

## **G Property and critical infrastructure counts**

## G.1 Property counts for South Worcestershire

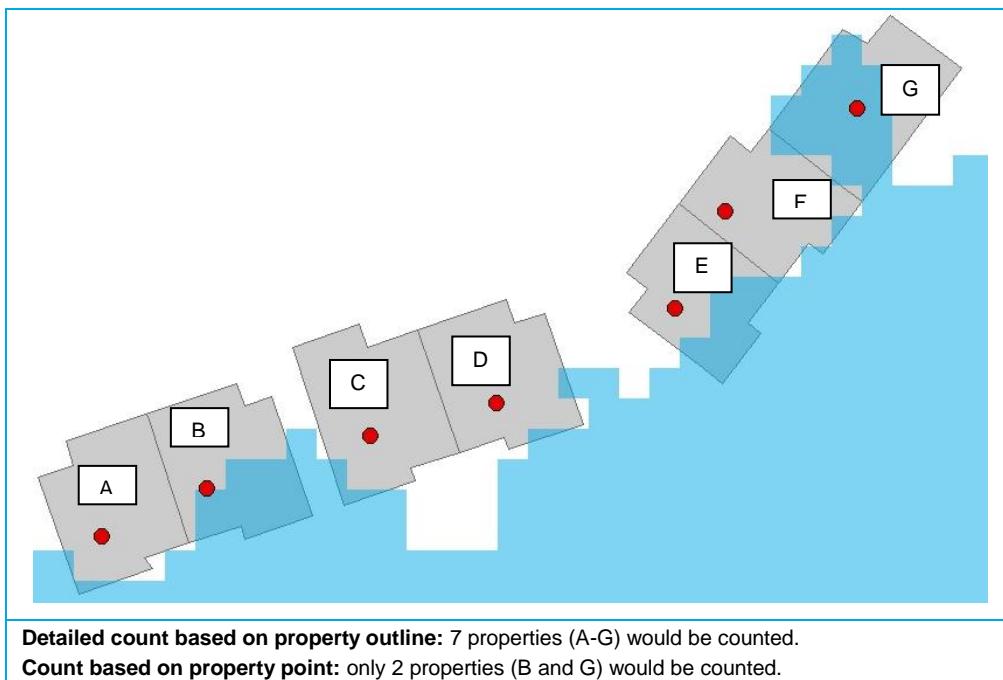
The following section provides property counts for the South Worcestershire area.

The NRD property point dataset was filtered to remove the recommended standard list of property types to exclude, as described in the Environment Agency’s Operational Instruction 353\_10<sup>15</sup>.

Ideally a detailed property count should be used to identify all properties at risk. This method involves selecting building outlines that are intercepted by the flood outline and then relating these selected buildings back to the NRD property points that are associated with them.

This method better represents the number of properties that might be at risk. However, building outline data was not available at the time of the assessment. As such, it should be noted that the property counts are *indicative* only and may be underestimating the number of properties at risk.

**Schematic of differences in property count methodology**



**Number of properties and IPPC sites at risk in the South Worcestershire Area**

Area	Number of Properties						IPPC sites		
	Residential			Non Residential			FZ2	FZ3a	FZ3b
	FZ2	FZ3a	FZ3b	FZ2	FZ3a	FZ3b			
Worcester	802	515	347	342	195	148	0	0	0
Malvern Hills	616	436	331	111	74	55	0	0	0
Evesham	488	211	100	161	107	51	0	0	0
Droitwich Spa	208	116	92	90	70	69	0	0	0
Upton upon Severn	120	1	1	88	12	8	0	0	0
Pershore	221	22	15	82	29	17	0	0	0
Tenbury Wells	233	91	5	181	88	14	0	0	0
Rural areas	1,836	512	359	1,787	834	617	1	1	1

<sup>15</sup> Environment Agency (2011) Operational Instruction 353\_10: National Receptor Dataset: What it is, what it’s used for, and how to access and use it.

**Number of environmental sites at risk in the South Worcestershire Area**

Feature	Number of features located with flood extent		
	FZ2	FZ3a	FZ3b
Local Nature Reserves	5	5	4
Environmentally Sensitive Areas	1	1	1
Areas of Outstanding Natural Beauty	2	2	2
Registered Parks and Gardens	8	8	7
Scheduled Monuments	40	29	29

Sections of the following key transport routes are shown to be within the extent for all flood zones (Flood Zones 2, 3a and 3b)

- Cotswold and Malvern Mainline, North East to South West Mainline
- M50, M5
- A4103
- A422
- A44
- A4440
- A449
- A456
- A46

Note: this assessment is based by querying against the flood outlines. Bridges and embankments protecting the routes may not have been represented in the modelling that the outlines are based on. This assessment is intended to provide an indication of transport links at risk only.

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