Networked Data Lab Wales

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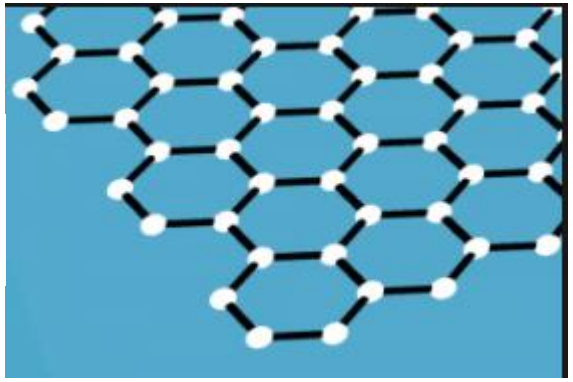
SAIL User Forum 20th January 2022

The Networked Data Lab (NDL)

What is it?



Collaborative network of analytical teams across the UK working together on shared challenges, promoting the use of linked data and analytics to improve health and social care.

- Call Oct 2019
- 5 partners awarded
- Programme: Oct 2020 to 2022, 3 key topics

https://www.health.org.uk/funding-and-partnerships/the-networked-data-lab

Welcome to all NDL Partners!

The Health Foundation

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Public Health Wales

NDL Wales

Public Health Wales (Lead)

Digital Health and Care Wale

Swansea University SAIL Databank

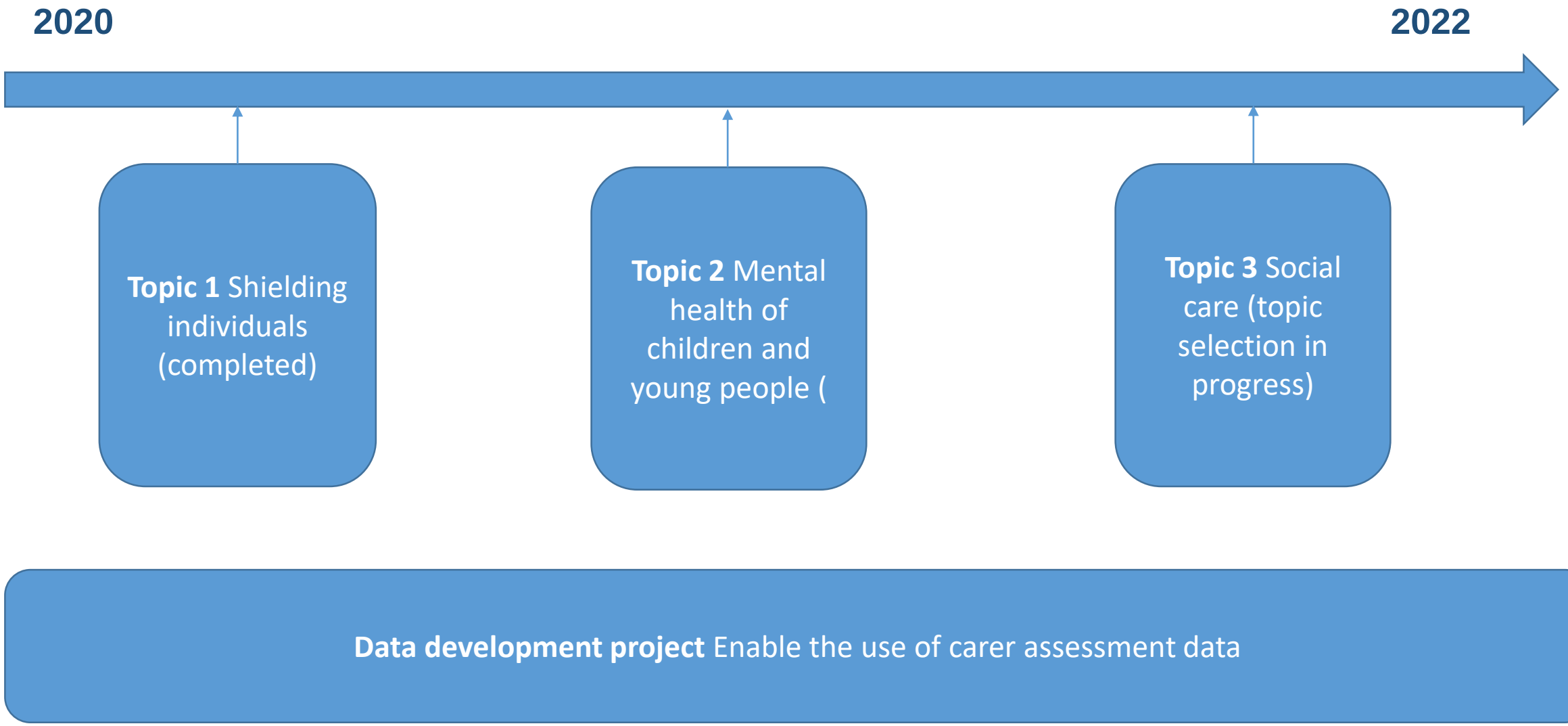
Social Care Wales

Strengths of NDL Wales

- Multidisciplinary - assets across Wales
- Expertise in linked data and its application to health
- Dual platforms providing linked data infrastructure covering health, social care, housing, education and the wider determinants of health
- Strong links with health system and policy across Wales

Benefits of NDL programme

- Additional dedicated capacity to draw on mature linked data resources in Wales
- Supporting building skilled capability to maximise use of linked data
- Learn from and contribute to a wider network of peers in health and care - learning environment
- Timely, responsive outputs to inform action.


2020
2022
Topic 1 Shielding individuals (completed)
Topic 2 Mental health of children and young people (
Topic 3 Social care (topic selection in progress)
Data development project Enable the use of carer assessment data

Topic 1. Understanding the clinically extremely vulnerable (shielded*) population.

*Patients on the Welsh Government Shielded Patient List, up to and including the 31st July 2020.

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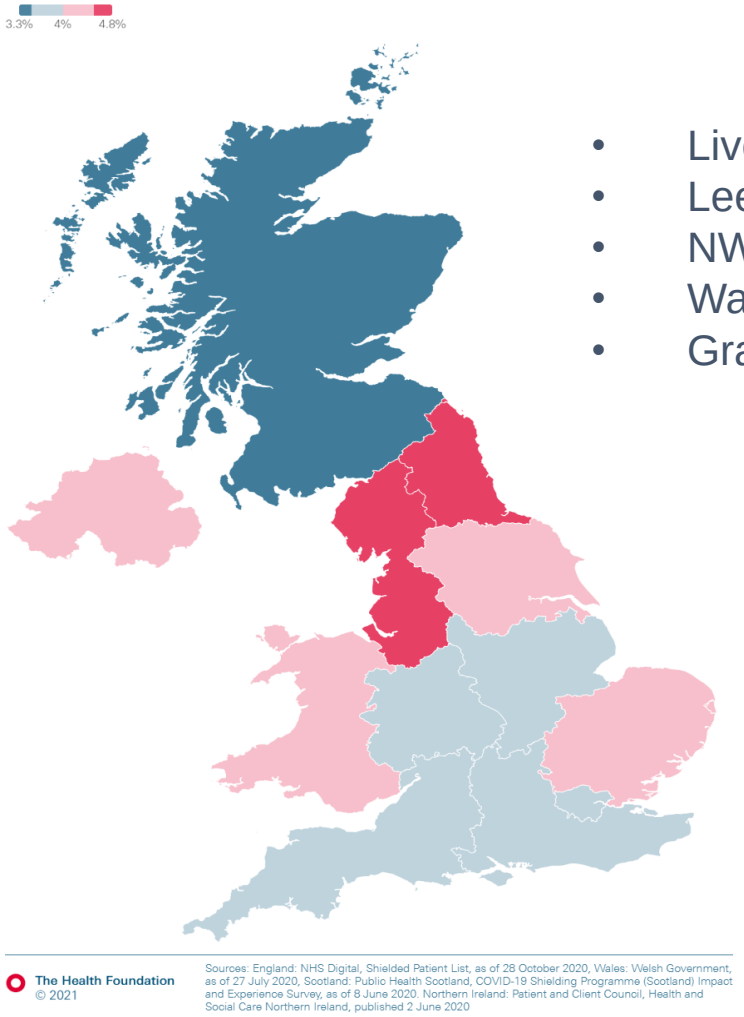
There are substantial regional differences in the share of extremely vulnerable residents

Percentage of residents who are clinically extremely vulnerable by region



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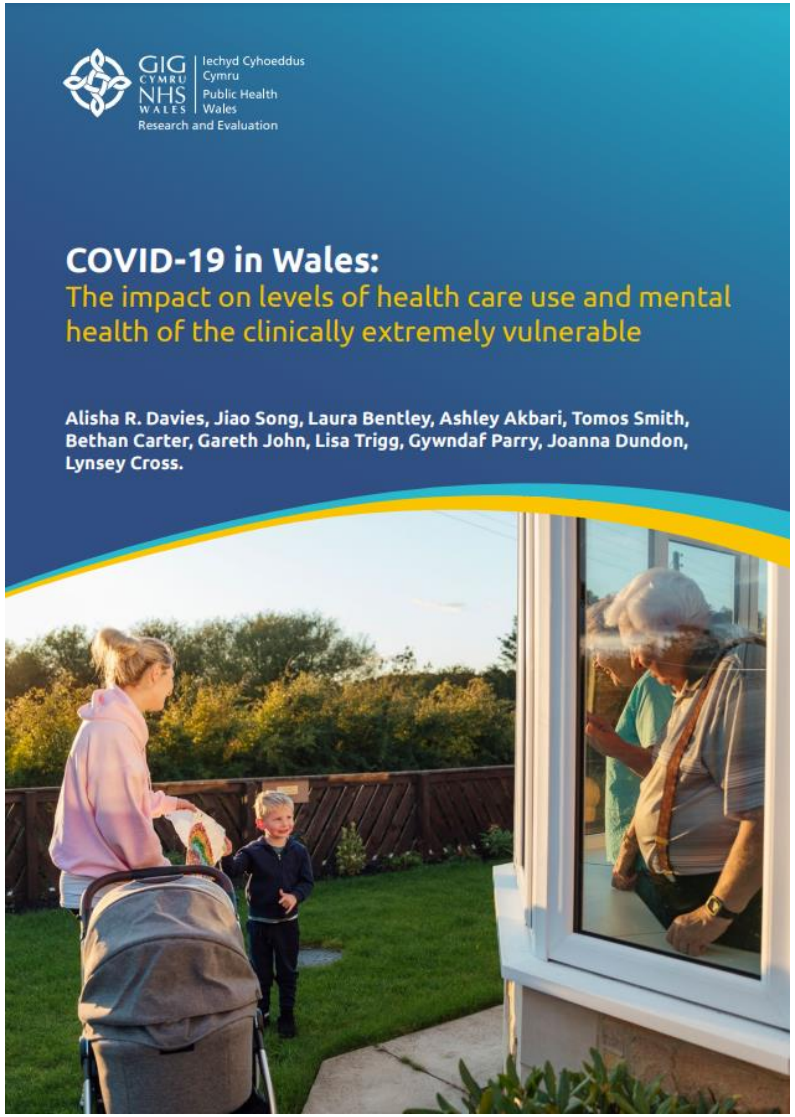
Sources: England: NHS Digital, Shielded Patient List, as of 28 October 2020, Wales: Welsh Government, as of 27 July 2020, Scotland: Public Health Scotland, COVID-19 Shielding Programme (Scotland) Impact and Experience Survey, as of 8 June 2020. Northern Ireland: Patient and Client Council, Health and Social Care Northern Ireland, published 2 June 2020

- Liverpool & Wirral 7.5%
- Leeds 5.2%
- NW London 5.1%
- Wales 4.2%
- Grampian 2.5%



https://www.health.org.uk/news-and-comment/charts-and-infographics/exploring-demographic-variation-in-groups-advised-to-shield

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Topic 2. Inequalities in the mental health of children and young people

Programme: July 2021 – January 2022

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Mental health crisis care

Proposed aims of this programme

- Describe trends in mental health crisis events and support for children and young people (11-24 years) in Wales from 2016 to 2021
- Understand differences in crisis care experiences by population subgroups in Wales

Data development project:
Enable the use of carer assessment data

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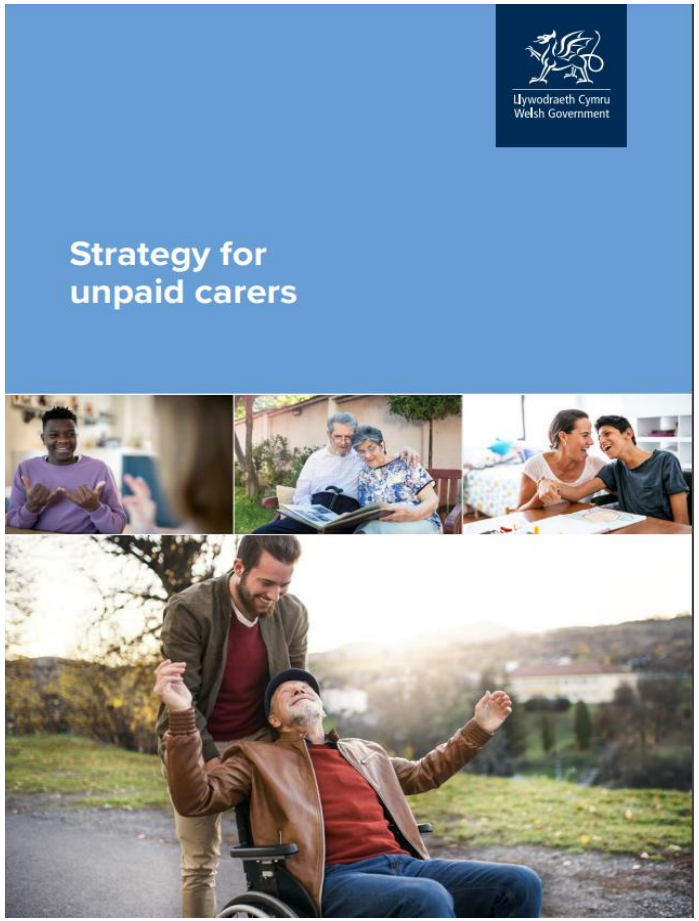
Local Authority (LA) Carer Assessment Data

Aim

To use carer assessment data in Wales to better understand the health and wellbeing of carers and inform action to support their needs.



Priority 1 theme: Working with local authorities to improve carers assessments

We will:

- Use the data we collect to develop a range of solutions that enable local authorities to deliver timely, effective statutory assessments that are responsive to individual needs of unpaid carers.

How we will achieve this	Sector/organisation	Timeframe
Use the findings from the SCIE research commissioned by Welsh Government, Public Health Wales' Data Development Project, and data from the Performance and Improvement Framework to determine what specific actions are needed to improve the take up carers needs assessments.	Welsh Government	By end of 2022

Thank you

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