

Stock Condition Tool Update – Feb 2016

Update on progress – Cambridge City Stock Condition Tool

Having developed a prototype (Instant Atlas) stock condition tool based on nationally available data sets and more local data from Cambridgeshire Insight, I am now working with Cambridge City Council to bring their own data into the tool. The tool then needs to be adjusted so that it is easier to use with the large amount of data it contains. Some of this work will involve ironing out issues with data sources that are based on geographies established at differing times.

I am also working on an additional interactive table to allow users to consider how areas rank for various indicators. This will flag up areas that have a high ranking across multiple indicators. The final product and its documentation should be available for use in late March 2016.

Setting up a Stock Condition Tool for your area

Steps involved in setting up a stock condition tool:

1. Establishing geography to be covered by tool.
2. Selecting the indicators to be included:
 - i) **Core available datasets (see Table 1 overleaf)**
(5 days - Time requirement includes extracting most recent update of datasets for the selected geography and formatting this for use in the Stock Condition Tool.)
 - ii) **Adding own datasets** (Bespoke option; the time requirement here is in addition to that outlined above.)

Examples include:

- Customer contact centre data relating to overcrowding complaints.
- Complaints linked to illegal eviction or harassment.
- Data to reflect when and where housing related enforcement notices have been served by the local authority (for example Hazard Awareness Notices).
- Homelessness prevention service records, for example housing disrepair logged as a cause of homelessness.
- Pest control records.
- Flytipping records.

The time requirement for ii) is dependent upon how much 'cleaning' or preparation the data would require in order to be displayed and used in the atlas. This means data that needs to have clear and complete address information (e.g. complete postcodes as a minimum, Eastings and Northings as ideal), does not contain duplicates and is consistently formatted. It is worth considering that the way in which the data is captured at source may well have an influence on this (i.e. handwritten forms entered into a database may generate a greater need to clean the data).

3. Compiling and testing Stock Condition Tool (Instant Atlas format) and data documentation for reference (5 days).

Costs

10 days Research Officer time (10 x CCC Partner rate @ £207/day) = £2070 (ex VAT)

1 day Research Manager time (1 x CCC Partner rate @ £280/day) = £280 (ex VAT)

Total: £2350 (ex VAT)

(Inclusion of own datasets to be charged additionally, the example list above represents 5 additional Research Officer days and therefore an additional £1035 (ex VAT).)

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Table 1: Core Available Datasets

Theme	Indicators on atlas	Data Source
Deprivation, Vulnerability and Low Incomes	Residents with a long term illness or disability	Census
	Deprivation: indoors sub-domain	DCLG Indices of Deprivation
	Deprivation: Overall score	DCLG Index of Multiple Deprivation
	Attendance Allowance	DWP
	Children in out of work benefits households	DWP
	Disability Living Allowance (DLA)	DWP
	Pension Credits	DWP
	Workless Benefit Claimants	DWP
	DLA/Attendance Allowance Combined Claimant Count	DWP
	Housing Benefit Claimant Count by tenure	DWP
	Mid-year population estimate by age	ONS/ CRG
Energy Efficiency and Fuel Poverty	Households without Central Heating	Census
	Homes off Mains Gas	DECC
	Domestic Gas Consumption	DECC LSOA Gas Consumption
	EPC Certificate Ratings	DECC energy performance certificates (EPC)
	Fuel Poverty LIHC & 10% indicator	DECC Fuel Poverty
	Domestic Electricity Consumption	DECC LSOA Domestic Electricity Consumption
General Housing Stock	Tenure Type	Census
	Properties assessed as High Risk of Fire*	Fire service records (*RG data- Coverage and availability tbc.)
	Property Age	VOA
	Property Type	VOA
Wider Environmental Indicators	Overcrowding	Census
	Environmental Noise Mapping*	Noise mapping data from DEFRA (*Data availability varies with location)
	HMOs (formally recorded)	Property Gazetteer