

Product Summary

Experimental Urban Extents for Natural Capital (GB) is a data product derived from experimental metrics and boundaries released by the Office for Natural Statistics (ONS).

The [metrics](#) quantify the extent of different classes of blue and green space within the urban environment of Great Britain. They were calculated by Ordnance Survey on behalf of ONS and published alongside an [ONS article](#) in August 2019.

All metrics have been calculated on the basis of Urban Extent (UE) polygons [produced by Eftec](#) for Defra in 2017. Two copies of the UE polygons, one covering the UK and the other covering Great Britain, have been [released by ONS](#) under the Open Government Licence in response to a Freedom of Information request.

This data product combines the metrics with the GB copy of the Urban Extent polygons in order to support further geographic analysis, and does not contain any additional metrics or calculations.

Data quality statement

This data product has been compiled from data published or provided by ONS for re-use under an open licence. Datadaptive has taken reasonable care in preparing the data.

The metrics are experimental work and the Urban Extents polygons are not an official product supported by ONS. Datadaptive strongly recommends that re-users read the ONS and Eftec methods and commentary on the polygons in order to judge whether the polygons and metrics are suitable for their re-use.

Datadaptive has appended to the metrics the statistical codes for the Built-up Areas and Settlement areas from which the Urban Extents were derived by Eftec. It is important to bear in mind that these are not statistical codes for the Urban

Extents themselves, and that the geographic area of the Urban Extents may be significantly different from that of the associated BUAs and Settlement areas – in particular if an urban area contains significant bodies of water.

Based on a comparison of the ONS metrics and the UE polygons, the hectare values seem to have been calculated as planimetric areas i.e. without the ellipsoid.

Data formats

The data is supplied in CSV format and appended to boundary polygons that are supplied in unstyled ESRI Shapefile format with the National Grid (OSGB36) projection.

Licensing

The data may be re-used under the [Open Government Licence](#). The OGL is an [open data](#) licence, which means it is perpetual, royalty-free, non-exclusive, and allows almost unrestricted re-use of the data.

Attribution

ONS has confirmed that the data used to compile this data product may be reused under the terms of the Open Government Licence. Please see [ONS_FOI_2019_0006.pdf](#) in the Docs folder for relevant correspondence.

Datadaptive does not claim any intellectual property rights in the compiled data.

Following is a recommended statement for attribution of the rights of ONS, NRS, and OS:

Contains National Statistics data © Crown copyright and database right 2017
Contains data supplied by National Records of Scotland © Crown copyright and database right 2019
Contains Ordnance Survey data © Crown copyright and database right 2019

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File Specifications

Experimental Urban Extents for Natural Capital (GB)

File name: GREENSPACE_URBANEXT_GB_2019
Record count: 6,341
Geographic coverage: England, Scotland, and Wales
File format: CSV and SHP

This file is a set of natural capital metrics associated with Urban Extent (UE) areas in Great Britain, in CSV format and attributed to polygons in a shapefile of the UE areas.

Following is a table of the fields provided for each Urban Extent.

Field	ONS Field	Description
ROWID		An incremented integer added by Datadaptive
BUACD		Statistical code for the Built-up Area or Settlement area from which the Urban Extent was derived (<u>not</u> a code for the UE itself)
BUANM		Statistical name for the Built-up Area or Settlement area from which the Urban Extent was derived
URBEXTNM	name	Name for the Urban Extent (the same as or derived from the Built-up Area or Settlement area name)
EASTING	centroid easting	British National Grid easting of the centroid of the Urban Extent area *
NORTHING	centroid northing	British National Grid northing of the centroid of the Urban Extent area *
COUNTRY	country	Country or countries in which the Urban Extent is located
URBEXTHA	associated_bua_area	The Urban Extent area in hectares (<u>not</u> the area of the Built-up Area or Settlement area from which the UE was derived)
RESADDRCNT	residential address count	Count of residential addresses within the UE area
RESGARDNHA	residential garden area	Area of residential gardens within the UE, in hectares
BLUESPACHA	blue space area	Area of blue space within the UE, in hectares
FGREENSPHA	functional greenspace area	Area of functional green space within the UE, in hectares
PAFGRNSPHA	publicly accessible functional green space area	Area of publicly accessible functional green space within the UE, in hectares

ALLTCGSHA	allotments or community growing spaces area	Area of allotments and community growing spaces within the UE, in hectares
ALLTCGSCNT	allotments or community growing spaces count	Count of allotments and community growing spaces within the UE, in hectares
BOWLGRNHA	bowling green area	Area of bowling greens within the UE, in hectares
BOWLGRNCNT	bowling green count	Count of bowling greens within the UE, in hectares
CEMETRYHA	cemetery area	Area of cemeteries within the UE, in hectares
CEMETRYCNT	cemetery count	Count of cemeteries within the UE, in hectares
GOLFCRSHA	golf course area	Area of golf course within the UE, in hectares
GOLFCRSCNT	golf course count	Count of golf course within the UE, in hectares
OPENLANDHA	open access land area	Area of open access land within the UE, in hectares
OTHSPRTHA	other sports facility area	Area of other sports facilities within the UE, in hectares
OTHSPRTCNT	other sports facility count	Count of other sports facilities within the UE, in hectares
PLAYFLDHA	playing field area	Area of playing fields within the UE, in hectares
PLAYFLDCNT	playing field count	Count of playing fields within the UE, in hectares
PUBPARKHA	public park or garden area	Area of public parks and gardens within the UE, in hectares
PUBPARKCNT	public park or garden count	Count of public parks and gardens within the UE, in hectares
RELIGGDHA	religious grounds area	Area of religious grounds within the UE, in hectares
RELIGGDCNT	religious grounds count	Count of religious grounds within the UE, in hectares
NLCHA	natural land cover area	Area of natural land cover within the UE, in hectares
NLCAGRLDHA	natural land cover agricultural land_area	Area of natural land cover that is agricultural land within the UE, in hectares
NLCBOULDHA	natural land cover boulders area	Area of natural land cover that is boulders within the UE, in hectares
NLCBRIDGHA	natural land cover bridge area	Area of natural land cover that is bridges within the UE, in hectares
NLCCANALHA	natural land cover canal area	Area of natural land cover that is canals within the UE, in hectares
NLCCONIHA	natural land cover coniferous	Area of natural land cover that is coniferous trees within the UE, in hectares

	trees area	
NLCCOPPIHA	natural land cover coppice or osiers area	Area of natural land cover that is coppice or osiers within the UE, in hectares
NLCFOOTBHA	natural land cover footbridge area	Area of natural land cover that is footbridges within the UE, in hectares
NLCHEATHHA	natural land cover heath area	Area of natural land cover that is heath within the UE, in hectares
NLCMARSHHA	natural land cover marsh area	Area of natural land cover that is marsh within the UE, in hectares
NLCMIXWDHA	natural land cover mixed woodland area	Area of natural land cover that is mixed woodland within the UE, in hectares
NLCMUDHA	natural land cover mud area	Area of natural land cover that is mud within the UE, in hectares
NLCUNCLAHA	natural land cover unclassified natural area	Area of natural land cover that is unclassified within the UE, in hectares
NLCNCONIHA	natural land cover nonconiferous trees area	Area of natural land cover that is nonconiferous trees within the UE, in hectares
NLCORCHHA	natural land cover orchard area	Area of natural land cover that is orchard within the UE, in hectares
NLCRAILBHA	natural land cover rail bridge area	Area of natural land cover that is rail bridges within the UE, in hectares
NLCRAILNHA	natural land cover rail natural area	Area of natural land cover that is rail within the UE, in hectares
NLCROADBHA	natural land cover road bridge area	Area of natural land cover that is road bridges within the UE, in hectares
NLCRDSIDHA	natural land cover roadside natural area	Area of natural land cover that is roadside within the UE, in hectares
NLCROCKHA	natural land cover rock area	Area of natural land cover that is rock within the UE, in hectares
NLCRGRSSHA	natural land cover rough grassland area	Area of natural land cover that is rough grassland within the UE, in hectares
NLCSALTMHA	natural land cover saltmarsh area	Area of natural land cover that is saltmarsh within the UE, in hectares
NLCSANDHA	natural land cover sand area	Area of natural land cover that is sand within the UE, in hectares
NLCSCREEHA	natural land cover scree area	Area of natural land cover that is scree within the UE, in hectares

NLCSCRUBHA	natural land cover scrub area	Area of natural land cover that is scrub within the UE, in hectares
NLCSHINGHA	natural land cover shingle area	Area of natural land cover that is shingle within the UE, in hectares
NLCTRAKHA	natural land cover track area	Area of natural land cover that is track within the UE, in hectares

* Centroid eastings and northings have been rounded to two decimal places in this data product.