

Appendices:

Appendix A: Current internet connectivity position in Denbighshire

Based on Ofcom figures (which are appropriate to use for planning purposes on this topic), Denbighshire has the following numbers of premises (where a premise equates to an address, i.e. could be a business address, or where one building might contain multiple flats, each of which is a premise).

Total number of premises 50,724

Number of Premises with less than 30mbs 2,580 (previous year 2,690)

Number of Premises with less than 10mbs 1074 (1,145)

Number of premises with less than 5mbs 606 (665)

Number of premises with less than 2mbs 219 (255)

Fibre To The Premise (FTTP) Coverage Comparison:

(Openreach figures March 2025)

UK 76% (previous year 63.43%)

Wales 76.62% (61.85%)

Denbighshire 83.05% (73.19%)

Appendix B: Further Detail Regarding the Options and Complexities around Improving Connectivity in Denbighshire

1. DCC's Limited Ability to Influence Openreach Work

1.1. The UK Government classes telephony as an Open Market. This means it is not Openreach's sole responsibility to connect every premise. There are dozens of telephony/internet providers in the UK, whom, have the same opportunity to connect Denbighshire's premises. They choose not to do so, because of the expense.

2. Gigabit Voucher Grant (Currently Paused for most of the UK)

2.1. The UK Government provides a grant called 'Gigabit Vouchers', which offers funding for fibre-based internet installations. This grant gives eligible premises up to £4,500 towards the cost of having fibre installed.

2.2. By forming groups of eligible properties and pooling said money, it is sometimes possible to cover the quote provided by Openreach to install fibre via their Fibre Communities Programme.

2.3. This process takes approximately two years; Six months to form the group, gather data and apply, Openreach then quotes an 18-month lead time for completion after signing the contract.

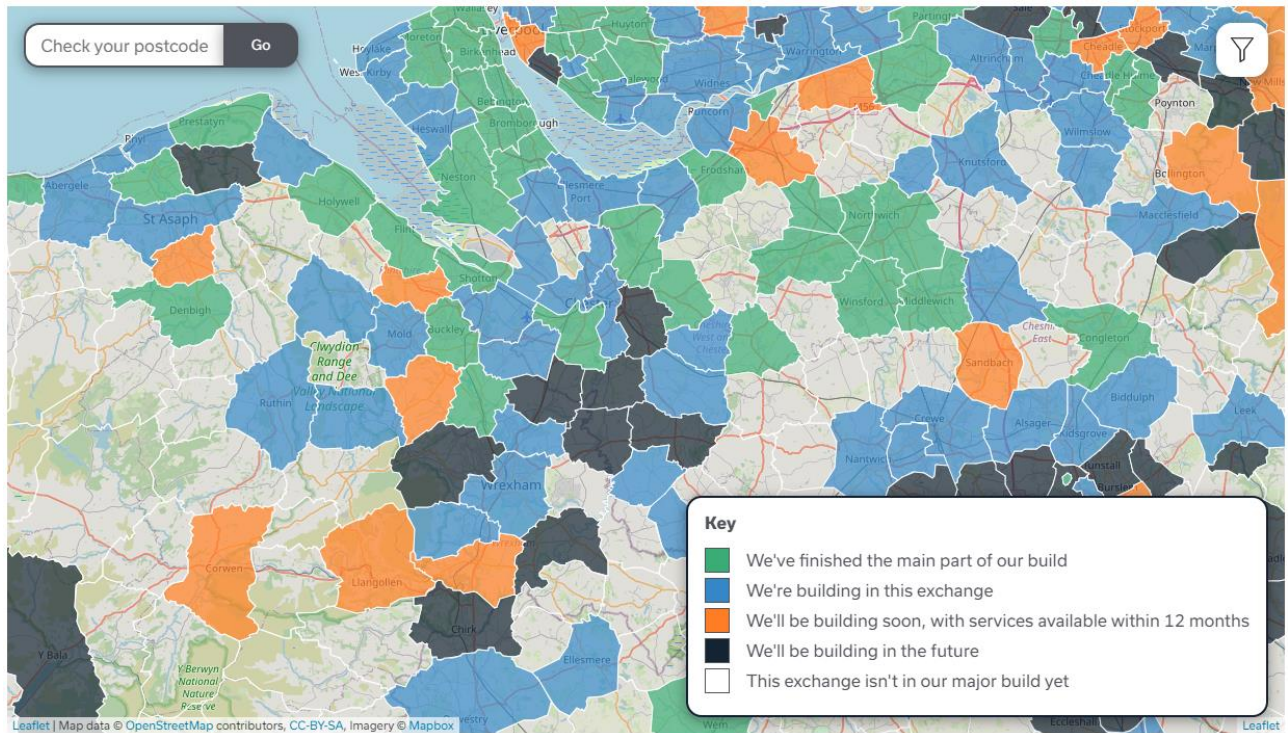
2.4. Properties eligible for the Gigabit Vouchers are ones that receive less than 100mbps and are not in a current upgrade scheme or have not been classed as 'under-review' for an upgraded by Openreach.

2.5. UK Government has paused the 'Gigabit Voucher' scheme in Wales, until it finalises the 'Gigabit Project' roll-out plan.

2.6. The Welsh Government no longer contributes towards the Gigabit Vouchers.

3. Planned Upgrades in Denbighshire

3.1. A historic map shows the scope of Openreach's exchange area upgrade program. Openreach promise to upgrade a minimum of 75% of the premises in each exchange upgrade area to full fibre, by December 2026.



The exchanges in the scheme are:

Exchange Name	Build Progress (March 2025)
Denbigh	95.3%
Prestatyn	89%
Rhyl	83.3%
Rhuddlan	81.7%
St Asaph	60.9%
Trefnant	69.1%
Corwen	48.6%
Ruthin	47.4%
Llanarmon Yn Ial	45.6%
Llangollen	18.6%
Dyserth	18.6%

The Exchanges that are not in the scheme are:

Bodfari
 Bryneglwys
 Clawdd Newydd
 Cyffylliog
 Glyndyfrdwy
 Llandegla
 Llandyrnog
 Llanferres
 Llanynys
 Nantglyn

4 Alternative Technologies

4.1 As an interim solution for poorly connected areas, there is grant funding for the purchase and installation of 4g routers with external antennas.

4.2 Fixed Wireless Broadband and Starlink: These technologies offer reasonable connectivity for most of Denbighshire but should not be considered as a long-term solution. The Welsh Government grant 'Access Broadband Cymru' offers funding to purchase the equipment and cover the cost of installation. Starlink is prohibitively expensive costing £75 per month.