



Lincolnshire Visual Intelligence System

Lincolnshire Community Foundation (LCF) commissioned Sortified to build a bespoke place based data package that could be used to support grant making and place shaping. The remit of this work was:

- To determine existing and emerging needs in local communities across Greater Lincolnshire
- To highlight local issues, and identify what and where funding could create the biggest positive impact in local communities

Sortified worked with LCF to identify fourteen key themes which highlighted different sets of issues and needs across Greater Lincolnshire.

All the data that we used in the construction of LVIS is from open sources. In the course of constructing the dataset, Sortified utilised seventy data sources and examined around 1000 lines of data. We used a wide range of data from a number of data providers, ensuring that we were using the most trusted, most up to date, and most relevant information.

We used different data sets for each of the fourteen themes. Direct data that demonstrated need was used where possible. Where this wasn't available, data that could be linked to causes or determinants of a need were used. Where data used was linked to causation, we made sure that we used academic research, or evidence based research to link causation factors to themes. We did this because we wanted to base the datasets on evidence rather than assumption, and so that any data linked to outcomes or causation could be clearly evidenced and explained.

We used a detailed set of calculations to score and weight the data. We wanted our data calculations to show variation, allow comparisons, and highlight contrasts between places. We wanted a more complex system than a simple binary score, so we developed a percentile based system. Scoring data in this way allowed us to look at a range of scores and demonstrate the diversity of data, rather than providing a one dimensional 'yes or no/need or no need' dataset. This meant we could see widespread variation across a theme, mapped across Greater Lincolnshire, with places impacted by or affected by a theme highlighted more than those places where the impact or effect was less.

Once we had scored all the datasets for each theme, we then mapped the scores. The maps we created show each place with a comparable combined score for each theme. Each of the fourteen maps are searchable and comparable by district, while each theme is mapped to a very local level (LSOA level).

This allows you to look at need by each theme down to street level for the whole of Greater Lincolnshire.

