

## Definitions and Notes

### Mapping Lead Service Lines by Water Utility: Visualizing Indiana's Data

**Service Connections** – All types of water service lines serviced by the utility.

**Lead Service Lines** – Water service connections made up of any or all lead portions, including lead goosenecks.

**SDWIS** – [EPA's Safe Drinking Water Information System](#), an online tool that provides information about utility violations of EPA drinking water regulations. We used SDWIS data for the total number of service connections for each utility.

**LCR 90th Percentile Sample** – Lead monitoring results required under the Lead and Copper Rule (LCR). 90th Percentile Samples, while reported in mg/L or ppm, are more commonly discussed in parts per billion (ppb). The current lead action level is 0.015 ppm or 15 ppb for drinking water per the LCR.

**Data Source** – Refers to the Indiana survey question "Is Number Estimated (E) or from Records (R)," which indicates whether the number of service lines with any lead portions is an estimated or recorded number. You can find the [Indiana survey here](#).

#### Notes:

**Addresses:** The center of each mapped dot is set by the address provided by the utility in their response to Indiana's survey. This is an administrative address that may – in some cases – be a bit distant from the actual water system.

**Categories for service connection with lead service lines (shade):** We selected categories with the aim of having roughly equal numbers in each category (for those greater than 0%). However, different categories may be appropriate depending on a state's data and the goal of the map.

Shade (% LSLs):

- 189 utilities with 0% of service lines with lead portions (white)
- 41 utilities with >0 to 5% of service lines with lead portions (light purple)
- 46 utilities with >5 to 25% of service lines with lead portions (purple)
- 31 utilities with >25 to 100% of service lines with lead portions (dark purple)