



Seasonal Influenza Vaccine Uptake in Ireland, 2024-25 (September 2024 – July 2025)



Data extract from the COVAX system were provided on 21/07/2024. Data are subject to ongoing review, validation and update. As a result, figures in this report may differ from previously published figures. Population projections data were provided by Health Intelligence Unit.

Summary

Table 1: Seasonal influenza vaccine uptake (%) by age group in Ireland in 2024/25 influenza season

Age group	No. vaccinated	Pop Proj 2021 M2F2 estimate	% Uptake flu season 2024-25
2-4 years	28,582	186,908	15.3
5-12 years	148,473	558,762	26.6
13-17 years	43,697	335,561	13.0
50-59 years	130,843	617,777	21.2
60 and over	663,010	1,004,681	66.0
2-12 years	177,055	745,670	23.7
2-17 years	220,752	1,081,233	20.4
60-64 years	108,141	261,593	41.3
65-69 years	130,587	228,374	57.2
70- 74 years	139,596	195,639	71.4
65 and over	554,869	743,088	74.7
75 and over	284,686	319,075	89.2
80 and over	157,837	176,129	89.6

Data source: IIS Flu vaccination dashboard

Data source for denominator: HIU 2021 Popul Projection

na- denominator for those with medical risk condition is not available.

Introduction

Flu vaccine was funded by HSE for 2024/25 flu season for following population groups ([Getting the flu vaccine - HSE.ie](#)):

- Children aged 2-17 years,
- People aged 60 years and older,
- People living in a long-term care facility,
- Pregnant women,
- Health care workers,
- Those with specified medical conditions which put them at a higher risk of flu,
- Those living with or caring for someone at higher risk of flu,
- Those in regular contact with pigs, poultry or waterfowl.

Vaccine uptake target for children aged 2-17 years is 50% and for those age 65 and over 75%.

2024-2025 flu season NIAC recommendations for seasonal influenza vaccine:

(https://rcpi.access.preservica.com/uncategorized/IO_932627c6-b0fe-4264-82c6-ce976da6d3b7/)

For the 2024/2025 flu season the influenza vaccination campaign formally started on the 2nd of October 2024 but vaccines were administered as soon as they arrived on sites, from September.

In this report we provide data on uptake by age group. The data used in this analysis were obtained from the HSE IIS COVAX system, on the number of patients vaccinated with influenza vaccine for the 2024/25 (week 36, 2024 – week 29, 2025), inclusive. The source of data is an extract from the COVAX system, period 2nd September 2024 – 20th July 2025 which collects vaccination data related to COVID-19 and influenza vaccines administered to the Irish population.

Methods

The uptake rates are calculated as follows:

1. Influenza uptake rates by age group are calculated based on the proportion of individuals in the specified age group who are vaccinated during the period September 2024 – July 2025.
2. Rates by age groups for the 2024/2025 season are calculated using HIU 2021 Population Projection estimates.

Results

Data in the results section refer to all submissions to COVAX system for influenza vaccine administered, for the period September 2024 – July 2025 inclusive.

The national influenza vaccine uptake in those aged 60 years and over was 66.0% in 2024/25 influenza season. The national influenza vaccine uptake in those aged 65 years and older was 74.7% in 2024/25 influenza season and decreased by 1.0% (75.7%) in comparison to 2023/24 influenza season. Vaccine uptake in children aged 2-17 years was 20.4% and increased by 4.1% compared to the influenza season 2023/24 (16.3%) (table 1, figures 3,6).

Variation in vaccine uptake was observed between age groups, with the highest uptake (89.2%) in those aged 75 years and older and those aged 80 years and older (89.6%). The lowest uptake was in those aged 65-69 years (57.2%) (table 1). Variation in vaccine uptake was also observed between CHO areas, ranging from 62.2% in CHO area 1 to 86.0% in CHO area 6 in those aged 65 and over (figures 1 & 2). Vaccination coverage by CHO areas/counties is presented in figures 1, 2, 4, 5 and table 2.

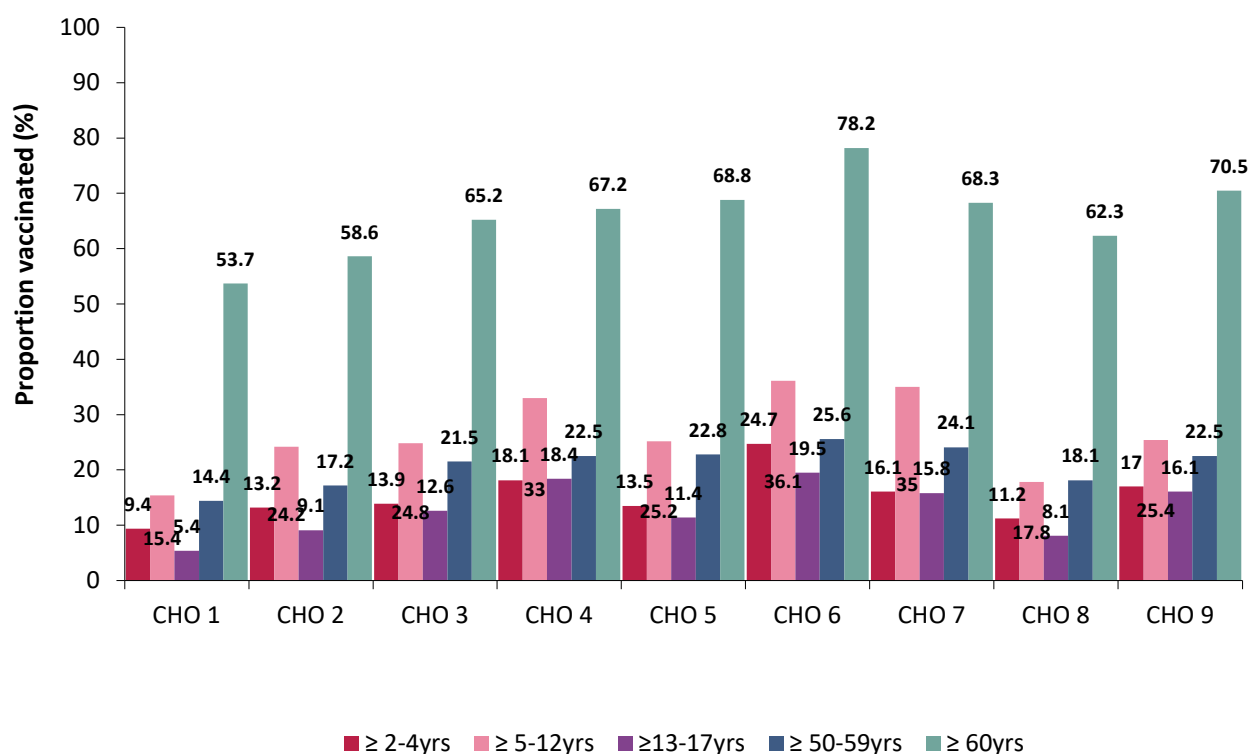


Figure 1: Seasonal influenza vaccine uptake (%) by age group and CHO area in Ireland in 2024/25 influenza season

Data source: IIS Flu vaccination dashboard

Data source for denominator: HIU 2021 Popul Projection

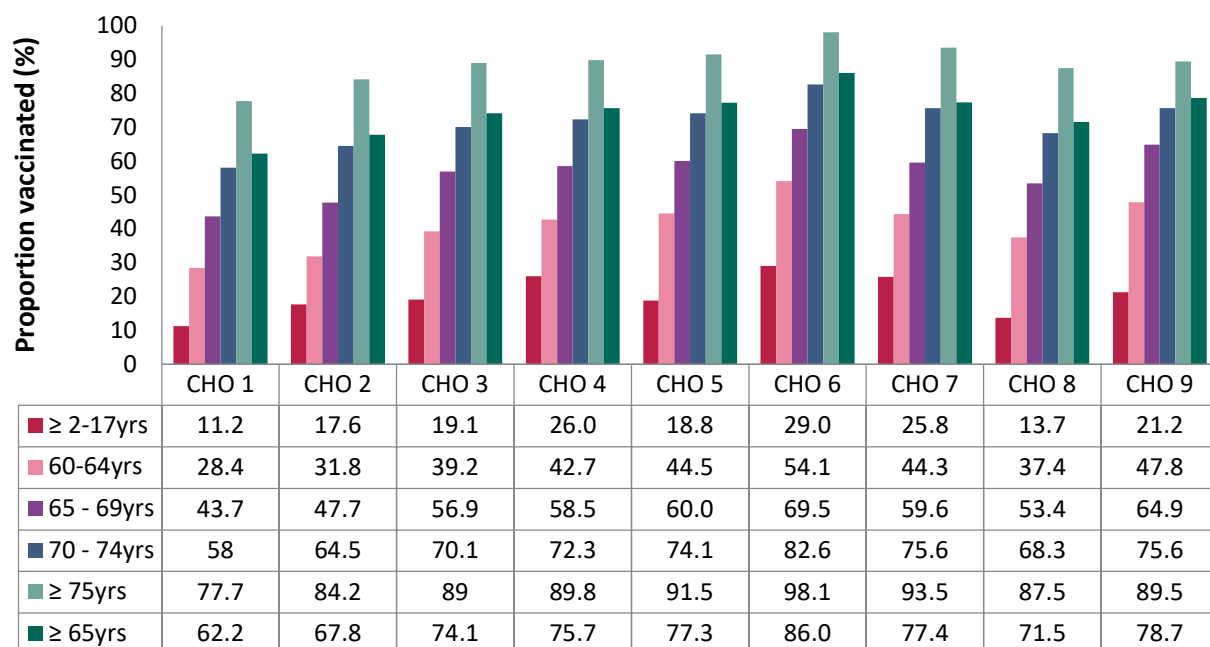


Figure 2: Seasonal influenza vaccine uptake (%) in older age groups and CHO areas in Ireland in 2024/25 influenza season

Data source: IIS Flu vaccination dashboard

Data source for denominator: HIU 2021 Popul Projection

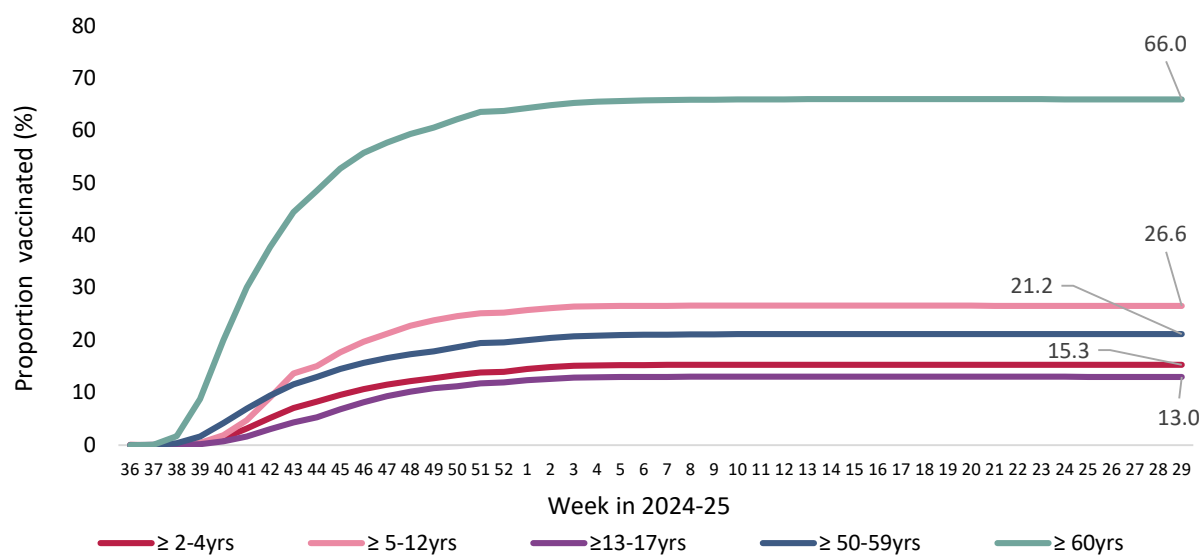


Figure 3: Cumulative seasonal influenza vaccine uptake (%) by age groups and week in Ireland in 2024/25 influenza season

Data source: IIS Flu vaccination dashboard.

Data source for denominator: HIU 2021 Popul Projection

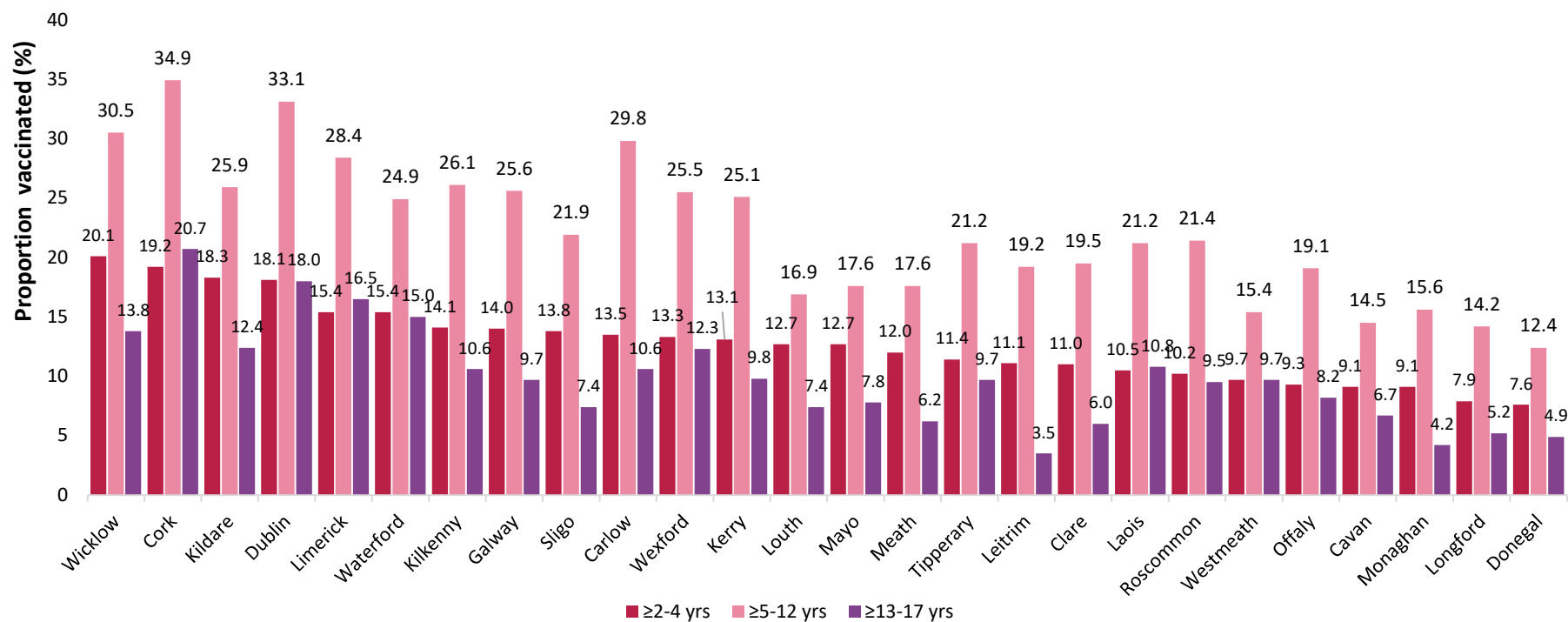


Figure 4: Seasonal influenza vaccine uptake (%) in children by counties in Ireland in 2024/25 influenza season

Data source: IIS Flu vaccination dashboard

Data source for denominator: HIU 2021 Popul Projection

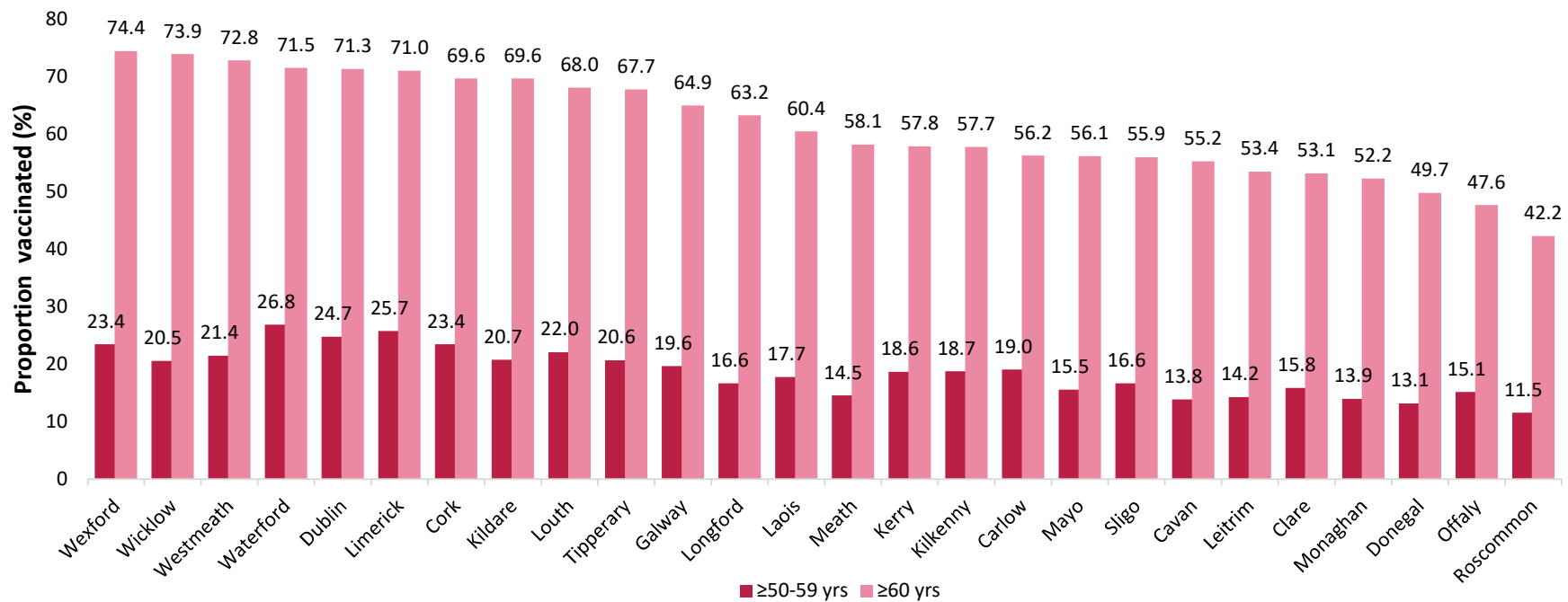


Figure 5: Seasonal influenza vaccine uptake (%) in adult population by counties in Ireland in 2024/25 influenza season

Data source: IIS Flu vaccination dashboard

Data source for denominator: HIU 2021 Popul Projection

Table 2: Seasonal influenza vaccine uptake (%) by age group and counties in Ireland in 2024/25 influenza season

Age group/County	No. vaccinated					Pop Proj 2021 M2F2 estimate					Vaccine uptake (%)				
	≥2-4 yrs	≥5-12 yrs	≥13-17 yrs	≥50-59 yrs	≥60 yrs	≥2-4 yrs	≥5-12 yrs	≥13-17 yrs	≥50-59 yrs	≥60 yrs	≥2-4 yrs	≥5-12 yrs	≥13-17 yrs	≥50-59 yrs	≥60 yrs
Carlow	301	2,066	458	1,431	6,689	2,236	6,944	4,324	7,528	11,892	13.5	29.8	10.6	19.0	56.2
Cavan	270	1,427	399	1,402	9,058	2,964	9,832	5,973	10,192	16,399	9.1	14.5	6.7	13.8	55.2
Clare	469	2,630	539	2,621	14,879	4,259	13,517	8,987	16,622	28,003	11.0	19.5	6.0	15.8	53.1
Cork	3,951	22,235	7,815	16,725	80,120	20,571	63,638	37,711	71,446	115,115	19.2	34.9	20.7	23.4	69.6
Donegal	451	2,340	604	2,808	18,688	5,900	18,850	12,358	21,498	37,571	7.6	12.4	4.9	13.1	49.7
Dublin	9,719	48,481	14,813	39,437	182,627	53,799	146,446	82,226	159,532	256,225	18.1	33.1	18.0	24.7	71.3
Galway	1,470	7,639	1,727	6,450	35,120	10,470	29,847	17,870	32,884	54,118	14.0	25.6	9.7	19.6	64.9
Kerry	642	3,853	974	3,785	22,206	4,883	15,377	9,979	20,322	38,430	13.1	25.1	9.8	18.6	57.8
Kildare	1,829	7,733	2,228	6,251	27,578	9,980	29,904	18,017	30,174	39,627	18.3	25.9	12.4	20.7	69.6
Kilkenny	521	3,164	764	2,511	12,881	3,703	12,111	7,216	13,394	22,334	14.1	26.1	10.6	18.7	57.7
Laois	393	2,487	785	1,973	9,873	3,745	11,753	7,262	11,168	16,357	10.5	21.2	10.8	17.7	60.4
Leitrim	124	717	87	615	4,402	1,114	3,742	2,454	4,316	8,245	11.1	19.2	3.5	14.2	53.4
Limerick	1,217	6,299	2,149	6,342	30,852	7,912	22,173	13,019	24,715	43,424	15.4	28.4	16.5	25.7	71.0
Longford	132	764	167	882	5,878	1,664	5,369	3,241	5,313	9,301	7.9	14.2	5.2	16.6	63.2
Louth	700	2,760	746	3,837	17,792	5,509	16,359	10,019	17,404	26,172	12.7	16.9	7.4	22.0	68.0
Mayo	548	3,209	716	2,710	19,150	4,318	14,120	9,137	17,513	34,147	12.7	22.7	7.8	15.5	56.1
Meath	994	4,846	1,030	3,906	20,846	8,280	27,468	16,520	26,931	35,864	12.0	17.6	6.2	14.5	58.1
Monaghan	220	1,236	196	1,107	7,020	2,409	7,904	4,686	7,981	13,451	9.1	15.6	4.2	13.9	52.2
Offaly	297	1,891	499	1,604	8,140	3,198	9,919	6,103	10,593	17,092	9.3	19.1	8.2	15.1	47.6
Roscommon	220	1,583	438	1,003	6,815	2,160	7,409	4,610	8,699	16,168	10.2	21.4	9.5	11.5	42.2
Sligo	342	1,614	335	1,446	9,110	2,487	7,382	4,546	8,688	16,293	13.8	21.9	7.4	16.6	55.9
Tipperary	663	3,907	1,131	4,492	25,633	5,814	18,457	11,673	21,813	37,851	11.4	21.2	9.7	20.6	67.7
Waterford	663	3,298	1,278	4,295	19,158	4,316	13,254	8,502	16,027	26,807	15.4	24.9	15.0	26.8	71.5
Westmeath	374	1,729	652	2,587	13,597	3,838	11,247	6,726	12,087	18,677	9.7	15.4	9.7	21.4	72.8
Wexford	741	4,545	1,406	4,867	25,571	5,563	17,848	11,445	20,793	34,376	13.3	25.5	12.3	23.4	74.4
Wicklow	1,169	5,460	1,514	4,124	22,706	5,813	17,890	10,957	20,143	30,743	20.1	30.5	13.8	20.5	73.9

Data source: IIS Flu vaccination dashboard.

Data source for denominator: HIU 2021 Popul Projection

Missing information for 12,718 records.

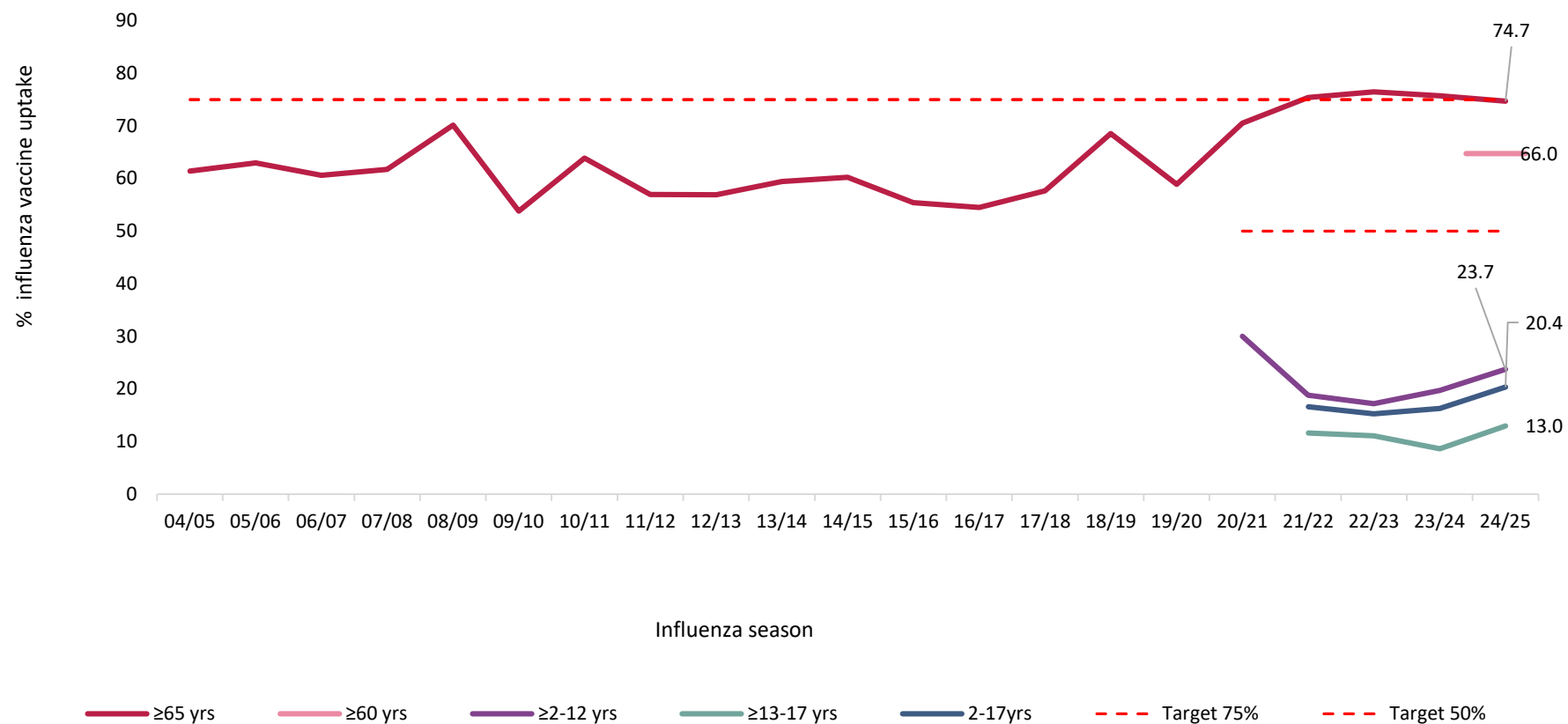


Figure 6: Seasonal influenza vaccine uptake (%) by age groups and season in Ireland in 2024/25 influenza season

In 2020/21 influenza vaccine was recommended to those aged 2-12 years. In 2021/22, 2022/23, 2023/24 and 2024/25 to those aged 2-17 years.

In 2024/25 influenza vaccine was recommended by NIAC to those aged 65 and over. Vaccine was funded for those aged 60 and over in 2024/25 influenza season. Vaccine uptake was monitored in both those age groups.

Table 9: Seasonal influenza vaccine uptake (%) by age groups and season (September – July) in Ireland

Age group	65 yrs≥			60 yrs≥			2-12 yrs			13-17 yrs			2-17yrs		
Flu season	No. vaccinated	Pop Proj	% Uptake	No.	Pop Proj	% Uptake	No.	Pop Proj	%	No.	Pop Proj	%	No.	Pop Proj	%
24/25	554,869	743,087	74.7	663,010	1,004,681	66.0	177,055	745,670	23.7	43,697	335,561	13.0	220,752	1,081,233	20.4
23/24	562,601	743,087	75.7				147,115	745,669	19.3	28,977	335,563	8.6	176,092	1,081,232	16.3
22/23	568,511	743,087	76.5				128,459	745,669	17.2	37,185	335,563	11.1	165,644	1,081,232	15.3
21/22	560,209	743,087	75.4				140,376	745,669	18.8	38,986	335,563	11.6	179,362	1,081,232	16.6
20/21	524,166	743,088	70.5				225,603	751,163	30.0						
19/20	342,505	581,305	58.9												
18/19	385,869	563,006	68.5												
17/18	315,108	546,742	57.6												
16/17	288,071	528,550	54.5												
15/16	280,046	505,859	55.4												
14/15	275,943	458,141	60.2												
13/14	269,202	452,931	59.4												
12/13	257,962	453,419	56.9												
11/12	250,525	439,980	56.9												
10/11	276,240	432,650	63.8												
09/10	225,358	419,010	53.8												
08/09	294,156	419,327	70.1												
07/08	259,100	419,767	61.7												
06/07	246,695	407,196	60.6												
05/06	249,013	395,458	63.0												
04/05	236,425	385,162	61.4												

*Seasonal flu vaccine was not recommended to children before the season 2020/21.

Acknowledgements

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