

**Leeds COVID-19 Vaccination**

**Public Board**

**20 May 2021**

<b>Presented for:</b>	Information & Assurance
<b>Presented by:</b>	Dr Phil Wood, Chief Medical Officer, SRO West Yorkshire COVID Vaccination Programme
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<b>Previous Committees:</b>	NONE

<b>Trust Goals</b>	
The best for patient safety, quality and experience	✓
The best place to work	✓
A centre for excellence for research, education and innovation	✓
Seamless integrated care across organisational boundaries	✓
Financial sustainability	✓

<b>Key points</b>	
1. To provide information and assurance on the progress on the West Yorkshire COVID-19 vaccination programme with LTHT in the Lead Provider role	Assurance
2. To summarise the development of the COVID-19 vaccination service provided by LTHT	Assurance

## **1. Summary**

Leeds Teaching Hospitals NHS Trust (LTHT) is the lead provider for the West Yorkshire (WY) Integrated Care System (ICS) COVID-19 vaccination programme. The programme began the delivery of vaccinations from hospital hubs in December 2020 and then from Primary Care Network sites, community vaccination sites and community pharmacies during January and February 2021.

The Leeds COVID-19 Vaccination Centre (2nd phase) is now in place delivering a hospital hub site for staff vaccination from the Thackray Medical Museum and a community vaccination centre from the Elland Road.

By the end of April 2021 the centres have delivered over 150,000 vaccination doses. The Thackray site has delivered only the Pfizer vaccine and the Elland Road site had opened to use the Oxford / Astra Zeneca vaccine, but also began to administer the Moderna vaccine from 18 April 2021.

## **2. Background**

### **a. West Yorkshire COVID-19 Vaccination Programme Update**

The West Yorkshire Programme is led by Leeds Teaching Hospitals NHS Trust, on behalf of the West Yorkshire and Harrogate Health and Care Partnership. With coordination and support at WY level, it is delivered at place level by multi-agency teams (CCG, primary care, NHS trusts, local authorities and VCSE) led by a single Place SRO in our five local places (Bradford District and Craven; Calderdale, Kirklees, Leeds and Wakefield). The rollout of the vaccine in West Yorkshire has made significant progress. As of Sunday 2 May 2021, we had delivered 1,787,532 vaccinations, including 1.2m first doses and 0.6m second doses. Using almost 80 sites, including primary care network, community pharmacy and hospital vaccination sites as well as community vaccination centres, we had offered first vaccinations to all those in the first nine priority groups by the middle of April.

### **b. Leeds update**

The Leeds Vaccine Service was established at the Thackray Medical Museum in-line with the national response to the coronavirus pandemic, following approval of the Pfizer/BioNTech vaccine on 2 December 2020 and the more recent approval of the Oxford University / Astra Zeneca vaccine on 30 December 2020. To date the centre has delivered vaccinations to health and social care staff from across Leeds and to patients over the age of 80 at a dedicated clinic in the Bexley Wing.

The site has delivered only second dose vaccinations for the last two months to Health and Social Care staff and will close once these are completed on 8 May 2021.

A large COVID-19 vaccination site was commissioned at the Elland Road Pavilion in Leeds. This began operating as an additional hospital hub site on 20 January 2021 but then opened to members of the public as a community vaccination site on 8th February 2021. The delivery of the service at both the hospital hub and community site is through a team comprised of staff from all NHS providers in the city with

recruitment underway to establish a vaccination workforce allowing staff to be returned to employing organisations where possible. The service is co-ordinated by LTHT.

Local PCNs have also delivered significant vaccination capacity to their local populations. All PCNs participated in the programme to vaccinate the top 9 priority groups in Leeds.

It is anticipated that all adults will have been offered vaccination by the end of July 2021. Capacity is secure that will enable this to happen in Leeds as long as vaccine supply is sufficient. Capacity is being developed to improve access for some priority groups and for the delivery of second doses beyond July.

### 3. JCVI Prioritisation

Prioritisation for vaccination in all centres has run in-line with the Joint Committee on Vaccination and Immunisation (JCVI) guidance dated 30 December 2020. The initial JCVI priorities groups are outlined below:

Priority	JCVI groups
1	Residents in care homes for older adults and their carers
2	Aged 80 years and over and frontline health and social care workers
3	Aged 75 years and over
4	Aged 70 years and over and those who are extremely clinically vulnerable
5	Aged 65 years and over
6	Aged 16-64 years and over with underlying health conditions which put them at increased risk or serious disease and mortality
7	Aged 60 years and over
8	Aged 55 years and over
9	Aged 50 years and over

In recent weeks priority group 10 (aged 40-49) has been opened incrementally for bookings. Groups 11 and 12 (aged 30-39 and aged 18-29) are expected to be invited for vaccination by the end of July 2021.

### 4. Activity to date

#### a. West Yorkshire Update

Based on GP registrations, WY has achieved an uptake of 86.1% (981k first dose vaccinations for a population of 1,140k) across the first nine priority groups. Cohort 1-5 have achieved over 90% uptake, with Cohorts 7-9 achieving over 80%. Only Cohort 6, the at risk group and carers, has the lowest uptake at 77%. We continue to target the remaining people in these cohorts through a strong health inequalities approach (see below) and uptake continues to increase, albeit slowly. Second doses are continuing and will be complete by the end of Jun 21.

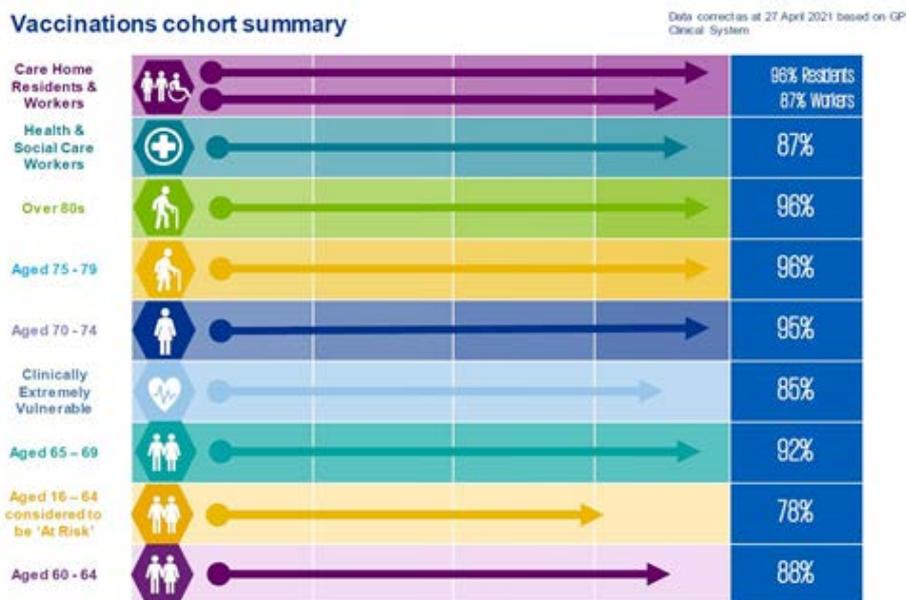
For phase 2 the number of PCN sites has reduced, but the capacity provided by these PCNs and the geographical coverage will be replaced by additional community pharmacy sites, and by increasing vaccine allocations to the vaccination centres. Our 12 hospital sites have also completed their vaccination programmes, with one converting to a vaccination centre and other trusts providing roving vaccination teams

to increase uptake. Our vaccination sites (with additional community pharmacy sites TBC) are now:

Place	PCNs	Community Pharmacy	Vaccination Centres	Weekly Capacity (doses)
Bradford & Craven	9	2	3	55,000
Calderdale	4	2	0	14,200
Kirklees	3	3	1	41,000
Leeds	9	3	2	62,200
Wakefield	5	2	1	41,800
<b>TOTAL</b>	<b>30</b>	<b>12</b>	<b>7</b>	<b>202,700</b>

**b. Leeds Update**

375,048 first doses of vaccine and 161,840 second doses have been administered to the Leeds population. Uptake against the JCVI cohorts is shown below:



**Vaccinations cohort summary – cont.**



**Thackray Hospital Hub** - 48,650 doses (opened 8th December 2020)  
**Elland Road** - 97,615 doses (opened 20th January 2020)

Activity through the Elland Road site has been determined by vaccine supply. Capacity exists to deliver c3,000 doses per day

**c. Staff Vaccination**

Staff vaccination has been delivered principally through the Hospital Hubs, but some staff were invited for vaccination to PCN sites when slots could not be filled by patients over the age of 80 years and some staff have chosen to be vaccinated at local community vaccination centres. Some staff were also vaccinated as part of a clinical trial.

The option to receive vaccination from multiple locations has made it impossible to confirm precisely the number of staff vaccinated across each employing organisation. LTHT internal data indicates that 77.5% of staff have received a first dose of vaccination with 63.3% fully vaccinated. We know this figure is an under-representation of the numbers vaccinated, but it is not presently possible to obtain precise numbers because it has not been possible to upload ESR data to national immunisation recording system to obtain a complete record without the consent of our staff to use their data in this way. However, staff will be asked to confirm if they object to such an exercise being undertaken. This data will therefore be available with more accuracy for future reporting.

This mixed model was effective at ensuring that capacity was maximised and frontline staff were offered the opportunity to be vaccinated as quickly as possible. However, it is not possible to state with certainty the percentage of staff from each provider who have been vaccinated as data is stored on different systems. It is recognised that it is necessary to re-emphasise the importance of being vaccinated to health and social care staff groups. Work is underway to deliver a ‘pop-up’ vaccination pod within LTHT to target unvaccinated staff in the workplace.

Staff across NHS providers, social care, independent sector providers, community pharmacy, community dentistry, ophthalmology, voluntary sector and sub-contractors in patient-facing roles have been invited for vaccination to the hospital hub sites in line with JCVI guidance.

The number of health and social care staff living in Leeds recorded on the National Immunisation Management System, as vaccinated are shown below. This shows that 87.4% of individuals recorded as health and social care staff in Leeds have been vaccinated (but does not provide a breakdown by employer).

	First Dose	Second Dose
GP recorded staff living in Leeds	21,237	18,082
Staff doses delivered at Thackray and Elland Road*	34,166	26,817
LTHT staff vaccinated at Thackray and Elland Road	14,319	12,338

\*Includes staff working for independent sector providers and some sub-contractors to healthcare providers who are not recorded as health and social care workers for national reporting purposes.

#### **d. Inpatient Vaccination**

Inpatient vaccination is now available for inpatients who have been unable to have their first dose of the vaccine, or need their second dose and happen to be an inpatient in hospital. The patients are assessed by their clinical teams to determine fitness to receive the vaccine and then it is prescribed in e-Meds.. The vaccine is then delivered by a small roving team of vaccinators who visit each of the LTHT sites each week.

This roving team will be used to deliver the 'pop-up' service to staff at LTHT and are happy to opportunistically vaccinate staff when visiting clinical areas.

#### **5. Future Vaccination sites**

Across Leeds PCNs have delivered the majority of vaccinations for priority groups 1-9. However, a number of PCNs do not have the capacity to continue to deliver vaccinations to those under 50 and are now only delivering second dose vaccinations.

Some capacity is now delivered through local pharmacies in locations where PCN capacity has been withdrawn. However, the vaccination team are developing proposals for a 'pop-up' model that can ensure that local provision remains available, particularly in areas of greater deprivation.

The Elland Road centre has a lease in place that runs until the end of July 2021. This may be extended, but planning is underway on options to ensure that there is sufficient capacity in place for the second doses that will be required after July 2021.

#### **6. Staffing/training**

City-wide recruitment has been undertaken for administrative, marshalling and vaccinator roles for the community vaccination service. These staff undergo training, which, in Leeds has been co-ordinated by the Leeds Health and Care Academy to ensure consistency of training provision. All training documents, including mandatory and vaccine specific training, are sent electronically to each individual when staff

register to work on the programme. Staff then undergo local induction and on-site training.

The vaccinator workforce can be unregistered (using the national protocol for prescription and administration of the vaccine), as long as they are supported by a core team of registered practitioners who supervise and undertake patient clinical assessments prior to vaccination. This model is in place at the Elland Road and Hospital Hub sites, using a large team of Band 3 vaccinators, while PCNs generally use a qualified practitioner to deliver vaccination using a patient group directive.

Staff on-boarding is now delivering significant staff numbers to the community vaccination service with contracts established to allow the workforce to be flexed up and down to meet demand while delivering our contractual obligations. We have agreed to extend the contracts of staff recruited on temporary contracts to the programme until 31st October 2021, including secondments for the clinical leadership team. This is to ensure that we have a workforce available to the point at which second dose administration is complete (phase 2).

Safety Huddles are performed at the commencement of each shift to ensure current updates and vaccine specific information is communicated and a daily production board meeting is held which includes members of the clinical and managerial teams. Monthly Clinical Governance meetings are also held for the vaccination centres, where all aspects of quality, safety and patient experience are monitored. The Programme reports into the Quality and Safety Assurance Group monthly in LTHT and also to the Quality Assurance Committee.

## **7. Finance**

To the end of March 21, in our role as Lead Provider and as a Vaccination Centre, we spent a total £4.6m. Broken down as follows:

- £983k on Lead Provider infrastructure costs
- £1,013k on running the hospital hub centre at the Thackray Museum
- £2,564k on running the population vaccination centre at Elland Road

The overall costs have increased in March compared to run rate. Some costs were committed on the basis of projected increased vaccine supply, but this didn't materialise. There have also been some increased security costs at the Elland Road site. The position also includes an increase in staffing to support the System Vaccination Operational Centre (SVOC), as well as the costs of training a pipeline of unregistered vaccinators.

As part of our reporting obligations we have made the required submissions to the regional and then national teams on behalf of the ICS around projected costs of the programme. The run rate of costs is expected to reduce due to reduced vaccine supply, but costs will likely continue past September.

## **8. Publication Under Freedom of Information Act**

This paper has been made available under the Freedom of Information Act 2000

**9. Recommendation**

The Board are asked to note the progress made with the vaccination service across Leeds and West Yorkshire to date.

**Tim Hiles**

**Director of Operations, Leeds Vaccination Programme**