



Summary Findings of Uptake of the Seasonal Influenza Vaccine in HSE-funded Hospitals and Nursing Homes and Other Disability Facilities in Ireland in 2013-2014

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Summary and key points

This report relates to influenza vaccination uptake among health care workers (HCWs) in hospitals and long term care facilities (LTCFs) for the 2013-2014 influenza season. Comparisons are made with estimated uptakes for the 2011-2012 and 2012 -2013 seasons. Overall, there was increased participation and uptake for the 2013-2014 survey in comparison to the previous two seasons.

Influenza Vaccine Uptake in Hospitals, 2013-2014

- 80.7% (46/59) of known hospitals (including six private ones) participated in the 2013-2014 survey
- Nationally, influenza vaccine uptake among all categories of hospital HCWs was 24.4%
- Uptake varied by HSE region (range 15.6%- 35.2%)
- Highest uptake was reported in Dublin North East
- At national level, uptake varied by HSE staff category (18.2%-33.6%), the highest uptake was reported among 'medical and dental' professionals and lowest among 'nursing' staff

Table A. Influenza vaccine uptake hospital HCWs, 2011-2012 (Hospitals n= 41), 2012-2013 (n=35) and 2013-2014 (n=46) seasons, by HSE Region/staff category

HSE Region	Season		
	2013-2014	2012-2013	2011-2012
Dublin Mid-Leinster	26.3	22.0	19.7
Dublin North-East	35.2	27.8	25.5
South	17.7	10.1	9.2
West	15.6	10.7	11.3
HSE Grade Category			
General Support Staff	26.6	22.1	21.6
Health & Social Care Professionals	30.2	20.0	25.1
Management & Administration	26.6	18.5	20.9
Medical & Dental	33.6	23.5	21.9
Nursing	18.4	12.5	12.2
Other Patient & Client Care Staff	24.2	21.7	19.6
Total (All Staff)	24.4	17.4	18.0

Influenza Vaccine Uptake in LTCFs, 2013-2014

- 54.1% (131/242 known LTCFs) participated in the 2013-2014 survey
- Nationally, influenza vaccine uptake among LTCF HCWs was 22.8%
- Uptake varied by HSE region (range 13.7%- 28.4%)
- Highest was reported in Dublin Mid-Leinster
- At national level, uptake varied by HSE staff category (range 17.7%-30.3%); the highest uptake was in the 'medical and dental' category and lowest among 'management and administration' staff

Table B. Influenza vaccine uptake in LTCF HCWs, 2011-2012 (LTCFs n=70), 2012-2013 (n=137) and 2013-2014 (n=118) seasons, by HSE Region/staff category

HSE Region	Season		
	2013-2014	2012-2013	2011-2012
Dublin Mid-Leinster	28.4	19.5	26.7
Dublin North-East	26.0	22.5	19.1
South	13.7	8.0	14.0
West	22.0	11.7	13.1
HSE Grade Category			
General Support Staff	25.7	17.5	17.1
Health & Social Care Professionals	30.3	11.5	19.7
Management & Administration	17.7	22.3	22.4
Medical & Dental	35.5	19.0	11.3
Nursing	23.3	14.0	16.4
Other Patient & Client Care Staff	20.4	12.3	19.7
Total (All Staff)	22.8	14.4	18.0

Introduction

This third annual report summarises the uptake of seasonal influenza vaccine in 2013-2014 amongst healthcare workers (HCWs) in HSE-funded hospitals and long term care facilities (LTCFs) (LTCFs included disability/ mental health facilities and care for the elderly units)*. HSE recommends that all HCWs in Irish health services receive the seasonal influenza vaccination each year. Achieving a high uptake of influenza vaccination among HCWs is recognised as an important infection control intervention and occupational health issue, to reduce the risk of influenza transmission between patients and HCWs with the potential for severe disease in patients and staff. Between January and April of this year, 56 influenza-related general outbreaks in healthcare settings (hospitals and residential units) were notified in Ireland, with 865 cases, 28 deaths and with over a third with reports of staff ill with respiratory symptoms.

Methodology

On the 8th October 2013 the HSE Leadership team reviewed and endorsed an action plan to improve national influenza vaccination coverage of HCWs in Ireland. Among the actions endorsed by the HSE Leadership team for each facility/hospital was a target of 40%. On the 1st November 2013 an amended protocol based on measuring uptake of the influenza vaccine among HCWs during the 2012/2013 season was posted on to the HPSC website (<http://www.hpsc.ie/A-Z/Respiratory/Influenza/SeasonalInfluenza/InfluenzaandHealthcareWorkers/File,14374,en.pdf>) and also circulated to the National Immunisation Office, and to the eight Departments of Public Health. A request was also made at this time that they forward details of nominated coordinators in LTCFs in their areas to the HPSC. On the 4th November, a similar request to hospital CEOs was made for their nominated coordinators.

Separate online survey forms for hospitals (Appendix 1.1) and LTCFs (Appendix 1.2) were designed using the www.booroo.com website.

As in previous surveys, these forms were designed to capture aggregate data on the number of staff (one of six categories used by HSE: management and administration, medical and dental, nursing, health and social care professional, other patient and client care, general support staff) eligible for vaccination and the number vaccinated during the season. For hospitals, occupational health departments were asked to provide data on the number and category of HCWs vaccinated by the service. The Human Resources (HR) departments were requested to provide data on the numbers of staff employed in the hospital by category.

In LTCFs, data on vaccination uptake among was sought from the nominated coordinators for each unit (supported by senior management). Information was also sought on the number of residents and respite care patients present and vaccinated during this time period.

An email with a link to the online form was emailed to each nominated coordinator in 53 known public hospitals and 210 known public LTCFs on the 8th November. Each coordinator was asked to complete the form using aggregate uptake data relating to the previous month. Instructions on how to complete the forms, how to calculate the numerator (number vaccinated) and denominator (number eligible) of staff and clients, and a description of staff categories were included in the

* These included privately funded facilities, some of which are approved by the HSE, are registered with HIQA or avail of the Nursing Home Support Scheme

protocols specifically developed for this project by HSE partners (National Hospitals Office, representatives from occupational health physicians, National Immunisation Office (NIO) and the HPSC).

At the beginning of each subsequent month up until early May, 2014, further requests for cumulative seasonal uptake figures were made with links to new monthly online survey forms.

Over the course of the 2013-2014 season, data were routinely downloaded from the *Booroo* website, cleaned and imported into a MS-Access database. Provisional data on the seasonal influenza programme was reported to the HSE Leadership team in April 2014. For the end-of-season analyses, aggregate, data relating to vaccination uptake October 2013-April 2014 were used, wherever possible, for both hospitals and LTCFs. For hospitals or LTCFs that provided irregular aggregate reports, and failed to report end of season data, the most recent set of facility returns for the analyses were used. Statistical analyses were performed in MS-Excel.

Results

Hospitals

Hospital participation

Over the course of the 2013-2014 season, a total of 59 hospitals (including six private hospitals) were identified as eligible for inclusion in the survey, 46 (77.9%) of which responded by submitting data at least once online during this period of time. Five hospitals (10.9%) submitted cumulative seasonal figures up until the end of November, one (2.2%) at the end of December, 17 (37%) at the end of January and 23 (50%) at the end of April/beginning of May. Of the 46 participating hospitals, 35 (76.0%) reported their last set of cumulative returns as being complete for the season.

All 46 participating hospitals in 2013-2014 provided details of both vaccinated and staff numbers. Three hospitals provided details of whole time equivalent (WTE) values rather than the *actual* number of eligible staff, but were included in the analyses. In contrast, during the previous 2012-2013 and 2011-2012 seasons, 35 of 45 (76.1%) and 41 of 46 (89.1%) participating hospitals provided details of both staff numbers and vaccinated staff, respectively.

Levels of hospital participation by HSE region over the previous three seasons are presented in Figure 1. The change in the percentage participation by hospitals during the most recent season is due in part to the addition of six private hospitals to the total number of eligible hospitals, which increased from 53 in 2012-2013 to 59 in 2013-2014.

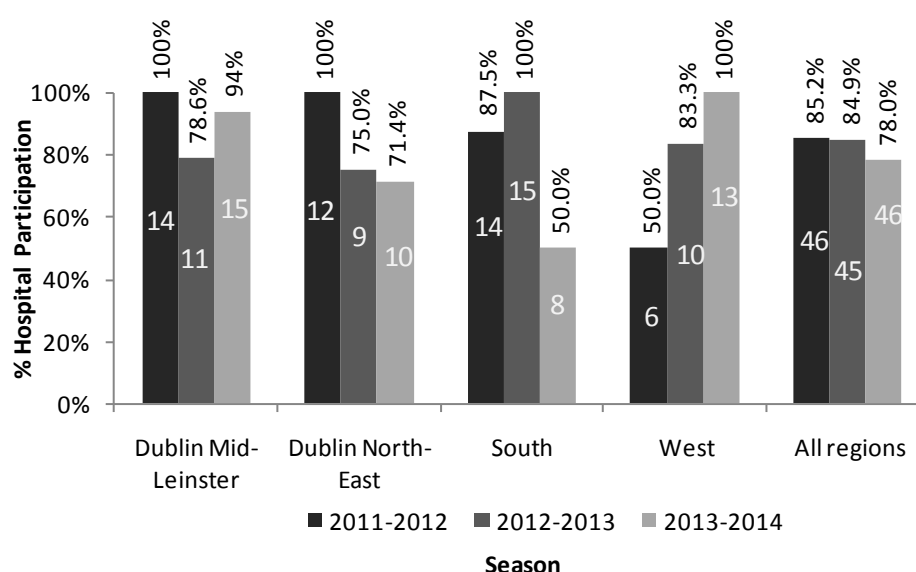


Figure 1. Participation by hospital and HSE region in 2011-2012, 2012-2013 and 2013-2014 seasons

Hospital staff vaccine uptake

Overall, the influenza vaccine uptake for all hospital staff was 24.4% in 2013-2014, compared to 17.4% in 2012-2013 and 18.0% in 2011-2012. Further details are presented in Table 1. Four private hospitals provided eligible and vaccinated staff details during 2013-2014. Details of staff uptake by individual named hospital are presented in Appendix 2. Only two hospitals (4.3%) exceeded the 40% national uptake target.

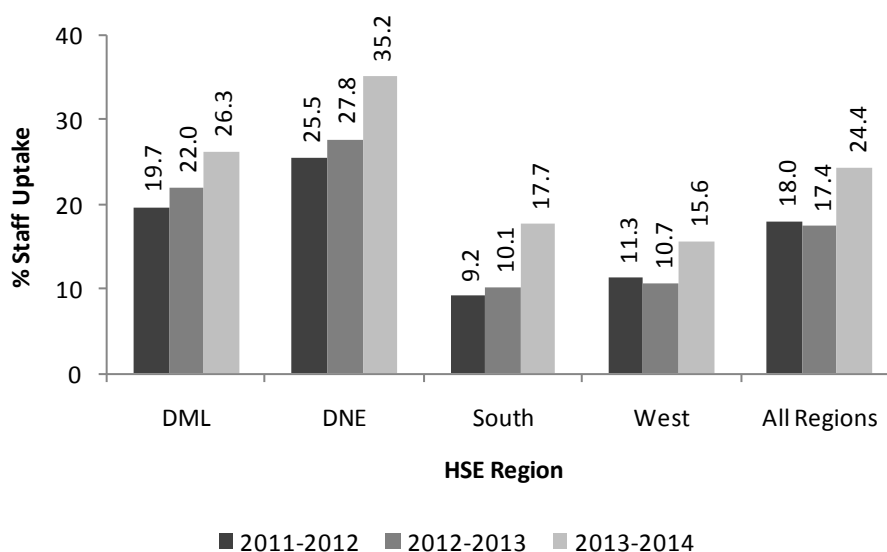
Table 1. Details of the vaccine uptake among hospital-based HCWs, by season

Season	No. Participating Hospitals	Uptake %				
		Average	95% CIs	Median	Min	Max
2011-2012	41	18.0	17.1-18.8	15.7	4.0	40.0
2012-2013	35	17.4	17.1-17.8	11.0	3.5	38.8
2013-2014	46	24.4	24.0-24.7	19.4	2.6	45.9

The increase in influenza vaccine uptake in hospitals between 2012-2013 and 2013-2014 (+7%) was statistically significant (Z score=25.6; $P<0.0001$).

There were 23 hospitals that provided a complete set of figures in each of the three seasons with their overall uptake at 25.4% in 2013-2014 (95%CI 7.6%-43.2%), at 19.7% (95%CI 3.4%-35.9%) in 2012-2013 and at 18.3% (95%CI 2.5%-34.1%) in 2011-2012.

Among the 46 responding hospitals during 2013-2014, uptake improved across all four HSE regions. The highest uptake was in Dublin North-East and the lowest in the West. There was an increase in uptake in all regions compared to previous years (Figure 2). Details of staff uptake numbers during 2013-2014 across all four HSE Regions are shown in Appendix 3.1 and across all eight HSE Areas in Appendix 3.2.

**Figure 2.** Hospital staff uptake by HSE Region in 2011-2012 (Hospital n= 41), 2012-2013 (n=35) and 2013-2014 (n=46) seasons

Overall, increased uptake between seasons was seen across all staff categories between 2012-2013 and 2013-2014: health and social care professionals (+10.2%); medical and dental staff (+10.1%); management and administration staff (+8.1%); nursing (+5.9%); general support staff (+4.5%); and other patient and client care professionals (+2.6%) (Figure 3, Appendix 4). All of these increases were statistically significant.

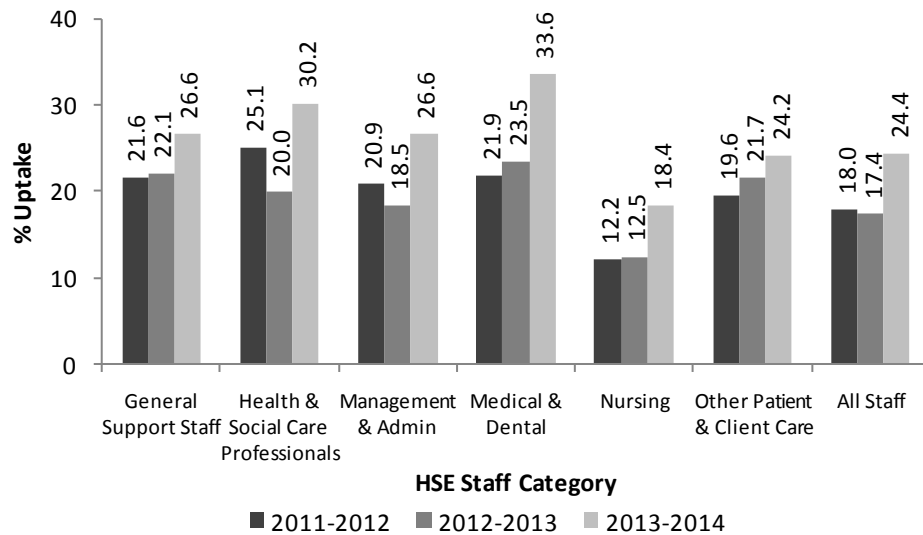


Figure 3. Hospital staff uptake by HSE grade category in 2011-2012 (Hospital n= 41), 2012-2013 (n=35) and 2013-2014 (n=46) seasons

A total of 28 hospitals provided details of eligible and vaccinated staff numbers in both the 2012-2013 and 2013-2014 seasons. For the 2013-2014 season, 21 (75%) hospitals reported an improvement in uptake (range 1.6%-18.0%) with five (17.9%) hospitals reporting an increase of more than 10%. Seven (25%) hospitals reported a reduction in staff uptake (range 0.3%-9%) during the most recent season when compared to the previous season.

Long term care facilities (LTCFs)

LTCF participation

A total of 210 LTCFs were initially targeted for inclusion in the survey. During the course of the season, however, an additional 32 LTCFs that were not previously identified, submitted data returns. In the final analyses, 131 LTCFs (54.1%) responded by submitting data at least once online. During the previous 2012-2013 and 2011-2012 seasons, 183 of 205 (89.3%) and 120 of 157 (76.4%) LTCFs, respectively, participated in the surveys.

In 2013-2014, 22 LTCFs (16.7%) submitted cumulative data up until the end of October 2013, 15 (11.4%) at the end of November, 6 (4.6%) at the end of December, 35 (26.7%) at the end of January 2014, eight (6.1%) at the end of February, two (1.5%) at the end of March and 43 (32.8%) at the end of April or early May.

Of the 131 participating LTCFs in 2013-2014, 118 (90.1%) provided details of both staff numbers and vaccinated staff. Five LTCFs however, provided details of whole time equivalent (WTE) values rather than the *actual* number of eligible staff, but were included in the analyses. In 2012-2013 and in 2011-2012, 137 LTCFs of 183 (74.8%) and 70 of 120 (58.3%) respectively, provided these same details.

Levels of LTCF participation by HSE Region over the previous three seasons are presented in Figure 4. The overall reduction in percentage participation by LTCFs during the most recent season is largely due to the sharp increase in the number of eligible LTCFs, increasing from 210 in 2012-2013 to 242 in 2013-2014.

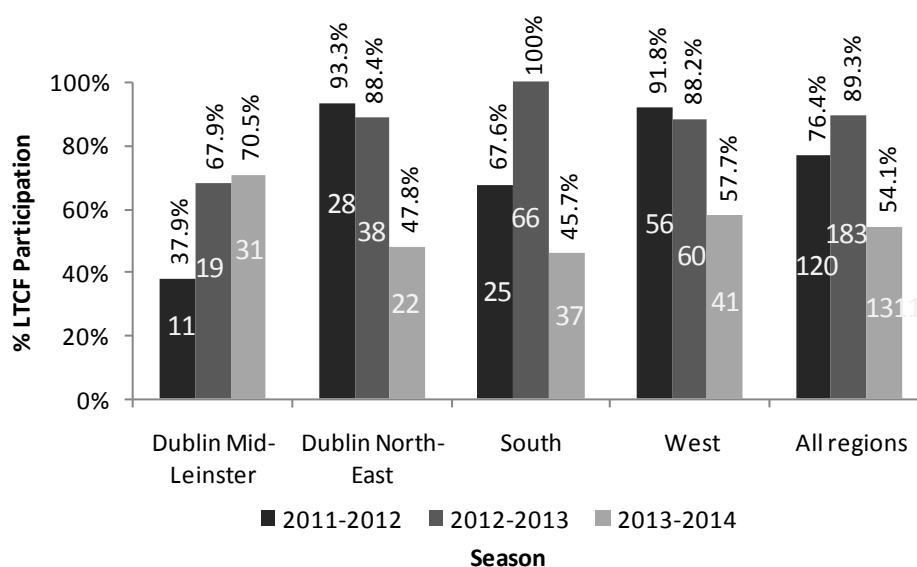


Figure 4. Participation by LTCF and HSE Region in 2011-2012, 2012-2013 and 2013-2014 seasons

LTCF staff vaccine uptake

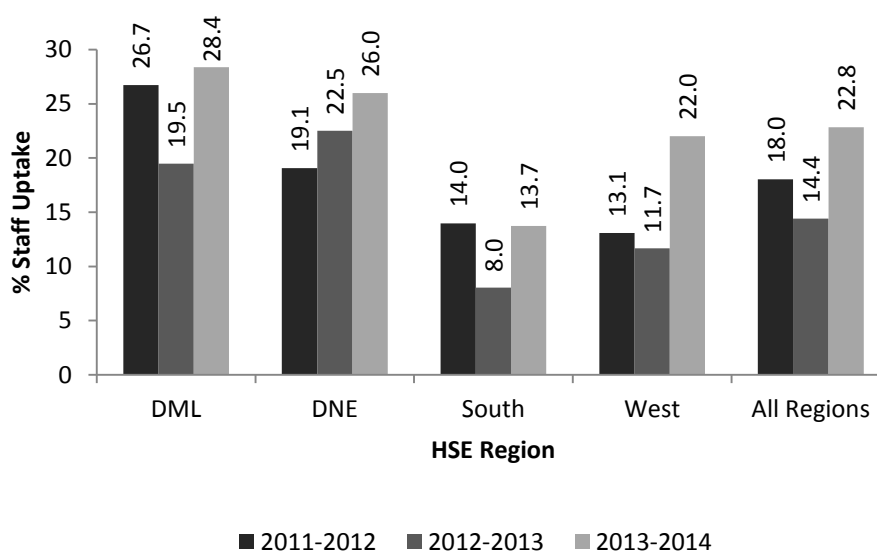
Overall, the percentage uptake by all LTCF staff was 22.8% in 2013-2014, up from 14.4% in 2012-2013, and from 18.0% in 2011-2012. Further details are presented in Table 2. Details of staff uptake by individual named LTCFs are shown in Appendix 5.

Table 2. Details of the vaccine uptake among LTCF-based HCWs, by season

Season	No. LTCFs	Uptake %					
		Overall	95% CIs Overall	Average	Median	Min	Max
2011-2012	70	18.0	15.5-20.6	16.0	10.0	0.0	90.4
2012-2013	137	14.4	12.9-15.9	16.5	11.8	0.0	76.0
2013-2014	118	22.8	21.4-24.3	25.7	20.3	0.0	100.0

The increase in overall percentage uptake in LTCFs between 2012-2013 and 2013-2014 (+8.4%) was statistically significant (Z score=18.39; P<0.0001).

Uptake improved across three of the four HSE Regions during the 2013-2014 season. The highest uptake was in Dublin Mid-Leinster (28.4%) with the lowest in the South (13.7%). Only Dublin North East exhibited an increasing uptake trend since the 2011-2012 season (Figure 5). Details of the staff uptake numbers during the 2013-2013 season across the four HSE Regions are shown in Appendix 6.1 and that of the eight HSE Areas in Appendix 6.2. Twenty-five (21.2%) of LTCFs exceeded the 40% national uptake target.

**Figure 5.** LTCF staff uptake by HSE Region in 2011-2012 (LTCF n=70), 2012-2013 (n=137) and 2013-2014 (n=118) seasons

Increased uptake across all staff categories with the exception of management and administration between 2012-2013 and 2013-2014 was observed: health and social care professionals (+18.8%); medical and dental staff (+16.5%); nursing (+9.3%); general support staff (+8.2%) and other patient and client care professionals (+8.1%). The reduction in uptake among management and administration staff was evident (-4.6%) (Figure 6, Appendix 7). All of changes in uptake listed above were statistically significant.

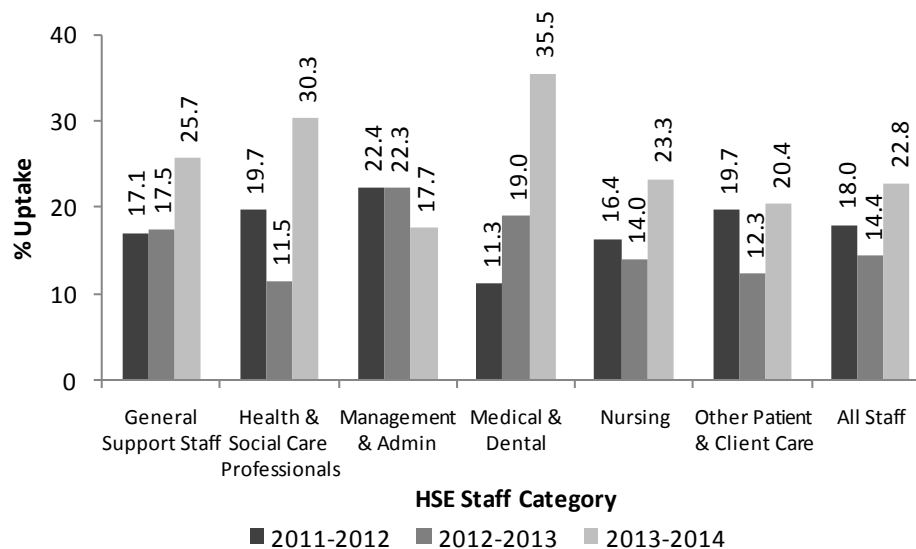


Figure 6. LTCF staff uptake by HSE grade category in 2011-2012 (LTCF n=70), 2012-2013 (n=137) and 2013-2014 (n=118) seasons

A total of 42 LTCFs provided details of eligible and vaccinated staff numbers in all three seasons, during which 30 (71.4%) reported an improvement (range +0.4% to +100%); 18 (42.9%) LTCFs reported an increase of more than 10% and 12 (28.6%) LTCFs reported a reduction or no change in staff uptake (range 0% to -41.4%).

Long stay residents

Although the number of participating LTCFs declined to 131 in 2013-2014 from 183 in the previous season, the average number of long stay beds per unit reported increased from 31.2 to 48.7, which would suggest that participating LTCFs in the most recent season were generally larger in size. This would also account for the average number of long stay residents increasing from 35.5 to 47.4. Uptake among long stay residents since the beginning of the season also increased from 73.0% in the previous season to 84.3% in 2013-2014 (Appendix 8). It is not clear if this increase is attributable to an increase in the average size of participating LTCFs during 2013-2014 and/or due to an increase in vaccination activity generally.

Respite residents

The increase in the average size of LTCFs reporting during the 2013-2014 season was not matched with an increase in the average number or respite residents per LTCF as it fell from 26.2 to 24. However, the percentage of respite residents vaccinated prior to admission over this same period increased from 9.4% to 17.2%. There was also an increase in the percentage of respite residents vaccinated in LTCFs between 2012-2013 and 2013-2014, rising from 6.3% to 14.9%. Together, the percentage of respite residents with a positive vaccination status rose from 15.7% to 32.1% between the last two seasons (Appendix 8).

Vaccination policy

During 2013-2014, 24 LTCFs had a policy in place recommending vaccination of respite residents prior to their admission to the facility, an increase from the 11 facilities reporting likewise during the 2012-2013 season (Appendix 9.1). The number of LTCFs that reported having a staff vaccination policy was very low, with only six during 2013-2014, less than the 10 LTCFs with such a policy during

the previous season (Appendix 9.2). Staff uptake in the four LTCFs with a staff vaccination policy reporting both eligible and vaccinated staff numbers was 37.7% (n=237/628), which was considerably higher than the 21.1% (n=1985/9395.8) reported by 75 LTCFs that stated that they did not have a policy.

Discussion

Changes since previous season

The findings of this third annual report indicate that some progress has been made compared to the previous seasons. Among the most noteworthy improvements include the increase in hospital participation to 46 (all of which had provided complete eligible and vaccinated staff details), increased uptake by hospital staff nationally by 7% to an overall uptake of 24.4% and an increase observed across all categories of hospital staff generally. Improvements were also observed among LTCFs. For example, LTCF staff uptake in 2013-2014 increased by 8.4% to an overall uptake of 22.8%, uptake among long stay residents increased by 11.3% to 84.3% and uptake among respite residents (vaccinated either prior to admission or within the facility itself) increased by 16.4% to 32.1% uptake.

However, some declines were also identified between 2012-2013 and 2013-2014, such as the reduced participation of LTCFs from 183 to 131 (a fall of 28.4%) and the decrease in uptake among LTCF management and administration staff by 4.6% to 17.7% uptake.

The modest gains made during the most recent influenza season occurred against a background of greater and more frequent engagement between HSE, HPSC, Departments of Public Health and the contact points and nominated agents in hospitals and LTCFs as well as engagement between HSE and the Professional bodies. It is disappointing that the overall uptake for both hospitals and LTCFs is still short of the 40% national target, particularly among hospitals. Clearly, much more need to be done to reach this target and to exceed it. In December 2009, the European Council unanimously recommended that EU countries adopt and implement national action plans to achieve 75% influenza vaccination coverage in all at-risk groups, including HCWs, by the 2014-2015 influenza season [2].

Of the influenza-related outbreaks in health care settings reported to the HPSC's Computerized Infectious Disease Reporting (CIDR) system, 56 occurred between January and April of this year, with 865 cases and 28 deaths reported and in which at least 22 (39.2%) reported sick staff. However, this occurrence was not much different from the 61 similar events during the same period in 2013 with 1362 cases, 22 deaths and in which at least 16 (26.2%) had reports of ill staff. Improved and more frequent reporting may have contributed to an increased awareness of the issue among participating hospitals and LTCFs during 2013-2014, but there are clearly other factors at play that account for the still relatively low uptake observed among HCWs generally.

Despite the different organisational structures seen in hospitals compared to LTCFs it is interesting that over successive annual surveys there is a similarity in uptake levels reported by both hospitals and LTCFs. Large hospitals are more likely to have their own occupational health departments to facilitate staff with on-site vaccination clinics whereas LTCFs are less likely to have such services readily available to them. This parity in uptake may reflect a greater awareness among LTCF staff regarding the importance of vaccination to prevent outbreaks and high morbidity and occasional fatality to their patient population. Further work is needed to identify and address the continued sub-optimum uptake among HCWs and specific groups within the healthcare setting.

The absence of site specific vaccination policies in LTCFs, despite the updating of national recommendations in September 2013 is also of concern (1, 3, 4). Such absence may reflect lack of awareness at senior management level about the value of having such policies that would support infection control and decrease risk of outbreaks and disease among their residents. In the absence of a standard HSE vaccination policy that is specified to senior management, it is possible that progress towards site specific policies will be slow to progress. Such a policy, if agreed, could involve a number of recommendations: regular updating of staff HR records with details of vaccination status, adopting declination forms or making vaccination a requirement of employment. Even where a health facility has a policy in place, implementation can be difficult, particularly if the policy is not broadly supported by management or staff. The current HSE position is that influenza vaccination is recommended for all but is not mandatory. To raise uptake levels significantly will require more resources to educate and promote vaccination and actively monitor and address local misinformation and other obstacles that prevent achievement of this goal.

Uptake in other countries

In England vaccination uptake among those HCWs with direct patient contact is monitored (compared to Ireland where uptake among all HCWs is monitored). During the 2013-2014 season, influenza vaccine uptake among frontline HCWs was 54.8% compared with 45.6 % for the previous season (5).

In the United States, the Centre for Disease Control analysed data from an internet panel survey of HCWs conducted from October 30-November 15, 2013. Early season 2013-2014 influenza vaccination coverage among HCWs was 62.9%, similar to the 63.4% coverage reported by early season 2012-2013. Vaccination coverage among HCWs was found to be highest in hospitals (79.0%) and lowest in LTCFs (52.6%). In the same study, influenza vaccination coverage was found to be higher among HCWs whose employers required (88.8%) or recommended (70.1%) vaccination compared to 44.3% of HCWs who did not (6).

The most recent figures available on vaccine uptake across Europe are available from an EU-funded VENICE study during the 2012/2013 season (unpublished data). Of 33 responding countries, 32 recommended influenza vaccine for HCWs; 25 of these had recommendations to vaccinate all HCWs; seven recommended vaccination for only some HCWs. The coverage among HCWs was reported by 13 countries, ranging from 9.5% (Poland) to 45.6% (United Kingdom-England).

Strengths and limitations of data

Among the key strengths of the current survey was the fact that all participating hospitals provided details of both eligible and vaccinated staff numbers to allow vaccine uptake to be calculated for each one. Furthermore, all participants in this study were encouraged to provide monthly cumulative returns during 2013-2014, unlike in the previous season when returns were only sought in early January and at the end of April/early May.

In the LTCF setting, the data reported by the LTCFs was based on data available to the person completing the survey. Obtaining accurate uptake data may have been more difficult in LTCFs in the absence of standard data collation system, particularly if the service provided was not on-site. However, national guidance currently recommends that all LTCFs should collect data on staff immunisation annually (1).

Estimates of influenza uptake presented here also include incomplete data relating to 13 LTCFs, (9.9% of the total). In addition, a small number of hospitals ($n=3/46=6.5\%$) and LTCFs ($5/118=4.2\%$) units provided WTE details during the 2013-2014 season rather than *actual* numbers of staff (as requested in the circulated protocols), thereby potentially inflating reported uptake figures.

As was the case in previous seasons, there is the assumption that the data provided for this report by all occupational health departments (hospitals) and LTCF management accurately reflects uptake of HCWs employed in their units. Such information may underestimate the uptake, especially if substantial numbers of HCWs are vaccinated outside the occupational health service. Although some staff may have sought influenza vaccination from a GP or local pharmacy (for convenience purposes) the likelihood of which is probably quite low as costs would be incurred by the HCWs themselves in these settings and because the vaccine is freely available to all HCWs.

Other issues that emerged during the course of the 2013/2014 season

A small number of survey respondents reported difficulty in getting information on the vaccination status of new respite residents; others stated that they could not get information on the vaccination status of their LTCF staff from occupational health departments. It is hoped that, over time, annual surveys will encourage management and occupational health departments in both hospitals and LTCFs to set up systems of reporting to facilitate data exchange on eligible and vaccinated staff numbers. Other difficulties included some respondents not having internet access whilst all *Booroo* survey users were unable to print off their responses or to toggle back and forth on survey pages to amend their responses. To address these issues in future, it is planned that data submissions will be downloaded from the *Booroo* website and forwarded to respondents upon request. One LTCF coordinator highlighted the issue of vaccine refusal of some LTCF residents, a finding that has not been reported before, the reasons for which were not explored in this survey but warrants further investigation at a local level.

Recommendations

- A number of international studies have investigated the potential impact of a number of intervention strategies to boost vaccine (e.g. improved access to vaccination clinics through mobile units operating on-site, in the wards for all shifts etc; improve knowledge and attitudes to vaccination; timely reminders; incentives; assigning dedicated personnel to support the vaccination programme (8). Based on the findings from this report and the slow progress that is being made it is recommended that further work is done to identify reasons for variation in vaccination coverage across the hospitals/facilities, health professionals and regions
- Increase awareness of the importance of influenza vaccination as an infection control marker, and an indicator of quality and professional care
- Encourage local leadership and strong and motivational communication messages
- Draw up information-led promotion strategies on the basis that workplace context influences vaccine acceptance
- Address HCWs concerns regarding vaccination in relation to their living with carriers of chronic diseases, the presence of a medical history of specific chronic diseases (e.g., diabetes, chronic respiratory disease) or the perception of a lack of good health
- Communicate to HCWs that vaccination is integral to duty of care, as important as hand hygiene

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Appendices

Appendix 1.1. Hospital-based online survey form

Page 1

The Flu vaccine co-ordinator for each hospital is requested to complete this online survey form at the end of each month (October 2013-April 2014). The aggregate data should be reported (total immunised since the beginning of flu season and total number of eligible staff since beginning of flu season) Data is collected by HSE grade category.

This data is to based on Influenza vaccines administered to hospital based staff ONLY. Staff working outside the hospital setting are not included in this.

NOTE - please provide number of staff and not WTE numbers

Also, please note that for each category of staff the number of vaccinated staff cannot exceed the number of eligible staff!

This survey relates to staff vaccinated since the beginning of the flu season 2013-2014---i.e. vaccinated in late September 2013 to end April/early May 2014-FINAL

1) Name of Hospital

2) Date Report Run

3) NOTE

- Number eligible staff = Number of staff currently on pay roll
- Health & Social Care Professionals e.g. Physiotherapists, Dieticians, Radiographers, Social Workers,
- Nurses e.g. Nurses, Student Nurses
- General support staff e.g. Maintenance, Domestic Staff, Porters, Security, Radio, Technical services
- Other Patient & Client Care e.g. Attendants/Aides, Care assistants

Management and Admin

Number of Eligible Staff

4) Management and Admin

Number of Staff Vaccinated

5) Medical and Dental

Number of Eligible Staff

6) Medical and DentalNumber of **Staff Vaccinated****7) Health and Social Care Professionals**Number of **Eligible Staff****8) Health and Social Care Professionals**Number of **Staff Vaccinated****9) Nursing**Number of **Eligible staff****10) Nursing**Number of **Staff Vaccinated****11) General Support Staff**Number of **Eligible Staff****12) General Support Staff**Number of **Staff Vaccinated****13) Other Patient and Client Care**Number of **Eligible Staff****14) Other Patient and Client Care**

Number of [Staff Vaccinated](#)

15) Influenza Coordinator's Name

16) Influenza Coordinator's Position

17) Influenza Coordinator's Email

18) Influenza Coordinator's Contact Telephone

19) Influenza Coordinator's Contact Fax

20) Date of Completion

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For any queries or comments please contact Dr. Suzanne Cotter; Piaras O'Lorcain

Address: 25-27 Middle Gardiner Street, Dublin 1

Email: hpsc-data@hse.ie

Telephone: 01-8765300

Fax: 01-8561299

You have now completed this questionnaire. The questionnaire data has automatically been sent to us. Thank you for your participation.

Appendix 1.2. LTCF-based online survey form

Page 1

Seasonal Influenza Vaccine Uptake, for staff and residents in HSE long term care residential services 2013-2014 Season.

Definitions: Long stay residents are defined as those who have been resident since beginning of influenza season (October 2013); Respite or Short Stay Care are defined as those who are admitted for a specified short period of time usually

Please insert data for the period 1st October 2013-31st April 2014 only-FINAL.

1) Name of HSE Residential Facility	

2) This Facility Caters Mainly For	
Elderly	
Disability	
Mental Health	

3) District / Town and County

4) Number Of Long Stay Beds

5) Number of Respite Beds

6) Date Report Run

<p>7) Part 1 - Influenza Vaccination Uptake - Residents LONG STAY BEDS. <i>(Long stay patients are defined as those in the unit for >1 month)</i></p> <p>Number of Residents - long stay Number of current long stay residents in long stay beds on date of report</p>
--

--

8) Total Number of Long Stay Residents in Unit Since October 1st 2013 (all residents ever present) (Includes **New** Long Stay as well as **Old** Long Stay)

--

9) Number of Long Stay Residents who left (discharged or died **since October 1st 2013**)

--

10) **Vaccinations**

Number of Current long stay residents vaccinated **on date of report**

--

11) Number of all Long Stay Residents vaccinated **since October 1st 2013**

--

12) **Influenza Vaccination Uptake - Residents Respite or Short Stay Care**

(policies should be put in place that respite residents should ideally be vaccinated prior to admission)

NOTE - respite or short stay residents refers to those resident for <1 month

Residents during time - respite care beds

Number of current respite residents **on date of report**

--

13) Total number of respite residents since October 1st 2013, (all admissions during time)

--

14) **Vaccination status of respite patients**

Number of current respite residents vaccinated before admission

--

15) Number of respite residents vaccinated in unit since October 1st, 2013

--

16) Is there a policy that all elective respite patients should be vaccinated before admission?	
Yes	
No	
N/A	
Unknown	

<p>17) Part 2 - Influenza Vaccination Uptake - staff (excluding agency staff)</p> <p>NOTE - Please report only on staff who have been working in unit since beginning October 1st, 2013</p> <ul style="list-style-type: none"> • Number eligible staff = Number of staff currently on pay roll • Health & Social Care Professionals e.g. Physiotherapists, Dieticians, Radiographers, Social Workers, • Nurses e.g. Nurses, Student Nurses • General support staff e.g. Maintenance, Domestic Staff, Porters, Security, Radio, Technical services • Other Patient & Client Care e.g. Attendants/Aides, Care assistants <p>Management and Administration Number Eligible staff</p>

<p>18) Management and Administration Number of vaccinated staff</p>

<p>19) Medical and Dental Number of Eligible Staff</p>

<p>20) Medical and Dental Number of Vaccinated Staff</p>

<p>21) Nursing Number of Eligible Staff</p>

22) Nursing

Number of Vaccinated staff

23) Other Patient and Client Care

Number of Eligible Staff

24) Other Patient and Client Care

Number of Vaccinated Staff

25) Health and Social Care Professionals

Number of Eligible Staff

26) Health and Social Care Professionals

Number of Vaccinated staff

27) General Support Staff

Number of Eligible Staff

28) General Support Staff

Number of Vaccinated Staff

29) Is there a policy that all staff should be vaccinated before taking up position?

Yes

No

N/A	
Unknown	

Page 2

30) Influenza Coordinator's Name

31) Influenza Coordinator's Position

32) Influenza Coordinator's email address

33) Influenza Coordinator's telephone

34) Influenza Coordinator's fax number

35) Date of Completion

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For any queries or comments please contact:
Dr. Suzanne Cotter; Piaras O'Lorcain

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**You have now completed this questionnaire. The questionnaire data has automatically been sent to us.
Thank you for your participation.**

Appendix 2. Seasonal Influenza Vaccine Uptake by Hospital (n=46) in 2013-2014

Hospital Name (in descending order of % staff uptake) Private hospital uptake data presented at bottom of table)	Cumulative Figures Reported Up To	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Beaumont Hospital	31/01/2014	3318	1522	45.9
Children's University Hospital, Temple Street	30/04/2014	1220	530	43.4
St Vincent's University Hospital	30/04/2014	2442.6	925	37.9
Rotunda Hospital	30/04/2014	852	277	32.5
St James's Hospital	31/01/2014	3455	1111	32.2
St Michael's Hospital, Dun Laoghaire	30/04/2014	477	153	32.1
St Luke's Hospital, Dublin	31/01/2014	572	178	31.1
Connolly Hospital, Blanchardstown	30/04/2014	1101	337	30.6
Mater Misericordiae University Hospital	30/04/2014	2966	902	30.4
St Columcille's Hospital, Loughlinstown	31/01/2014	413.75	125	30.2
Coombe Women's Hospital	30/04/2014	859	246	28.6
National Maternity Hospital, Holles Street	30/04/2014	825	231	28.0
St John's Hospital, Limerick	30/04/2014	328	84	25.6
Cappagh National Orthopaedic Hospital, Dublin	31/01/2014	358	89	24.9
Naas General Hospital	31/01/2014	625.04	149	23.8
Clontarf Hospital, Dublin	30/11/2013	198	45	22.7
Royal Victoria Eye & Ear Hospital, Dublin	31/01/2014	313	66	21.1
Adelaide & Meath & National Children's Hospital, Tallaght	30/04/2014	3088	639	20.7
Cork University Hospital Group	30/04/2014	3815	746	19.6
Our Lady's Hospital for Sick Children, Crumlin	30/04/2014	1863	357	19.2
Midland Regional Hospital Mullingar	30/04/2014	832	151	18.1
Portiuncula Hospital, Ballinasloe	30/04/2014	742	134	18.1
Roscommon County Hospital	30/04/2014	305	54	17.7
Sligo General Hospital	31/12/2013	1539	267	17.3
Cavan General Hospital	30/11/2013	717	124	17.3
Midland Regional Hospital Tullamore	30/04/2014	1059	179	16.9
South Infirmary - Victoria University Hospital, Cork	30/04/2014	858	140	16.3
University College Hospital Galway	30/04/2014	3532	567	16.1
Mayo General Hospital, Castlebar	30/04/2014	1115	175	15.7
St Luke's General Hospital, Kilkenny	31/01/2014	635	99	15.6
Letterkenny General Hospital	30/04/2014	1662	251	15.1
Mallow General Hospital	30/11/2013	257	38	14.8
Mid-Western Regional Hospital, Dooradoyle, Limerick	30/04/2014	2359	344	14.6
Kerry General Hospital, Tralee	30/04/2014	1071	142	13.3
Monaghan General Hospital	30/11/2013	123	15	12.2
Midland Regional Hospital Portlaoise	30/04/2014	673	79	11.7
Mid-Western Regional Orthopaedic Hospital, Croom	31/01/2014	177	20	11.3
Mid-Western Regional Hospital Ennis	31/01/2014	262	20	7.6
Bantry General Hospital	30/11/2013	258	16	6.2
Mid-Western Regional Maternity Hospital, Limerick	31/01/2014	387	21	5.4
Mid-Western Regional Hospital Nenagh	31/01/2014	228	12	5.3
Lourdes Orthopaedic Hospital, Kilcreene, Kilkenny	31/01/2014	78	2	2.6
Aut Even Hospital, Freshford Road, Kilkenny (private)	31/01/2014	244	91	37.3
Mater Private Hospital	31/01/2014	1102	368	33.4
Hermitage Medical Clinic, Old Lucan Road, Dublin 20 (private)	31/01/2014	401	112	27.9
Bon Secours Hospital, Renmore, Galway (private)	30/11/2013	497	101	20.3

Appendix 3.1. Seasonal Influenza Vaccine Uptake in Hospitals by HSE Region (n=46), 2013-2014

HSE Region	Number of Hospitals	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Dublin Mid-Leinster	15	17898.39	4701	26.3
Dublin North-East	10	11955	4209	35.2
South	8	7216	1274	17.7
West	13	13133	2050	15.6
Total	46	50202.39	12234	24.4

Appendix 3.2. Seasonal Influenza Vaccine Uptake in Hospitals by HSE Area (n=46), 2013-2014

HSE Area	Number of Hospitals	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
East	20	26449.39	8362	31.6
Midlands	3	2564	409	16.0
Mid-West	6	3741	501	13.4
North-East	2	840	139	16.5
North-West	2	3201	518	16.2
South	5	6259	1082	17.3
South-East	3	957	192	20.1
West	5	6191	1031	16.7
Total	46	50202.39	12234	24.4

Appendix 4. Seasonal Influenza Vaccine Uptake in Hospitals by HSE Staff Grade Category, 2013-2014

HSE Grade Category	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
General Support Staff	5363.7	1427	26.6
Health & Social Care Professionals	6183.2	1869	30.2
Management & Administration	8439.5	2246	26.6
Medical & Dental	6034.0	2025	33.6
Nursing	20515.1	3779	18.4
Other Patient & Client Care	3666.9	888	24.2
Total	50202.4	12234	24.4

Appendix 5. Seasonal Influenza Vaccine Uptake by Long Term Care Facility (n=131), 2013-2014

Long Term Care Facility Name (in descending order of % staff uptake)	Cumulative Figures Reported Up To	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Ballydevitt Group Home, Donegal Town, Co. Donegal	31/01/2014	2	2	100.0
Saimer View Community Group Home, Dunmuckrim, Ballyshannon, Co. Donegal	30/04/2014	3	3	100.0
St. Rosalie's, Convent Lane, Portmarnock, Co. Dublin	31/10/2013	29	27	93.1
Greystones Nursing Home, Church Road, Greystones, Co. Wicklow	28/02/2014	57	48	84.2
Regina House Community Nursing Unit	28/02/2014	20	16	80.0
Tara Care Centre, 5/6 Putland Road, Bray, Co. Wicklow	31/12/2013	48	36	75.0
Children's Sunshine Home, Leopardstown Road, Dublin 18	31/10/2013	100	64	64.0
Arus Breffni, Manorhamilton, Co. Leitrim	30/11/2013	24	15	62.5
Cobh Community Hospital, Cobh, Co. Cork	31/10/2013	49	29	59.2
Aras Ronan, Aran Islands, Co. Galway	30/04/2014	22	13	59.1
St. Patrick's Hospital, Cashel, Co. Tipperary	30/04/2014	149	88	59.1
Raheny Community Nursing Unit, Dublin 9	31/01/2014	130	74	56.9
Falcarragh Community Hospital, Falcarragh, Co. Donegal	30/04/2014	51	25	49.0
Lusk Community Unit, Lusk, Co. Dublin	31/10/2013	60	29	48.3
Dungloe Community Hospital, Dungloe, Co. Donegal	31/01/2014	56	27	48.2
Melview House Nursing Home, Clonmel, Co. Tipperary	31/01/2014	32	15	46.9
Leopardstown Park Hospital, Dublin 18	31/01/2014	226	103	45.6
St. Vincent's Hospital, Mountmellick, Mountmellick, Co. Laois	31/01/2014	139	63	45.3
Seanchara Community Unit, Dublin 11	31/01/2014	66	29	43.9
Grove House, Intellectual Disability Service, St. Mary's Health Campus, Gurranabraher, Co. Cork	31/12/2013	32	14	43.8
Ivy House, Proudstown Road, Navan, Co. Meath	30/04/2014	14	6	42.9
Carrick on Suir District Hospital (St. Brigid's), Tipperary, Co. Tipperary	31/10/2013	21	9	42.9
Dalkey Community Unit, Dalkey, Co. Dublin	30/04/2014	36	15	41.7
Connolly Hospital (Sycamore Psychiatry of Old Age Unit), Dublin 15	30/11/2013	29	12	41.4
Our Lady's Hospice, Dublin 6W	31/01/2014	541	219	40.5
Cluain Mhuire Community Mental Health Service, St John of God Community Services, Stillorgan, Co. Dublin	31/12/2013	133	52	39.1
Dublin South East HSE Units - Clonskeagh Hospital (Amalgamated return for Sir Patrick Dunn's, St. Broc's and Clonskeagh), Dublin 6	31/01/2014	126	49	38.9
St. Vincent's Centre, Navan Road, Dublin 7	30/04/2014	435	164	37.7
St. Brigid's Hospital, Shaen, Portlaoise, Co. Laois	30/11/2013	56	21	37.5
Cherryfield Lodge, Milltown Park, Dublin 6	30/04/2014	43	15	34.9
Aras Mac Dara, Carraroe, Co. Galway	31/01/2014	61	21	34.4
Killybegs Community Hospital, Killybegs, Co. Donegal	30/04/2014	51	17	33.3
The Marley Nursing Home, Kellystown Road, Rathfarnham, Dublin 16	31/01/2014	268	89	33.2
The Royal Hospital, Dublin 4	31/01/2014	263	87	33.1
St. Ita's Community Hospital, Newcastle West, Co. Limerick	31/12/2013	156	51	32.7
St. Joseph's Centre, Daughters of Charity, Grange Road, Dublin 15	30/11/2013	289	91	31.5
Lifford Community Hospital, Lifford, Co. Donegal	30/04/2014	35	11	31.4
Shiel Community Hospital, Ballyshannon, Co. Donegal	30/04/2014	62	19	30.6
Sullivan Memorial Home, Co. Cavan	31/01/2014	24	7	29.2
Rock Community Nursing Unit, Ballyshannon, Co. Donegal	30/04/2014	62	18	29.0
St. Louise's, Glenmaroon, Chapelizod	31/10/2013	105	29	27.6
Ramelton Community Nursing Unit, Ramelton, Co. Donegal	30/04/2014	40	11	27.5
Ennistymon Community Nursing Unit, Ennistymon, Co. Clare	31/12/2013	73	20	27.4
Our Lady's Hospital, Manorhamilton, Co. Leitrim	28/02/2014	95	25	26.3

Appendix 5. Continued

Long Term Care Facility Name (in descending order of % staff uptake)	Cumulative Figures Reported Up To	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Aras Mhuire Community Nursing Unit , Tuam, Co. Galway	31/01/2014	27	7	25.9
St. Joseph's Hospital, Ardee, Co. Louth	30/04/2014	39	10	25.6
St. Patrick's Community Hospital, Carrick on Shannon, Co. Leitrim	31/01/2014	145	37	25.5
Abbeyleix District Hospital, Abbeyleix, Co. Laois	30/04/2014	44	11	25.0
St. Brigid's Home, Brittas, Co. Dublin	31/01/2014	125	31	24.8
Oghill Nursing Home, Oghill, Monasterevin, Co. Kildare	31/01/2014	57	14	24.6
Dalton Community Nursing Unit, Claremorris, Co. Mayo	31/12/2013	33	8	24.2
St. Michaels House, Ballymun Road, Dublin 9	30/11/2013	1518	355	23.4
Ballincollig Community Nursing Unit, Ballincollig, Co. Cork	31/10/2013	130	30	23.1
St. Mary's Hospital, Phoenix Park, Dublin 20	30/11/2013	493	111	22.5
Greenhill Nursing Home, Carrick on Suir, Co. Tipperary	30/11/2013	63	14	22.2
Midleton Community Hospital and Long Stay Unit (Our Lady of Lourdes), Midleton, Co. Cork	31/01/2014	80	17	21.3
Hospital of the Assumption, Thurles, Co. Tipperary	30/04/2014	255	54	21.2
Boyne View House, Drogheda, Co. Louth	30/04/2014	29	6	20.7
St. Joseph's Care Centre, Co. Longford	31/03/2014	136	28	20.6
No 25, Grand Priory, Kells, Co. Meath	30/04/2014	5	1	20.0
St. Colman's Hospital, Rathdrum, Rathdrum, Co. Wicklow	30/04/2014	121	24	19.8
Birr Community Nursing Unit, Birr, Co. Offaly	31/10/2013	111	22	19.8
St. Mary's Hospital, Mullingar (now called Cluain Lir Community Nursing Unit), Mullingar, Co. Westmeath	30/11/2013	111	22	19.8
Donegal Hospice Knocknamona, Letterkenny, Co. Donegal	30/04/2014	41	8	19.5
Inbhear na Mara Residential Unit, Bundoran, Co. Donegal	31/01/2014	21	4	19.0
Muiriosa Foundation, Moore Abbey, Monasterevin, Co. Kildare (Sth. Kildare Services)	30/04/2014	320	60	18.8
Maynooth Community Unit, Maynooth, Co. Kildare	31/10/2013	59	11	18.6
St. Mary's Hospital, Drogheda, Drogheda, Co. Louth	30/04/2014	38	7	18.4
Cherry Orchard Hospital, Dublin 10	30/11/2013	379	69	18.2
St. Brendan's Home, Loughrea, Co. Galway	31/01/2014	126	22	17.5
Connolly Hospital (Silver Birch & Woodland Units), Dublin 15	30/11/2013	87	15	17.2
Millview, St. John's Hospital Grounds, Enniscorthy, Co. Wexford	30/04/2014	18	3	16.7
Rowanfield House Supervised Residential Unit, Donegal Town, Co. Donegal	30/04/2014	37	6	16.2
Cluain Arainn Community Nursing Unit, Co. Tipperary	31/01/2014	25	4	16.0
Mount Alvernia Hospital, Mallow, Co. Cork	31/01/2014	117	18	15.4
St. Luke's Home, Castle Road, Mahon, Cork City, Co. Cork	31/10/2013	200	30	15.0
Belmullet District Hospital (including Aras Deirbhile), Belmullet, Co. Mayo	30/04/2014	103	15	14.6
Cavan/Monaghan Disability Services, Cavan town, Co. Cavan	30/04/2014	152	22	14.5
St. Finbarr's Hospital, Cork, Co. Cork	30/11/2013	934.75	126	13.5
Belvilla Community Unit for Older Persons, Dublin 8	31/01/2014	82	11	13.4
Clifden District Hospital, Clifden, Co. Galway	31/10/2013	38	5	13.2
Cottage Hospital, Drogheda, Co. Louth	30/04/2014	48	6	12.5
Re Nua, Adult Acquired Brain Injury Services, Our Lady's Campus, Cashel, Co. Tipperary	31/01/2014	16	2	12.5
West Kerry Community Hospital , Dingle, Co. Kerry	30/04/2014	48	6	12.5
St. Vincent's Hospital, Athy, Co. Kildare	28/02/2014	191	23	12.0
St. Columbanus Home incorporating Killarney Community Hospital, Killarney, Co. Kerry	30/04/2014	258	31	12.0
St. Joseph's Community Hospital, Stranorlar, Co. Donegal	30/04/2014	219	24	11.0

Appendix 5. Continued

Long Term Care Facility Name (in descending order of % staff uptake)	Cumulative Figures Reported Up To	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Kanturk Community Hospital , Kanturk, Co. Cork	31/01/2014	110	12	10.9
St. Vincent's Care Centre, Athlone, Co. Westmeath	30/04/2014	101	11	10.9
Marymount Care Centre, Westmanstown, Lucan, Co. Dublin	30/11/2013	112	12	10.7
St. Patrick's Hospital, John's Hill, Waterford, Co. Waterford	28/02/2014	98	10	10.2
Cill Aoibhinn Group Home, Donegal Town, Co. Donegal	30/04/2014	20	2	10.0
Sacred Heart Hospital, Old Dublin Road, Co. Carlow	30/04/2014	101	10	9.9
St. John of God Community Services Ltd., St. Raphael's, Celbridge, Co. Kildare	31/10/2013	351.44	31	8.8
Clonakilty Community Hospital and Long Stay Unit (Mount Carmel Home and Hospital), Clonakilty, Co. Cork	31/10/2013	188	16	8.5
Castletownbere Community Hospital (St. Joseph's), Castletownbere, Co. Cork	30/04/2014	36	3	8.3
Riada House Community Unit, Tullamore, Co. Offaly	31/01/2014	49	4	8.2
Youghal Community Hospital, Youghal, Co. Cork	31/10/2013	55	4	7.3
St. Anne's Community Nursing Home, Clifden, Co. Galway	30/04/2014	59	4	6.8
Dungarvan Community Hospital - incorporating St. Josephs Hospital and Dungarvan District Hospital (St. Vincent's) , Dungarvan, Co. Waterford	31/10/2013	161	10	6.2
Castlecomer District Hospital, Castlecomer, Co. Kilkenny	31/01/2014	36	2	5.6
Wexford Disability Services, Millbrook Day Centre, Munster Hill, Enniscorthy, Co. Wexford	28/02/2014	54	3	5.6
Wexford Mental Health Services (WMHS Rehabilitation)	31/03/2014	204	10	4.9
Dean Maxwell Community Nursing Unit, Roscrea, Co. Tipperary	30/04/2014	41	2	4.9
Plunkett Community Nursing Unit, Boyle, Co. Roscommon	31/10/2013	42.5	2	4.7
Macroom Community Hospital, Macroom, Co. Cork	31/01/2014	102	4	3.9
District Hospital, Gorey, Co. Wexford	31/10/2013	33	1	3.0
Bandon Community Hospital, Bandon, Co. Cork	30/04/2014	40	1	2.5
North Cork Mental Health Services, St. Stephens Hospital, Glanmire, Cork City, Co. Cork	30/04/2014	180	3	1.7
Caherciveen Community Hospital, Caherciveen, Co. Kerry	30/04/2014	61	1	1.6
Arus Carolan, Mohill, Co. Leitrim	31/01/2014	62	1	1.6
Sacred Heart Hospital, Castlebar, Co. Mayo	31/01/2014	166	1	0.6
St. Joseph's Disability Service, Portrane, Co. Dublin	31/01/2014	256	0	0.0
Bantry General Hospital, Bantry, Co. Cork	31/10/2013	24.11	0	0.0
Haywood Lodge, Community Nursing Unit, Clonmel, Co. Tipperary	31/10/2013	54	0	0.0
Skibbereen Community Hospital (St. Anne's), Skibbereen, Co. Cork	31/10/2013	45	0	0.0
Dunmanway Community Hospital (St. Anthony's), Dunmanway, Co. Cork	30/04/2014	71	0	0.0
Clara House Resource Centre, Rushine Road, Killybegs, Co. Donegal	30/04/2014	4	0	0.0

Appendix 5. Continued

Long Term Care Facility Name (in descending order of % staff uptake)	Cumulative Figures Reported Up To	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Lisdarn Unit for the Elderly, Co. Cavan	28/02/2014	88	N/A	N/A
Heather House, Buttevant, Co. Cork	31/01/2014	67	N/A	N/A
St. Joseph's Hospital, Trim, Co. Meath	28/02/2014	110	N/A	N/A
St. Patrick's Community Hospital, Fermoy, Co. Cork	31/10/2013	93	N/A	N/A
Aras Attracta Intellectual Disability Services, Swinford, Co. Mayo	31/01/2014	131	N/A	N/A
Raheen Community Nursing Unit, Scariff, Co. Clare	31/01/2014	43	N/A	N/A
St. Joseph's Community Hospital, Ennis, Co. Clare	30/04/2014	181	N/A	N/A
Buncrana Community Nursing Unit, Buncrana, Co. Donegal	30/11/2013	N/A	31	N/A
Carndonagh Community Hospital, Caradonagh, Co. Donegal	30/11/2013	N/A	34	N/A
Donegal Town Community Hospital, Donegal, Co. Donegal	30/11/2013	N/A	38	N/A
Cloonamahon Learning Disability Services, Collooney, Co. Sligo	30/04/2014	N/A	10	N/A
Peamount Hospital, Co Dublin	31/10/2013	N/A	90	N/A
St. Oliver Plunkett Hospital, Drogheda, Co. Louth	31/01/2014	N/A	N/A	N/A
	Total	14309.8	3268	22.8
	Average	121.3	27.7	25.7

N/A not available -Total and Average calculations excludes 13 long term care facilities where eligible and/or vaccinated staff numbers were not provided; Total and average figures excludes figures from LTCFs that did not provide both eligible and vaccinated staff numbers

Appendix 6.1. Seasonal Influenza Vaccine Uptake in LTCFs by HSE Region (n=119), 2013-2014

HSE Region	Number of LTCFs	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Dublin Mid Leinster	30	4490.44	1274	28.4
Dublin North-East	19	3741	972	26.0
South	35	3825.86	526	13.7
West	34	2252.5	496	22.0
Total	118	14309.8	3268	22.8

Note-Total calculations excludes 13 long term care facilities where eligible and/or vaccinated staff numbers were not provided; Total figures excludes figures from LTCFs that did not provide both eligible and vaccinated staff numbers

Appendix 6.2. Seasonal Influenza Vaccine Uptake in LTCFs by HSE Area (n=119), 2013-2014

HSE Area	Number of LTCFs	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
East	33	7135.44	1999	28.0
Midlands	8	747	182	24.4
Mid-West	5	545	143	26.2
North-East	8	349	65	18.6
North-West	18	1027	252	24.5
South	19	2580.86	342	13.3
South-East	16	1245	184	14.8
West	11	680.5	101	14.8
Total	118	14309.8	3268	22.8

Note-Total calculations excludes 13 long term care facilities where eligible and/or vaccinated staff numbers were not provided; Total figures excludes figures from LTCFs that did not provide both eligible and vaccinated staff numbers

Appendix 7. Seasonal Influenza Vaccine Uptake in LTCFs by HSE Staff Grade Category, 2013-2014

HSE Grade Category	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
General Support Staff	2440.55	627	25.7
Health & Social Care Professionals	1131.48	343	30.3
Management & Administration	2321.98	410	17.7
Medical & Dental	236.73	84	35.5
Nursing	4582.23	1069	23.3
Other Patient & Client Care	3596.83	735	20.4
Total	14309.8	3268	22.8

Note-Total calculations excludes 13 long term care facilities where eligible and/or vaccinated staff numbers were not provided; Total figures excludes figures from LTCFs that did not provide both eligible and vaccinated staff numbers

Appendix 8. LTCF activity statistics and seasonal influenza vaccination, 2011-2012, 2012-2013 and 2013-2014 seasons

Criteria	2011-2012	2012-2013	2013-2014	2012-2013 versus 2013-2014 difference	2011-2012 versus 2013-2014 difference
Number of participating LTCFs	120	183	131	-52	+11
Number of Long Stay Beds Reported	4849	5701	6386	+685	+1537
Average Number of Long Stay Beds per LTCF Reported	40.4	31.2	48.7	+17.6	+8.3
Number of Long Stay Residents on Date of Report	4524	6356	6084	-272	+1560
Average Number of Long Stay Residents per LTCF on Date of Report	37.7	34.7	46.4	+11.7	+8.7
Number of Long Stay Residents Since Season Start	4619	6503	6210	-293	+1591
Average Number of Long Stay Residents per LTCF Since Season Start	38.5	35.5	47.4	+11.9	+8.9
Number of Long Stay Residents who have Left or Died	667	811	638	-173	-29
Average Number of Long Stay Residents per LTCF who have Left or Died	5.6	4.4	4.9	+0.4	-0.7
Number of Long Stay Residents Vaccinated on Date of Report	3864	5001	5365	+364	+1501
Average Number of Long Stay Residents Vaccinated per LTCF on Date of Report	32.2	27.3	41.0	+13.6	+8.8
Number of Long Stay Residents Vaccinated Since Season Start	4078	4746	5232	+486	+1154
Average Number of Long Stay Residents Vaccinated per LTCF Since Season Start	34.0	25.9	39.9	+14.0	+6.0
% Long Stay Residents Vaccinated on Date of Report	85.4%	78.7%	88.2%	+9.5%	+2.8%
% Long Stay Residents Vaccinated Since Season Start	88.3%	73.0%	84.3%	+11.3%	-4.0%
Number of Respite Beds Reported	521	549	628	+79	+107
Number of Respite Residents on Date of Report	501	485	496	+11	-5
Average Number of Respite Residents per LTCF on Date of Report	4.2	2.7	3.8	+1.1	-0.4
Number of Respite Residents Since Season Start	5591	4790	3139	-1651	-2452
Average Number of Respite Residents per LTCF Since Season Start	46.6	26.2	24.0	-2.2	-22.6
Number of Respite Residents that were Vaccinated Before Admission Since Season Start	159	449	541	+92	+382
Average Number of Respite Residents that were Vaccinated Before Admission per LTCF Since Season Start	1.3	2.5	4.1	+1.7	+2.8
% Respite Residents that were Vaccinated Before Admission Since Season Start	2.8%	9.4%	17.2%	+7.9%	+14.4%
Number of Respite Residents that were Vaccinated in LTCFs Since Season Start	172	303	467	+164	+295
Average Number of Respite Residents per LTCF that were Vaccinated in LTCFs Since Season Start	1.4	1.7	3.6	+1.9	+2.1
% Respite Residents that were Vaccinated in LTCFs Since Season Start	3.1%	6.3%	14.9%	+8.6%	+11.8%
% Vaccinated Respite Residents in LTCFs Since Season Start	5.9%	15.7%	32.1%	+16.4%	+26.2%

Appendix 9.1. LTCFs with policy of vaccinating respite residents before admission, 2013-2013, 2012-2013 and 2011-2012 seasons

Residence Name	2011-2012	2012-2013	2013-2014
Abbeyleix District Hospital, Abbeyleix, Co. Laois		Yes	Yes
Aras Attracta Intellectual Disability Services, Swinford, Co. Mayo		Yes	Yes
Bandon Community Hospital, Bandon, Co. Cork			Yes
Beaufort House, Navan Community Health Unit, Athboy Road, Navan, Co. Meath		Yes	
Castletownbere Community Hospital (St. Joseph's), Castletownbere, Co. Cork	Yes		
Cherryfield Lodge, Milltown Park, Dublin 6, , Co. Dublin			Yes
Cleary House Supervised Residential Unit, Mental Health Services, Letterkenny, Co. Donegal		Yes	
Clifden District Hospital, Clifden, Co. Galway		Yes	
Clonakilty Community Hospital and Long Stay Unit (Mount Carmel Home and Hospital), Clonakilty, Co. Cork			Yes
Dalton Community Nursing Unit, Claremorris, Co. Mayo		Yes	Yes
Dean Maxwell Community Nursing Unit, Roscrea, Co. Tipperary			Yes
Dungarvan Community Hospital - incorporating St. Josephs Hospital and Dungarvan District Hospital (St. Vincent's) , Dungarvan, Co. Waterford			Yes
Heather House, Buttevant, Co. Cork			Yes
Hospital of the Assumption, Thurles, Co. Tipperary			Yes
Kanturk Community Hospital , Kanturk, Co. Cork	Yes	Yes	
Leopardstown Park Hospital, Dublin 18, Co. Dublin			Yes
Macroom Community Hospital, Macroom, Co. Cork			Yes
North Cork Mental Health Services, St. Stephens Hospital, Glanmire, Cork, Cork City, Co. Cork			Yes
Regina House Community Nursing Unit, Kirush, Co. Clare			Yes
Sacred Heart Hospital, Old Dublin Road, Carlow, Co. Carlow		Yes	Yes
Shiel Community Hospital, Ballyshannon, Co. Donegal	Yes		
Skibbereen Community Hospital (St. Anne's), Skibbereen, Co. Cork			Yes
St. Brigid's Home, Brittas, Co. Dublin	Yes		Yes
St. Colman's Hospital, Rathdrum, Rathdrum, Co. Wicklow			Yes
St. Finbarr's Hospital, Cork, Co. Cork			Yes
St. Joseph's Community Hospital, Ennis, Co. Clare			Yes
St. Joseph's Hospital, Trim, Trim, Co. Meath		Yes	
St. Patrick's Community Hospital, Carrick on Shannon, Co. Leitrim			Yes
St. Patrick's Community Hospital, Fermoy, Fermoy, Co. Cork			Yes
St. Patrick's Hospital, Cashel, Cashel, Co. Tipperary	Yes	Yes	
St. Patrick's Hospital, John's Hill, Waterford, Co. Waterford			Yes
St. Vincent's Hospital, Athy, Athy, Co. Kildare			Yes
Swinford District Hospital, Swinford, Co. Mayo		Yes	

Appendix 9.2. LTCFs with policy of vaccinating staff, 2012-2013, 2013-2014 seasons

Residence Name	2012-2013	2013-2014
Ardamine Community Mental Health Hostel, Ardamine, Gorey, Gorey, Co. Wexford	Yes	
Boyne View House, Drogheda, Co. Louth	Yes	
Cleary House Supervised Residential Unit, Mental Health Services, Letterkenny, Co. Donegal	Yes	
Cottage Hospital, Drogheda, Co. Louth	Yes	
Dean Maxwell Community Nursing Unit, Roscrea, Co. Tipperary	Yes	
Grove House, Intellectual Disability Service, St. Mary's Health Campus, Gurrabraher, Co. Cork	Yes	
Heather House, Buttevant, Co. Cork		Yes
Leopardstown Park Hospital, Dublin 18, Co. Dublin		Yes
Mount Alvernia Hospital, Mallow, Co. Cork, Mallow, Co. Cork		Yes
New Haughton Hospital, New Ross, Co. Wexford	Yes	
St. Joseph's Care Centre, Longford, Co. Longford	Yes	Yes
St. Joseph's Hospital, Trim, Trim, Co. Meath		Yes
St. Mary's Hospital, Drogheda, Drogheda, Co. Louth	Yes	
St. Patrick's Hospital, Cashel, Cashel, Co. Tipperary	Yes	Yes