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1. Executive Summary

- 1,880,625 vaccines administered to the 10th May.
- Over 1,375,000 people have now received the first dose of their vaccine (as of 10th May).
- Week of 26th April delivered the highest level administered in a week to date at over 201,000.
- Our highest daily number of vaccinations given was recorded last week at over 45,000.
- Front Line Healthcare workers are substantially complete for dose one. We have implemented a pathway for new healthcare workers requiring vaccination. 260,146 dose 1 vaccines administered to the 10th May.
- Over 771,000 vaccines have been administered by GPs to over 70s as of 10th May. This includes over 459,000 first doses. This includes over 311,000 second doses administered to over 70s. We have substantially completed all dose 1s for over 70s. A pathway has been put in place for anyone emerging who does not have a GP.
- GPs and Hospitals will continue to administer to very high risk people with the current plan for this cohort to be substantially complete Dose 1 in mid to late May. The majority of hospitals have completed their vaccinations in this cohort.
- GPs have commenced administering to high risk people and this will continue to ramp over the coming weeks. GP’s are the primary vaccination channel for the high risk cohort.
- For the 60-69 age group there are 269,923 people vaccinated as at 10th May.
- The online registration system opened for people aged 50 - 59 years on Tuesday 4th May. The total registered to date across all age cohorts is 369,148.
- We have completed the update to the operation plan following NIAC’s recommendations. The plan is based on adherence to Government’s age-based sequencing policy - maximising pace of the safe and effective vaccination of the population; maximising usage of all available vaccines in Q2; avoiding using only a small portion of available Janssen and minimising operational complexity.
2. Cumulative vaccines administered to 10th May

1,880,625* vaccines cumulatively administered to 5th May (1,375,181 dose 1, 505,278 dose 2 & 166 single dose).

<table>
<thead>
<tr>
<th>Cohort</th>
<th>Total</th>
<th>Dose 1</th>
<th>Dose 2</th>
<th>Comment:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cohort 1 (65+ LTRCF)</td>
<td>195,985</td>
<td>110,942</td>
<td>84,881</td>
<td>substantially completed; balance is staff vaccinated with AZ</td>
</tr>
<tr>
<td>Cohort 2 (FHCW)</td>
<td>358,184</td>
<td>260,146</td>
<td>98,037</td>
<td>Dose 1 substantially completed</td>
</tr>
<tr>
<td>Cohort 3 (70 years and older)</td>
<td>771,143</td>
<td>459,345</td>
<td>311,798</td>
<td>Dose 1 substantially completed</td>
</tr>
<tr>
<td>Cohort 4 (people aged 16-69 with very high risk)</td>
<td>272,078</td>
<td>261,656</td>
<td>10,421</td>
<td>Dose 1 substantially completed</td>
</tr>
<tr>
<td>Cohort 5 (60-69)</td>
<td>269,923</td>
<td>269,835</td>
<td>86</td>
<td>commenced week of 17th April</td>
</tr>
<tr>
<td>Cohort 7 (people aged 16-59 with high risk)</td>
<td>2,804</td>
<td>2,801</td>
<td>3</td>
<td>Also vaccinated in parallel with C4 clinics</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>1,880,625*</td>
<td>1,375,181*</td>
<td>505,278*</td>
<td></td>
</tr>
</tbody>
</table>

*Includes single dose - 166 & non-coded - 10,508

3. Performance - week beginning 3rd May

234,514* doses administered on the system, our highest week for the programme to date. This is split by Cohort as follows:

<table>
<thead>
<tr>
<th>Cohort</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cohort 1 (LTRCF)</td>
<td>1,710</td>
</tr>
<tr>
<td>Cohort 2 (FHCW)</td>
<td>5,511</td>
</tr>
<tr>
<td>Cohort 3 (70 years and older)</td>
<td>48,222</td>
</tr>
<tr>
<td>Cohort 4 (people aged 16-69 with very high risk)</td>
<td>55,813</td>
</tr>
<tr>
<td>Cohort 5 (all remaining people aged 60+)</td>
<td>119,157</td>
</tr>
<tr>
<td>Cohort 7 (people aged 16-59 with high risk)</td>
<td>1,448</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>234,514*</td>
</tr>
</tbody>
</table>

*Includes non-coded of 2,653
4. Performance - week beginning 10th May

As of Monday 10th May we are on track to deliver vaccinations as planned:

<table>
<thead>
<tr>
<th>Target</th>
<th>Actual</th>
<th>% achieved</th>
</tr>
</thead>
<tbody>
<tr>
<td>250,000 - 270,000</td>
<td>31,878</td>
<td>~13%</td>
</tr>
</tbody>
</table>

5. General Practice

- Last week (3rd May) saw continued momentum with administration of over 100K doses to c. 600 practices overall catering for 1,200 GPs. This is comprised of:
  - Over 44K doses for over 70s across c. 470 practices.
  - 56K dose 1s across c. 600 practices for Cohort 4 incl some Cohort 7.

- The focus this week is on continuing dose 2 vaccination of the 70-74 age cohort, completing dose 2 vaccination of the 75-79 age cohort and continuing with the vaccination of Cohort 4 and Cohort 7.

- The Helix will be in operation on May 15 with c. 2,200 first doses (indicative) expected to be administered to cohort 4 and cohort 7.

6. Vaccination Centres

- 35 centres are opened as of 10th May to provide vaccination clinics. This includes 4 additional centres in Bantry, Mallow, Greystones and Punchestown.

- The remaining 2 are expected to open this week (10th May).

- We are continuing to finalise an option for a replacement centre in Wicklow/Wexford for Arklow.

- We are supporting sites to implement new vaccination pathways including the use of new technologies and practices. The operational approach builds on expertise and learning from other vaccination pathways and large scale Community Testing sites.

- HSE Vaccination Centres continue to on-board new vaccinators and other key staff to support the expansion of this vaccination pathway.

7. Pharmacies

- Operating Model - Work on the pharmacy operating model (for AZ and J&J) is complete with feedback from representatives in the PSI and IPU.
● ICT- HSE PharmaVax solution has been built and tested with a small number of pharmacies. Final refinements based on feedback from pharmacists during testing are being made to the system to ensure that it is fit for purpose.

● Expressions of interest have been received from pharmacies wishing to participate in the vaccine programme. The Expression of Interests returns have provided HSE with key information such as estimated vaccination numbers per week, sufficient space to comply with spacing requirements and how pharmacies propose to continue day to day operations etc. 800 pharmacists have indicated their willingness to participate – this was based on AZ and Janssen.

● Degree of utilisation of the pharmacy sector is contingent on the current NIAC deliberations on the use of Janssen.

8. IT Update

The online registration system was opened for 50 to 59 years on 4th May, starting with 59 years. Projects currently on-going include automatic loading of GP results, on-line consent and enhanced dashboard capability.

9. Other Key Topics

Frontline Health Care Workers

● The AZ Dose 2 part of the programme commenced 3rd May.

● A new process has been launched to register new FLHCWs (1,700 doses planned to be delivered next week as part of this process). This is an on-going requirement due to staff turnover across all sectors and other factors such as student placements.

● Additional vaccination clinics will be arranged to complete the first dose vaccinations for this group

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. Capacity was doubled to reduce the waiting time for the service.

● There have been a total of 2,045 dose 1 vaccinations administered as of the 2nd May.

● There have been a total of 739 dose 2 vaccinations administered as of the 2nd May.

● We continue to receive new referrals for this service and there are c500 people now being scheduled.

Medically Vulnerable
● 266,000 (as at May 15th) very high risk patients completed to date.

● Very High Risk Patients are being primarily vaccinated in hospitals. As a result hospital clinics are also vaccinating high risk patients in parallel. Majority of hospitals have completed their vaccination programme for this cohort. In addition those requiring vaccination in community services and GP’s are concluding.

● If people are unsure if they are a very high risk or high risk patient then they should (1) check the HSE website to confirm eligibility and (2) they do not need to contact their Hospital or GP as they will be contacted by their treating clinician.

● High risk vaccination has also commenced in general practice in the first week of May.

Vaccination of Socially Vulnerable Groups

● This group comprises particular people who are homeless, or members of the Traveller and Roma communities who are being prioritised for vaccination in line with Government sequencing guidelines.

● This programme of vaccination commenced Wed 5th May in the Dublin area, working with HSE and partner services in CHO 7 and CHO 9. NIAC have identified that certain socially vulnerable groups in society are at greater risk from Covid 19.

● It has been agreed to use Covid-19 Janssen® Vaccine for these groups (aged 18-69 years). In recognition of the difficulties faced by certain groups in society, the supply of single dose Janssen has been identified as being particularly beneficial to the effort to protect this population during the pandemic. People can choose to participate in the programme for the age based rollout should they so wish.

● The aim of the programme is to provide a bespoke vaccination pathway ensuring accessibility, suitability, optimal engagement and participation for the administration of the Covid-19 vaccines to the target population.

● Vaccinations will continue to scale up over the coming weeks. The vaccination pathway for people in the Traveller and Roma communities is currently in development, and work is ongoing to identify the number of people who may require access to bespoke vaccination clinics.

● It is noteworthy that services are reporting high levels of vaccine hesitancy amongst the Roma population in Dublin, and work is on going to inform and educate harder to reach populations about the benefits of vaccination.

10. Impact of 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 4th 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 4th 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 17, 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: