

Health Data in North West London

01 May 2024

Introduction

Data can be used to identify, monitor and evaluate real-world problems. This slide pack outlines some of the data that is available to those working in North West London ICB and is divided into three main categories:

- [North West London NHS Resources](#)
- [NHSE Data Sources and Dashboards](#)
- [Non-NHSE Health Resources](#)

If you are working in a GP practice, NHS Trust or Local Authority you may have additional and different data sources available to you for that area which may be more up to date but won't cover the whole NWL patch.

North West London NHS Resources

Whole Systems Integrated Care (WSIC)

Description:

- Integrated data warehouse that brings together many data feeds to provide an integrated population health view of North West London.
- Links people in different datasets together – so you can access a persons GP Hospital and mental health records at the same time.

How to access:

- Either from bespoke queries using the WSIC database via the BI team or via visualisation software users can access dashboards and get a linked up view of the data.
- The WSIC dashboards often display a small section of the data available presented in a digestible way; more data can often be extracted behind the scenes.

What data is included:

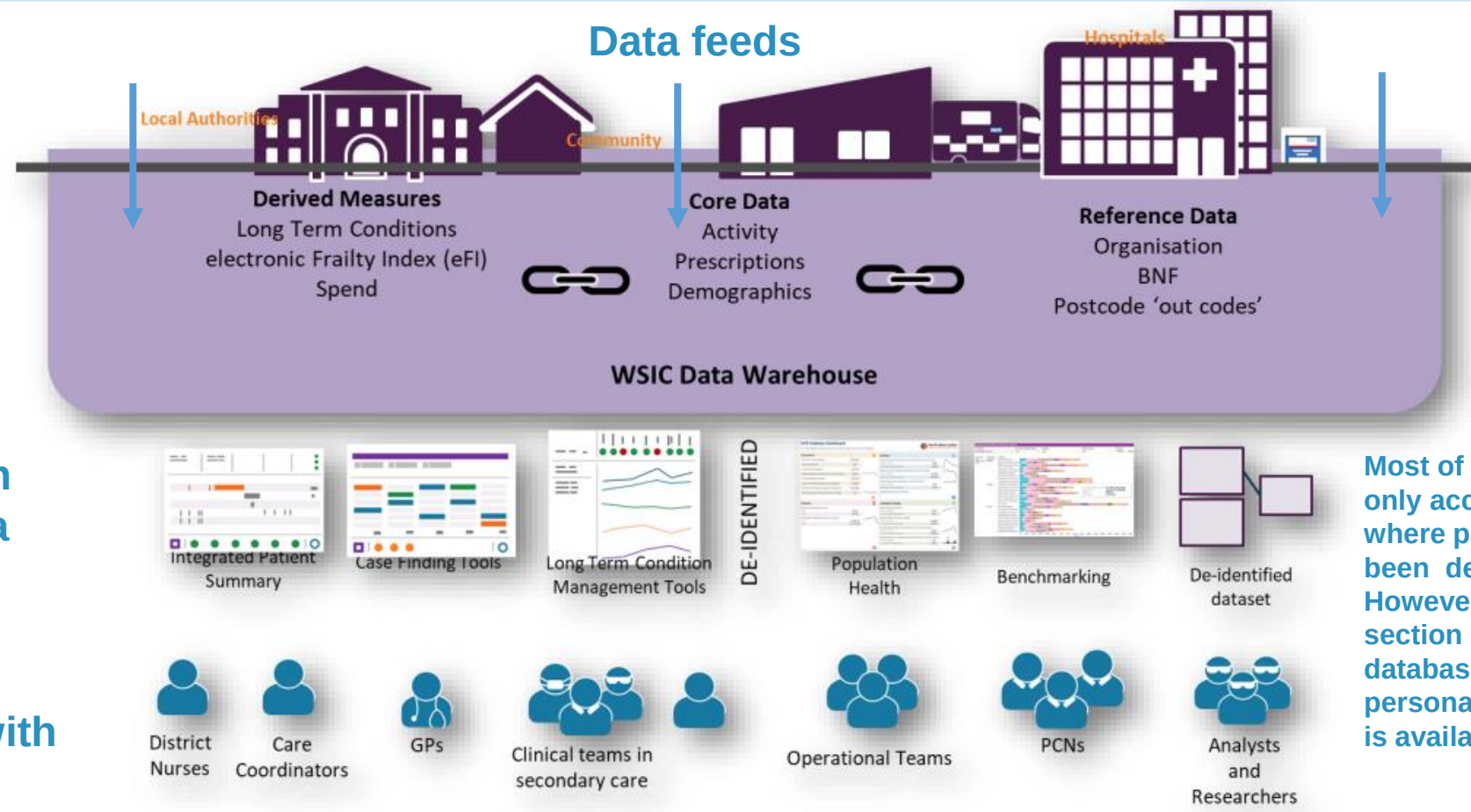
Type of provider	Data set	About
GP	EMIS and System1	This includes all clinical events, non-clinical events and prescriptions the GPs have recorded for a patient. This includes SNOMED codes
	Patient Survey	
Acute	Secondary Users Service (SUS)	Contains records of care administered in an A&E, admitted patient care, outpatient care. This includes referral sources, diagnosis and procedures treatments
	Referral to Treatment and Diagnostics (Waiting list)	
Social Care	Locally agreed data set between NWL boroughs and commissioners	Social care package data relating to patients in NWL, includes starts and end dates, allocated teams and service descriptions
Community	Records of care administered in community setting in NWL	Includes items on breast feeding, nutrition and screening activity.
Mental Health	Care administered by mental health providers	Includes, type and location of care receives, diagnosis and questionnaire scores for individuals who have accessed adult mental health
Other	Air pollution estimates SLAM	SLAM – financial data for providers who perform activity for NWL patients

WSIC: Database to Analytics to Intervention

Data cleansing and algorithms happen within the data warehouse. Eg Patient segmentation

Analytical dashboards can be produced from the data

Users can access the dashboards to help them with their work



Most of the data is only accessible where patients have been de-identified. However there is an section of the database where personal information is available.

Further Resources

- [Dashboard User Guides Video's & Support](#)
- [News and updates](#)
- [WSIC Products](#)
- [WSIC Introduction](#)

Dashboards (**NB** need to be connected to the NHS NWL ICB VPN):

- [Population Health](#)
- [ICS Analytics](#)

ERNI

Description:

ERNI is another NWL database that houses national datasets, often at individual activity level. However does not include primary care data.

How to access:

Either from bespoke queries using the WSIC database via the BI team or via visualisation software users can access dashboards and get a linked up view of the data.

What data is included:

- Community : CYP, referrals and financing data
- Mental Health data
- Financing data: Contracts, devices, drugs
- Cancer waiting times
- Emergency care
- Secondary Services
- Waiting times
- London Ambulance and 111 data
- Maternity datasets

Contacts

Any question about data from WSIC or ERNI should be directed to :
nhsnwl.nwl-reportingbi@nhs.net

NHSE Data Sources and Dashboards

NHSE Dashboards

Description: A set of dashboards that can be used to compare NWL to the rest of England or provided some alternative visualisations and data.

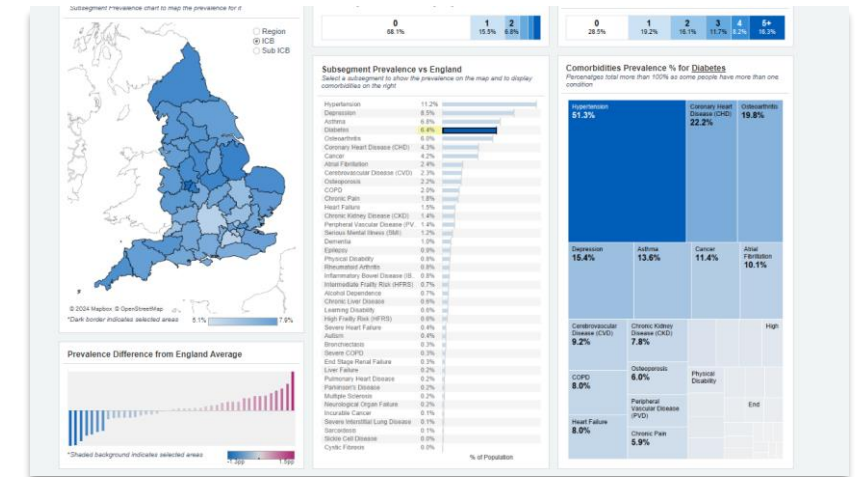
How to access: A list of all NHSE Dashboards can be found here:

<https://apps.model.nhs.uk/a-z#>

Some of these dashboards require access permission.

Some examples:

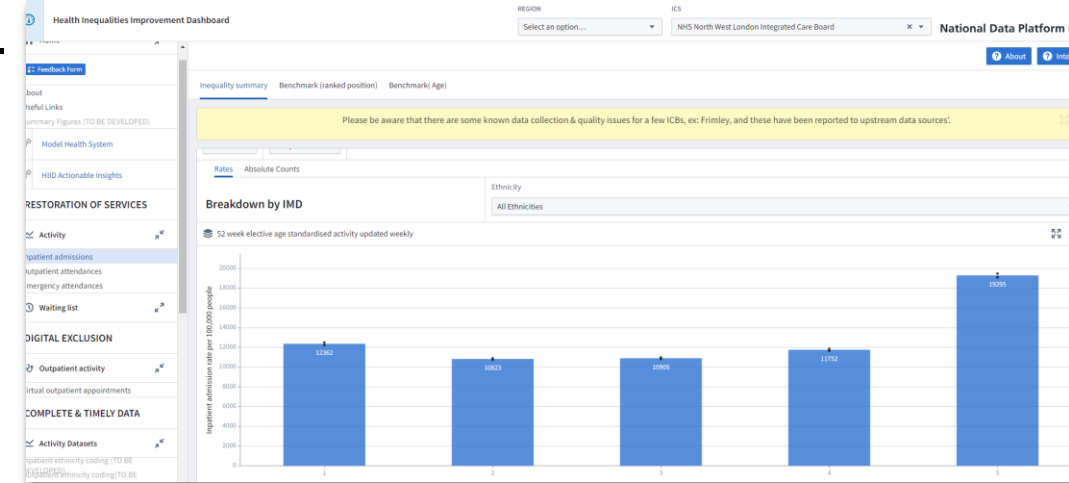
- Model Health System
- Population and Person Insights
- Cancer Waiting Time Dashboard



The data from these dashboards can come from [NHSE data sets](#) or may also be in the [NHS National Data Platform](#) (Foundry/Federated Data Platform).

NHS National Data Platform

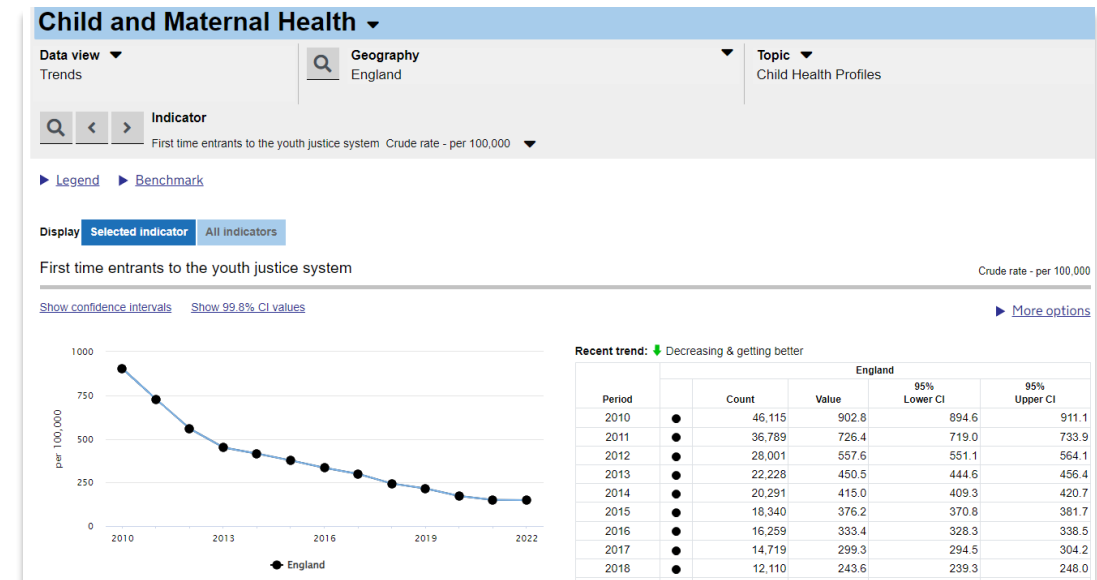
- Can also be referred to Foundry or Federated Data Platform.
- The NHS National Data Platform is a single data, modelling and integration platform that provides users with reliable and timely data in order to make informed, effective decisions. The platform contains information from dozens of datasets covering a wide variety of metrics, incorporates modelling and predictions on that data to provide a single source of truth.
- Captures data in real time.
- Also has dashboards, production catalogue found [here](#).
- You will need to [create a Foundry account](#), then some dashboard may require further access permissions



Non-NHS Health Resources

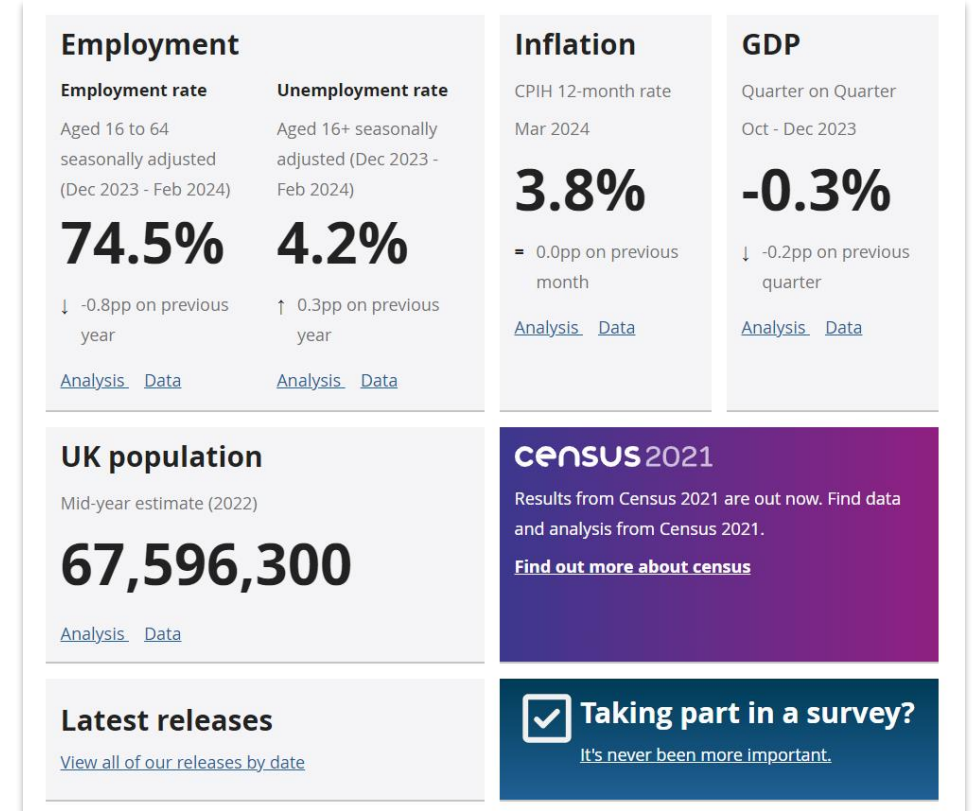
Fingertips – Office for Health Improvement & Disparities

- [Fingertips](#) is a large public health data collection which is then organised into themed profiles. Fingertips profiles are a rich source of indicators across a range of health and wellbeing themes. They are designed to support Joint Strategic Needs Assessment (JSNA) and commissioning to improve health and wellbeing and reduce inequalities.
- Fingertips uses many different sources such as ONS, NHS, UKHSA and Ministry of Justice
- **Warning:** not all metrics are updated regularly important check when they were last updates and read the supporting information.



Office for National Statistics (ONS)

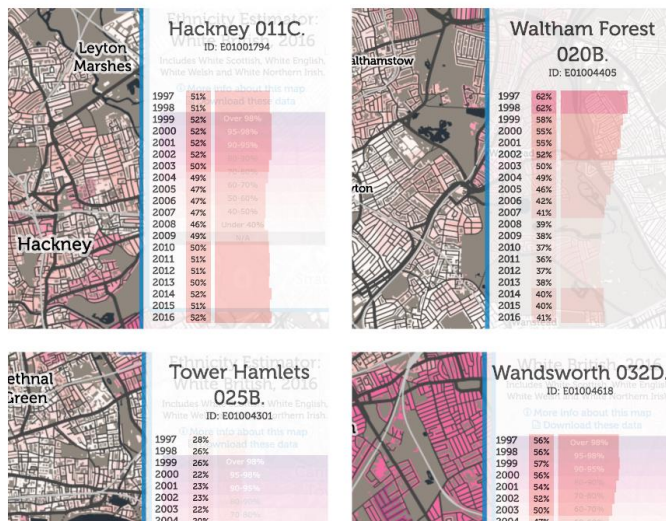
The [ONS](#) is the UK's largest independent producer of official statistics and are responsible for collecting and publishing statistics related to the economy, population and society at national, regional and local levels. They also conduct the census in England and Wales every 10 years.



Consumer Data Research Centre (CDRC)

CDRC is the leading source of consumer data. Topics include; Population and mobility, Retail Futures, transport and Movement, Finance and Economy, Digital.

The extracts above show the 1998 (left) and 2016 (right) estimated Black Caribbean population of south London. There are clear increases in the more suburban south part of the map, around South Norwood and Catford, while the Brixton and Peckham populations to the north show a slight reduction, such that the proportions in the former now exceed the latter. Taken together, these movements amount to general drift from Brixton/Peckham, to South Norwood/Catford.



Home » Population & Mobility » Search

Content Types

- Dataset (60)
- Data Story (6)

Topics

- Population & Mobility (6)
- Retail Futures (8)
- Finance & Economy (7)
- Digital (2)
- Transport & Movement (1)

Type

- Open (29)
- Safeguarded (23)
- Secure (8)

Search

Search

Sort by

Relevance

Order

Descending

Apply

Reset

66 results



Changing distributions of London's ethnic minority communities

Population & Mobility

Looking at movement of people across London by examining the associations between the given and surname of an individual and their ethnicity.



WhenFresh/Zoopla Property Transactions, Rentals and Associated Migration

Secure

Population & Mobility

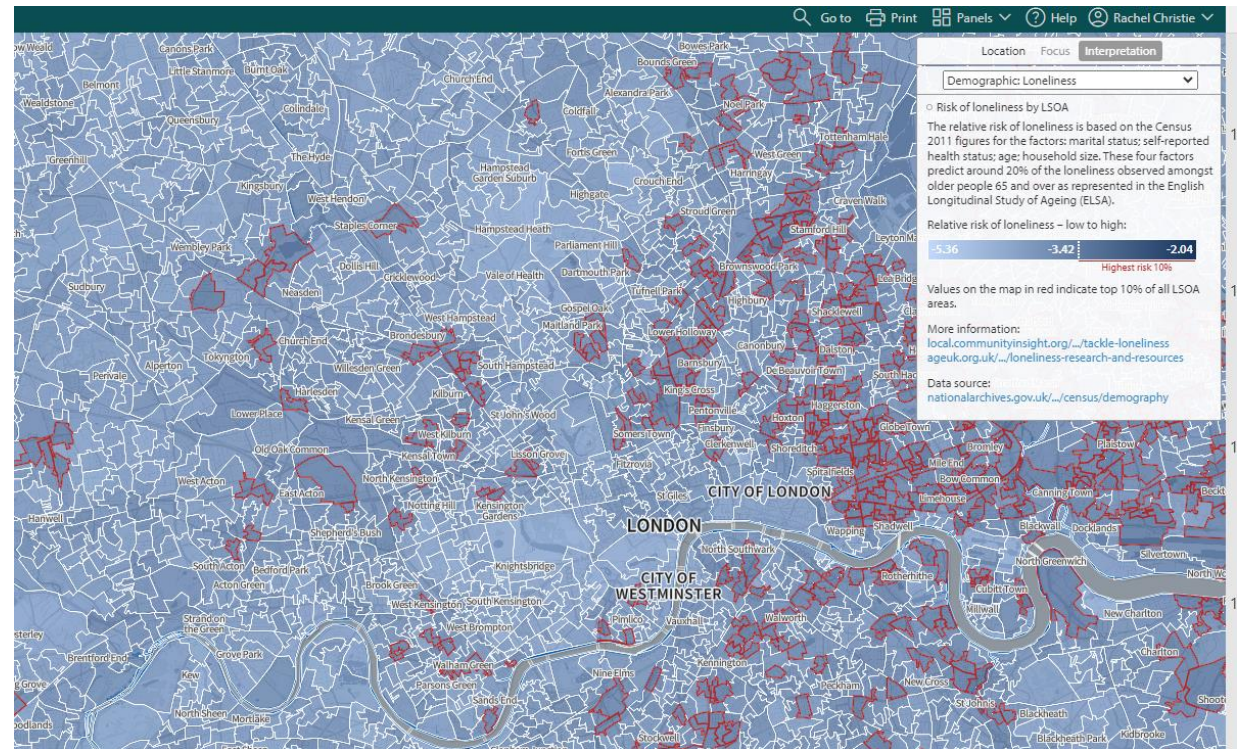
Finance & Economy

Shape Atlas

The [Shape Atlas](#) is produced by the Department of Health and Social Care. It takes data from NHS, Pharmacy's, Environment, Education etc and geographically maps the values.

NB: requires registration

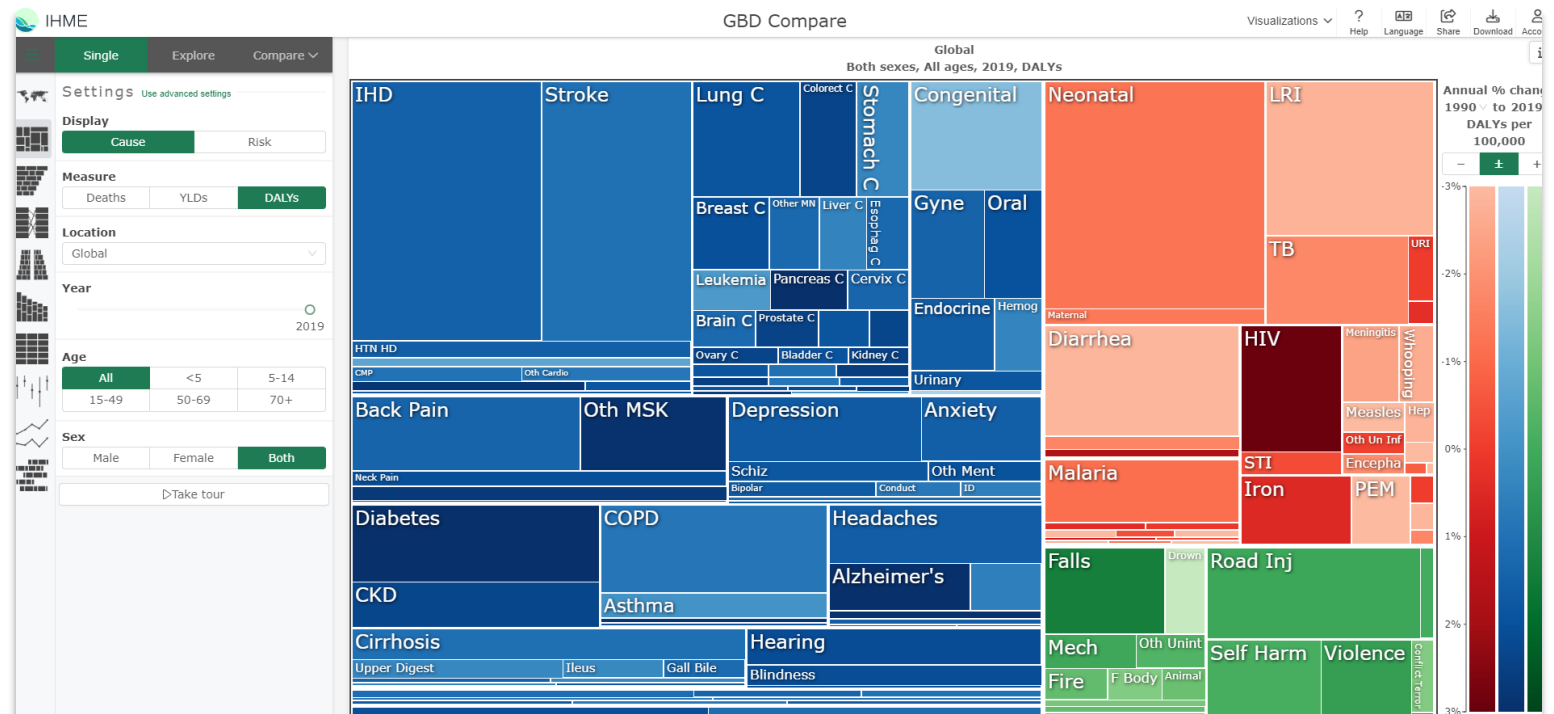
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Global Health Data Exchange

The [Global Health Data Exchange](#) (GHDx) is the a comprehensive catalogue of surveys, censuses and statistics. A key resource is the [Global Burden of Disease](#) (GBD) Compare tool. The is a large study that quantifies health loss across the world over time.

NB: This data is only updates every 10 years.



And more

There are many other resources that take data from NHS and government departments and displays them in useful or interesting ways. Please always share any other useful resources people have come across!