



2024 Fiber Deployment Cost Survey

Survey Instructions & FAQs

What is this survey?

The purpose of this survey is to understand the cost of deploying fiber in various geographic and construction scenarios. Survey results will be anonymized and aggregated in a published report (expected December 2024), with the goal of providing the fiber industry with reliable and accurate cost benchmarks.

How is the survey structured?

This survey will ask you to consider a recent fiber deployment and answer questions about that project, such as construction metrics for the Access Network (Deployment Costs) and Customer Drops (Drop Costs).

What does this survey consider to be a deployment project?

For this survey, a project refers to any last-mile deployment, from a small neighborhood edge-out to a full city expansion. The important thing is that you have metrics that are specific to that deployment.

We're most interested in projects that are typical for your firm. If you wish to provide more examples, you can take the survey multiple times, once for each project.

Note this excludes middle mile build-outs/costs, which NTIA defines as infrastructure that aggregates large quantities of traffic for carriage between networks and does not typically reach the end user's location.

What do I need to have prepared before taking the survey?

Before you start the survey, it would be beneficial to have the following information on hand. Once in hand, the survey itself should take roughly 15 – 20 minutes.

Build Scenario	<ul style="list-style-type: none">• Project scale in fiber miles and/or households passed• General estimate of population density based on homes per route miles• Terrain type (e.g., rocky ground)• Age in years of construction agreement
Access Network	<ul style="list-style-type: none">• Deployment Type: Aerial and/or Underground• Pole ownership (aerial only)• Construction methods (underground only)• Average cost per home passed

Access Network (Cont.)

- Average cost per foot of network
- Rough allocation of the deployment cost per foot between:
 - Labor
 - Materials
 - Make-Ready Costs (aerial only)
 - Permits (underground only)
 - Engineering
 - Other

Note: When determining the cost of internal labor, please use fully-loaded costs where possible

Customer Drops

- Drop type: Aerial and/or underground
- Average cost per drop
- Rough allocation of cost per drop between:
 - Labor
 - Materials
 - Other
- Average length of the customer drops

Note: Exclude costs to install inside the customer premise for this section

Please provide your best estimate if unable to track down data for any of the questions; otherwise, you may skip ones you are completely unable to answer.

Also note there will be space at the end of the cost sections to provide additional context about the project for unique circumstances that impacted the reported costs.

Can I enter additional submissions for multiple projects?

If you'd like to provide responses for multiple projects, please reopen the survey link to retake the survey with new cost data. We greatly appreciate the effort to provide multiple entries.

Ready to take the survey? [Click here](#)

Please reach out to Deborah Kish at dkish@fiberbroadband.org with any questions.

Established in 2001, and the only all-fiber trade association in the Americas, the Fiber Broadband Association (FBA) provides advocacy, education and resources to companies, organizations and communities who want to deploy the best networks through fiber to the home, fiber to the business and fiber everywhere. Our member-led association collaborates with industry allies to propel fiber deployment forward for a better broadband future here and around the world. www.fiberbroadband.org

