

Franklin County has an elevated risk profile. Radon is detected in ~100% of wells, driven by geological 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   |
|-------------|----------------------------|--------------|--|
| Radont      | ~100% of wells             | Advisory     | Geological — Radioactive gas dissolved from uranium-bearing rock         |
| Arsenic     | ~29% above limit           | High         | Geological — Naturally dissolves from bedrock and glacial sediment       |
| Iron*       | ~27% above aesthetic limit | Moderate     | Geological — Common in glacial and alluvial aquifers; staining and taste |
| Chloride*   | ~1% above aesthetic limit  | Low-Moderate | Road/Geological — Road salt application and natural mineral deposits     |
| Sulfate*    | ~99% of wells              | Low-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.

† No finalized EPA primary MCL. Figure shows detection frequency, not regulatory exceedance.

WHAT TO DO NEXT

- Order a water test.**  
Test for Radon, Arsenic, Iron, Chloride, 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/ny/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           |
| Radon > 4,000 pCi/L | EPA proposed limit; also affects indoor air | Aeration system; test indoor air            |
| Arsenic > 10 µg/L   | EPA limit exceeded — chronic cancer risk    | Reverse osmosis or activated alumina filter |
| Iron > 0.3 mg/L     | Staining, taste — aesthetic issue           | Oxidizing iron 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

How to get your Drinking Water Tested in Hudson Valley New York and Connecticut - York Lab  
<https://yorklab.com/how-to-get-your-drinking-water-tested-in-hudson-valley-new-york-and-connecticut/>

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

Free personalized well water report at  
<https://yourwaterreport.com/states/ny/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.