Water Quality Dashboard

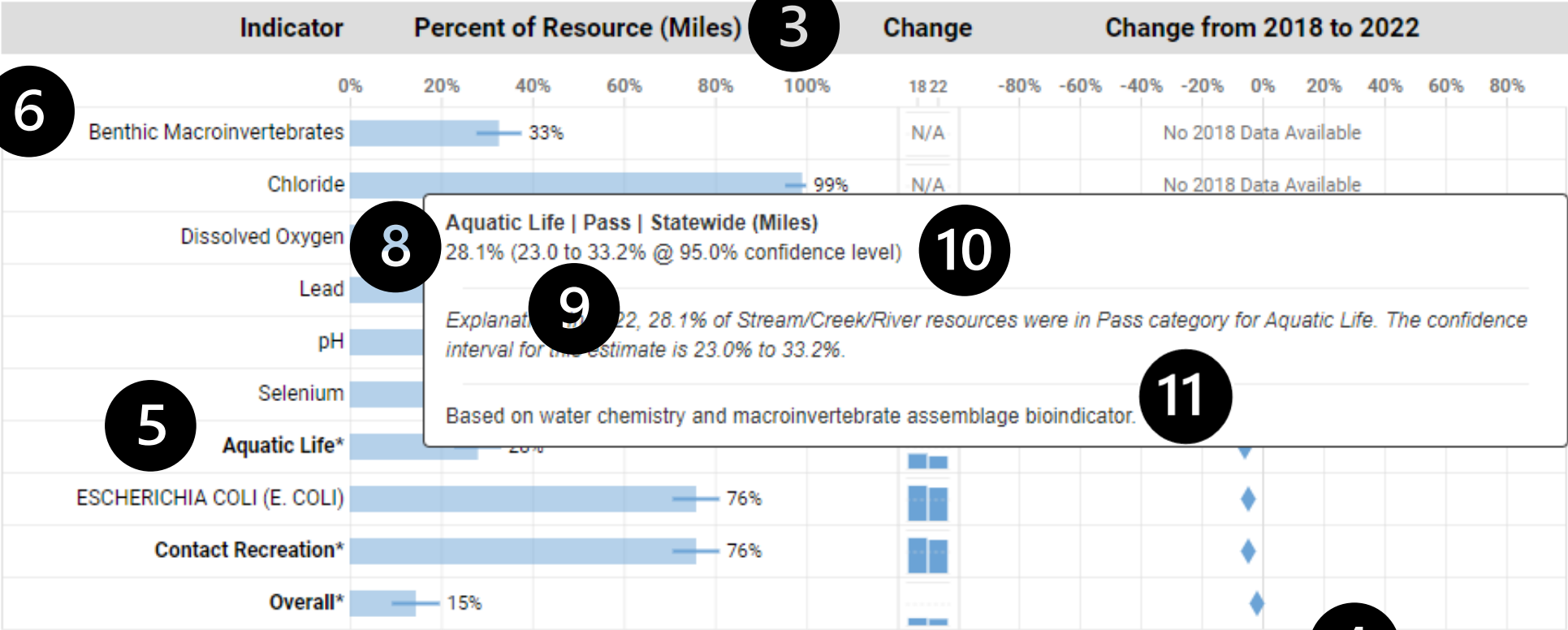## Kansas | 2022 | Percent of Stream/Creek/River Miles in Pass Category

Statewide (Miles) Estimates and Change from 2018 to 2022

Select a State/Territory

Kansas ▼

Select a Resource Type ⑦ **①**

Stream/Creek/River

Select a Subpopulation ⑦ **②**

Statewide (Miles)

Select a Condition Category ⑦ **⑦**

Pass

Select Change Comparison ⑦

Change from 2018 to 2022 ▼

Select Label Options ⑦

Point Estimate ▼

📷 Screenshot of Dashboard

Indicator	Percent of Resource (Miles) **③**	Change	Change from 2018 to 2022
	0% 20% 40% 60% 80% 100%	18 22	-80% -60% -40% -20% 0% 20% 40% 60% 80%
Benthic Macroinvertebrates	33%	N/A	No 2018 Data Available
Chloride	99%	N/A	No 2018 Data Available
Dissolved Oxygen			
Lead			
pH			
Selenium			
Aquatic Life*	28%		
ESCHERICHIA COLI (E. COLI)	76%		♦
Contact Recreation*	76%		♦
Overall*	15%		♦

⑥ **⑤** **④**

⑧ **Aquatic Life | Pass | Statewide (Miles)** **⑩**
28.1% (23.0 to 33.2% @ 95.0% confidence level)

⑨ *Explanat... ...22, 28.1% of Stream/Creek/River resources were in Pass category for Aquatic Life. The confidence interval for the estimate is 23.0% to 33.2%.*

Based on water chemistry and macroinvertebrate assemblage bioindicator. **⑪**

*Represents that the Indicator is a Designated Use or Condition.

This extent (18,791 mi) represents that portion of the 2013 Kansas Surface Water Register (30,278 mi) that contained water during the 2013-2019 sampling period.

About the Dashboard: This dashboard displays statistical survey results which provide an overall picture of water quality condition across a state/territory or subpopulation. From left to right, the graphs display the percentage of aquatic resources in different conditions for the most recent survey year available and the change from the selected survey year. Explore different resource types, subpopulations, condition categories and survey years by using the dropdowns on the right. Hover over a result to see more information and an explanation of the results. For national survey data, please visit EPA's webpage for the National Aquatic Resource Surveys.

General | Survey Water Type Groups

Survey Water Groups ▾

(1) Waterbody Type Group* ⓘ

STREAM/CREEK/RIVER ▾

(2) Subpopulation* ⓘ

Statewide ▾

Target Population Size* ⓘ

18791 | Miles **(3)** ▾

Number of Sites Sampled* ⓘ

100

(4) Comment ⓘ

This extent (18791 mi) represents that portion of the 2013 Kansas Surface Water Register (30,278 mi) that contained water during the 2013-2019 sampling period.

159 / 4000

Survey Water G

STREAM/CREE

Add ➜   Cancel

From this menu, the data manager can add condition estimates for a **Use/Condition** and/or a **Stressor (Indicator)**. A Stressor must be linked to a Use or Condition.
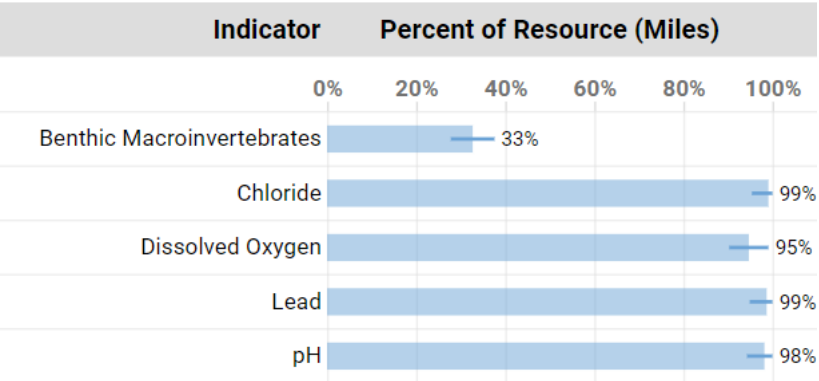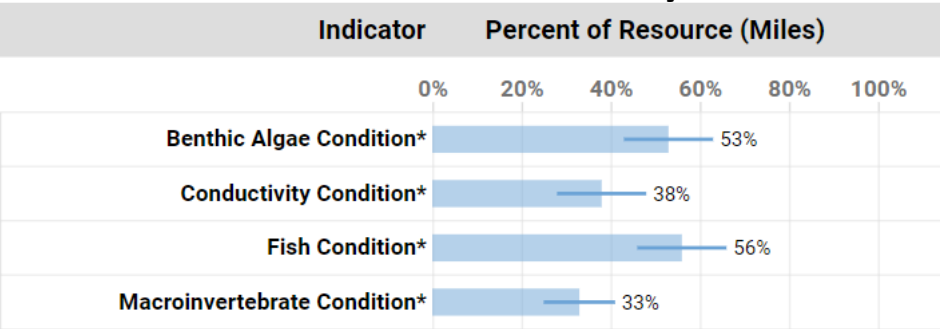
Often, States/Territories/Tribes do not calculate condition estimates for Designated Uses but want to report estimates for individual Stressors (Indicators). To do this and prevent bolding of stressors not linked to a designated use, data mangers must add a "Condition" that is not the same as the Stressor/Indicator. See "Manage Domain Values" in ATTAINS Surveys Module guidance document.

Currently, the dashboard only allows for around a 40-character limit for Indicator labels. Please choose shorter or abbreviated Indicator labels and utilize the Stressor/Indicator comment input to better explain the indicator in the popover, if needed.

Indicator	Percent of Resource (Miles)
Agriculture – Irrigation*	56%
Agriculture – Livestock*	56%
Aquatic And Wildlife (Coldwater Fishery)*	21%
quatic And Wildlife (Warmwater Fishery)*	38%
Fish Consumption*	59%
Full Body Contact*	57%
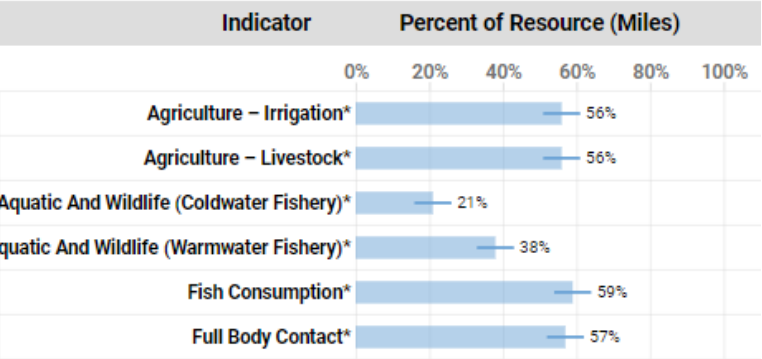
*Represents that the Indicator is a Designated Use.

Parameter Type ● Use or Condition ○ Stressor

Use or Condition* Aquatic and Wildlife (CW Fishery)

Category* Good

Statistic* Condition Estimate

Metric Value* 21 %

Margin of Error* ± 5

Confidence Level* 95 %

Comment Aquatic and Wildlife (Coldwater Fishery)

40 / 4000

Indicator	Percent of Resource (Miles)	Change	Change from 2018 to 2022
Benthic Macroinvertebrates	33%	N/A	No 2018 Data Available
Chloride	99%	N/A	No 2018 Data Available
Dissolved Oxygen	95%		
Lead	99%		
pH			
Selenium			
Aquatic Life*			
Escherichia Coli (E. COLI)			
Contact Recreation*	70%		
Overall*	15%		

Contact Recreation | Pass | Statewide (Miles)
75.9% (70.8 to 81.0% @ 95.0% confidence level)

Explanation: In 2022, 75.9% of Stream/Creek/River resources were in Pass category for Contact Recreation. The confidence interval for this estimate is 70.8% to 81.0%.

Based on E. coli in water.