



COVID-19 Vaccination Uptake in Ireland

Weekly Report

Winter Campaign 2024

Week ending Sunday 22nd September 2024

Latest Summary Statistics Absolute Numbers of COVID-19 Winter 2024 Campaign Doses and Percentage Uptake of the Census 2022 Population and other denominator estimates between 16/09/2024 and 22/09/2024 inclusive

Age Group	No. Booster Doses	Census 2022 Population/Other estimates	No. Booster doses as % Uptake Census 2022 Population/Other estimates
60-69yrs	1962	510814	0.4
70-79yrs	3285	357144	0.9
80+yrs	2203	181027	1.2
Immunocompromised 6months+	1072	63000	1.7

Winter 2024 COVID-19 Campaign Target Groups



- The COVID-19 Winter 2024 vaccination campaign will officially start on 01/10/2024. However, because the National Cold Chain commenced deliveries of COVID-19 vaccines to GPs, Pharmacies and HSE from 16/09/2024, it has meant some GP clinics and pharmacies begun vaccine administration from this date. For the purposes of reporting henceforth, all figures from the week commencing 30/09/2024 will include those administered doses between 16/09/2024 and 30/09/2024 inclusive.
- The administration of vaccine doses follows the guidelines set down by the National Immunisation Advisory Committee (NIAC), which are available here at https://rcpi.access.preservica.com/uncategorized/IO_e96fc7c5-1777-45d3-898e-5550336168aa/
- The primary target groups of the Winter COVID-19 2024 vaccine campaign include those aged:
 - 60 years and older;
 - 6 months-59 years:
 - with immunocompromised conditions associated with a suboptimal response to vaccination
 - with medical conditions associated with a higher risk of COVID-19 hospitalisation, severe disease or death
 - 18-59 years living in long term care facilities for older adults;
 - Health and care workers;
 - Pregnant women:
 - For pregnant women, a single primary vaccination dose is recommended. A booster dose is recommended all year and is not seasonal and can be given if it is more than six months since their previous dose or infection at any stage in pregnancy. The booster is ideally given between 20-34 weeks' gestation. If it is more than 12 months since their previous COVID-19 vaccine or infection administration earlier in pregnancy should be considered.

Methodology



- *Data were provided by OCIO based on data in the data lake PROD environment (includes COVAX registered vaccinations and GP administered vaccinations).*
- *DENOMINATOR USE: In this report, uptake is calculated based on Census 2022 population. See <https://www.cso.ie/en/releasesandpublications/ep/p-cpsr/censusofpopulation2022-summaryresults/populationchanges/>*

Summary Findings I

Between 16/09/2024 and 22/09/2024

- 8,707 COVID-19 booster doses in total were reported;
- Booster dose uptake among
 - 60-69 year olds was 0.4%
 - 70-79 year-olds was 0.9%
 - 80+ year olds, it was 1.2%
 - 60+ years olds was 0.7%
- Among eligible persons aged 6 months to 59 years booster dose uptake for
 - 6 months to 4 years was 0.0%
 - 5-11 years was 0.0%
 - 12-59 years was 0.04%
- Of the booster doses administered
 - 81.2% were in GP clinics
 - 0.0% in HSE clinics
 - 18.7% in pharmacies
- 98.7 % of all booster doses were Pfizer BioNTech – Comirnaty
- Uptake was highest at
 - 0.80% among 60–69-year-olds in Co. Limerick
 - 1.84% among 70-79 years olds in Co. Limerick
 - 2.75% among 80+ years olds in Co. Limerick
 - 0.90% among 60+ year olds in Co. Limerick

Summary Findings II

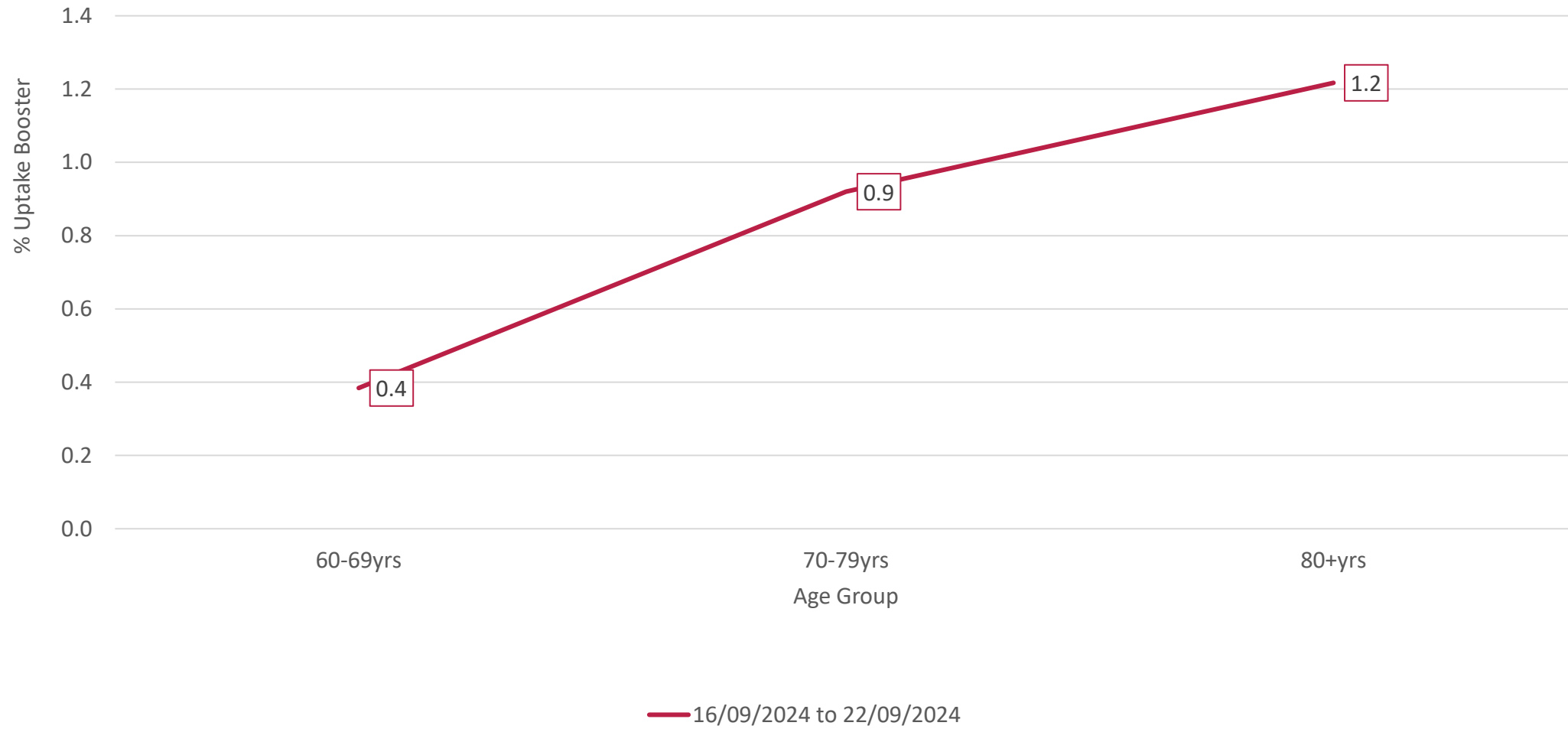
Between 16/09/2024 and 22/09/2024

- Uptake among the immunocompromised was highest in
 - Co. Dublin at 29.9%
 - Co. Cork at 27.9%
 - estimated uptake nationally was 1.7% among an estimated immunocompromised population of 63,000
- 18 booster doses administered to pregnant women
 - estimated uptake nationally was 0.08% among an estimated target pregnant population of 22,790
- 17 booster doses administered to HCWs
 - estimated uptake nationally was 0.007% among an estimated HCW population of 250,000
- No booster doses have yet been administered to LTCF residents

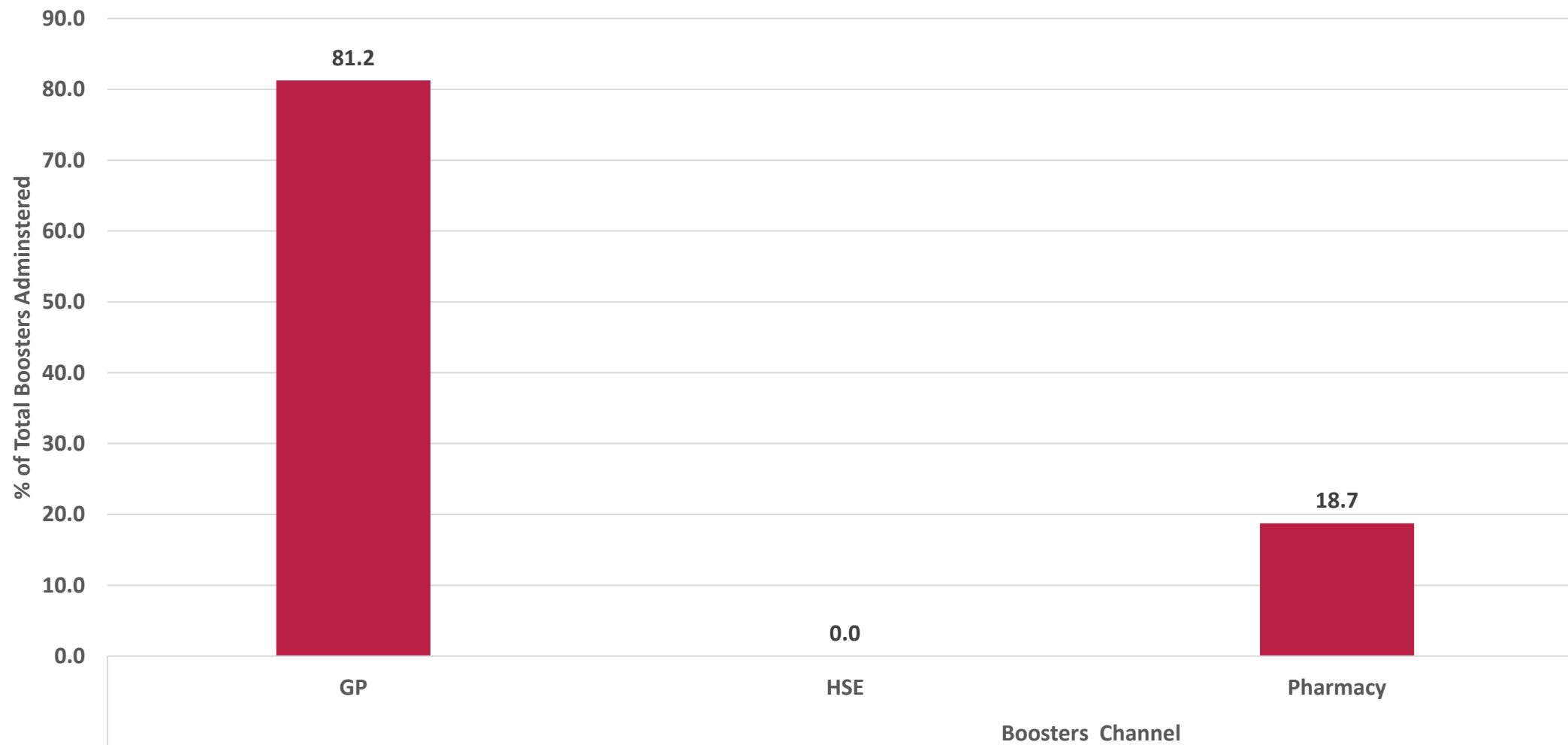
COVID-19 Booster Doses by Age Group between 16/09/2024 and 22/09/2024 inclusive

Age Group	No. Boosters	Census 2022 Population/Other denominator estimates	No. Booster doses % Uptake Population Census 2022/Other denominator estimates
All Ages	8707	5149139	0.17
6months+	8707	5120241	0.17
6months-49yrs	646	3424088	0.02
5+yrs	8707	4853724	0.18
12+yrs	8707	4361794	0.20
12-17yrs	7	431222	0.00
18+yrs	8700	3930572	0.22
50+yrs	8061	1696153	0.48
60+yrs	7450	1048985	0.71
50-69yrs	2573	1157982	0.22
65+yrs	6672	776315	0.86
70+yrs	5488	538171	1.02
12-69yrs	3219	3823623	0.08
6months-4yrs	0	266517	0.00
5-11yrs	0	491930	0.00
12-59yrs	1257	3312809	0.04
60-69yrs	1962	510814	0.38
70-79yrs	3285	357144	0.92
80+yrs	2203	181027	1.22
Immunocompromised 6months+	1072	63000	1.70
HCWs	17	250000	0.01
Pregnant women	18	22790	0.08
LTCF residents	0	25000	0.00

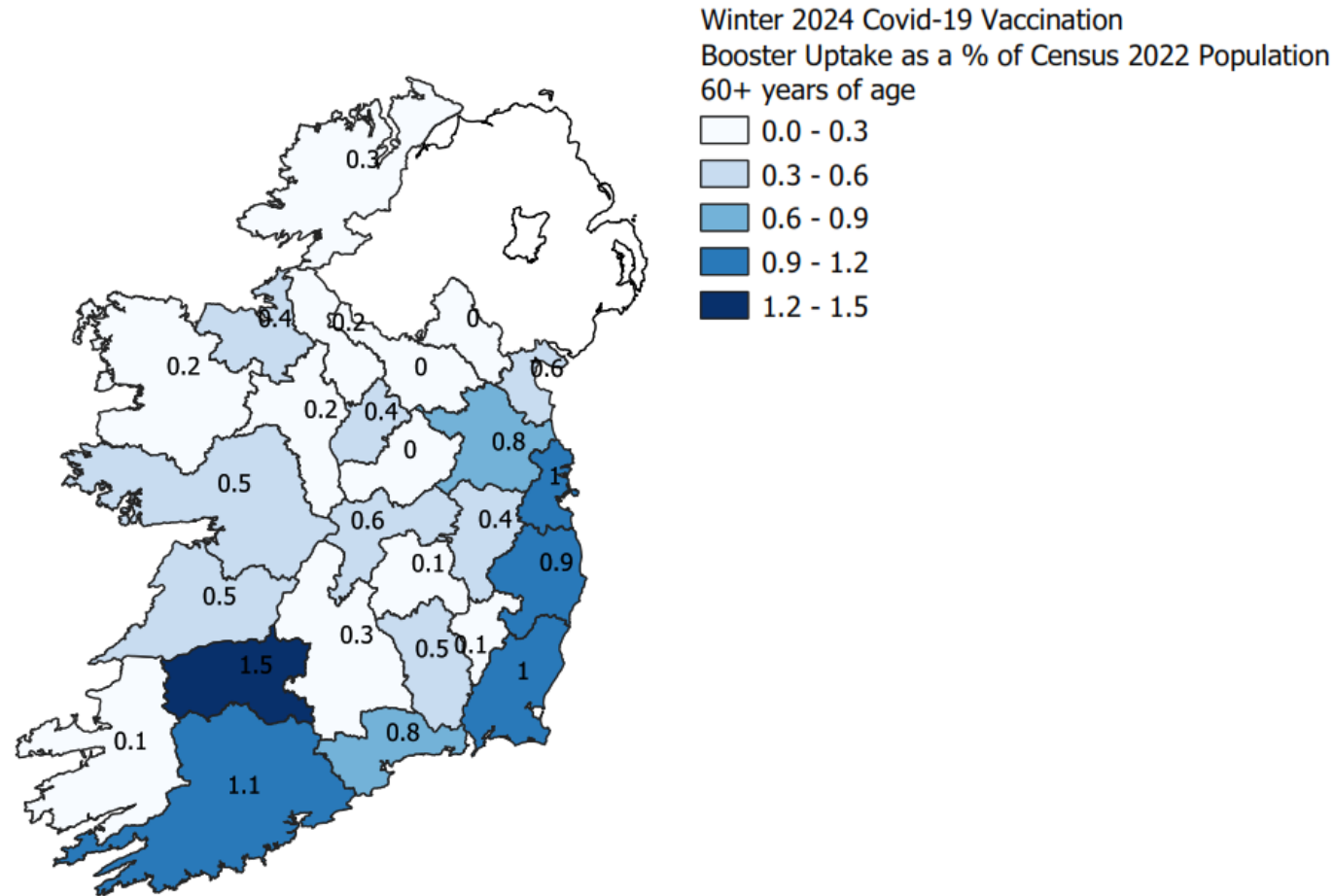
Percentage of Winter 2024 Booster Completed Courses by Age Group and Week administered between 16/09/2024 and 22/09/2024 inclusive



Percentage of Winter 2024 Booster Completed Courses by Distribution Channel administered between 16/09/2024 and 22/09/2024 inclusive



Uptake of Winter 2024 Booster Courses Completed by county as a percentage of the Census 2022 population among 60+ year olds between 16/09/2024 and 23/09/2024 inclusive



Acknowledgements

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- National Immunisation Office (NIO)
- Office of the Chief Information Officer (OCIO)
- HSE Integrated Information Services (IIS) and COVAX Implementation team of Salesforce, IBM, PWC, EY
- HSE procurement/acute hospitals/CHOs/vaccinating teams and administrators/IT staff
- HSE Health Intelligence, Strategic Planning & Transformation Unit
- NHSS for Fair Deal Resident Data
- HR-Sap for HSE HCW Data



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Caveats I



- Uptake data reported refers to the period up to midnight of the last day of the latest epidemiological week Monday to Sunday.
- Where county and/or age group calculation of estimated uptake exceeds 100% due to data capture issues within Coax or where the numerator exceeds the population estimate/denominator then the uptake will be rounded down to **99.9% (unless otherwise indicated in the report)**.
- Total reported doses in this report now includes all vaccination doses on the IIS/COVAX data system, including those received abroad by Irish residents.
- Reported figures excludes vaccination records where the death of the individual has been recorded.
- While data is presented in terms of total number of people receiving boosters as a proportion of total population, it should be noted that not all people within these populations will be eligible for vaccination at a given time for example if they have recently had COVID-19 infection.
- It was not possible to accurately summarise the number of individuals aged between 6 months and 4 years, between 5 and 11 years and between 12 and 59 years with underlying medical conditions because those details in the IIS/COVAX extract are combined in a complex way with target groupings.

Caveats II



- The data in this report are based on the vaccination records stored on the COVAX system. The vaccination status and other variables on the person's account and vaccination record such as risk factors and cohorted groupings are as recorded on this system. For values recorded on the person's account, these may not be updated at each vaccination event depending on them being provided by the vaccine recipient and recorded at the time of vaccination.
- Furthermore, for vaccinations given at GP practices and pharmacies, these other variables are not necessarily mandatory at the source of record (GP Practice or Pharmacy System) and so may not update changes on the person account in COVAX. As a result, in some cases, the data may reflect a historic value (such as risk factor or cohort).
- In addition, a person may have more than one risk factor for a given vaccination event, but all relevant risk factors may not be recorded.
- Also, cohorting (such as healthcare worker) is dependent on this information being supplied by the vaccine recipient at the time of vaccination and this being recorded on the system of record. Therefore, this data presented in this report is based on the vaccination status of individuals registered on the COVAX system based on their last dose received.
- This means that the risk factor profile of those same individuals may not reflect their actual status at that same time for the reasons explained above.
- The data presented in this slide set focusses exclusively on all booster doses administered during the Winter 2024 campaign as the number of individuals who have completed their primary course treatment is quite small, so much so that the numbers will have a negligible impact on the calculation of the overall percentage uptake of COVID-19 vaccination in the general population.