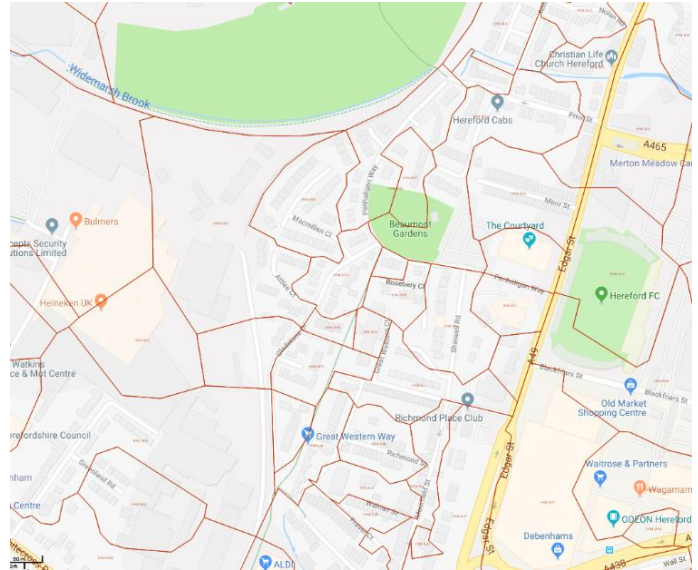


1. INTRODUCTION

Geoplan SuperPro Postcode Unit Postcode Boundaries provide a geographic boundary for most of the 1.7 million Postcodes (e.g. HG1 5AW) in the UK for the most demanding Postcode analysis. The boundaries are generated using Geoplan's Geopoint product and the Geoplan SuperPro Postcode Sector Boundary file. Tessellation techniques are used to create implied boundaries, which are ideal for detailed thematic mapping of customer data, selecting Postcodes for mailing campaigns and analysis of Postcode based geo-demographic classification systems.

If you have any questions relating to the information in this document, please contact Geoplan Support on +44 (0)1423 722719, or email support@geoplan.com. The Support Team is available Monday – Friday, 9.00am – 5.00pm GMT, excluding UK public holidays.

2. IMAGES



3. DATA

Layer Name	Total Records
SuperPro Postcode Unit Boundaries	Approx. 1,650,000

Source – Geoplan

Recency – Updated quarterly

Geographical Coverage and Accuracy – UK

Projection – OSGB, WGS84 and other projections available on request.

Available Formats – SHP, TAB, MIF, CSV, TXT and other formats available on request

Layer Type – Boundary layer

Attributes –

Attribute Name	Example
COM_UNIT	TD1 1BU
POSTAREA	TD

4. DATA HEALTH

Data Health	Green
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- Postcode geography for the most demanding postcode analysis
- Updated quarterly

5. LICENSE INFORMATION

License type – Perpetual

Update cycle – Updates are available quarterly

6. FURTHER INFORMATION

Data Specification

Header Record	Description	Maximum Field Size	Example
COM_UNIT	Commercial Postcode	8	TD1 1BU
POSTAREA	Postcode Area	2	TD

Content Information

Vertical Streets - Occurrences of multiple postcodes occupying the same location:

Multiple postcodes that exist with the same grid reference are represented by single boundary with a unique identifier in the COM_UNIT field, prefixed by a "V" so the location can be identified as having multiple Postcodes for that location, these boundaries are referred to as 'Vertical Streets'. The unique identifier that makes up the vertical street and can be cross referenced with the new Vertical Street lookup file to identifier the Postcodes.

For example, the two postcodes TD1 3HE and TD1 3HF occupy the same grid location (350707, 635136) for which a postcode boundary has been created by Geoplan named VTD14156. By cross-referencing the VSTREET name in the Vertical Street lookup table it can be deduced that the Vertical Street VTD14156 contains the two postcodes.

Header Record	Description	Maximum Field Size	Example 1	Example 2
VSTREET	Geoplan Postcode	8	VTD14156	VTD14156
COM_UNIT	Commercial Postcode	8	TD1 3HE	TD1 3HF
POSTAREA	Postcode Area	2	TD	TD
X_COORD	X Co-ordinate	Integer	350707	350707
Y_COORD	Y Co-ordinate	Integer	635136	635136

Vertical Streets should be considered when mapping this data in terms of styling/ labeling and accounts approximately 4% of the records.

Non-Geographic Postcodes - Postcodes that have no determinable physical geographical location:

Non Geographic Postcodes are identified by checking if the Postcode Sector it represents has a geographic Postcode Sector Boundary. If the Postcode Sector element is not found in the Postcode Sector Boundary then it is not used in the creation of the Postcode boundaries. Generally these Postcodes represent PO Box addresses rather than a number of geographic address unit distributed on a road. The PO Box may have a known position but is unsuitable for the generation of a Postcode Sector boundary due to the small physical size it would represent. These Non Geographic postcodes will be represented in the DISCARD lookup file and would have a status flag of "NONGEOGRAPHIC".

Header Record	Description	Maximum Field Size	Example 1	Example 2
COM_UNIT	Commercial Postcode	8	TD6 6TL	VTD14156
POSTAREA	Postcode Area	2	TD	TD1 3HF
STATUS	Postcode status	7	NONGEOGRAPHIC	TD
X_COORD	X Co-ordinate	Integer	357612	350707
Y_COORD	Y Co-ordinate	Integer	631752	635136

Discarded Postcodes - Postcodes where the quality of location data is poor:

There are small number of Postcodes from the source data which are not represented as a Polygon because of its location in relation to the other Postcodes (and subsequent Polygons) i.e. in they fall outside the Postcode Area, or in the sea. Please note that the postcodes for Jersey, Guernsey and Isle of Man are included in this file as the source data is not deemed to be of sufficient quality.

Header Record	Description	Maximum Field Size	Example
COM_UNIT	Commercial Postcode	8	TD15 2SX
STATUS	Postcode status	7	QUALITY
POSTAREA	Postcode Area	2	TD
X_COORD	X Co-ordinate	Integer	407118
Y_COORD	Y Co-ordinate	Integer	644943

The changes made have resulted in a more accurate data file, which can be used for a wider range of applications. Where there is a requirement that falls outside this product please contact Geoplan to discuss your requirements so we can provide an alternative solution to your needs.

Recognition of Inland Water:

Inland water bodies are not included as 'holes' in Geoplan boundaries, although there is one exception - Lough Neagh in Northern Ireland.

Coastline Source:

The coastline follows the high water line (where possible). However minor adjustments where the coast was highly convoluted e.g. salt marsh areas to minimise the complexity of these locations.

Non-Geographic Postcodes:

The Non-Geographic Postcode files (Sector and District level) contain information additional to the Sectors which do not have a geographical boundary associated with them.

Isle of Man & Channel Islands:

The quality of the source data is not good enough for the tessellation process, therefore these are excluded from the SuperPro Unit Boundaries Product. For completion these postcodes are included in the supplementary discarded lookup file.

Coverage:

Geoplan is one of the few data suppliers to provide a full UK coverage with the addition of Isle of Man and the Channel Islands for its Postcode geography. Across the UK the level of information available for local coverage's may vary which may result in differences in accuracy or reliance on the historical nature of the data source. For example Isle of Man and the Channel Islands have not been matched to the full Postcode but matched to the Royal Mail source maps to keep the cost of the product appropriate for our end users.

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