



Covid19 Vaccination Programme Report

Week Ending 21st May 2021

NPHET

Version 2

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1. Executive Summary

- 2,310,674 vaccines administered to the 23rd May (excluding vaccines administered by GPs from the 14th May onwards estd to be 100,000-130,000).
- Over 1,695,000 people have now received the first dose of their vaccine and over 574,000 have received their second dose (as of 23rd May).
- We are continuing positive outcomes for those people vaccinated with reduction in mortality, outbreaks and disease prevalence amongst those vaccinated, with particular focus on the most vulnerable groups.
- Our highest daily number of vaccinations given was recorded on the 13th May at over 56,000; lack of GP data obscures true daily numbers since.
- Front Line Healthcare workers are substantially complete for dose one. We have introduced a new process for new staff and student placements. 267,907 dose 1 vaccines administered as of the 23rd May. Dose 2 is also well advanced.
- Over 813,000 vaccines have been administered by GPs to over 70s as of 23rd May, including over 461,000 first doses and over 352,000 second doses (excluding vaccines administered by GPs from the 14th May onwards). We have substantially completed all dose 1s for over 70s.
- Medically vulnerable - Very high risk to be substantially complete dose 1 in late May with only a small number of hospitals to conclude (Dose 1 275,000). Target for high risk people to be completed by early June (Dose 1 20,000). This excludes any vaccines administered by GPs from the 14th May onwards.
- A referral pathway has been developed for medically vulnerable people where their GPs are no longer participating in the vaccination programme. Implementation delayed due to cyberattack.
- The 60-69 age group vaccination continued through the Vaccination Centres with over 323,000 dose 1 completed as at 23rd May.
- The 50-59 age group commenced vaccination in early May through the Vaccination Centres with over 236,000 dose 1 completed as at 23rd May. Expectation is to broadly complete all those registered by the end of next week. People continue to register in this age group which is a positive step.
- The 45-49 age group commenced registration on the on-line system on the 19th May; over 70,000 registered for that age group on that date alone.
- Another re-planning exercise is concluding based on recent NIAC advice. This included new advice on the use of AZ and Janssen and a pregnancy pathway. This has a significant impact on the future use of AZ and Janssen. This is also incorporating the future use of GP's and Pharmacies.
- In line with NIAC guidance, a pregnancy vaccination pathway commenced last week with those 34 weeks + being prioritised initially.
- Uptake remains strong overall for the vaccination programme for those age groups receiving dose one with 98% for 85+, 97% for ages 70-85 and 88% for 60-69.

2. Cumulative vaccines administered to 23rd May

2,310,674,* vaccines cumulatively administered to 23rd May (1,695,905 dose 1, 39,966 single dose & 574,803 dose 2). These figures exclude GP numbers from 14th May onwards.

Cohort	Total	Dose 1	Dose 2	Single dose	Comment:
Cohort 1 (65+ LTRCF)	198,105	111,079	85,390	1,636	substantially completed; balance is staff vaccinated with AZ
Cohort 2 (FHCW)	378,800	267,907	110,856	37	Dose 1 substantially completed
Cohort 3 (70 years and older)**	813,764	461,491	352,271	2	Dose 1 substantially completed and expect Dose 2 to complete the week of 24 th May. Excludes data from 14 th May onwards
Cohort 4 (people aged 16-69 with very high risk)**	299,276	274,113	25,137	26	Dose 1 substantially completed this week.(Excluding 2 hospitals)
Cohort 5 (all remaining people aged 60+)	325,225	323,977	262	986	Majority of initial registrations vaccinated with people continuing to register.
Cohort 7 (people aged 16-59 with high risk)**	20,611	19,852	746	13	Commenced through HG & GPs and some coded to Cohort 4. Expect to complete dose 1 mid/end June
Cohort 9 (people aged 50 - 59 & those who are socially vulnerable)	274,204	236,868	75	37,261	Commenced week of 3 rd May. Expect to broadly complete those registered next week
TOTAL:	2,310,674*	1,695,905*	574,803*	39,966	-

Table 1 shows cumulative vaccines administered up to 23rd May

*Includes non-coded - 689 (618 Dose 1s, 66 Dose 2s and 5 Singles doses)** Excludes GP data from 14th May onwards

3. Performance - week beginning 10th May

249,982* doses administered on the system, our highest week for the programme to date. These figures exclude GP administrations from Friday the 14th May onwards. We expect GP administrations of vaccines from the 14th May to Sunday 16th May was in the range of 30,000 - 40,000, bringing the overall estimate for the week to 280,000 to 290,000. Highest weekly vaccinations to date.

Cohort	Actual
Cohort 1 (LTRCF)	1,555
Cohort 2 (FHCW)	7,483
Cohort 3 (70 years and older)	43,104
Cohort 4 (people aged 16-69 with very high risk)	19,430
Cohort 5 (all remaining people aged 60+)	60,550
Cohort 7 (people aged 16-59 with high risk)	15,237
Cohort 9 (people aged 50 - 59 & those who are socially vulnerable)	102,552
TOTAL excluding GP:	249,982*
GP Estimate (3,4 & 7) from 14th to 16th May	30,000 - 40,000
Overall Estimate (including GP Estimate)	280,000-290,000

Table 2 shows vaccines administered week 10th - 16th May split per cohort

*includes non-coded of 71.

4. Week of 17th and 24th May plan

Plan to deliver 260,000 to 280,000 vaccines to the system in the week commencing 17th May. We expect to have administered over 300,000 on the week of the 17th May. This is a estimate as due to the IT issues we are unable to capture the GP vaccinations from 14th May onwards.

Plan to deliver 260,000 to 280,000 vaccines to the system in the week commencing 24th May.

5. General Practice

- An estimated ca. 1.1m vaccines have been administered by GPs as at 23rd May; exact data is missing for the period of 14th -23rd May. Expected to have administered ca. 171k for Cohorts 4 & 7 by last weekend.
- We expect to have completed over 1.29m vaccinations by the end of next week's cycle.

- A dedicated GP support team is fully operational supporting distribution and allocation, linking with GPs and their practice staff to quickly resolve issues as they arise.
- The HSE has agreed a process with the IMO for those GPs who wish to remain with the programme beyond the vaccination of the medically vulnerable.
- A GP referral pathway has been designed for GPs who are not continuing in the vaccination programme, this will allow them to refer medically vulnerable patients for vaccination, as required for dose 1 and/or dose 2. This was ready to go live the week of 10th of May but has been delayed due to the cyber attack.

Last Week (17th May)

- Continued momentum with administration of ca.100k to ca. 610 practices catering for 1,200 GPs. This comprises more than 73k doses for the over 70s delivered to ca. 480 practices and ca. 37k dose 1s for Cohorts 4 and 7 across ca. 450 practices.
- The focus last week was to continue dose 2 vaccination of the 70-74 age cohort and to continue with dose 1 vaccination of Cohort 4 and Cohort 7.
- The vaccination hub in Cork was in operation last weekend with about 2,000 patients in Cohort 4 receiving dose 2.

This Week (24th May)

- Targeted administration of over 115k doses to ca. 620 practices overall catering for 1,200 GPs. This is comprised of:
 - Ca. 25K dose 2s for the over 70s to be delivered to ca. 570 practices.
 - Ca. 50K dose 1s for Cohort 7 and 39k dose 2s for Cohort 4 to be delivered to ca. 340 practices.
 - The focus this week will be to continue dose 2 vaccination of the 70-74 age cohort, and to continue with dose 1 vaccination of Cohort 7 and starting dose 2 for Cohort 4.

6. Vaccination Centres

- 37 Vaccination Centre sites operating nationally.
- Drogheda opened late last week and will operate as an additional centre as required. Plan is to open UCD week commencing 31st May.
- As of 19th May, over 500,000 people who registered on the Public Portal had been vaccinated in VCs.
- Average daily vaccination centre appointments moved up to over 30,000 last week.
- Ca. 1,300 vaccinators were in place as of Friday 21st May.
- There has been a successful national and local recruitment campaign with over 2,400 vaccinators currently being deployed or ready to start from the national recruitment campaign. There are a further 2,200 vaccinators in the recruitment process. A new Statutory Instrument (SI) has been approved which will allow

a variety of clinical students to be employed as vaccinators. This will further strengthen the workforce capability.

- Due to vaccine supply issues a small number of centres will not be open every day for the week commencing 24th of May.

7. Pharmacies

- Following the recent NIAC guidance further work has been done with the IPU and PSI around mobilising the Pharmacy operating model. The original plan to deploy AZ and Janssen into pharmacies as the primary vaccination model for pharmacy is not now possible following recent NIAC advice.
- Expressions of Interest (EOI) have been requested from pharmacies wishing to participate in the vaccine programme and continue with mRNA vaccine post use of Janssen. Once these are received the HSE will work with the IPU to agree next steps and mobilise the pharmacy workforce.

8. Other Key Topics

Frontline Health Care Workers

- As of 23rd May 267,907 FHCWs had received dose one and 102,358 of these have received dose 2, and are fully vaccinated.
- In the week of May 10th, a total of 7,407 vaccines were distributed for the vaccination of FHCWs, inclusive of first and second doses.
- In the week of May 17th, the programme continued its plans for the distribution of approximately 4,000 vaccines for the vaccination of FHCWs. This is inclusive of the pathway now in place for the vaccination of new entrants to health services. Note this has been impacted by the current IT issues.
- In line with NIAC guidance the plan this week includes the commencement of Dose 2 AZ for HCW at 12 weeks based on available supply.

House Bound Over 70 Vaccinations

- The National Ambulance service has been operating a 7 day service to work through the high demand for this service. Referrals continue to be received for this service.
- The programme of vaccination for people over 70 years who are housebound is ongoing. In summary;
 - Ca. 3,900 referrals received from GPs
 - Ca. 2,500 dose 1 vaccinations have been administered.
 - Ca. 1,300 dose 2 vaccinations have been administered.

- Ca. 300 people pending a first dose vaccination at home (includes a large number of referrals c200 who NAS have been unable to contact. Attempting to contact through AGS, local GPs, parish priests etc).
- Ca. 1,030 referred do not require NAS to vaccinate (605 already vaccinated, 200 deceased, 129 refused vaccines and remainder of 96 in hospital).
- NAS have received additional resources to support the administration of this complex vaccination pathway. HSElive is providing support by engaging with key stakeholders in the programme including patients and families.

Medically Vulnerable

- Comprises very high risk and high risk patients.
- Being delivered through hospitals, community vaccination teams, vaccination centres and GPs.
- Majority of very high risk patients completed with over 271,000 dose 1 vaccines administered to very high risk patients to date. A few hospitals will still be working through May, including some private hospitals.
- High risk patients commenced in May and will be delivered primarily through GPs. We estimate now that there will be c250,000 people. Cohort 7 (estimated population 200k – 220k through GPs and ca. 30k through CHO/HG).
- Clinicians are not necessarily differentiating between very high risk and high risk in coding and are recording patients as medically vulnerable. Clear guidance issued and we are satisfied this is being followed.
- High risk patients have begun, with over 18,000 administered to 14th May and we expect them to have dose 1 substantially completed in mid June. Note this excludes GP vaccinations data from 14th May onwards due to the cyberattack.

Vaccination of Socially Vulnerable Groups

- The programme of vaccination for Socially Vulnerable Groups (18-69 years) commenced on Wednesday May 5th in the Dublin area with the vaccination of homeless people.
- Over 1,200 doses of the single dose Janssen vaccine have been administered to people accessing homeless services. Plans are in place to complete vaccinations of this group in Dublin City Centre by the end of May. This programme will expand to further Community Healthcare Organisations from the week beginning 24th May.
- The estimated population for Roma community is ca. 4,000. Discussions have been held with advocacy groups for the Roma community and significant uptake issues have been identified.
- The estimated population for the traveller community is ca. 18,000. Discussions have been held with advocacy bodies with a clear preference for people to be vaccinated through mainstream channels where possible. In addition any members of the traveller community who were medically vulnerable are being vaccinated through either GP's or Vaccination Centres.
- A vaccination pathway offering people in the Traveller and Roma communities access to the single dose Janssen vaccine expected to commence in CHO4 on Friday 20th May. Engagement within the CHOs indicate

that there is high levels of vaccine hesitancy within this group. Members of these communities can also register via the portal for vaccination in line with age Cohort.

- We are actively engaging with the hard to reach communities to support as high an uptake in the vaccine programme as possible and will adapt our approach as required to support this objective.

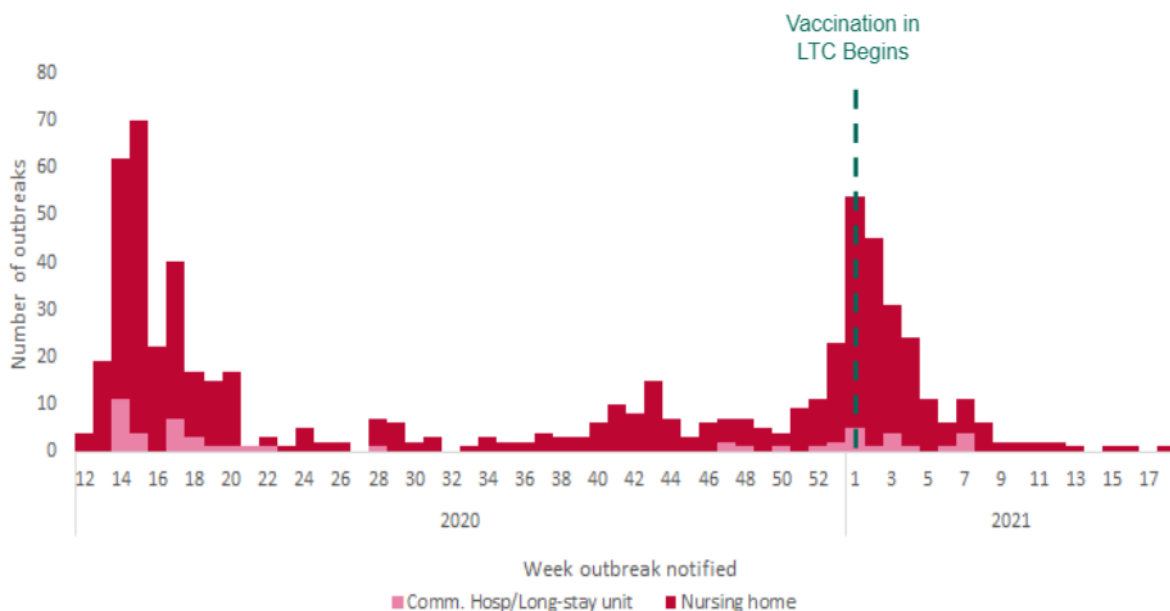
9. Pregnancy Pathway Update

The pregnancy pathway has been put in place in the 19 maternity units and vaccinations commenced last week.

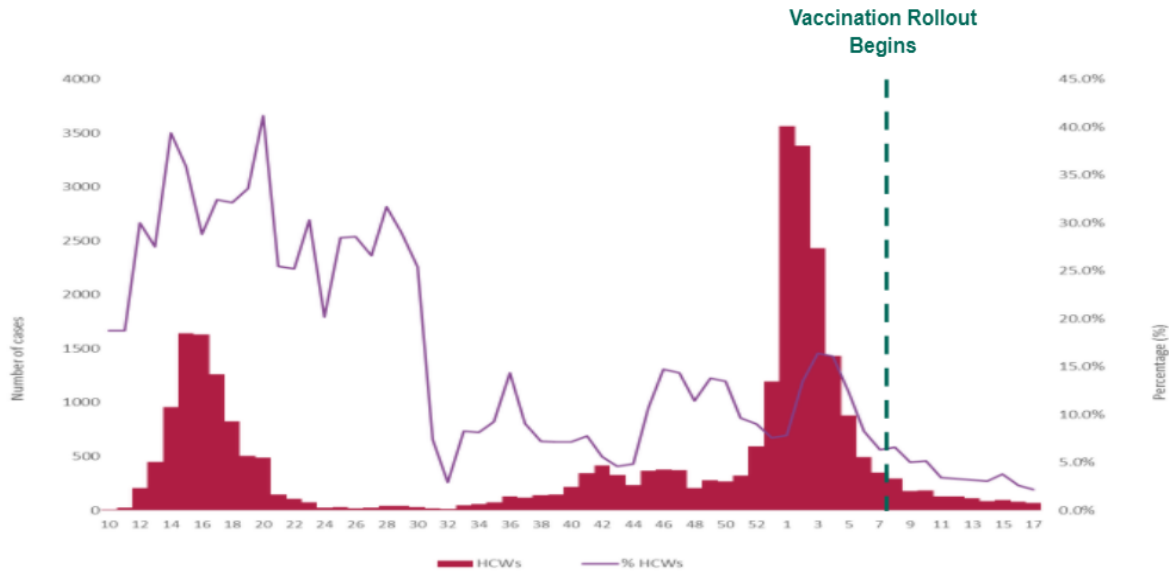
10. Impact of the Vaccination Programme

The HSE monitors up to 2,000 Long Term Residential Facilities. Older Persons facilities represent over 570 centres (including Private Nursing Homes) and the remainder are largely in Disability and Mental Health services.

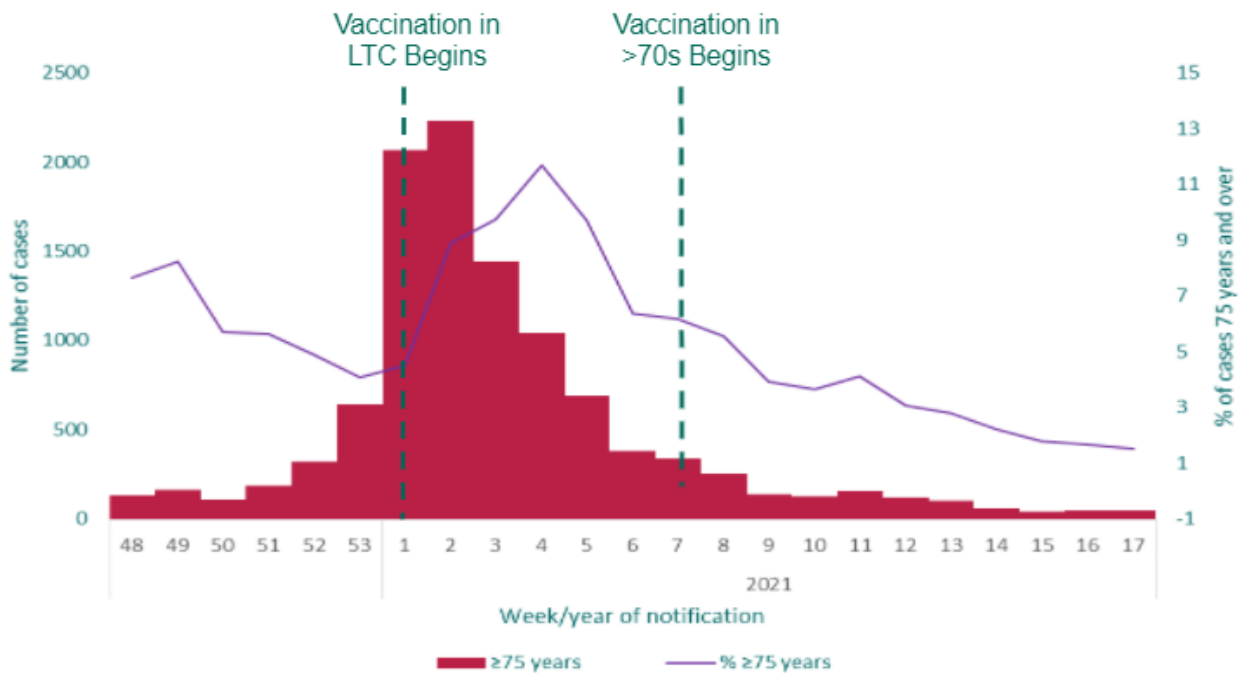
Since the commencement of the roll-out of the vaccination programme, there has been dramatic reduction in the number of outbreaks in these facilities. The outbreak in nursing homes and community hospitals/long stay units from the beginning of the pandemic to midnight 12th May 2021 are outlined below:



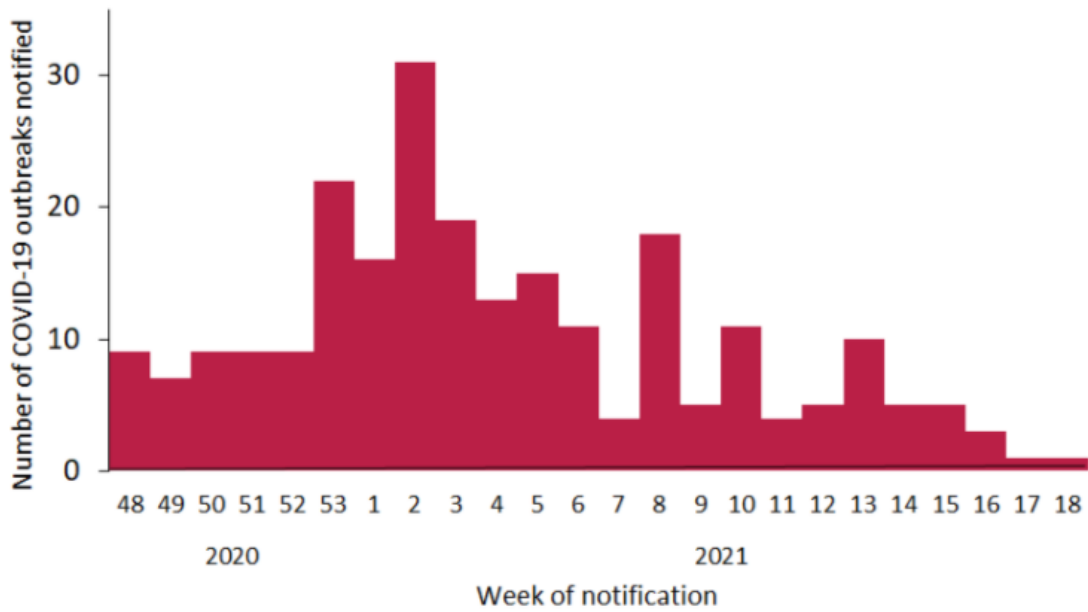
Similarly, the level of disease in health care workers has declined significantly over the last number of months. The number of cases in healthcare workers from the beginning of the pandemic to midnight 12th May 2021 are outlined below:



The number of cases in those aged 75 years and older since the beginning of the Vaccination Programme has been steadily decreasing. In the last 4 weeks there have been 212 cases among those aged 75 years or over, compared to 6793 in the first 4 weeks of Jan, and 1677 in Feb. Last week only 1.5% of total cases were in those aged 75 years and over.



Outbreaks in acute hospitals by week/year of notification between week 48, 2020 and week 18, 2021 are shown below:



The below illustrates the number of deaths in confirmed cases of COVID-19 among those ≥ 65 years, by age group and week/year of notification between week 48, 2020 and week 17, 2021:

