

Franklin County has an elevated risk profile. Lead exceeds recommended limits in approximately 100% of tested wells, driven by infrastructure sources. Contamination is often invisible — testing is the only way to confirm your well's safety.

N/A
HOUSEHOLDS ON
PRIVATE WELLS

Varies
PRIMARY
AQUIFER TYPE

ELEVATED
OVERALL
RISK LEVEL

YOUR TOP WATER QUALITY RISKS

| CONTAMINANT | HOW COMMON | RISK LEVEL | SOURCE & CONTEXT |
|-------------------|----------------------------|-----------------|---|
| Lead | ~100% above limit | High | Infrastructure — Older well casing materials and household plumbing |
| Manganese* | ~60% above aesthetic limit | Moderate | Geological — Found in reducing aquifer zones alongside iron |
| Iron* | ~59% above aesthetic limit | Moderate | Geological — Common in glacial and alluvial aquifers; staining and taste |
| Arsenic | ~33% above limit | High | Geological — Naturally dissolves from bedrock and glacial sediment |
| Sulfate* | ~22% above aesthetic limit | Moderate | Geological — Natural dissolution from gypsum and sulfate minerals |

* Secondary standard — an aesthetic limit for taste, odor, or staining. Not a health-based EPA limit.

WHAT TO DO NEXT

- Order a water test.**
Test for Lead, Manganese, Iron, Arsenic, coliform bacteria. Bacteria annually; others every 3–5 years.
- Get your free county report.**
See full data, treatment options, and certified labs at <https://yourwaterreport.com/states/oh/franklin-county/>
- Upload your lab results.**
We'll interpret them, flag anything above limits, and recommend next steps — free.

KNOW YOUR WELL

Well age / year drilled

Last water test date

Treatment systems installed

Well driller / service contact

WHAT YOUR RESULTS MEAN

Use this to interpret your lab report — match the contaminant to your result.

| IF YOUR TEST SHOWS | WHAT IT MEANS | CONSIDER |
|---------------------------------|--|---|
| Bacteria detected | Immediate concern | Shock chlorination; add UV system |
| Lead > 15 µg/L | EPA action level exceeded | RO filter; inspect well casing |
| Manganese > 0.05 mg/L | Aesthetic + health concern at high levels | Oxidation + filtration system |
| Iron > 0.3 mg/L | Staining, taste — aesthetic issue | Oxidizing iron filter |
| Arsenic > 10 µg/L | EPA limit exceeded — chronic cancer risk | Reverse osmosis or activated alumina filter |

WHO SHOULD USE THIS

- Homeowners on private wells — not covered by public water testing
- Home buyers doing due diligence before closing
- Families with infants, elderly, or immunocompromised members
- Anyone who hasn't tested their well in the past 3 years

LOCAL RESOURCES

Drinking Water | Brookside Laboratories, Inc.
<https://www.blinc.com/AVAILABLE-ENVIRONMENTAL-TESTS>

Full county report
<https://yourwaterreport.com/states/oh/franklin-county/>

Free personalized well water report at
<https://yourwaterreport.com/states/oh/franklin-county/>

Data: EPA ECHO · USGS NWIS · Water Quality Portal · U.S. Census ACS
For informational purposes only. Contact a licensed professional for testing and treatment.