

The Customer

Plymouth CH



The Task:

Identifying travel implications to ensure consistent service delivery.

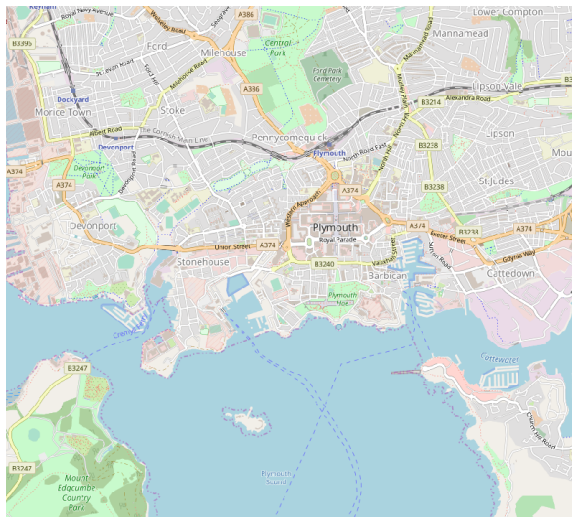
The Data:

Plymouth Property Points Data (Geocoded to Address Base) and Open Street Maps

Method

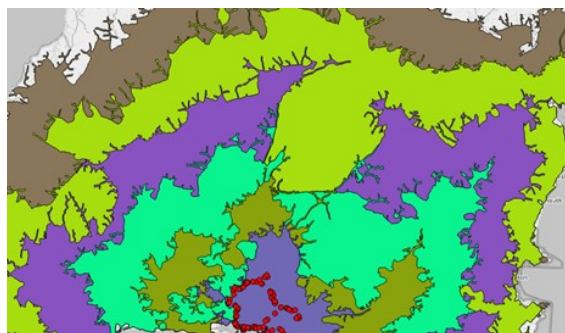
The Plymouth Property Points were visually analysed to create a selection of properties at the edges of the stock.

These outer property points were used to create Drive Time Areas through Arc-Online. Drive Time Areas are driven by algorithms analysing the UK road network for routes. Through these it was possible to create areas representing different distances you could cover from the properties within a set amount of time such as 10 minutes, 20 minutes, 30 minutes and so on.



Result

With the areas produced, it is possible to see how far one can travel from the outer most properties within a given time frame and how this may affect service delivery.



"We required this map to help us understand the travel implications to ensure consistent delivery of our services to current and future tenants.. Thank-you for everything you've done to help – this has been an extremely interesting project to be a part of and I will be interested to see how these maps are used in the longer term."

Hannah Berry- Asset Data Officer