



## Making neighbourhood knowledge accessible - LBTH

### Aims

The aim of the project, undertaken for the London Borough of Tower Hamlets, was to demonstrate a method of improving the quality of public service decision-making by better use of the information already held by agencies on their administrative databases. Uniquely the project matched data at the household level using administrative data. This approach overcame the usual problems associated with using data based on areas and enable fine-grained analysis.

### What we did

The pilot project was a 'scale-model' of what a Neighbourhood Knowledge Management System might look like. 22 data sets were collated and matched to the Local Property Gazetteer over a two-month period.

Several pilot studies were then undertaken. They included work on:

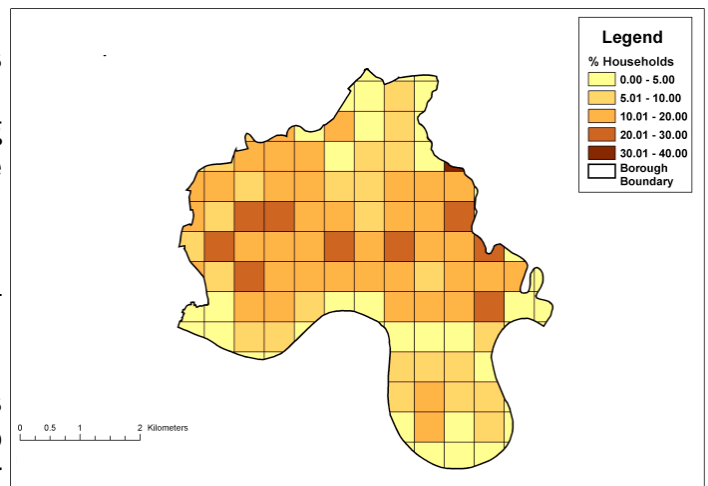
- the association between NHS pregnancy terminations of pregnancy and social and ethnic factors
- the association between GCSE attainment and factors such as youth offending and school exclusion.

- the association between dental health ethnicity and social factors

- producing social profiles of children who are users of specific health, education and social services and are deemed to have complex needs.

### Outputs

The whole study took just 4 months to complete. The project overcame barriers to data sharing between major agencies including the PCT and LBTH. It showed that projects using large data sets could be managed and completed at affordable cost with relatively short period of time. It showed that outputs could be produced that were valued by different council departments such as education and by the PCT.



*LBTH map based on 500x500 metre cells showing the percentage of households with children from black and minority ethnic communities*

Ethnic Group	No. of pupils	% in social housing	% in single adult household	Average number of decayed, missing or filled teeth
White, UK heritage,	170	64.7	48.8	1.4
Other White	30	56.7	46.7	0.8
Black, Caribbean heritage	24	58.3	45.8	1.7
Black, African heritage	17	52.9	47.1	0.2
Black, other heritage	15	60.0	73.3	0.4
Indian	5	20.0	20.0	2.6
Pakistani	9	33.3	11.1	0.7
Bangladeshi	484	69.6	14.7	2.1
Chinese	4	75.0	50.0	0.8
Other	32	75.0	46.9	1.4

*Table showing school pupils undergoing school dental check by ethnic group, housing background and by the average number of decayed, missing or filled teeth.*

*Tailoring services to local needs*

NEIGHBOURHOOD KNOWLEDGE MANAGEMENT

Mayhew Harper Associates Ltd

www.nkm.org.uk

email:

lesmayhew@googlemail.com