

GEOPLAN POSTCODE LOCATION DATA

Introduction

These Postcode Sector points represent extremely good value for money and deliver a high quality Postcode solution for national, regional, local and street level use.

Postcode Sector Points data also includes the Postcode District and Area points at the appropriate resolution.

Product code: GESGPT2022

Product Details

- Coverage: UK
- Format: Various
- File Suffix: .Various
- Source: Geoplan
- The data is sorted on GEO_SECT
- Projection: OSGB (Including that of Northern Ireland)
- License type – Perpetual
- Update frequency per annum: 4 Geoplan Updates are conducted as standard
- Copyright Information: © Geoplan Spatial Intelligence Ltd 2017. Postcodes are copyright of the Post Office 2017.

Update Information

The primary source of the Geoplan Postcode Location data is from Royal Mail paper maps which have been digitised by Geoplan to create the Geoplan Pro Postcode Sector boundaries, from which the point data is derived. Geoplan update the Geoplan Postcode Location data on a quarterly basis in line with the Postal Address File (PAF) updates of the following months:

- MARCH (03)
- JUNE (06)
- SEPTEMBER (09)
- DECEMBER (12)

The standard supply option for this data is to receive a quarterly supply as part of the perpetual licence. Geoplan often refer to the release of these quarterly updates as "Release 57", "Release 57-2", "Release 58" etc which is a direct reference to the Postcode Updates of Royal Mail. Other Postcode changes occur at other months of the year but are not release changes to existing postcodes – this to limit the impact of these types of changes to users by such amendments to the various postcode products.

Attributes

The attributes available in Geoplan Postcode Location data are documented below:

Header Record	Description	Maximum Field Size
GEO_SECT	Geoplan Sector	5
COM_SECT	Commercial Sector	6
GEO_DIST	Geoplan District	4
COM_DIST	Commercial District	4
POSTAREA	Postal Area	2
AREA_KM	Sector Area (Square Kilometres)	20
AREA_MI	Sector Area (Square Miles)	20
X_COORD	X Co-ordinate	Integer
Y_COORD	Y Co-ordinate	Integer
AGE0_15	Age 0 to 15	Integer

AGE16_24	Age 0 to 15	Integer
AGE25_44	Age 0 to 15	Integer
AGE45_64	Age 0 to 15	Integer
AGE65_PL	Age 0 to 15	Integer
POP_TOT	Total for population by age	Integer
POP_M	Population males	Integer
POP_F	Population females	Integer
H_HOLDS	Households	Integer
D_DET*	Accommodation: Detached	Integer
D_SEMI*	Accommodation: Semi Detached	Integer
D_TERR*	Accommodation: Terraced	Integer
D_FLAT*	Accommodation: Flat, maisonette or apartment	Integer
SG_AB	Social Grade (Approximated) AB	Integer
SG_C1	Social Grade (Approximated) C1	Integer
SG_ABC1	Social Grade (Approximated) ABC1	Integer
SG_C2	Social Grade (Approximated) C2	Integer
SG_DE	Social Grade (Approximated) DE	Integer
BUS_CNT	Business counts	Integer
POP_DEN	Population Density (per km)	Decimal
HHD_DEN	Household Density (per km)	Decimal

Level of Detail

The data is provided at POSTCODE SECTOR level. The Number of records will vary between releases but as a guide the following can be used:

POSTCODE SECTOR LEVEL – number of records 9500 (approximate only)

File Names

Geoplan Postcode Location data is supplied as a set of files for each of the feature types and level of geography (including associated files for the chosen format):

- HSC_09_14 (Geoplan Pro Sector Points)
- HDC_09_14 (Geoplan Pro District Points)
- HAC_09_14 (Geoplan Pro Area Points)
- NSC_09_14 (Geoplan Non Geographic Sector Points)
- NDC_09_14 (Geoplan Non Geographic District Points)

In the list above the month of September 2014 is used as an example to illustrate the file name, this will change according to the month and year of the data supply it represents e.g. HSC_03_15 will represent March 2015 for the Geoplan Postcode Location file.

Other Products

Geoplan have a range of other Postcode related products that are available and can be supplied separately or in a combination with the Geoplan Postcode Location product, including the Geoplan Pro Sector Boundaries, Postal Address File (PAF), & Geopoint.

Further Information

Recognition of Inland Water:

Inland water bodies are not included as 'holes' in Geoplan boundaries, although there are four exceptions - Loch of Strom on Shetland, Loch Lomond in Scotland, Lough Neagh in Northern Ireland and Strangford Sea Loch, also in Northern Ireland, which has been made into a closed Loch.

Where Postcode sectors occur close to inland waters the sector boundary runs along the centre of the water body. Alternatively, if settlements alongside the lake/loch have different postal sectors because of their accessibility/relative distances to postal delivery offices the sector may cut across the water body to accommodate this. Postcode Boundaries often follow man-made and natural features, but are not intended to represent them.

Coastline Source:

Larger estuaries such as the Firth of Tay and Forth, Tyne, Thames and Exe are included in Geoplan boundaries, although not necessarily up to their tidal limit. Geoplan often cuts across smaller estuaries, although on some a small inlet may be shown to gain a general outline of the coast.

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. The Non-Geographic Postcode files also contains Transitional Sectors. These exist due to the fact that there are a number of Sectors that may exist which are not contained within the Geoplan Postcode boundary product. The reason for this is that in some cases, there is not enough evidence or information to create boundaries at present. Boundaries will be digitised for these transitional sectors as and when enough information becomes available (i.e. when we have appropriate data sources which can be used to ascertain the position of a boundary).

Isle of Man:

The Geoplan product also contains the Isle of Man Sectors IM1 0, IM2 0, IM3 0 and IM8 0, but do not actually exist as real codes. This is because, although the extents of the Districts IM1, IM2, IM3 and IM8 are known, the boundaries of the Sectors within them cannot be determined. No maps exist at the Isle of Man Post Office which show these Sectors, so the non-existent Sectors listed above were created by Geoplan to take their place.

Contact Information:

If you have any queries or require any assistance, please contact Geoplan using the following details:

Sales:

Tel: 01423 569538 or

Email: sales@geoplan.com

Support:

Tel: 01423 722719 or

Email: support@geoplan.com

