

Health Survey Insights: Reading Estimates with Confidence

THE QUESTION

How do key population health indicators compare with state benchmarks, and which differences are large enough to act on?

METHOD

Survey estimates retrieved from a public source (CDC BRFSS-style data), weighted for the sampling design and reported with 95% confidence intervals so that overlap with the benchmark is visible at a glance.

RESULTS — SYNTHETIC DATA

INDICATOR	ESTIMATE	95% CONFIDENCE INTERVAL
Current smoking	18.4%	[15.9%, 20.9%]
Diabetes diagnosis	11.2%	[9.8%, 12.6%]
Hypertension	31.5%	[28.9%, 34.1%]

FINDING

The diabetes estimate overlaps the state benchmark, so no difference can be claimed. The smoking estimate sits above the benchmark with intervals that do not overlap, which supports a real difference and targeted action.

WHAT YOU RECEIVE

A 2-page decision brief: indicator table, plain-language interpretation of uncertainty, and one recommended decision per indicator.