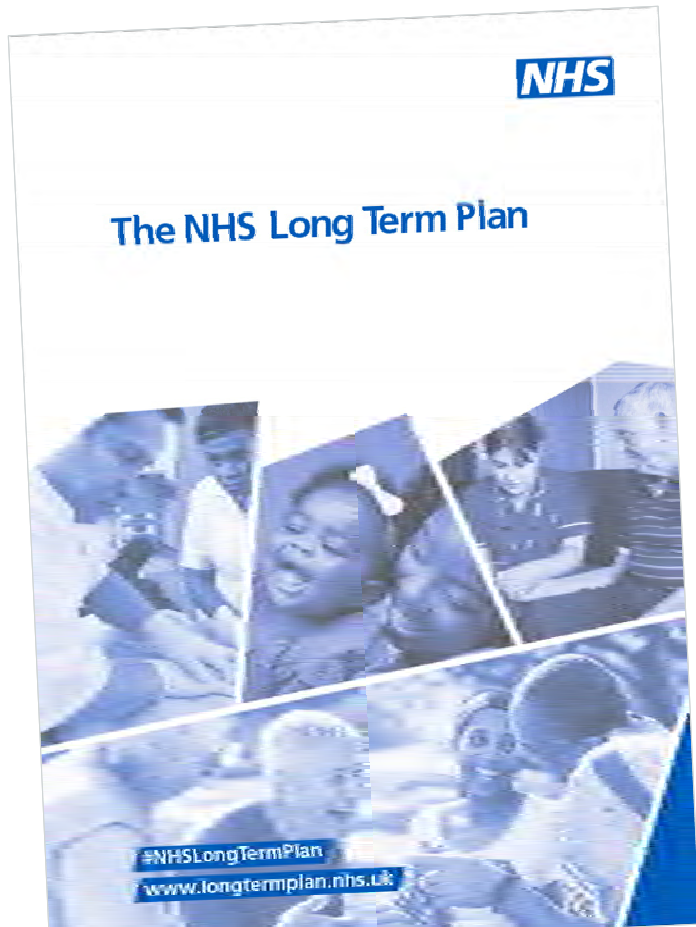


The Role of National Open Data Strategy in Pandemics

NHS Digital's response to COVID-19, Open Data, and protecting
citizens data rights

The NHS Long Term Plan @ Jan 2019



New service model: more control for the patient and fully integrated health and social care at the local level

Better prevention, less inequality

More recruitment and a better working environment

Improved use of data and digital technology

Best value for taxpayers

NHS Digital:

To harness the power of information and technology **to make health and care better**



World Health
Organization



NHS Digital Response To COVID-19



Improving and updating citizen facing channels



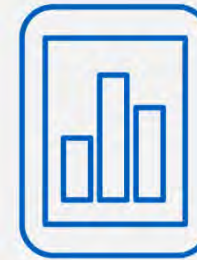
Enabling remote and collaborative care



Delivering digital service for NHS Test and Trace



Identifying and protecting vulnerable citizens



Data intelligence to support planning



Enabling research and clinical trials

Find out what we've been working on in the past four weeks: <https://digital.nhs.uk/coronavirus/nhs-digital-coronavirus-programme-updates/programme-updates-29-july-2020>

The ODI



**Dr Jeni
Tennison**
CEO



**Sir Nigel
Shadbolt**
Chairman



**Sir Tim
Berners-Lee**
President

Founded in 2012, the Open Data Institute (ODI) is an international, independent and not-for-profit organisation based in London, UK.



Vision

**We want a world where
data works for everyone.**



Mission

... +

**We work with companies and
governments to build an open,
trustworthy data ecosystem.**

Open Data In The NHS, Three Goals

“Open data is data that’s available to everyone to access, use and share”

1. Improving health and social care
2. Informing the public debate
3. Supporting innovation and developing the UK economy

COVID-19 has driven transformation in Open Data, by getting many eyes on the data to inform the pandemic response

The screenshot shows the NHS Digital Dashboards page. At the top left is the NHS Digital logo. To the right is a search bar and a menu icon. Below the header is a breadcrumb trail: NHS Digital > Dashboards. A blue banner contains the text "Data dashboards" and "Dashboards help us visualise our work". The main content area features four dashboard cards:

- Progression dashboard**: This data shows NHS Pathways coronavirus (COVID-19) triage data and coronavirus cases across England from the number of people with coronavirus identified through an NHS lab (Pillar 1) or from commercial swab testing (Pillar 2) of testing. Icon: Microscope.
- NHS Pathways coronavirus triage**: See the latest data on the use and outcome from NHS Pathways and NHS 111 online coronavirus sessions. Icon: Coronavirus particle.
- Coronavirus shielded patient list open data set, England**: This data shows open data about the shielded patient list, and how it has been used. Icon: Shield with checkmark.
- NHS e-Referral Service (e-RS) open data dashboard**: A summary of the information for anonymous NHS e-Referral Service (e-RS) data for referrals, bookings and appointment slot issues (ASIs) by specialty at Clinical Commissioning Group (CCG) level. Icon: Computer monitor with cursor.

Last edited: 2 July 2020 4:00 pm

You can find our dashboard hub at: <https://digital.nhs.uk/dashboards>

Progression dashboard

The dashboard shows both the rate of triage for coronavirus (COVID-19) using NHS Pathways, and the number of people confirmed by a lab to have coronavirus (a positive test).

All information and caveats can be found on the [mobile-friendly dashboard](#).

[Back to mobile-friendly view](#)

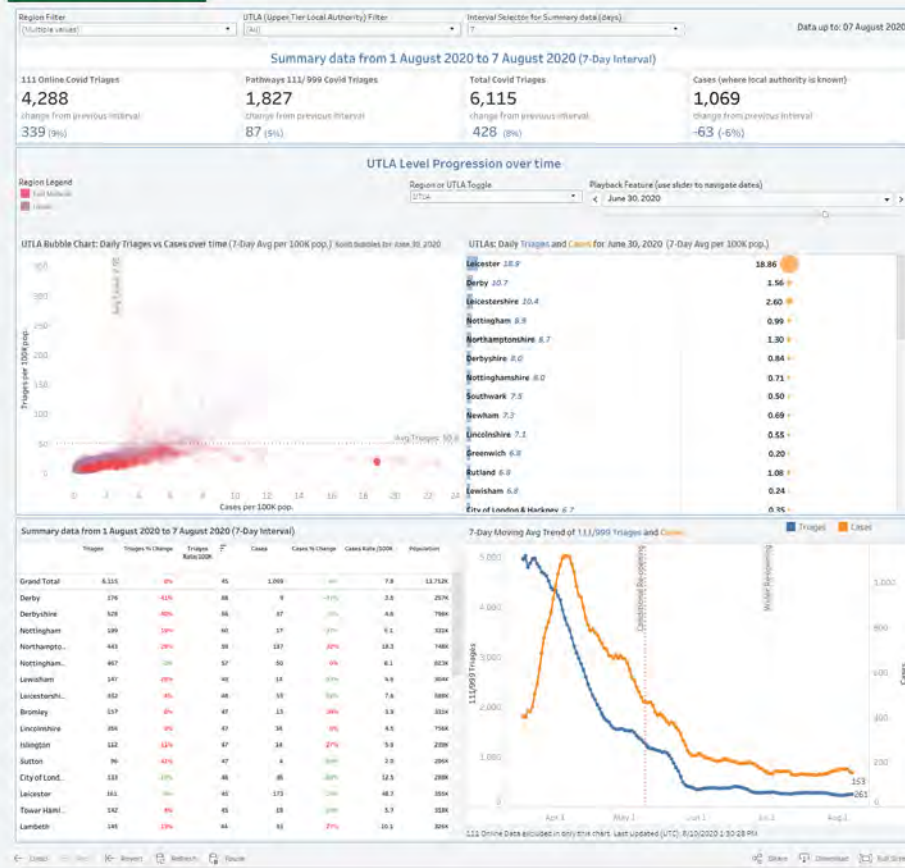


Progression dashboard

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[Back to mobile-friendly view](#)



Coronavirus shielded patient list open data set, England

The coronavirus (COVID-19) shielded patient list is enabling partner organisations across government to support and protect those who need shielding at this time. This data shows open data about the shielded patient list, and how it has been used.

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- [How recent this data is](#)
- [Data included and excluded](#)
- [Caveats](#)
- [Full report and datasets](#)



If you are a patient

If you are a patient looking for advice, [visit the shielded patient pages on NHS.UK](#)

If you are already on the list and require extra support, [you can register on gov.uk](#)

Please do not send any personal information to our mailboxes.



Beta version

This is a public beta version of this dashboard. It may change without notice.

What this data shows

The dashboards provide a count of living patients that are classified as being on the Shielded Patient List.

The open data contains:

- A count of living patients that are classified as being on the Shielded Patient List by CCG of residence, broken down by age band and gender
- A count of living patients that are classified as being on the Shielded Patient List by local authority of residence, broken down by age band and gender

You can also [see this data split by disease group](#).

This data has been released to inform the public and support the health and social care system in planning.

It is updated regularly to inform the public and support the health and social care system with planning. Each list will be based on the latest version of the [shielded patient list clinical algorithm](#) at that time.

The open dataset includes regional and local data to allow for analysis, modelling and planning to take place to aid the response to the coronavirus pandemic.

Dashboard

The data within this dashboard is updated weekly, however there is up to a week lag from the data extraction to publication to allow for the data to be processed and the necessary data quality assurance to be completed. This could result in the dashboard data being up to thirteen days old.

This dashboard was published on 6 August, the next scheduled dashboard update is 13 August.

[View data split by disease group](#)

Data by age and gender

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View data split by disease group

Data by age and gender

Report as of: July 30, 2020



Regional Granularity
[Change Geographical Group]

Map Region: [All] Map Filter: (By Age or Gender) [All]

Density of Shielded Patients

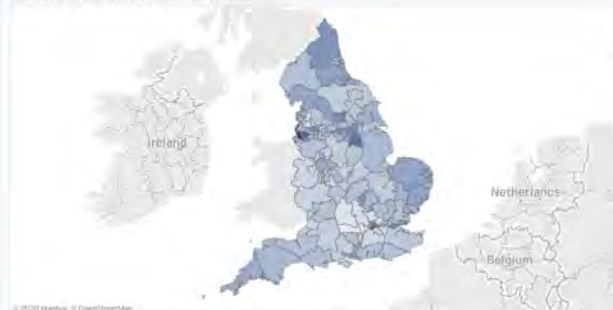


Table Regions: [All] Table Filters: (By Age and/or Gender) [All]

Regional Data Summary*

	Region	Population					Patient Count					Percentage Pop		
		0M	10M	20M	30M	40M	0K	500K	1000K	1500K	2000K	0.00%	50.00%	100.00%
ALL	East of England	8,985,188					273,645				3.04%			
	London	9,306,011					802,490				8.52%			
	Midlands	10,599,719					392,300				3.69%			
	North East an	5,668,025					589,825				10.39%			
	North West	5,032,947					397,300				7.89%			
	South East	8,352,211					300,520				3.59%			
	South West	5,881,597					236,450				4.00%			
	England	55,977,178					2,230,833				3.99%			
0-15	East of England	3,451,147					12,590				0.36%			
	London	3,116,968					16,975				0.54%			
	Midlands	3,177,791					15,290				0.48%			
	North East an	3,274,139					12,890				0.39%			
	North West	3,363,620					11,950				0.35%			
	South East	3,389,125					11,865				0.35%			
	South West	2,168,058					7,020				0.32%			
	England	33,984,884					91,593				0.27%			
16-64	East of England	4,292,931					140,615				3.28%			
	London	6,094,469					182,065				2.99%			
	Midlands	6,785,119					202,155				2.98%			
	North East an	4,320,134					202,915				4.72%			

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If you have problems or questions

If you need help with this dashboard, or if it isn't working properly, then contact the NHS Digital customer service centre.

We are open 9am to 5pm, Monday to Friday, except on public holidays.

enquiries@nhsdigital.nhs.uk

0300 303 5678

Data included and excluded

Included in this data

- ✓ All patients in England identified by GPs and hospital doctors
- ✓ All patients in England identified using the current version of the [clinical algorithm](#)

Excluded from this data

- ✗ This does not include any patient with a clinical commissioning group outside of England
- ✗ This does not include patients who a GP or hospital doctor has told us in not clinically extremely vulnerable, and have been removed from the list
- ✗ This does not include patients who have specifically asked to be removed from the list
- ✗ This does not include deceased patients who were removed using the [personal demographics service](#) (accepting one or both of the "formal" and "informal" death markers)
- ✗ This does not include patients who have self-referred on to the shielded patients list.

Caveats

The shielded patients list is continually being refreshed with additional data, updated data, and/or updated logic.

This data is only accurate at the time of production.

Only patients with a CCG in England are included in this analysis, and therefore the number of patients in the CCG data will not be the same as the total number of patients on the SPL.

Full report and datasets

To see the full data which powers this dashboard, including accessible versions of the data, see our publication.

These links are to the latest data, or to the entire published series.

 [IMJ Coronavirus Shielded Patient List Summary Totals, England](#)

Last edited: 6 August 2020 9:37 am

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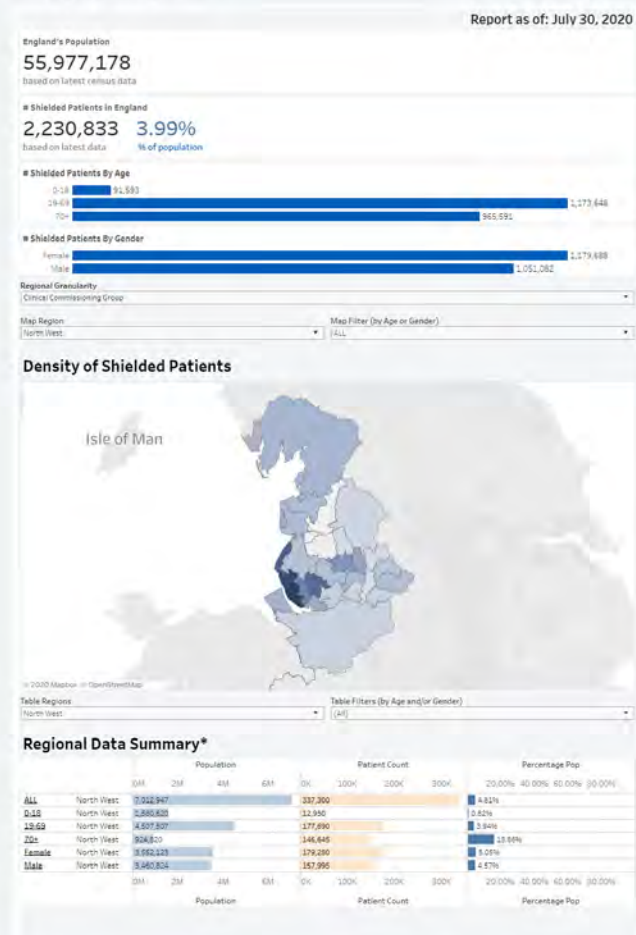
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[View data split by disease group](#)

Data by age and gender



Protecting Citizens' Data Rights: Enhanced Legal Framework

COVID-19 Public Health Directions 2020

A Direction given by the Secretary of State for Health and Social Care requiring NHS Digital to establish and operate information systems to collect and analyse data in connection with COVID-19, and develop and operate information and communication systems to deliver services in connection with COVID-19.

COVID-19 public health NHS England Directions 2020

Directions given by NHS England requiring NHS Digital to establish and operate information systems to collect analysis data in connection with COVID-19 and develop and operate information and communication systems to deliver services in connection with COVID-19.

Control of patient information (COPI) notice

The Secretary of State for Health and Social Care has issued NHS Digital with a Notice under Regulation Regulation 3(4) of the National Health Service (Control of Patient Information Regulations) 2002 (COPI).

[Section 255 Requests from National Services Scotland, Public Health Wales and the Department of Health and Public Health Agency \(NI\)](#)

The screenshot shows the GOV.UK website header with a search bar and navigation links for Departments, Worldwide, How government works, Get involved, Consultations, Statistics, and News and communications. Below the header is a black navigation bar with a yellow arrow icon and the text 'Coronavirus (COVID-19) | Guidance and support'.

[Home](#) > [Coronavirus \(COVID-19\)](#) > [Health and wellbeing during coronavirus](#)

Decision

Coronavirus (COVID-19): notification to organisations to share information

Notification to healthcare organisations, GPs, local authorities and arm's length bodies that they should share information to support efforts against coronavirus (COVID-19).

Published 1 April 2020

From: [Department of Health and Social Care](#) and [The Rt Hon Matt Hancock MP](#)

Documents



[Coronavirus \(COVID-19\): notice under reg 3\(4\) of the Health Service Control of Patient Information Regulations 2002 – general](#)

PDF, 124KB, 3 pages



[Coronavirus \(COVID-19\): notice under regulation 3\(4\) of the Health Service Control of Patient Information Regulations 2002 – NHSE, NHSI](#)

PDF, 127KB, 2 pages

Protecting Citizens Data Rights, is Based on TRUST

- **Rigorous** – in maintaining privacy and confidentiality standards but ensuring data flows to those who need it (and have a legal basis...)
- **Solutions focused** – we have been able to use the legal framework to solve problems to enable data to flow
- **Data accuracy, minimisation** (necessity and proportionality), and **cyber security** key
- **Accountability-**
 - Data Privacy Impact Assessments (risks) and Fast Track Approval Assessments
 - Transparency over collection, analysis, dissemination
 - New collections: Update unified register
 - Data releases: Monthly register
- **Communication-**
 - With National Data Guardian for Health and Care, and Information Commissioners Office
 - Active participant in understanding patient data

Connect with us **@tomdenwood**

 **@nhsdigital**

 **company/nhs-digital**

 **www.digital.nhs.uk**

Information and technology
for better health and care