

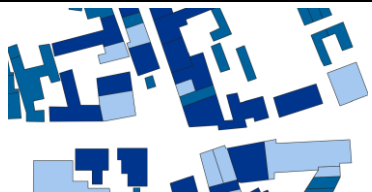

UKBuildings Edition 17 Attributes



UKBuildings is a dataset describing all buildings in Great Britain. Verisk also supply a wide range of additional information about UK property risk and value, together with international property data, that can be combined with UKBuildings to deliver a complete solution.

Data supply

UKBuildings is available as a flat file (CSV or geospatial format) or via high-performance API. Flat file has the following geometry options:

Polygon	Point	Attribute value in CSV
		CSV list of attributes including <ul style="list-style-type: none">Lat/Long (geographic)X, Y (UK National Grid)
Premise represented by a polygon	Premise represented by a point	UPRN list with UKBuildings attributes

Glossary

Building	A continuous structure used for residential or non-residential purposes
Premise	A whole or part of a building with a consistent use, owner or occupant
Element	A subdivision of a building which identifies a difference, usually in terms of height or classification
Site	An area of land identified by physical features that create a boundary, or an area of consistent land use
Address	Third party data supplied for reference and identified by Unique Property Reference Number (UPRN)

Order	Attribute Name	Data Type	Description	Example
1.	premise_age	TEXT	Premise age classification(s)	Inter War (1918 - 1939)
2.	premise_year	SMALLINT	Where known, specific year of premise construction	2004
3.	premise_age_confidence	SMALLINT	Value of confidence of value given to premise_age attribute	3
4.	premise_use	TEXT	Premise use or uses	Community – Educational
5.	premise_type	TEXT	Premise type (residential)	Terrace
6.	premise_type_confidence	SMALLINT	Value of confidence of value given to premise_type attribute	4
7.	premise_floor_count	TEXT	Count of the number of floors	2

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Order	Attribute Name	Data Type	Description	Example
8.	bungalow	TEXT	Flag confirming whether the premise is a bungalow	Not a bungalow
9.	flat_conversion	BOOLEAN	Flag indicating that the premise has been converted to flats	True
10.	height	NUMERIC (8,1)	Height above ground surface in metres	11.4
11.	premise_area	NUMERIC (8,1)	Premise ground floor area (metres ²)	137.6
12.	building_area	NUMERIC (8,1)	Ground floor area of the whole building (metres ²)	357.2
13.	address_area	NUMERIC (8,1)	Area apportioned to each address within a premise (metres ²)	178.5
14.	gross_area	NUMERIC (8,1)	Premise area x floor count (metres ²)	714.4
15.	basement	TEXT	Flag to indicate presence of basement	Basement likely
16.	listed_grade	TEXT	The grading of the listed status if listed	Null
17.	element_count	SMALLINT	Number of different observed building characteristics	2
18.	bathroom_count	SMALLINT	Number of bathrooms (residential only)	3
19.	bedroom_count	SMALLINT	Number of bedrooms (residential only)	4
20.	reception_count	SMALLINT	Number of reception rooms (residential only)	2
21.	roof_type	TEXT	Description of roof type or types	Flat
22.	wall_type	TEXT	Description of wall type or types	Brick/Stone
23.	wall_type_confidence	SMALLINT	Value of confidence of value given to wall_type attribute	1
24.	substructure_type	TEXT	Description of building sub structure (non-residential only)	Mainly Steel
25.	glazing_type	TEXT	Description of the dominant glazing (EPC)	Double Glazing
26.	wall_construction_type	TEXT	Description of the construction methodology (EPC)	Cavity Wall, Filled Cavity
27.	extension_count	SMALLINT	Count of known extensions (EPC)	1
28.	habitable_rooms	SMALLINT	Count of the number of habitable rooms (EPC)	12
29.	open_fireplaces	SMALLINT	Count of the number of open fireplaces (EPC)	4
30.	floor_type	TEXT	Description of the dominant floor type (EPC)	Solid, insulated (assumed)
31.	distance_building	NUMERIC (8,1)	Shortest distance to nearest building (metres)	2.4

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Order	Attribute Name	Data Type	Description	Example
32.	site_id	TEXT	Identifier of site the premise is within, prefixed by source	LR_55128052
33.	site_area	NUMERIC (10,1)	Site area in square metres	213.94
34.	site_non_built_area	NUMERIC (10,1)	Area of site not built on	108.42
35.	site_building_count	INT	Count of the number of buildings within the site	2
36.	distance_water	NUMERIC (8,1)	Shortest distance to known water source (metres)	123.7
37.	verisk_premise_id	INT	Unique identifier assigned to Premise	12346323
38.	verisk_building_id	INT	Unique identifier assigned to Building	5423475
39.	uprn	BIGINT	OS address identifier (Unique Property Reference Number)	10000103453
40.	uprn_count	SMALLINT	Count of UPRNs within a Premise	2
41.	uprn_distance	NUMERIC (8,2)	Distance from UPRN to Premise polygon in metres	3.2
42.	toid	TEXT	OS MasterMap identifier	osgb5000005111221285
43.	map_age	TEXT	Simplified single age classification for display purposes	Sixties / seventies 1960-1979
44.	map_floors	TEXT	Simplified single floor classification for display purposes	2
45.	map_use	TEXT	Simplified single use classification for display purposes	Residential
46.	map_simple_use	TEXT	Simplified single use classification for display purposes	Non Residential

Not all attributes are populated for all features, for example EPC attributes are only populated for residential buildings with an Energy Performance Certificate.

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When supplied with geometry, UKBuildings includes a link file (table) that joins Verisk identifiers to UPRNs.

Order	Attribute Name	Data Type	Description	Example
1	verisk_premise_id	INT	Unique identifier assigned to Premise	12346323
2	verisk_building_id	INT	Unique identifier assigned to Building	5423475
3	uprn	BIGINT	OS address identifier (Unique Property Reference Number)	10000103453
4	udprn	BIGINT	Royal Mail's Unique Delivery Point Reference Number (Unique Delivery Property Reference Number)	7173232
5	distance	NUMERIC (8,1)	Distance from UPRN open TOID to Premise	0
6	toid	TEXT	OS MasterMap identifier	osgb5000005111221285