Vulnerable people data: Leeds developed insights

Linking data sets to give actionable insights around vulnerable people

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Using the Shielded Patient List and Daily confirmed/registered list (those that have contacted the government website or helpline) data Sets a **detailed view of vulnerable people can be derived.** Both these data sets are available from MHCLG cut by UTLA. The below is an example from Leeds City Council.

These datasets can be linked using NHS numbers. The challenge was to link them to other datasets, held by the Council, to understand if people were in contact with council statutory services.

Both datasets contain an address and postcode. Match the addresses and provide a new column containing the Unique Property Reference Number[1] (UPRN) back to enable data linkage at property level. The UPRN gives us the power to link, map and aggregate to a variety of geography.

UPRN enables linkages to:

- Leeds City Council Housing Stock
- Index of Multiple Deprivation
- Adult Social Care caseload
- Single Person Council Tax Discounts

NHS number enables links to:

- Leeds Primary Care
- Leeds Community Healthcare NHS Trust
- Leeds and York Partnership Foundation Trust

Outputs and Insight

Reporting shielding and the number of those who had self-reported, at Index of Multiple Deprivation decile enabled real insight into Health Inequalities across the city. Leeds City Council stepped up its COVID-19 response in each of the 33 wards across the city. Data was able to be reported at this level. Similarly, with Primary Care Networks, Local Care Partnerships, School Clusters and priority neighbourhoods.

Linking to Adult Social Care caseload provided further insight into the support already being received by these clinically vulnerable people and linking the datasets to Leeds City Council Housing Stock, using the UPRN, enabled those people who live in Care Homes or sheltered accommodation to be quickly identified. Using the UPRN to link to a dataset of Single Person Council Tax Discounts, enabled people who live alone to be identified. As a result, Adult Social Care and Housing teams were able to receive flows of data to direct and shape their proactive actions with their clients.

The UPRN linkage method was extended to Carers Leeds. Anonymously matching addresses using the UPRN showed which households contained a carer. This might be the person shielding or someone with caring responsibilities for that shielding person.

Using the NHS number, links were established with Leeds Primary Care, Leeds Community Healthcare NHS Trust to identify those on the Shielded Patient List who were in contact with Community services, similarly, with Leeds and York Partnership Foundation Trust.

[1] https://www.geoplace.co.uk/addresses-streets/addresses/the-uprn