

Number of households served by optical fiber cable



Overview

Data from the network owners reveals that, in the first quarter, 3.16 million households still took out fixed broadband over cable (coax), and 3. Fiber-optic had already been on the rise, but, in the first quarter of 2025, the number of households with fiber-optic plans exceeded for the first time the number of households with cable-based broadband plans. This has been revealed by the latest figures in the Telecom Monitor of the Netherlands. Broadband connectivity is an essential tool for accessing communication, information, public services, remote work, online health services and cultural resources. The OECD provides key broadband statistics to help inform policy decisions. 1 million). On the occasion of the FTTH Conference 2025, the Market Intelligence Committee of the FTTH Council Europe release the 2025 edition of the FTTH/B Market Panorama, presenting the latest insights in terms of FTTH/B coverage and adoption in Europe as of September 2024. Why is the expansion going so slowly?

What challenges need to be overcome?

And above all, what solutions can be used to accelerate the process?

To. Whilst superfast fibre broadband is currently sufficient for the majority of UK households, the demand for such services is increasing, and there are still around 750,000 premises in the UK without a superfast broadband connection.



Article Content

Fiber networks now pass 295 million homes across Europe

At the same time, fiber adoption continues to accelerate. The number of FTTH/B subscribers across the EU39 reached around 160 million, reflecting more than 13% year-on-year

14 Fiber Optics Statistics, Facts and History in 2026

If you're curious about where the fiber optics industry stands in 2023, take a look at our list of 17 fiber optics statistics and facts.

PwC survey 2025: challenges of fiber-optic expansion

In mid-2024, only 23 percent of households were connected to the fibre network (homes connected), and only 11 percent had booked a fibre connection. Why is

Broadband

Most U.S. households' access to fixed broadband is delivered through fiber-optic cables, copper telephone lines (DSL), or coaxial cables. Coaxial cables, the same lines that carry cable television,

Report: Almost 56% of U.S. Households Are on Fiber Networks

The availability of fiber internet service across the United States grew from 45.9% of households to 55.6% between December 2021 and June 2023, according to a study by BroadbandNow. The site

Fiber optics: 32.1 percent of households have a connection

Across all technologies, 75 percent of households are supplied with data transmission rates of 1000 Mbit/s. A large proportion of this is based on the

U.S. Home Fiber Deployments Top 88M homes passed

The most recent North American Fiber Deployment Report by RVA LLC Market Research & Consulting (RVA) released in January 2025 presented

Over Half of America Now Has Access To Fiber

It denotes how many people or households can potentially utilize fiber-optic services because the necessary infrastructure is in place. In our

The State of US Broadband in 2022: Reassessing the

Broadband Technologies Wireline Internet service, transmitted through fiber optic cables, copper telephone lines, or coaxial cables, is still the primary

Fiber Broadband Association Reports Record Fiber-To

The Fiber Broadband Association helps providers, communities, and policymakers make informed decisions about how, where, and why to build better

Full-fibre broadband reaches nearly 7 in 10 homes

Full-fibre take-up climbs year on year The number of households signed up to full-fibre broadband services where available has risen from 28% to

Fiber Passes Over 50% of U.S. Households

Fiber Passes Over 50% of U.S. Households This year, fiber broadband hit all new records, with 9 million newly passed U.S. homes added by

U.S. fiber rollouts now pass ~52% of homes and

Fiber optic network deployments have reached a milestone as they now pass more than 50% of U.S. households, according to recent report from the

Share of households with broadband connections

It reflects the share of households that have access to fixed broadband (DSL, cable, fibre, satellite, terrestrial fixed wireless or other fixed wired technologies) or mobile broadband services of 256 Kbps

List of sovereign states by number of broadband Internet subscriptions ...

This article contains a sortable list of countries by number of broadband Internet subscriptions and penetration rates, using data compiled by the International Telecommunication Union.

FBA report: 43% of U.S. households now have access to fiber

All told, the study indicated fiber is now available to approximately 43% of U.S. households. Of the 60.5 million homes now passed by fiber, approximately 24.3 million are

Fiber-Optic Internet In the United States at a Glance

Below, we'll lay out everything consumers should know about fiber internet. For more details on the fiber internet market in the U.S., including the

UK fibre optic broadband statistics

Whilst superfast fibre broadband is currently sufficient for the majority of UK households, the demand for such services is increasing, and there are still

Study: 4 million households need to be connected to fiber optics every ...

Study: 4 million households need to be connected to fiber optics every year According to an analysis for Anga, the government's goal of "fiber optics for all" by 2030 is looking bleak. The

European FTTH/B Market Panorama 2025

The total number of homes passed with Fibre to the Home (FTTH) and Fibre to the Building (FTTB) in the EU39 1 reached 269 million homes in September 2024, compared to nearly

The Status of U.S. Broadband: The Growing Preference to Fiber

Reviewing recent movement in market share based on FBA/ RVA consumer surveys, it is clear that the fiber broadband or FTTH share continues to accelerate, while the cable modem (DOCSIS) share is

ACM Telecom Monitor Q1 2025: Majority of households uses fiber

Data from the network owners reveals that, in the first quarter, 3.16 million households still took out fixed broadband over cable (coax), and 3.27 million did so over fiber-optic. In the previous quarter, these

Share of households with broadband connections

This indicator measures the uptake of broadband connectivity by households. It reflects the share of households that have access to fixed broadband (DSL, cable, fibre, satellite, terrestrial fixed wireless

Households with fibre-optic connections Germany | Statista

This statistic shows the number of households with access to fiber-optic communications in Germany from 2007 to 2024, with an estimate for 2025.

A Guide To Understanding Fiber-to-the-Home

Optical fiber and fiber optic cables can be made for less than the equivalent length of copper wire. It is now the primary transmission medium used

Global Fiber Development Index: 2020

Fiber-optic cable supports extremely high bandwidth, limited only by the active components at either end. Once installed, the speed-upgrade potential of the actual fiber cable is, therefore, practically

Full-fibre broadband reaches nearly 7 in 10 homes

A record 20.7 million UK homes can now access full-fibre broadband, according to Ofcom's latest annual report on the nation's broadband and mobile

US fiber rollouts reach tipping point but are still far

US fiber rollouts reach tipping point but are still far behind HFC Fiber now passes about 51.1% of US households, and fixed wireless access continues

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