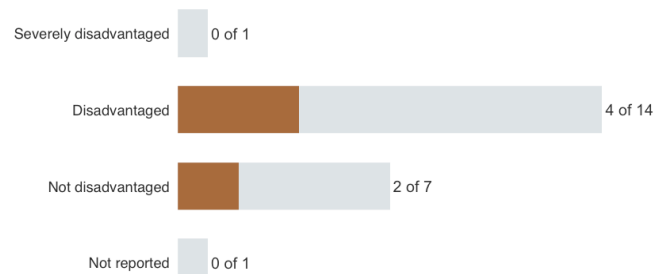
SAFER status within each population group



Among systems serving 500 people or fewer, 6 of 13 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 15 of 23 listed systems. Within those two groups, 4 systems are Failing or At-Risk.

Conditions among Failing systems

A system can appear under more than one condition

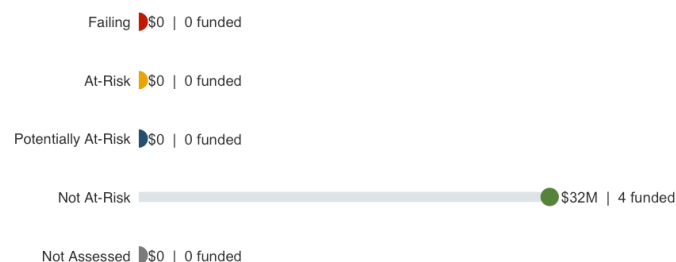
No systems are classified as Failing in this county.

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 \$32M across 4 systems. Not At-Risk systems account for 100% of that total. Reported technical assistance funding adds \$35K.

Key takeaways

26%

of systems are Failing or At-Risk

That represents 6 systems reporting service to 584 people. That is below the statewide average of 33%.

32%

of weighted risk comes from Accessibility

The most widespread individual flag is no intertie, found in 17 of 22 assessed systems. Statewide, Accessibility accounts for 36% of weighted risk.

57%

of systems serve 500 people or fewer

Small systems account for 13 of the county's 23 listed systems. That is below 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.