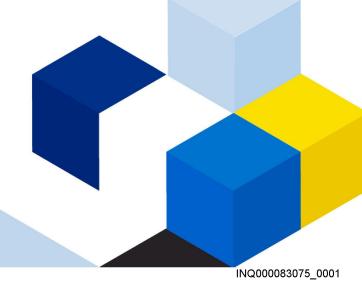


# NHS Digital COVID-19 Gold Report

20 July, 2021



#### Overview of active initiatives in NHS Digital's COVID-19 response – 20 July, 2021

referrals & outcomes

COVID-19 strategic focus areas		Initiatives NHS Digital is delivering				Significant milestone reported in this update		Work ongoing
	Technology & Data workstream for Vaccinations (p.4-5)	Booking systems: deliver national & local booking capabilities	Data flows and dashboards: data architecture, quality checks & visualisation	Point-of-Care systems: assure performance and data integrity	Communication Infrastructure: connectivity, NHSmail, devices	Monitoring Adverse Reactions: data flows & analysis to support system partners	Service Operations: operational support for the end-to-end vaccination service	Cyber Security Operations Centre: cybersecurity services for Vaccination
	Deliver digital services for NHS Test and Trace (p.6)	Digital platform for Pillar 2 & 3 Testing: all out-of-hospital testing for the public	Contain: public and private access to COVID-19 dashboards	Cyber Defence Operations Centre: security services for Test, Trace & Contain	Service Operations: ensuring performant operation of Pillar 2 testing infrastructure			
	Provide digital channels for citizen guidance and triage (p.7)	NHS COVID Pass: provide citizens with testing and/or vaccination status	Covid Therapeutics: enable delivery of Covid-19 therapies by primary care	NHS Pathways: new products and content to enable wider COVID-19 response	111 Online: enhancements to enable wider COVID- 19 response	NHS App: over 1m users now accessing personalised health services via NHS App	NHS.UK: up-to-date health information and various digital services for citizens	
	Identify and protect vulnerable citizens (p.8)	Shielded Patient List (SPL): developed & maintaining list of vulnerable people	Risk Stratification: platform to support more granular COVID-19 risk profiles	SPL Data for Public Health: private dashboards to facilitate planning				
I Maradilli I	Enable remote and collaborative care with systems and data (p.9)	COVID Oximetry @home: enabling monitoring of high risk patients in their homes	GP Connect: information sharing across primary and urgent care	GP Connect for Social Care: access to GP records to support direct care	Long Covid: data and digital capabilities to enable treatment and info provision	Microsoft Teams Deployment: deployment to 1.2m NHS Mail users		
	Support planning with data, analysis, and dashboards	Situation Reports: collecting data for NHSE on COVID-19 patients/staff impacts						
	Get data and insights to research communities & support clinical trials (p.10)	Trusted Research Environment for England (nominated by SAGE)	RECOVERY Trial: Hospital and testing data for evaluating treatments	NHS COVID-19 Vaccine Registry: facilitating recruitment into clinical trials	PRINCIPLE Trial: primary outcome data for trial focused on older people	HOSTED: monitoring of anonymised household transmission by PHE	Novavax Trial: supporting Phase 3 trial for COVID-19 vaccine candidate	Enabling Research: initiatives to accelerate production and improve access
1631	Provide secure infrastructure and support additional capacity	Other infrastructure and cyber support: e.g. Laptops, cyber plans	Connectivity: network upgrades and extensions within NHS and social care	Authentication: development of additional virtual smartcard solutions	NHS Mail for health and social care: expansion and upgrade of capability			
	Plan for recovery, restarting	"Healthcare debt" analysing activity,						



services and new needs

#### Overview of completed initiatives in NHS Digital's COVID-19 response – 20 July, 2021

#### **COVID-19 strategic focus areas**

#### Initiatives NHS Digital has delivered

Work complete



Technology & Data workstream for Vaccinations (p.4-5)



Deliver digital services for NHS Test and Trace (p.6)



Provide digital channels for citizen guidance and triage (p.7)



Identify and protect vulnerable citizens (p.8)



Enable remote and collaborative care with systems and data (p.9)



Support planning with data, analysis, and dashboards



Get data and insights to research communities & support clinical trials (p.10)



Provide secure infrastructure and support additional capacity



Plan for recovery, restarting services and new needs

Service Design: targeted reviews to ensure coherence across Test & Trace Trace: digital infrastructure for contact tracing

Coronavirus in your area dashboard: local views of cases and 111 triages

Mental Health

work remotely

Central

NHS Login: secure identity verification for access to App and other NHS services

Self-Isolation Notes: digital service to selfcertify for COVID-19 if evidence required

111 First (EDDI): booking appointments from 111 telephony / online into EDs

Find my NHS number: service to rapidly provide NHS number to people

Shielding Notes:

evidence required

digital service to self-

certify for COVID-19 if

111 First (ED Streaming): enabling efficient management of patients in EDs

SPL Open Data: providing open data / visualisation of aggregated data

Video-consultations

assurance and rollout

to >90% of practices

**Ethnicity Outcomes** 

Analysis: analysis to

investigate high

BAME fatalities

Plasma Trial:

identification of

eligible (recovered

COVID-19) patients

advice and technical

Returning Staff:

support for

onboarding

for Primary Care:

Vulnerable children: support safeguarding by sharing data with nurses, health visitors

Video Consultations

rollout/implementation

factors: linking data

from national audit to

UK Biobank: large-

genetic database for

scale medical and

health research

You: survey for

recruitment of

Your NHS Needs

returning clinicians

for Outpatients:

support to NHSE

support analysis

Diabetic risk

COVID-19 on children and young people "Bring Your own Device" for Primary

Disseminator of GP

connectivity, technical

Data for research

and planning

Nightingale

Hospitals:

Survey: impact of

Electronic Prescription Service Care: enabling GPs to (EPS): electronic by

iPads for Social Care: secure access to patient data for default (Phase 4) direct care

REACT1: data for community prevalence testing (antigen testing)

Social Care Data Collection from Care Management Systems

Secondary Care Medicines Data: developing new data collection

e-Referral Dashboard: open data showing referral trends during COVID Cancer: linking data and performing analysis to support planning & research





#### NHS Digital's COVID-19 response – Support delivery of vaccinations (1 of 2)

NHS Digital is leading the Technology and Data workstream of the Vaccinations programme, providing data, analysis, and infrastructure to support delivery of vaccination programmes and facilitate post-vaccination monitoring

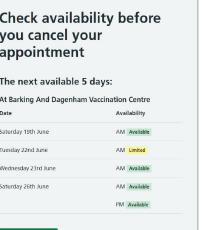
Initiatives	Focus area	Deliveries and impact	On 17 June, delivered
Initiatives  Appointment Booking	National Booking Service	• Processed more than 1m bookings on 08 June, equivalent to ~45k appointments per hour, as vaccinations were made available to people aged 25-29*. As of 15 July, the national booking service had	appointment availabil to facilitate rebookin
		<ul> <li>been used to book 37m appointments at NHS vaccination centers and community pharmacies</li> <li>Updated system on 14 May and 14 June to reflect revised guidance from the JCVI that the gap between first and second doses should be reduced to 8 weeks for specific cohorts**. To facilitate rebooking of second doses, introduced functionality on 17 June that allows availability at specific sites to be viewed prior to cancelling and rebooking appointments (see graphic). Between 12 and 19 July this visualisation functionality was used 1.35m times</li> <li>Delivered integration on 18 June that enables GP practices and Primary Care Networks (PCNs) that use the accuRx local booking system to access booking history information for their patients from the national booking service. This integration enables local vaccination services to check whether patients have already booked appointments through the national service prior to inviting them for a vaccination at a local provider. As of 16 July, information for ~22.5m bookings had been provided from the national service to accuRx</li> </ul>	Check availabilit you cancel your appointment  The next available 5 day At Barking And Dagenham Vacci Date  Saturday 19th June  Tuesday 22nd June
	Call and Recall Service	<ul> <li>Continued to manage the service, delivered by our partners NHS South, Central and West CSU, that sends vaccination invitations to eligible citizens and issues reminders to people who have not attended or booked appointments. As of 19 July, 98m invitations had been issued via letters (50m) and texts (48m)</li> <li>Delivered solution to send text messages to people who, following revised JCVI guidance, were eligible for an earlier second vaccination. This has resulted in 2.35m people moving their appointment forward by an average of 14.9 days, equivalent to 35m days of extra protection</li> </ul>	Wednesday 23rd June
			Saturday 26th June  Continue to cancel
	Find a walk-in vaccination site		Between 12 and 19 Ju functionality was u Book a coronavirus (www.nl

<sup>\*</sup> Young people deliver record-breaking day for NHS COVID-19 jab bookings - NHS Digital

<sup>\*\*</sup> Most vulnerable offered second dose of COVID-19 vaccine earlier to help protect against variants - GOV.UK (www.gov.uk)



On 17 June, delivered the ability to view appointment availability at specified sites to facilitate rebooking of second doses



Between 12 and 19 July, the visualisation functionality was used 1.35m times

<u>Book a coronavirus vaccination - NHS</u>

(www.nhs.uk))

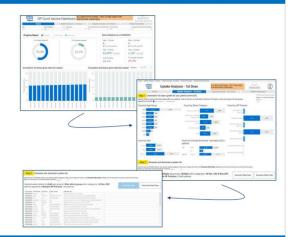


#### NHS Digital's COVID-19 response – Support delivery of vaccinations (2 of 2)

NHS Digital is leading the Technology and Data workstream of the Vaccinations programme, providing data, analysis, and infrastructure to support delivery of vaccination programmes and facilitate post-vaccination monitoring

Initiatives	Focus area	Deliveries and impact
Data Quality	Data and Dashboards	<ul> <li>Deployed the GP Covid-19 Vaccination Dashboard to pilot group of ~10 GPs on 12 July.         The dashboard enables GPs and Primary Care Network-led Local Vaccination Services to visualise COVID-19 vaccine uptake across patient groups in their area and access patient contact information so invitations / reminders can be sent and appointments can be arranged (see graphic). Following positive feedback from the pilot, we are working to deploy the dashboard nationally from 20 July with communication to practices planned to start on 27 July     </li> </ul>
Point of Care (POC) Systems	Supporting Market Expansion	<ul> <li>Completed Controlled Go Live (CGL) and assurance on 22 June for Eva Health's point of care (POC) product, eVacc, and made the solution available to all Primary Care Networks.</li> <li>Work continues with other suppliers to expand the number of POC systems available for recording vaccinations with TPP's solution expected to be available by the end of July and solutions from EMIS, Sonar and Medical Director currently undergoing assurance*</li> </ul>
Communication Infrastructure	Connectivity	<ul> <li>Continued to work alongside NHS England and telecommunications suppliers to ensure that sufficient fixed connectivity, WiFi and back-up 4G connections are available for vaccination centres and for primary care sites and community pharmacies offering vaccinations</li> <li>Assured decommissioning of 19 sites no longer required for vaccination and continuing to support transition to longer-term strategy for vaccination sites</li> </ul>
Strategic Planning	Supporting Future Vaccination Campaigns	<ul> <li>Continued to work with NHS England's COVID Vaccination and Flu Vaccination teams to prepare for Phase 3, the autumn / winter vaccination campaign</li> <li>Reviewing how to leverage the platform capability developed for COVID-19 vaccination for other uses. The team's focus continues to be on completing Phase 2, first and second COVID-19 vaccinations for people aged between 18 and 49, with further analysis on wider applications for the infrastructure planned for later in the summer</li> </ul>

The GP Covid Vaccine Dashboard is being deployed starting 20 July, enabling Covid-19 vaccine uptake to be visualised across patient groups in a specific area



The service also provides access to patient's contact information to enable GPs and PCN-led Local Vaccinations Services to increase local uptake

<sup>\*</sup> Assured Point of Care systems for the coronavirus (COVID-19) vaccination - NHS Digital





#### NHS Digital's COVID-19 Response – Deliver digital services for NHS Test and Trace

NHS Digital is the primary digital delivery partner for Testing within NHS Test & Trace, supports Contain via a series of dashboards plotting the infection spread within the UK, and provides IT service management and cyber security management for Testing and Contain

Initiatives	Focus area	Deliveries and impact
PCR Testing	Pre-registration for Elective Care	<ul> <li>Introduced pre-registration of PCR test kits for elective care on 08 July. Pre-registration ensures test kits are correctly linked to patients so they are able to attend elective care. Previously, up to 40% of kits were not correctly registered (~800 patients per day). As of 16 July, ~10k patients had used the service</li> </ul>
NHS COVID Pass	Test Results	<ul> <li>Deployed integration on 28 May to make Pillar 2 test results* available via the NHS COVID Pass (see page 7). Delivered processing improvements on 16 July to reduce the time required for these test results to be made available in the NHS COVID Pass once reported to NHS Test and Trace: ~67% of test results are now available within 15 minutes and ~90% of test results are available within 45 minutes of results being reported to NHS Test and Trace</li> </ul>
	Bulk Registration & Results Upload	<ul> <li>Enabled Lateral Flow Device (LFD) test results to be uploaded in bulk on 19 May, reducing the administrative burden for over 16k care homes. The ability to upload up to 100 results at a time was rolled out to a further 32k adults social care settings on 01 July (e.g. hospices, adult day care centres)</li> </ul>
Asymptomatic Testing	Self-Reporting of Lateral Flow Device (LFD) Tests	<ul> <li>Deployed redesigned triage for self-reporting on 03 June to better direct people to the relevant questions, making it easier to report results and providing more accurate management information</li> <li>Enabled household accounts for all types of self-reporting on 12 July, allowing a single account to be used to report results for all individuals within the same household, reducing the time required to enter test results for all members of a household by more than 50%</li> </ul>
	Digital LFD Reader	<ul> <li>Launched the digital LFD reader on 03 June which enables a test subject's results on their LFD test to be read digitally by their device's camera, increasing the accuracy of the reading, and then automatically reported to NHS Test and Trace. This option has now been rolled out to over 400 organisations, including adult social care homes, independent healthcare providers, and schools, with over 50k test results reported via the digital reader as of 16 July</li> </ul>
Data and Dashboards	Transition to GOV.UK	Transitioned ongoing support and development of two COVID-19 dashboards to GOV.UK on 30 June: the 'Coronavirus in your area' dashboard, which showed the number of confirmed and suspected COVID-19 cases in a specific area, and the 'Progression' dashboard, which showed the rate of triage for COVID-19 (using NHS Pathways) and number of confirmed cases over a specified period

Introduced pre-registration of PCR test kits for elective care on 08 July



Pre-registration ensures patients with negative tests are able to attend planned elective care





### NHS Digital's COVID-19 response – Provide digital channels for citizen guidance and triage

Providing digital channels for citizens to access information and guidance, self-manage and be routed to the most appropriate care, minimising contact and reducing the burden on clinical staff

Initiatives	Focus area	Deliveries and impact	Delivered new allows peop
NHS COVID Pass	Data and Infrastructure	<ul> <li>With partners, continued to support the programme that allows people in England to demonstrate their COVID-19 status for international travel and for Events Research Programme (ERP) trials* through a 2D barcode. The NHS COVID Pass** is available for people aged 16 and over who have received a full course of the COVID-19 vaccine in England. The service has been available via the NHS App*** and by calling 119 to request a letter since 15 May. As of 07 July, over 14m 2D barcodes had been generated and over 2M PDFs had been downloaded.</li> <li>Expanded support for international travel on 09 June, enabling people to request vaccination status letters to be posted to them via NHS.UK (Get your NHS COVID Pass letter - NHS (www.nhs.uk)(see graphic)</li> <li>Introduced the NHS COVID Pass service for use at the ERP's pilot events on 21 June. The domestic service includes testing and vaccination status</li> </ul>	OOVID-19  09 June – Get yo coronavirus vac status letter [NHF For self-serve or digital. No login resident in the serve of
COVID Therapeutics	Primary Care	<ul> <li>Continued to support NHS England's programme for providing therapeutics through primary care to people who have tested positive for COVID-19. Progressing preparatory work to enable more rapid mobilisation of delivery channels as soon as novel therapies are approved for treatment of COVID-19 patients in primary care. Additional work will be required once the first therapy is approved</li> <li>Completed development for Phase 1 enhancements to the minimum viable product (MVP) on 14 July, which provides the ability to identify eligible cohorts based on specified medical conditions (for the MVP eligible cohorts were defined solely by age) and functionality for GPs to view lists of eligible patients to support proactive follow-up. Testing and assurance are now underway</li> <li>Commissioned by NHS England to deliver further, strategic enhancements and planning underway to support delivery of the prioritised features</li> </ul>	We can set this some of private heading years to the jump of 2008 to 14 securitation.  Who can use this service  We can use this service  We can use this service of the finishment  • private And 2 dates of the COORD to the  • published year securitation to legisland.  • private And 2 dates of the COORD to the  • published year securitation to legisland.  • published years securitation of legisland.  • published years securitation of the coordination of the department before the department of the coordination of the department before the question of the department

w functionality to expand service that ple in England to demonstrate their 9 status via the NHS COVID Pass 21 June - Covid Pass [NHS App, NHS website] accination NHS websitel or 119 assisted For Domestic Events - initial pilot phase through Events in required Research Programme navirus ccination ced ability to request coronavirus n letters via NHS.UK on 09 June and,

> delivered NHS COVID Pass for use at search Programme trials on 21 June

<sup>\*\*\*</sup> The NHS App provides a simple and secure way for people to access a range of NHS Services on their smartphone or tablet (NHS App - NHS Digital)



<sup>\*</sup> Information about the Events Research Programme (ERP), paving the way for larger audiences to attend sport, theatre and gigs safely this summer - GOV.UK (www.gov.uk)

<sup>\*\*</sup> Demonstrating your COVID-19 vaccination status - GOV.UK (www.gov.uk)



### NHS Digital's COVID-19 response – Identify and protect vulnerable citizens

Identifying and protecting vulnerable citizens, to ensure that they can be shielded or receive additional support

Initiatives	Focus area	Deliveries and impact
Shielded Patient List (SPL)	Identifying vulnerable citizens	<ul> <li>At the request of the Department for Health and Social Care (DHSC), continued to maintain the Shielded Patients List (SPL) following the pause of national shielding guidance on 01 April.</li> <li>Maintenance of the SPL ensures clinically extremely vulnerable (CEV) people can be rapidly identified if targeted support needs to be provided in the future (e.g. booster vaccinations)</li> </ul>
	Optimising the Service	<ul> <li>Completed migration of the SPL service to Cloud-based infrastructure on 24 May, delivering significant improvements to performance and resilience. The time required for the weekly service runtime has reduced from 3-8 days to 1-2 days</li> <li>Delivered new capability on 19th July to enable provision of SPL communications from the NHS and DHSC in braille or large print formats where this preference has been recorded in the Personal Demographics Service (PDS)*, the national electronic database of NHS patient details</li> <li>Progressing further optimisation work including improvements to the SPL methodology, routine capture of patient communication preferences, and communications with CEV removed locally. The aim is to enable the service to support a potential coronavirus booster programme** and planned enhancements to the QCovid algorithm (see below)</li> </ul>
Risk Stratification	Identifying individuals with increased risk from COVID-19	<ul> <li>Introduced a new authentication solution on 29 June that enables ~500 GPs working for the Ministry of Defence (MoD) to access the COVID-19 Clinical Risk Assessment Tool at MoD sites globally (it was previously only available in England). The tool helps clinicians better understand an individual persons' risk from COVID-19 based on a characteristics particular to that person (e.g. age, sex, ethnicity, medical conditions)(COVID-19 Clinical Risk Assessment Tool - NHS Digital)</li> <li>Continued to work closely with the University of Oxford on plans to update the QCovid™ risk calculator to reflect the impact of vaccination and improved clinical understanding of COVID-19</li> <li>Along with partners at DHSC and the University of Oxford, the NHS Digital team has won the Florence Nightingale Award for Excellence in Healthcare Data Analytics (see graphic) and has been shortlisted for the Best Use of Technology in Patient Safety Award by HSJ (winners will be announced in Sept)</li> </ul>

The Royal Statistical Society & the Health Foundation have awarded the 'Florence Nightingale Award for Excellence in Healthcare Data Analytics' to the Risk Stratification team







This award recognises practitioners in applied health care data analytics who have gone the extra mile in delivering innovative improvements for the health care system

<sup>\*\*\*</sup>RSS - Florence Nightingale healthcare data awards: 2021 winners



<sup>\*</sup> Demographics - NHS Digital

<sup>\*\*</sup> JCVI issues interim advice on COVID-19 booster vaccination - GOV.UK (www.gov.uk)



#### NHS Digital's COVID-19 response - Enable remote and collaborative care

Making data and systems available to enable remote and collaborative working by health and care staff, minimising transmission and managing strained capacity

Initiatives	Focus area	Deliveries and impact
GP Connect	NHS Organisations	<ul> <li>Continued to facilitate information sharing between authorised NHS staff through Access Record standards, which allows clinicians to view a read-only version of the patient's detailed GP practice record, and Appointment Management, which allows organisations to share and manage their appointments to support joined up patient care. 99% of GP practices are able to share records and appointments through GP Connect. As of 16 July, the solution had enabled 34m patient records to be accessed and 1.5m GP appointments to be booked by other NHS organisations (including the COVID-19 Clinical Assessment Service)</li> </ul>
	Social Care	<ul> <li>Continued to enable real-time sharing of medical information between GP systems and clinicians in Social Care settings through implementation of Access Record standards. As of 16 July, the solution had been deployed to 121 Care Homes with ~37k views of patient records, providing authorised Care Home staff with data on allergies, vaccinations, and medical conditions that, in some cases, would not have been available</li> </ul>
Remote Digital Care	COVID Oximetry@ home	<ul> <li>Continued to deliver daily lists of new patients with a positive COVID-19 test who are over 65 and/or clinically vulnerable to CCGs for recruitment into home monitoring of oxygen saturation levels using pulse oximeters. On 05 June implemented changes to enable provision of data for Pillar 2* test results by 8am (~97% of results) enabling earlier recruitment by providers that recruit via home visits. Data for Pillar 1* and 4* test results continues to be delivered by noon</li> <li>Delivered data on 28 May to the evaluation teams from Imperial College London, University College London and the Health Foundation to support their assessment of the effectiveness and impact of the programme. This included data for ~48k patients that participated in the COVID Oximetry@home programme along with data for ~3m people with a positive COVID-19 test linked to sources that provide data on outcomes (e.g. Hospital Episode Statistics)</li> <li>Commenced collection of historic results directly from remote monitoring apps on 06 July with additional data planned to be delivered to evaluation teams on 23 July</li> </ul>

**GP** Connect is enabling clinicians to share patient information across care settings and contributing to significant improvements in care

""It's been the best digital health development that I've seen in 5 years in the ambulance service. It's a game-changer for clinical decision making and for my colleagues and I in providing better patient care and often using more appropriate alternative pathways than the default - the A&E department"" Hampshire and Isle of Wight STP

> "We find that it has vastly improved our clinical care of the patient, as well as our efficiency of being able to clerk them into hospital. Enquiries that would have previously taken several hours (drug reconciliation out of hours, previous diagnoses in a patient who is confused, recent contacts with GP) are being completed within minutes." University hospitals Plymouth

"Ten residents who had been previously vaccinated for COVID (one jab) were due a second...but the Army who were doing the vaccination wouldn't [vaccinate] as they were not sure what vaccine they had [been given]...but with GPC the home were able to prove it...so they got vaccinated...Our nurses call it a game changer." Care Home Provider

<sup>\*</sup> COVID-19 testing data: methodology note - GOV.UK (www.gov.uk): Pillar 2 is out-of-hospital antigen testing for the wider population, Pillar 1 is antigen testing for those with a clinical need and health and care workers, Pillar 4 antigen tests are for national surveillance





#### NHS Digital's COVID-19 response - Enable research and clinical trials

- Facilitating the sharing and availability of data and analyses to support research, enabling evaluation of different response interventions and increasing understanding of COVID-19 transmission, immunity and clinical outcomes
- Accelerating COVID-19 Drug and Vaccine clinical trials

Initiatives	Focus area	Deliveries and impact	
Enabling Clinical Trials	Data Provision	<ul> <li>Supported the RECOVERY trial's investigation into the effectiveness of Regeneron's monoclonal antibody combination through regular provision of outcome data (incl. civil registration of deaths, COVID-19 test results, and COVID-19 hospitalisation). On 16 June, the trial reported that this treatment reduces the risk of death for hospitalised COVID-19 patients who have not mounted a natural antibody response*</li> <li>Signed a data sharing agreement on 09 July to provide Secondary Uses Services data** to the PROTECT-CH study, a UK-wide large platform trial, led by the University of Nottingham and funded by NIHR, to test and identify treatments that can protect care home residents from developing COVID-19</li> </ul>	
	Recruitment	<ul> <li>Continued to operate the NHS COVID-19 Vaccine Research Registry, in partnership with the NIHR, to facilitate recruitment into vaccine trials and accelerate the identification of safe and effective vaccine strategies. As of 02 June, over 500k people had registered interest in being contacted for recruitment into vaccine trials. The registry was used for recruitment to the Com-Cov study, which is investigating the effects of using different approved vaccines for first and second doses, and that reported on 28 June that robust immune responses are generated from mixed Oxford/AstraZeneca and Pfizer vaccines***</li> </ul>	
	HDR UK Team of the Year Award	<ul> <li>Recognised in HDR UK's Team of Year Awards: the NHS DigiTrials team was highly commended for facilitating rapid access to services and routine data for clinical trials, including many 'first of type' data, such as testing data, and contributing to the discovery of three successful treatments for COVID-19 and the development of three effective vaccines****</li> </ul>	
Enabling Research	Trusted Research Environment (TRE)	<ul> <li>Continued to provide Trusted Research Environments (TREs) to facilitate investigation into nationally prioritised COVID-19 research questions for the Office of National Statistics (ONS) and the British Heart Foundation (BHF). TREs provide rapid, secure access to de-identified, linked data along with tools for analysis and collaboration</li> <li>Provided TRE access on 06 July to DATA-CAN, a UK-wide partnership that aims to improve cancer outcomes and care, to enable investigation into the impact of COVID-19 on cancer outcomes and therapies</li> </ul>	* <u>!</u> re pa ***  ** O im **

NHS DigiTrials has been highly commended by HDR UK for its work supporting COVID-19 clinical trials



NHS DigiTrials has contributed to the discovery of three treatments and three effective vaccines for COVID-19



Regeneron's monoclonal antibody combination duces deaths for hospitalised COVID-19

Secondary Uses Service (SUS) - NHS Digital \* Com-Cov study has concluded that mixed xford and Pfizer vaccine schedules shows robust nmune response against COVID-19.

<sup>\*\*</sup>Annual Award Winners, 2021 - HDR UK



## **Thank You**



**y** @nhsdigital



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