



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive



Summary Findings of Uptake of the Seasonal Influenza Vaccine in HSE-funded Hospitals and Nursing Homes and Other Disability Facilities in Ireland in 2014-2015

August 2015

A Report by the Health Protection Surveillance Centre

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Summary and key points

This report relates to influenza vaccination uptake among health care workers (HCWs) both in hospitals and long term care facilities (LTCFs) during the 2014-2015 influenza season. Only 21 hospitals and 21 LTCFs provided completed returns in each survey over the past four seasons and where comparisons are made between seasons in this report, those comparisons focus exclusively on them. Please note that uptake figures for previous seasons may differ slightly from those previously presented due to on-going updating of data.

Influenza Vaccine Uptake in Hospitals, 2014-2015 (n=45 hospitals)

- 79.7% (47/59) of known hospitals (including six private ones) participated in the 2014-2015 survey
- Nationally, influenza vaccine uptake among all categories of hospital HCWs was 23.4% based on 45 complete returns
- Uptake varied by HSE region (range 13.3%-30.6%)
- Highest uptake was reported in Dublin Mid-Leinster
- At national level, uptake varied by HSE staff category (17.1-36.4%), the highest uptake was reported among 'medical and dental' professionals and lowest among 'nursing' staff

Table A. Influenza vaccine uptake hospital HCWs by HSE Region/staff category and season (n=21 hospitals only that provided completed returns in each survey over the past four seasons)

HSE Region	2014-2015	2013-2014	2012-2013	2011-2012
Dublin Mid-Leinster	30.1	26.0	21.8	19.3
Dublin North-East	38.5	41.3	30.7	27.4
South	12.2	14.1	9.6	9.9
West	17.9	16.0	10.8	11.3
HSE Grade Category				
General Support Staff	28.3	25.9	27.1	21.2
Health & Social Care Professionals	29.3	30.4	21.0	25.3
Management & Administration	27.8	26.5	20.7	20.4
Medical & Dental	44.0	36.3	25.9	24.1
Nursing	20.8	20.0	14.9	12.4
Other Patient & Client Care	27.7	27.6	24.3	18.0
Total (All Staff)	27.3	25.6	20.0	18.2

Influenza Vaccine Uptake in LTCFs, 2014-2015 (n=91 LTCFs)

- 41.7% (101/242 known LTCFs) participated in the 2014-2015 survey
- Nationally, influenza vaccine uptake among LTCF HCWs was 25.7% based on 91 complete returns
- Uptake varied by HSE region (range 17.0%- 36.1%)
- Highest uptake was reported in Dublin North-East
- At national level, uptake varied by HSE staff category (range 22.8%-41.5%); the highest uptake was in the 'medical and dental' category and lowest among 'general support' staff

Table B. Influenza vaccine uptake in LTCF HCWs by HSE Region/staff category and season (n=21 LTCFs only that provided completed returns in each survey over the past four seasons)

HSE Region	2014-2015	2013-2014	2012-2013	2011-2012
Dublin Mid-Leinster	27.8	24.3	21.9	33.8
Dublin North-East	47.6	36.3	34.0	22.2
South	26.8	27.0	9.1	28.9
West	35.1	19.0	21.5	11.9
HSE Grade Category				
General Support Staff	30.5	26.0	21.4	18.3
Health & Social Care Professionals	29.1	51.0	18.0	16.2
Management & Administration	35.1	13.6	30.6	28.6
Medical & Dental	84.2	25.0	40.0	16.0
Nursing	36.3	31.6	24.1	28.0
Other Patient & Client Care	34.5	31.3	17.8	27.3
Total (All Staff)	34.3	27.7	21.7	25.2

Introduction

This fourth annual report summarises the uptake of seasonal influenza vaccine in 2014-2015 amongst healthcare workers (HCWs) in HSE-funded hospitals and long term care facilities (LTCFs) (LTCFs include 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 a vital 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, 88 influenza-related general outbreaks in healthcare settings (hospitals and residential units) were notified in Ireland, with 1,386 cases and 20 deaths reported.

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 28st November 2014 an amended protocol based on measuring uptake of the influenza vaccine during the 2014-2015 season was finalised. This protocol was originally developed by HSE partners (National Hospitals Office, representatives from occupational health physicians, National Immunisation Office (NIO) and the HPSC). On the 4th December 2014, the updated protocol was circulated to known influenza coordinators, directors and CEOs in both acute hospitals and LTCFs and also to HSE area managers.

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 separate link to the online forms was emailed to the influenza coordinators/named contacts in 59 hospitals (six of which are privately funded) and 242 LTCFs* on the 4th December 2014. Each coordinator was asked to complete the form using aggregate uptake data relating to the previous three months, from October to December. 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 was included in the attached protocol.

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

V1.4

On 27th April 2015, further requests for cumulative seasonal uptake figures were made with links to the new online survey forms.

Over the course of the 2014-2015 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 on 6th March 2015. For the end-of-season analyses, aggregate data relating to vaccination uptake October 2014-April 2015 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. The significance level was fixed at 0.05.

Results

Hospitals

Hospital participation

For the 2014-2015 season, a total of 59 hospitals (including six private hospitals) were identified as eligible for inclusion in the survey, 48 (81.3%) of which participated and responded by providing data at least once during this period of time. Twelve hospitals (25%) submitted their final cumulative seasonal figures up until the end of December and 36 (75%) at the end of April/beginning of May. It is only since 2013-2014 influenza season that private hospitals have participated in the seasonal survey. Two of the 48 participating hospitals in the 2014-2015 season were privately funded.

Levels of participation by eligible hospitals by HSE region over the previous four seasons are presented in Figure 1. Participation by hospitals has been largely influenced by 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 and also to the closure of one hospital in 2012-2013 (St Mary's Orthopaedic Hospital, Gurranebraher, Cork).

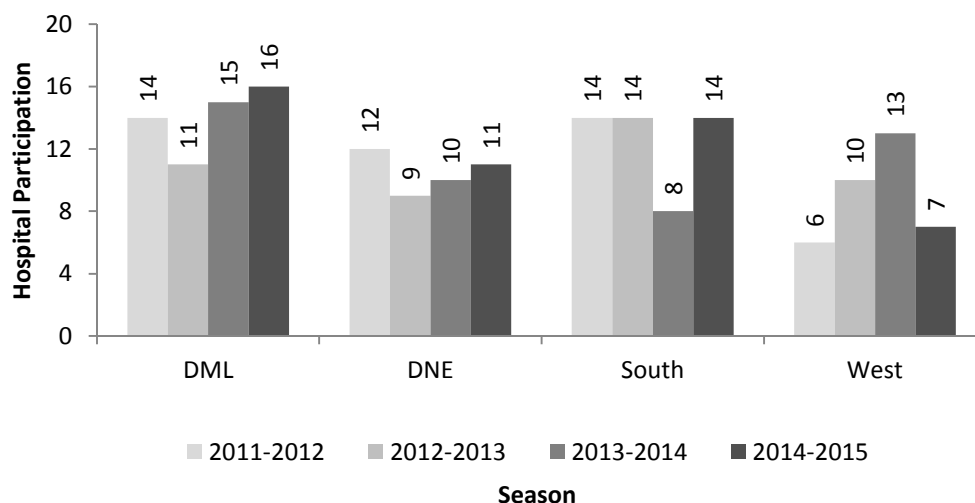


Figure 1. Number of participating eligible hospitals by HSE region and season in 2011-2012 (46/54=85.2%), 2012-2013 (44/53=83.0%), 2013-2014 (46/59=78.0%) and 2014-2015 (48/59=81.3%)

In the 2014-2015 season, 47 of the 48 (97.9%) participating hospitals provided details of both eligible and vaccinated staff numbers. These included Cavan and Monaghan General Hospitals, but they provided only a combined, overall aggregate uptake figure (11.4%), a figure which was excluded from the national hospital HCW uptake presented in this survey. Four hospitals provided details of whole time equivalent (WTE) staff figures rather than the *actual* number of eligible staff, but were included in the analyses. In contrast, all 46 participating hospitals in 2013-2014 provided details of both eligible and vaccinated staff, but in the 2012-2013 and 2011-2012 seasons, 35 out of 44 (79.5%) and 42 out of 45 (93.3%) of participating hospitals provided these figures, respectively.

Hospital staff vaccine uptake

In 2014-2015, overall influenza vaccine uptake for all hospital staff in 45 hospitals was 23.4%. In the 21 hospitals that provided complete returns in each of the previous four seasons, hospital staff

uptake was 27.3% in 2014-2015, and represents a continuation of an upward trend since 2011-2012. Further details on these 21 hospitals by season are presented in Table 1. Details of staff uptake by the 48 individual hospitals in 2014-2015 are presented in Appendix 2.1. Four out of the 45 hospitals in 2014-2015 that provided complete returns (8.9%) exceeded the 40% national uptake target, compared to two (4.3%) of the 46 hospitals in the previous season. Details of overall staff uptake in each hospital in all four seasons are presented in Appendix 2.2.

Table 1. Details of the vaccine uptake among hospital-based HCWs by season (n=21 hospitals)[†]

Season	No. Eligible Staff	No. Vaccinated Staff	% Uptake	% Uptake 95% CIs
2011-2012	30938.93	5618	18.2	17.7-18.6
2012-2013	30393.21	6085	20.0	19.6-20.5
2013-2014	30618.6	7842	25.6	25.1-26.1
2014-2015	32184.88	8784	27.3	26.8-27.8

Among the 45 responding hospitals during 2014-2015 the uptake was highest in Dublin Mid-Leinster (30.6%) and the lowest in the South (13.3%). Figure 2 present the uptake details in all 21 hospitals that provided complete returns over the past four seasons by HSE Region; only in Dublin North-East and the West have uptake levels increased consistently each season. Details of staff uptake numbers during 2014-2015 across all four HSE Regions are shown in Appendix 3.1 and across all eight HSE Areas in Appendix 3.2.

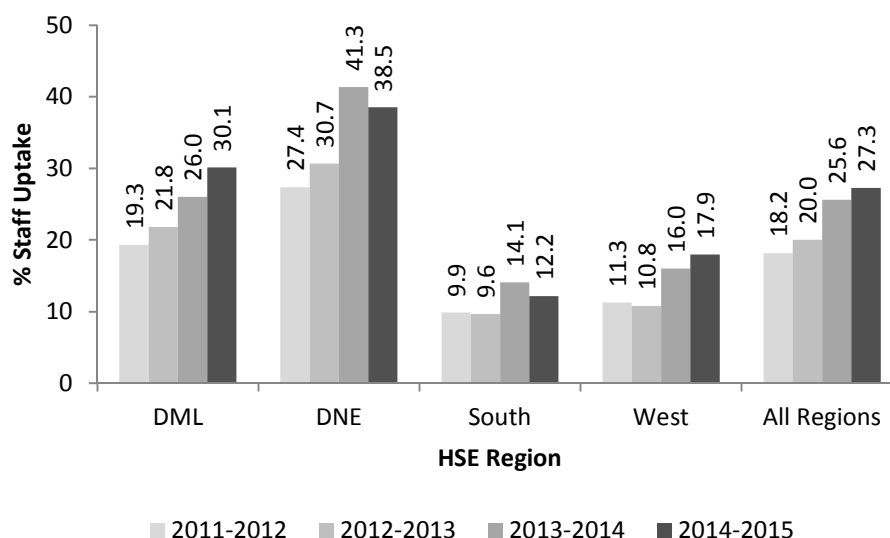


Figure 2. Hospital staff uptake by HSE Region by season (n=21 hospitals)[†]

Details of the uptake among hospital staff grades in 2014-2015 are presented in Appendix 4. Between 2013-2014 and 2014-2015 uptake in the 21 reporting hospitals increased among medical and dental professionals (+7.7%), general support staff (+2.3%), management and administration (+1.3%), nursing staff (+0.8%) and other patient and client care staff (0.1%), but declined among health and social care professionals (-1.1%) (Figure 3). Only the increases in uptake among medical and dental professionals and general support staff were statistically significant, as was the overall increase (+1.7%).

[†] Results based on complete returns consisting of eligible and vaccinated staff numbers by HSE grade in 21 hospitals that reported back in each survey over the past four seasons

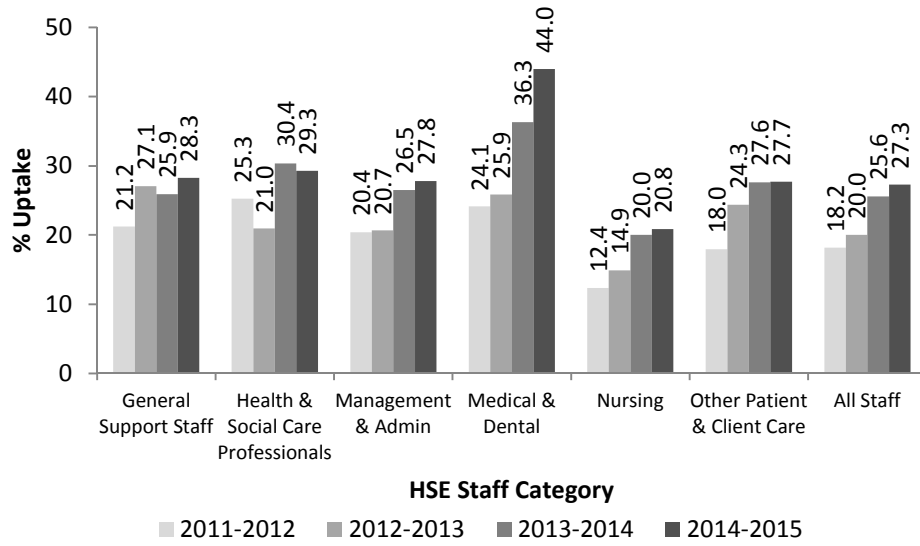


Figure 3. Hospital staff uptake by HSE grade category by season (n=21 hospitals)[‡]

[‡] Results based on complete returns consisting of eligible and vaccinated staff numbers by HSE grade in 21 hospitals that reported back in each survey over the past four seasons

Long term care facilities (LTCFs)

LTCF participation

A total of 236 LTCFs were initially targeted for inclusion in the survey. During the course of the season, some LTCFs were reported as closed since the previous season, (n=6), and an additional six LTCFs were identified. Therefore, a total of 242 LTCFs were eligible for inclusion, of which 101 LTCFs (41.7%) submitted data at least once. During the previous 2013-2014, 2012-2013 and 2011-2012 seasons, 131 of 242 (54.1%), 183 out of 205 (89.3%) and 120 of 157 (76.4%) LTCFs, respectively, participated in the surveys.

In 2014-2015, of the 101 LTCFs that submitted data, 74 LTCFs (73.3%) submitted cumulative data only once, up until the end of December 2014. Twenty-seven (26.7%) submitted cumulative data at the end of April or early May.

Of the 101 participating LTCFs in 2014-2015, 91 (90.1%) provided details of both eligible and vaccinated staff numbers (i.e. 10 LTCFs did not provide complete returns). One LTCF provided details of whole time equivalent (WTE) values instead of the *actual* number of eligible staff. In 2013-2014, 2012-2013 and in 2011-2012, 117 LTCFs of 131 (89.3%), 137 out of 183 (74.9%) and 70 of 120 (58.3%) respectively, provided these same details.

LTCF participation by HSE Region over the previous four seasons is presented in Figure 4. The overall reduction in participation by LTCFs during the most recent season from 131 in 2013-2014 to 101 in 2014-2015 is largely due to reductions in the South and West regions.

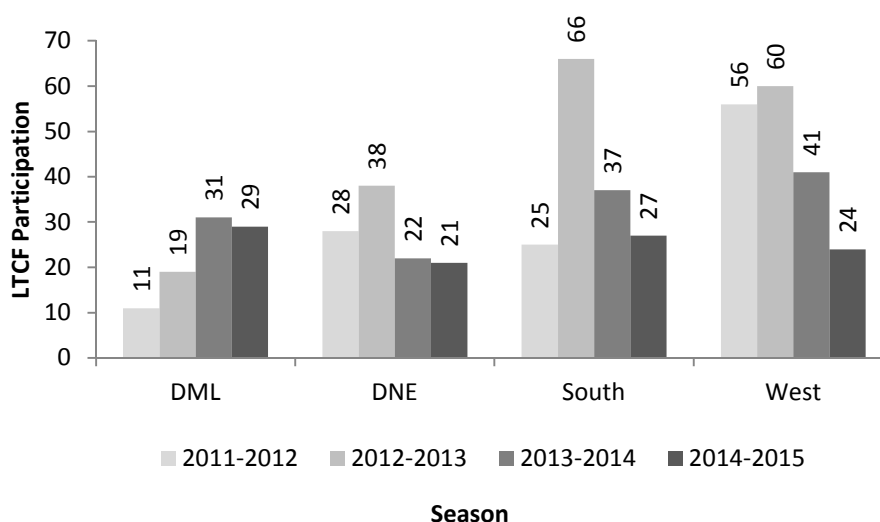


Figure 4. Number of participating eligible LTCFs by HSE region and season in 2011-2012 (120/157=76.4%), 2012-2013 (183/205=89.2%), 2013-2014 (131/242=54.1%) and 2014-2015 (101/242=41.7%)

LTCF staff vaccine uptake

In 2014-2015, overall influenza vaccine uptake for all staff in 91 LTCFs was 25.7%. In the 21 LTCFs that provided complete returns in each of the previous four seasons, LTCF staff uptake was 34.3% in 2014-2015, and represents a continuation of an upward trend since 2012-2013. Further details on these same 21 LTCFs by season are presented in Table 2. Details of staff uptake by the 101 individual

LTCFs in 2014-2015 are shown in Appendix 5.1. Twenty-four (26.4%) of 91 LTCFs in 2014-2015 exceeded the 40% national uptake target, compared to 24 (21.4%) of the 117 LTCFs in the previous season. Details of overall staff uptake in all LTCFs over the previous four seasons are presented in Appendix 5.2.

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

Season	No. Eligible Staff	No. Vaccinated Staff	% Uptake	% Uptake 95% CIs
2011-2012	1397	352	25.2	22.9-27.5
2012-2013	1405	305	21.7	19.6-23.9
2013-2014	1533	425	27.7	25.5-30.0
2014-2015	1456	500	34.3	31.9-36.8

During the 2014-2015 season, the highest uptake was in Dublin North-East (36.1%) with the lowest in the South (17.0%). Figure 5 present the uptake details in all 21 LTCFs that provided complete returns over the past four seasons by HSE Region; only in Dublin North-East have uptake levels increased consistently each season. Details of the staff uptake numbers during the 2014-2015 season across all four HSE Regions are shown in Appendix 6.1 and that of the eight HSE Areas in Appendix 6.2.

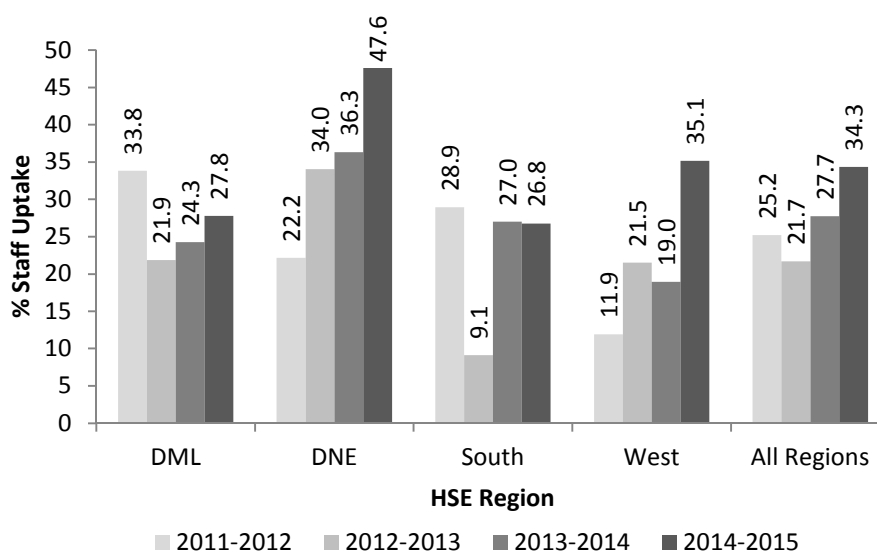


Figure 5. LTCF staff uptake by HSE staff uptake by HSE Region by season (n=21 LTCFs)[§]

Details of the uptake among LTCF staff grades in 2014-2015 are presented in Appendix 7. Between 2013-2014 and 2014-2015 uptake in the 21 reporting LTCFs increased uptake across all staff grades with the exception of health and social care professionals: medical and dental staff (+59.2%), management and administration staff (+21.5%), nursing (+4.7%), general support staff (+4.6%) and other patient and client care professionals (+3.3%). A reduction in uptake among health and social care professionals (-21.9%) was also observed (Figure 6). Only the changes in uptake among medical and dental professionals, management and administration and health and social care professionals were statistically significant.

[§] Results based on complete returns consisting of eligible and vaccinated staff numbers by HSE grade in 21 LTCFs that reported back in each survey over the past four seasons

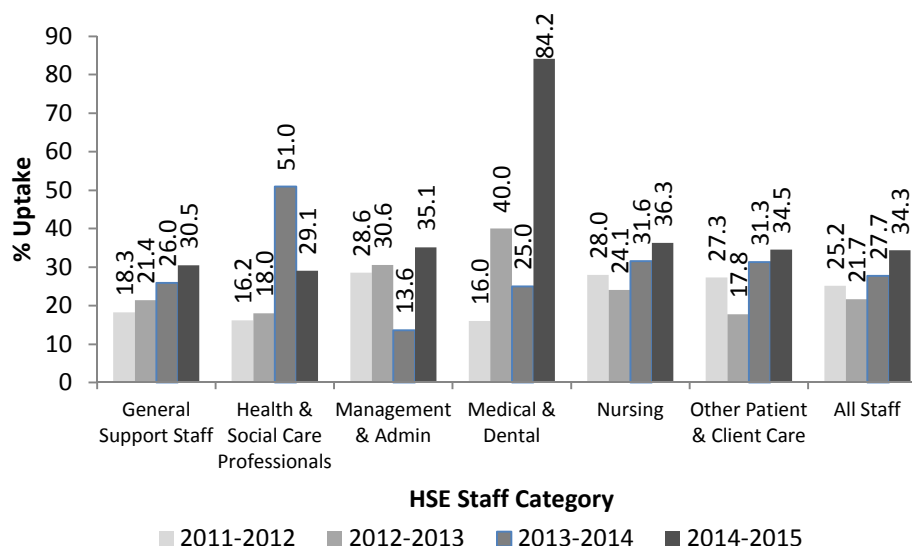


Figure 6. LTCF staff uptake by HSE grade category by season (n=21 LTCFs)**

Long stay residents

Among the 21 reporting LTCFs the average number of long stay beds per unit reported decreased slightly between 2013-2014 and 2014-2015 from 40.9 to 39.6, but the average number of long stay residents since the beginning of the each season increased from 34.2 to 41.2. Uptake among long stay residents since the beginning of the season, however, decreased from 99.6% in the previous season to 89.8% in 2014-2015 (Appendix 8).

Respite residents

The average number of respite residents rose from 29.4 to 41.2 between 2013-2014 and 2014-2015 in the 21 reporting LTCFs. In addition, the percentage of respite residents vaccinated prior to admission over this same period increased from 19.7% to 23.9% (Appendix 8). Over the same period, the percentage of respite residents vaccinated in-house also rose from 21.5% to 30.1%. During 2014-2015, 21 LTCFs (i.e. not just those who have reported consistently over the past four seasons) had a policy in place recommending vaccination of respite residents prior to their admission to the facility, (Appendix 9.1).

Staff vaccination policy

The number of LTCFs that reported having a staff vaccination policy was low, with nine LTCFs reporting such a policy during 2014-2015 (Appendix 9.2). Staff uptake in eight of these nine LTCFs (reporting both eligible and vaccinated staff numbers) was 27.4% (n=365/1330), slightly higher than the 25.5% (n=2374/9328) reported by the remaining 83 LTCFs, a 2% difference that was not statistically significant.

** Results based on complete returns consisting of eligible and vaccinated staff numbers by HSE grade in 21 LTCFs that reported back in each survey over the past four seasons

Discussion

Changes since previous season

The findings of this fourth annual report reflect a number of key points. Firstly, there has been a small increase in uptake from 25.6% to 27.3%, between 2013-2014 and 2014-2015 among HCWs in 21 hospitals that reported figures consistently in each season and from 27.7% to 34.3% among HCWs in 21 similar reporting LTCFs. Other improvements include the increased uptake across most categories of staff in both the same 21 hospitals and 21 LTCFs (except health and social care professionals).

Secondly, there has been a decrease in participation by hospitals in some HSE regions; among the 13 eligible hospitals in the HSE West Region participation declined from 13 to seven (a fall of 46.2%) between 2013-2014 and 2014-2015. There was also a marked reduction in the number of participating LTCFs falling from 131 to 101 at the same time.

Thirdly, there has been a decline in uptake among long term residents among the 21 reporting LTCFs; the overall percentage of long stay residents vaccinated since the start of each season fell from 99.6% to 89.8%. However, the overall percentage of respite residents vaccinated prior to admission since the beginning of each season rose from 19.7% to 23.9%. At the same time, there was an increase in the overall percentage of respite residents vaccinated in-house from 21.5% to 30.1%

Despite considerable engagement between HSE, HPSC, Departments of Public Health, Occupational Health Departments, and the contact points and nominated agents/contacts in hospitals and LTCFs, as well as engagement between HSE and the Professional bodies, only modest uptake gains were observed during 2014-2015, most of which were confined to LTCFs only. The poor results in reported uptake of seasonal influenza vaccination highlights that there are considerable challenges that need to be identified and addressed if uptake is to improve. With the overall uptake in the 45 hospitals (23.4%) and 91 LTCFs (25.7%) in 2014-2015 this is very much below the 40% national target set by HSE for the 2014-2015 season. It also means that reaching the 75% target for influenza vaccination coverage in all at-risk groups, including HCWs, as recommended by the European Council in December 2009, will be even more of a challenge [1].

Of the influenza-related outbreaks in health care settings reported to the HPSC's Computerized Infectious Disease Reporting (CIDR) system, 88 occurred between January and April of this year, with 1,358 cases and 20 deaths reported and in which at least nine (10.2%) of the outbreaks had sick staff reported. A similar level of activity was during the same period in 2014 when 62 influenza outbreaks occurred with 1,048 cases, 31 deaths and in which at least 23 (37.1%) HCWs were reported ill.

Improvements in uptake among a minority of hospitals and LTCFs must be acknowledged. Four hospitals and 24 LTCFs reached the 40% staff vaccination target during 2014-2015. This is an increase on the previous season and is a positive development. Reasons for relatively poor uptake in many hospitals and LTCFs were not sought in the survey and therefore it is not possible to comment on why low levels of uptake continue to be reported.

Despite the different organisational structures observed in hospitals compared to LTCFs, it is noteworthy that in four annual surveys, similar uptake levels have been 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. In contrast, LTCFs are less likely to have such services readily available to them. The lack of site specific vaccination policies in LTCFs, despite the updating of national recommendations in September 2013 is also of concern (2-4). The absence of such policies may reflect lack of awareness at senior management level about the value of having such policies that support infection control and reduce the risk of outbreaks and disease among their residents.

A standard HSE vaccination policy that is specified to senior management is required to address low levels of staff vaccination, including the need to monitor staff vaccination uptake, and a requirement to report vaccination uptake among staff to management. There is a need to have in place systems to regularly update staff records with details of vaccination status, adopting declination forms or making vaccination a requirement of employment. However, for staff vaccination uptake to improve markedly, the implementation of such a policy requires the support of management locally. It should also be required that management in both (publicly-funded) hospitals and LTCFs report uptake figures each season. To raise uptake levels significantly will need considerably more resources to educate and promote vaccination and actively monitor and address local misinformation and other obstacles, including access, that prevent achievement of this goal. The current HSE position is that influenza vaccination is recommended for all, but is not mandatory.

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 2014-2015 season, influenza vaccine uptake among frontline HCWs was 54.9% compared with 54.8 % 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 29-November 12, 2014. Early season 2014-2015 influenza vaccination coverage among HCWs was 64.3%, similar to the 62.9% coverage reported by early season 2013-2014. Vaccination coverage among HCWs was found to be highest in hospitals (78.7%) and lowest in LTCFs (54.4%). In the same study, influenza vaccination coverage was found to be higher among HCWs whose employers required (85.8%) or recommended (64.8%) vaccination compared to 43.4% of HCWs who did not (6).

Vaccination uptake among overall HCWs were reported by 13 member states as part of the European Union-funded Venice study in 2012-2013 (7). A wide range of uptakes levels was reported (9.5% to 75%) with the highest uptake reported by England (45.6%), Romania (42%) and Lithuania (36.6%). Apart from Ireland, the only other member state that reported staff uptake in LTCFs was Portugal with an uptake of 27% (7).

Strengths and limitations of data

Among the key strengths of the current survey was the fact that most participating hospitals continue to provide details of both eligible and vaccinated staff numbers to allow vaccine uptake to be calculated.

In the LTCF setting, the data reported 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 (2).

Estimates of influenza uptake presented here also include incomplete data relating to ten LTCFs, (9.8% of the total). In addition, a small number of hospitals ($n=5/45=11.1\%$) and LTCFs ($1/92=1.1\%$) units provided WTE details during the 2014-2015 season rather than *actual* numbers of staff (as requested in the circulated protocols), thereby potentially inflating somewhat reported uptake figures.

As was the case in previous seasons, the data provided for the 2014-2015 season is the data provided by all occupational health departments (hospitals) and LTCF management. How well this accurately reflects uptake of HCWs employed in their units is unclear. The data reported may underestimate the uptake, especially if substantial numbers of HCWs were vaccinated outside the occupational health service. Although some staff may have sought influenza vaccination from a GP or local pharmacy (for convenience purposes) the extent to which this may have occurred is considered to be 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 2014/2015 season

One hospital and one LTCF each reported that some private occupational health services (companies) conducted staff vaccinations on their behalf. This meant that for reasons of confidentiality and/or information not being collected on the consent form, details of the categories of staff that availed of this service were not available for reporting. Another large hospital in the Mid-West area reported that due to a lack of resources, information on individual vaccination forms could not be loaded on to the local database to extract the figures necessary for this season's survey.

Whether international reports of vaccine effectiveness in the 2014-2015 season (8, 9) had an impact on vaccination uptake is not known, but could have been a factor and was cited by one respondent.

Another issue that emerged was how long term should agency staff be defined and under what criteria, if any, should they be included in reported figures.

High throughput of respite clients was also identified as an issue by the LTCFs as it meant that for some LTCFs it was very difficult to obtain vaccination status details on these individuals.

Finally, because nurses account for the highest aggregate number of HCW category of staff, but have been identified as having low uptake of the seasonal influenza vaccine, the impact of this group on decreasing the average uptake is sizable.

Recommendations

Many of the recommendation listed below have been made in the previous seasonal report, but are re-iterated here:

- A number of international studies have investigated the potential impact of a number of intervention strategies to boost vaccine and include; the following 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 it is recommended that further work is done to identify reasons for variation in

vaccination coverage across the hospitals/facilities, health professionals and regions and to identify successful strategies that have led to improved uptake in some hospitals and LTCFs.

- 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
- At a local level, key people need to be identified, supported and given the time to implement changes required to improve vaccination coverage among local staff. Policies or recommendations without adequately resourced implementation plans are of little value.
- Each health care setting (Hospital or LTCF) requires information systems that will enable monitor staff vaccination and enable reporting to HSE -HPSC
- 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 equally important as hand hygiene
- Cost effective solutions for collecting information at a local level should be identified. Information systems at a local level are required to collate the information relating to vaccination of staff (for both hospitals and LTCFs) and residents (for LTCFs). Without IT systems in place to collate HCW vaccination data, the feasibility of identifying staff in need of vaccination and reporting on uptake becomes a burden to the facilities
- An improved national IT solution with necessary staffing is needed to make reporting and analysis of data more efficient
- Resources are required at local, regional and national level to drive forward standard policies and practices and invest in this project if the targets are to be met. Without such investment and support the value of the continued efforts to monitor vaccination coverage are questionable.

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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 2014-April 2015). 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 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 2014 to end April/early May 2015-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 Dental

Number 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

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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 1.2. LTCF-based online survey form**Page 1**

Seasonal Influenza Vaccine Uptake, for staff and residents in HSE long term care residential services 2014-2015 Season.

Definitions: Long stay residents are defined as those who have been resident since beginning of influenza season (October 2014); 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 2014-31st April 2015 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 2014**)

--

10) **Vaccinations**

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

--

11) Number of all Long Stay Residents vaccinated **since October 1st 2014**

--

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 2014, (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, 2014

--

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

17) Part 2 - Influenza Vaccination Uptake - staff (excluding agency staff)

NOTE - Please report only on staff who have been working in unit since beginning October 1st, 2014

- 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 Administration
 Number **Eligible staff**

18) Management and Administration
 Number of **vaccinated staff**

19) Medical and Dental
 Number of **Eligible Staff**

20) Medical and Dental
 Number of **Vaccinated Staff**

21) Nursing
 Number of **Eligible Staff**

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	



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



For any queries or comments please contact:
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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 2.1 Seasonal Influenza Vaccine Uptake by Individual Hospital, 2014-2015

(n=48)

Hospital	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
National Rehabilitation Hospital, Dún Laoghaire, Co. Dublin	446	212	47.5
Beaumont Hospital	3443	1509	43.8
Coombe Women's Hospital	849	354	41.7
Naas General Hospital	659.48	271	41.1
St Vincent's University Hospital	2729	1029	37.7
Children's University Hospital, Temple Street	1287	472	36.7
Rotunda Hospital	885	310	35.0
St Luke's Hospital, Dublin	561	194	34.6
St Michael's Hospital, Dun Laoghaire	431	144	33.4
St James's Hospital	4221	1354	32.1
Adelaide & Meath & National Children's Hospital, Tallaght	2991	953	31.9
Connolly Hospital, Blanchardstown	1097	333	30.4
St Columcille's Hospital, Loughlinstown	458	132	28.8
Royal Victoria Eye & Ear Hospital, Dublin	323	88	27.2
National Maternity Hospital, Holles Street	723.85	169	23.3
Mayo General Hospital, Castlebar	1142	254	22.2
Midland Regional Hospital Mullingar	836	185	22.1
Our Lady's Hospital for Sick Children, Crumlin	1905	420	22.0
Portiuncula Hospital, Ballinasloe	738	157	21.3
Clontarf Hospital, Dublin	242	50	20.7
Letterkenny General Hospital	1671	336	20.1
Cappagh National Orthopaedic Hospital, Dublin	378	75	19.8
St John's Hospital, Limerick	319	57	17.9
Midland Regional Hospital Tullamore	1049	186	17.7
Cork University Hospital Group	4001	655	16.4
South Tipperary General Hospital, Clonmel	861	137	15.9
Midland Regional Hospital Portlaoise	689	106	15.4
University College Hospital Galway	3594	535	14.9
Sligo General Hospital	1636	243	14.9
South Infirmary - Victoria University Hospital, Cork	889	125	14.1
Roscommon County Hospital	309	43	13.9
St. Luke's General Hospital, Kilkenny	1094	140	12.8
Wexford General Hospital	1060	128	12.1
Bantry General Hospital	237.88	28	11.8
Kerry General Hospital, Tralee	914	89	9.7
Waterford Regional Hospital (now called Waterford University Hospital)	2725	252	9.2
St. Dymphna's Hospital, Carlow	156	12	7.7
Our Lady's Hospital, Cashel	34	2	5.9
St. Canice's Hospital, Kilkenny	287	11	3.8
Louth County Hospital, Dundalk	318	12	3.8
Our Lady's Hospital, Navan	443.01	8	1.8
Our Lady Of Lourdes Hospital, Drogheda	1915	27	1.4
Lourdes Orthopaedic Hospital, Kilcreene, Kilkenny	89	1	1.1
Aut Even Hospital, Freshford Road, Kilkenny (private)	274	101	36.9
Hermitage Medical Clinic, Old Lucan Road, Dublin 20 (private)	414	107	25.8
Cavan General Hospital & Monaghan General Hospital*	884	101	11.4
Mercy University Hospital, Cork	N/A	165	N/A
Total	51324.22	12006	23.4
Average	1109.2	236.5	19.6
Total including Cavan/Monaghan General Hospitals	52208.2	12107.0	23.2
Total excluding Cavan/Monaghan General Hospitals and Private Hospitals	50636.2	11798.0	23.3

N/A not available; * Cavan and Monaghan General Hospitals provided a combined aggregate uptake; Total uptake of 23.4% excludes uptake figures from Mercy Hospital (incomplete) and Cavan/Monaghan General Hospitals (aggregate reported figures only)

Appendix 2.2. Seasonal Influenza Vaccine Uptake by Individual Hospital and Season

*The 21 hospitals that reported back in each survey over the past four seasons are highlighted at the top of the table

Hospital	2011-2012	2012-2013	2013-2014	2014-2015
Adelaide & Meath & National Children's Hospital, Tallaght	13.2	15.6	20.7	31.9
Bantry General Hospital	5.1	8.8	6.2	11.8
Beaumont Hospital	29.7	38.8	45.9	43.8
Cappagh National Orthopaedic Hospital, Dublin	16.7	16.9	24.9	19.8
Children's University Hospital, Temple Street	31.6	25.5	43.4	36.7
Connolly Hospital, Blanchardstown	20.1	17.8	30.6	30.4
Coombe Women's Hospital	16.2	12.9	28.6	41.7
Kerry General Hospital, Tralee	7.0	8.9	13.3	9.7
Letterkenny General Hospital	10.8	9.6	15.1	20.1
Mayo General Hospital, Castlebar	5.0	7.7	15.7	22.2
Midland Regional Hospital Mullingar	16.5	23.1	18.1	22.1
Midland Regional Hospital Portlaoise	11.5	20.7	11.7	15.4
Midland Regional Hospital Tullamore	14.9	15.3	16.9	17.7
Our Lady's Hospital for Sick Children, Crumlin	23.9	21.5	19.2	22.0
Portiuncula Hospital, Ballinasloe	20.4	20.2	18.1	21.3
South Infirmary - Victoria University Hospital, Cork	15.3	11.0	16.3	14.1
St James's Hospital	21.4	30.5	32.2	32.1
St Michael's Hospital, Dun Laoghaire	33.8	32.4	32.1	33.4
St Vincent's University Hospital	23.5	21.1	37.9	37.7
St. Luke's General Hospital, Kilkenny	10.6	9.5	15.6	12.8
University College Hospital Galway	11.4	10.1	16.1	14.9
Aut Even Hospital, Freshford Road, Kilkenny	.	.	37.3	36.9
Bon Secours Hospital, Renmore, Galway	.	.	20.3	.
Cavan General Hospital	21.0	8.3	17.3	.
Clontarf Hospital, Dublin	22.0	.	22.7	20.7
Cork University Hospital Group	.	13.5	19.6	16.4
Hermitage Medical Clinic, Old Lucan Road, Dublin 20	.	.	27.9	25.8
Lourdes Orthopaedic Hospital, Kilcreene, Kilkenny	.	3.5	2.6	1.1
Louth County Hospital, Dundalk	40.0	.	.	3.8
Mallow General Hospital	.	10.5	14.8	.
Mater Misericordiae University Hospital	23.0	.	30.4	.
Mater Private Hospital	.	.	33.4	.
Mercy University Hospital, Cork	10.4	11.5	.	.
Mid-Western Regional Hospital Ennis	.	.	7.6	.
Mid-Western Regional Hospital Nenagh	.	.	5.3	.
Mid-Western Regional Hospital, Dooradoyle, Limerick	.	.	14.6	.
Mid-Western Regional Maternity Hospital, Limerick	.	.	5.4	.
Mid-Western Regional Orthopaedic Hospital, Croom	.	.	11.3	.
Monaghan General Hospital	30.0	5.3	12.2	.
Naas General Hospital	29.1	.	23.8	41.1
National Maternity Hospital, Holles Street	14.0	.	28.0	23.3
National Rehabilitation Hospital, Dún Laoghaire, Co. Dublin	.	.	.	47.5
Our Lady Of Lourdes Hospital, Drogheda	12.7	.	.	1.4
Our Lady's Hospital, Cashel	.	7.9	.	5.9
Our Lady's Hospital, Navan	31.7	.	.	1.8
Roscommon County Hospital	.	7.4	17.7	13.9
Rotunda Hospital	39.2	.	32.5	35.0
Royal Victoria Eye & Ear Hospital, Dublin	24.6	.	21.1	27.2
Sacred Heart Hospital, Carlow	10.7	.	.	.
Sligo General Hospital	.	.	17.3	14.9
South Tipperary General Hospital, Clonmel	9.4	8.1	.	15.9
St Columcille's Hospital, Loughlinstown	.	28.4	30.2	28.8
St John's Hospital, Limerick	.	.	25.6	17.9
St Luke's General Hospital, Clonmel	4.7	.	.	.
St Luke's Hospital, Dublin	26.9	.	31.1	34.6
St. Canice's Hospital, Kilkenny	8.8	5.3	.	3.8
St. Columba's Hospital, Thomastown, Kilkenny	4.0	.	.	.
St. Dymphna's Hospital, Carlow	7.2	7.8	.	7.7
Waterford Regional Hospital (now called Waterford University Hospital)	9.2	8.5	.	9.2
Wexford General Hospital	6.8	5.9	.	12.1

Appendix 3.1. Seasonal Influenza Vaccine Uptake in Hospitals by HSE Region, 2014-2015

(n=45)

HSE Region	No. of Hospitals	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Dublin Mid-Leinster	16	19285.33	5904	30.6
Dublin North-East	9	10008.01	2796	27.9
South	13	12621.88	1681	13.3
West	7	9409	1625	17.3
Total*	45	51324.22	12006	23.4

*Total excludes uptake figures from Mercy Hospital (incomplete) and Cavan/Monaghan Hospitals (aggregate reported figures only)

Appendix 3.2. Seasonal Influenza Vaccine Uptake in Hospitals by HSE Area, 2014-2015

(n=45)

HSE Area	No. of Hospitals	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
East	19	24043.33	8176	34.0
Midlands	3	2574	477	18.5
Mid-West	2	1180	194	16.4
North-East	3	2676.01	47	1.8
North-West	2	3307	579	17.5
South	4	6041.88	897	14.8
South-East	8	5719	647	11.3
West	4	5783	989	17.1
Total	45	51324.22	12006	23.4

*Total excludes uptake figures from Mercy Hospital (incomplete) and Cavan/Monaghan Hospitals (aggregate reported figures only)

Appendix 4. Seasonal Influenza Vaccine Uptake in Hospitals by HSE Staff Grade Category, 2014-2015

(n=45)

HSE Grade Category	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
General Support Staff	5801.9	1436	24.8
Health & Social Care Professionals	6139.1	1825	29.7
Management & Administration	8203.3	1912	23.3
Medical & Dental	6348.2	2309	36.4
Nursing	21108.2	3600	17.1
Other Patient & Client Care	3723.5	924	24.8
Total*	51324.2	12006	23.4

*Total excludes uptake figures from Mercy Hospital (incomplete) and Cavan/Monaghan Hospitals (aggregate reported figures only)

Appendix 5.1 Seasonal Influenza Vaccine Uptake by Individual LTCF, 2014-2015

(n=101)

Long Term Care Facility Name	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
St. Rosalie's, Convent Lane, Portmarnock, Co. Dublin	28	27	96.4
Greystones Nursing Home, Church Road, Greystones, Co. Wicklow	56	48	85.7
Regina House Community Nursing Unit	70	54	77.1
Oghill Nursing Home, Oghill, Monasterevin, Co. Kildare	56	35	62.5
Raheny Community Nursing Unit, Dublin 9	135	84	62.2
Lusk Community Unit, Lusk, Co. Dublin	61	37	60.7
Seanchara Community Unit, Dublin 11	41	24	58.5
Connolly Hospital (Sycamore Psychiatry of Old Age Unit), Dublin 15	28	15	53.6
St. Vincent's Centre, Navan Road, Dublin 7	236	124	52.5
St. Clare's Home, Dublin 9	54	28	51.9
St. Patrick's Hospital, Cashel, Co. Tipperary	145	73	50.3
Children's Sunshine Home, Leopardstown Road, Dublin 18	86	43	50.0
Birr Community Nursing Unit, Birr, Co. Offaly	78	38	48.7
St. Finbarr's Hospital, Cork, Co. Cork	203	96	47.3
Kanturk Community Hospital, Kanturk, Co. Cork	56	26	46.4
Dublin South East HSE Units - Clonskeagh Hospital (Amalgamated return for Sir Patrick Dunn's, St. Broc's and Clonskeagh), Dublin 6	122	56	45.9
Leopardstown Park Hospital, Dublin 18	222	99	44.6
Midleton Community Hospital and Long Stay Unit (Our Lady of Lourdes), Midleton, Co. Cork	61	27	44.3
Carndonagh Community Hospital, Caradonagh, Co. Donegal	72	31	43.1
Shiel Community Hospital, Ballyshannon, Co. Donegal	31	13	41.9
Baltinglass District Hospital, Baltinglass, Co. Wicklow	96	39	40.6
Dalkey Community Unit, Dalkey, Co. Dublin	42	17	40.5
Belmullet District Hospital (including Aras Deirbhile), Belmullet, Co. Mayo	42	17	40.5
Ennistymon Community Nursing Unit, Ennistymon, Co. Clare	40	16	40.0
Cill Aoibhinn Group Home, Donegal Town, Co. Donegal	24	9	37.5
Good Counsel Center, Ballyboden, Dublin 16	86	32	37.2
Cluain Mhuire Community Mental Health Service, St John of God Community Services, Stillorgan, Co. Dublin	136	50	36.8
Connolly Hospital (Silver Birch & Woodland Units), Dublin 15	43	15	34.9
Dalton Community Nursing Unit, Claremorris, Co. Mayo	33	11	33.3
Meath Community Hospital, Dublin 8	77	25	32.5
Cherry Orchard Hospital, Dublin 10	376	121	32.2
St. Vincent's Hospital, Mountmellick, Mountmellick, Co. Laois	169	52	30.8
The Royal Hospital, Dublin 4	249	75	30.1
St. Joseph's Community Hospital, Stranorlar, Co. Donegal	115	34	29.6
Our Lady's Hospice, Harold's Cross, Dublin 6W	541	152	28.1
St. Joseph's Hospital, Trim, Co. Meath	97	27	27.8
Cluain Arainn Community Nursing Unit, Co. Tipperary	29	8	27.6
Park House Supervised Residential Unit, Dungloe, Co. Donegal	11	3	27.3
Cottage Hospital, Drogheda, Co. Louth	37	10	27.0
Radharc na Sléibhte, Supervised Residential Unit, Convent Road, Carndonagh, Co. Donegal	15	4	26.7
Ballincollig Community Nursing Unit, Ballincollig, Co. Cork	92	24	26.1
St. Joseph's Centre, Daughters of Charity, Grange Road, Dublin 15	277	72	26.0
Buncrana Community Nursing Unit, Buncrana, Co. Donegal	54	14	25.9

Appendix 5.1 Continued

Long Term Care Facility Name	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
St. Brigid's Hospital, Shaen, Portlaoise, Co. Laois	52	13	25.0
St. Mary's Hospital, Mullingar (now called Cluain Lir Community Nursing Unit), Mullingar, Co. Westmeath	100	25	25.0
Kenmare Community Hospital, Kenmare, Co. Kerry	28	7	25.0
St. Mary's Hospital, Phoenix Park, Dublin 20	466	114	24.5
Boyne View House, Drogheda, Co. Louth	55	13	23.6
St. Joseph's Hospital, Ardee, Co. Louth	34	8	23.5
Rowanfield House Supervised Residential Unit, Donegal Town, Co. Donegal	17	4	23.5
Tralee Community Nursing Unit, Teile Carraig, Killerisk Road, Tralee, Co. Kerry	56	13	23.2
Greenhill Nursing Home, Carrick on Suir, Co. Tipperary	57	13	22.8
St. Mary's Hospital, Drogheda, Drogheda, Co. Louth	44	10	22.7
St. Brendan's Home, Loughrea, Co. Galway	97	22	22.7
Dean Maxwell Community Nursing Unit, Roscrea, Co. Tipperary	40	9	22.5
St. Anne's Community Nursing Home, Clifden, Co. Galway	32	7	21.9
The Marley Nursing Home, Kellystown Road, Rathfarnham, Dublin 16	163	35	21.5
Marymount Care Centre, Westmanstown, Lucan, Co. Dublin	126	27	21.4
St. Vincent's Hospital, Athy, Co. Kildare	184	38	20.7
Cherryfield Lodge, Milltown Park, Dublin 6	39	8	20.5
The Coastguards Disability Unit, 194 Lower Point Road,, Dundalk, Co. Louth	15	3	20.0
Aras Mac Dara, Carraroe, Co. Galway	67	13	19.4
Aras Mhuire Community Nursing Unit, Tuam, Co. Galway	26	5	19.2
Mount Alvernia Hospital, Mallow, Co. Cork	59	11	18.6
St. Luke's Home, Castle Road, Mahon, Cork City, Co. Cork	190	34	17.9
Killybegs Community Hospital, Killybegs, Co. Donegal	56	10	17.9
St. Louise's, Glenmaroon, Chapelizod	108	19	17.6
Muiriosa Foundation, Moore Abbey, Monasterevin, Co. Kildare (St. Kildare Services)	305	52	17.0
St. Columbanus Home incorporating Killarney Community Hospital, Killarney, Co. Kerry	154	25	16.2
Dungarvan Community Hospital - incorporating St. Joseph's Hospital and Dungarvan District Hospital (St. Vincent's) , Dungarvan, Co. Waterford	150	24	16.0
St. Vincent's Centre, Daughters of Charity Disability Support Services, Lisnagry, Limerick	551	87	15.8
St. Joseph's Care Centre, Co. Longford	191	30	15.7
Ramelton Community Nursing Unit, Ramelton, Co. Donegal	86	12	14.0
Waterford Community Care, Cork Road, Waterford City, Waterford City, Co. Waterford	1530	188	12.3
Youghal Community Hospital, Youghal, Co. Cork	57	7	12.3
West Kerry Community Hospital , Dingle, Co. Kerry	50	5	10.0
St. Colman's Hospital, Rathdrum, Rathdrum, Co. Wicklow	122	12	9.8
Belvilla Community Unit for Older Persons, Dublin 8	73	7	9.6
North Cork Mental Health Services, St. Stephens Hospital, Glanmire, Cork City, Co. Cork	65	5	7.7

Appendix 5.1. Continued

Long Term Care Facility Name	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
St. Vincent's Care Centre, Athlone, Co. Westmeath	91	6	6.6
Castlecomer District Hospital, Castlecomer, Co. Kilkenny	67	4	6.0
St. Patrick's Hospital, John's Hill, Waterford, Co. Waterford	165	7	4.2
St. Fionnan's Community Nursing Unit, Achill Island, Co. Mayo	31	1	3.2
Caherciveen Community Hospital, Caherciveen, Co. Kerry	57	1	1.8
NaDriseoga Respite Unit, Commons Road, Navan, Co. Meath	17	0	0.0
Oriel House, Co. Monaghan	26	0	0.0
Castletownbere Community Hospital (St. Joseph's), Castletownbere, Co. Cork	40	0	0.0
Dunmanway Community Hospital (St. Anthony's), Dunmanway, Co. Cork	35	0	0.0
Haywood Lodge, Community Nursing Unit, Clonmel, Co. Tipperary	46	0	0.0
Leeside, Tullamaine, Callan, Co. Kilkenny	18	0	0.0
St. Patrick's Community Hospital, Fermoy, Co. Cork	98	0	0.0
Peamount Hospital, Co Dublin	N/A	71	N/A
Riada House Community Unit, Tullamore, Co. Offaly	N/A	6	N/A
Beaufort House, Navan Community Health Unit, Athboy Road, Navan, Co. Meath	62	N/A	N/A
Ballyconnel Community Services (Breffini Care Centre), Ballyconnel, Co. Cavan	38	N/A	N/A
Heather House, Buttevant, Co. Cork	69	N/A	N/A
Sacred Heart Hospital, Old Dublin Road, Co. Carlow	.	.	N/A
Cleary House Supervised Residential Unit, Mental Health Services, Letterkenny, Co. Donegal	11	N/A	N/A
Lifford Community Hospital, Lifford, Co. Donegal	.	N/A	N/A
St. Augustine's Community Nursing Unit, Ballina, Co. Mayo	40	N/A	N/A
St. Oliver Plunkett Hospital, Drogheda, Co. Louth	N/A	N/A	N/A
Total	10658.0	2739.0	25.7
Average	117.1	30.1	28.1

N/A not available -Total and Average calculations excludes 10 long term care facilities where eligible and/or vaccinated staff numbers were not provided

Total and other summary statistics based on 91 LTCFs that provided complete figures

Appendix 5.2 Seasonal Influenza Vaccine Uptake by Individual LTCFs and Season

*The 21 LTCFs that reported back in each survey over the past four seasons are highlighted at the top of the table

Name of Public Residential Care Unit	2011-2012	2012-2013	2013-2014	2014-2015
Aras Mhuire Community Nursing Unit , Tuam, Co. Galway	28.6	18.5	25.9	19.2
Belmullet District Hospital (including Aras Deirbhile), Belmullet, Co. Mayo	0.0	7.7	14.6	40.5
Cluain Arainn Community Nursing Unit, Tipperary, Co. Tipperary	3.6	37.5	16.0	27.6
Connolly Hospital (Silver Birch & Woodland Units), Dublin 15	29.2	23.3	17.2	34.9
Cottage Hospital, Drogheda, Co. Louth	26.2	11.6	12.5	27.0
Dean Maxwell Community Nursing Unit, Roscrea, Co. Tipperary	20.5	21.1	4.9	22.5
Dublin South East HSE Units - Clonskeagh Hospital (Amalgamated return for Sir Patrick Dunn's, St. Broc's and Clonskeagh), Dublin 6	59.6	35.9	38.9	45.9
Kanturk Community Hospital, Kanturk, Co. Cork	31.3	7.5	10.9	46.4
Lusk Community Unit, Lusk, Co. Dublin	30.7	37.1	48.3	60.7
Raheny Community Nursing Unit, Dublin 9	38.8	53.1	56.9	62.2
Ramelton Community Nursing Unit, Ramelton, Co. Donegal	2.3	37.0	27.5	14.0
Regina House Community Nursing Unit, Kirush, Co. Clare	25.0	29.3	80.0	77.1
Seanchara Community Unit, Dublin 11	1.4	29.2	43.9	58.5
St. Anne's Community Nursing Home, Clifden, Co. Galway	0.0	15.2	6.8	21.9
St. Joseph's Hospital, Ardee, Ardee, Co. Louth	13.3	24.4	25.6	23.5
St. Mary's Hospital, Drogheda, Drogheda, Co. Louth	6.0	22.0	18.4	22.7
St. Mary's Hospital, Mullingar (now called Cluain Lir Community Nursing Unit), Mullingar, Co. Westmeath	17.9	18.3	19.8	25.0
St. Patrick's Hospital, Cashel, Co. Tipperary	54.5	7.7	59.1	50.3
St. Patrick's Hospital, John's Hill, Waterford, Co. Waterford	9.8	4.8	10.2	4.2
St. Vincent's Care Centre, Athlone, Co. Westmeath	26.0	7.4	10.9	6.6
Youghal Community Hospital, Youghal, Co. Cork	3.8	6.5	7.3	12.3
55 Westlands (Flats), St John's Road, Wexford Town, Enniscorthy, Co. Wexford				
56 Westlands Hostel, St John's Road, Wexford Town, Enniscorthy, Co. Wexford				
58 Westlands, St John's Road, Wexford Town, Wexford Town, Co. Wexford				
Abbeyleix District Hospital, Abbeyleix, Co. Laois		3.6	25.0	
Adult Mental Health Unit, Mayo General Hospital, Castlebar, Co. Mayo				
An Coillín, Westport Road, Castlebar, Co. Mayo				
An Solasan, Priorsland Road, Louth PCCC, Dundalk, Co. Louth				
Aras Attracta Intellectual Disability Services, Swinford, Co. Mayo				
Aras Mac Dara, Carraroe, Co. Galway		4.9	34.4	19.4
Aras Mathair Pol Community Nursing Unit, Castlerea, Co. Roscommon		8.8		
Aras Ronan, Aran Islands, Co. Galway	84.0	76.0	59.1	
Ardamine Community Mental Health Hostel, Ardamine, Gorey, Co. Wexford		0.0		
Arus Breffni, Manorhamilton, Co. Leitrim		17.4	62.5	
Arus Carolan, Mohill, Co. Leitrim	4.3	8.8	1.6	
Avalon House 15/16 Beechmount Vale, Navan, Co. Meath		53.3		
Ballincollig Community Nursing Unit, Ballincollig, Co. Cork		4.8	23.1	26.1
Ballyconnel Community Services, Ballyconnel, Co. Cavan				
Ballydevitt Group Home, Donegal Town, Co. Donegal	0.0		100.0	
Ballymacool Respite House, Letterkenny, Co. Donegal	0.0			
Baltinglass District Hospital, Baltinglass, Co. Wicklow	35.0			40.6
Bandon Community Hospital, Bandon, Co. Cork		2.9	2.5	
Bantry General Hospital, Bantry, Co. Cork		0.0	0.0	
Beaufort House, Navan Community Health Unit, Athboy Road, Navan, Co. Meath	9.1	17.1		
Beech Lodge, Residential unit for young people, Drinagh, Co. Wexford		4.5		
Belvilla Community Unit for Older Persons, Dublin 8		11.4	13.4	9.6
Birr Community Nursing Unit, Birr, Co. Offaly		7.3	19.8	48.7
Blackwater House, St. Davnet's Hospital, Rooskey, Co. Mongahan		1.9		
Boyne View House, Drogheda, Co. Louth		8.3	20.7	23.6
Brownwood Hostel, St. Senan's Hospital, Enniscorthy, Co. Wexford				
Bunrana Community Nursing Unit, Bunrana, Co. Donegal		10.9		25.9
Caherciveen Community Hospital, Caherciveen, Co. Kerry		0.0	1.6	1.8
Caradas House, Drumconrath, Navan, Co. Meath		30.8		
Carlow District Hospital, Carlow, Co. Carlow		2.9		
Carlow/Kilkenny Community Care, James's Green, Kilkenny City, Co. Kilkenny		8.2		

Appendix 5.2. Continued

Name of Public Residential Care Unit	2011-2012	2012-2013	2013-2014	2014-2015
Carndonagh Community Hospital, Caradonagh, Co. Donegal	9.3	9.3		43.1
Carndonagh JCM Residential Unit, Co. Donegal				
Carndonagh Supervised Residential Unit, Co. Donegal				
Carrick on Suir District Hospital (St. Brigid's), Tipperary, Co. Tipperary	20.8	20.8	42.9	
Castlecomer District Hospital, Castlecomer, Co. Kilkenny		0.0	5.6	6.0
Castletownbere Community Hospital (St. Joseph's), Castletownbere, Co. Cork	0.0		8.3	0.0
Cavan/Monaghan Disability Services, Cavan, Cavan town, Co. Cavan			14.5	
Cherry Orchard Hospital, Dublin 10			18.2	32.2
Cherryfield Lodge, Milltown Park, Dublin 6			34.9	20.5
Children's Sunshine Home, Leopardstown Road, Dublin 18			64.0	50.0
Cill Aoibhinn Group Home, Donegal Town, Co. Donegal	6.7		10.0	37.5
Clanntara House, Meath Disability Services, Athboy Road, Trim, Co. Meath		66.7		
Clara House Resource Centre, Rushine Road, Killybegs, Co. Donegal			0.0	
Clarehaven Nursing Home, Dublin 11	11.8			
Cleary House Supervised Residential Unit, Mental Health Services, Letterkenny, Co. Donegal	12.5	20.0		
Clifden District Hospital, Clifden, Co. Galway	0.0	0.0	13.2	
Clogheen District Hospital (St. Theresa's), Tipperary, Co. Tipperary		8.7		
Clonakilty Community Hospital and Long Stay Unit (Mount Carmel Home and Hospital), Clonakilty, Co. Cork			8.5	
Cloonamahon Community Group Homes, Collooney, Co. Sligo		4.9		
Cloonamahon Learning Disability Services, Collooney, Co. Sligo	13.6	10.3		
Cluain Mhuire Community Mental Health Service, St John of God Community Services, Stillorgan, Co. Dublin, Stillorgan, Co. Dublin			39.1	36.8
Cobh Community Hospital, Cobh, Co. Cork			59.2	
Coill Darach, Navan, Co. Meath		31.8		
Cois Abhainn, Youghal, Co. Cork				
Connolly Hospital (Sycamore Psychiatry of Old Age Unit), Dublin 15		18.8	41.4	53.6
Coolnaboy Hostel, St. Senan's Hostel, Enniscorthy, Co. Wexford				
Dalkey Community Unit, Dalkey, Co. Dublin		32.1	41.7	40.5
Dalton Community Nursing Unit, Claremorris, Co. Mayo		2.2	24.2	33.3
Damien House, Disability Unit, Clonmel, Co. Tipperary	10.3			
District Hospital, Gorey, Co. Wexford	0.0		3.0	
Donegal Hospice Knocknamona, Letterkenny, Co. Donegal			19.5	
Donegal Town Community Hospital, Donegal, Co. Donegal		13.2		
Dunabbey House, Dungarvan, Co. Waterford				
Dunamanway Community Hospital (St. Anthony's), Dunmanway, Co. Cork			0.0	0.0
Dungarvan Community Care, Dungarvan, Co. Waterford		7.8		
Dungarvan Community Hospital - incorporating St. Josephs Hospital and Dungarvan District Hospital (St. Vincent's), Dungarvan, Co. Waterford		13.2	6.2	16.0
Dungloe Community Hospital, Dungloe, Co. Donegal	34.7	46.9	48.2	
Ennistymon Community Nursing Unit, Ennistymon, Co. Clare		22.9	27.4	40.0
Falcarragh Community Hospital, Falcarragh, Co. Donegal	90.4	14.3	49.0	
Good Counsel Centre, Ballyboden, Dublin 16				37.2
Gougane Barra House, Falcarragh, Falcarragh, Co. Donegal	0.0	0.0		
Greenhill Nursing Home, Carrick on Suir, Co. Tipperary			22.2	22.8
Greystones Nursing Home, Church Road, Greystones, Co. Wicklow			84.2	85.7
Grove House, Intellectual Disability Service, St. Mary's Health Campus, Gurranabraher, Co. Cork		15.2	43.8	
Haywood Lodge, Community Nursing Unit, Clonmel, Co. Tipperary			0.0	0.0
Heather House, Buttevant, Co. Cork	0.0	6.8		
Hospital of the Assumption, Thurles, Co. Tipperary		12.7	21.2	
Hostel, 82 Moran Park, Enniscorthy, Co. Wexford				
HSE Sligo Community Group Homes, Co. Sligo				
HSE Tubbercurry Community Group Homes, Tubbercurry, Co. Sligo				
Inbhear na Mara Residential Unit, Bundoran, Co. Donegal	0.0	0.0	19.0	
Ivy House, Proudstown Road, Navan, Co. Meath		46.7	42.9	

Appendix 5.2. Continued

Name of Public Residential Care Unit	2011-2012	2012-2013	2013-2014	2014-2015
Kenmare Community Hospital, Kenmare, Co. Kerry		22.6		25.0
Killybegs Community Hospital, Killybegs, Co. Donegal			33.3	17.9
Kinsale Community Hospital, Kinsale, Co. Cork		22.8		
Lakefield House, Residential unit for children, Dunmore Road, Waterford City, Co. Waterford		6.3		
Leeside, Tullamaine, Callan, Co. Kilkenny, Callan, Co. Kilkenny		0.0		0.0
Leopardstown Park Hospital, Dublin 18	36.3		45.6	44.6
Lifford Community Hospital, Lifford, Co. Donegal		22.9	31.4	
Lios na Greine, Disability Unit, Dundalk, Co. Louth	10.5			
Lisdarn Unit for the Elderly, Cavan, Co. Cavan	44.9			
Listowel Community Hospital, Listowel, Co. Kerry		19.4		
Loher/Dinis Wards - Kerry General Hospital, Tralee, Co. Kerry		4.8		
Macroon Community Hospital, Macroon, Co. Cork		4.4	3.9	
Marymount Care Centre, Westmanstown, Lucan, Co. Dublin			10.7	21.4
Maynooth Community Unit, Maynooth, Co. Kildare	17.2	16.9	18.6	
McBride Community Unit, Westport, Co. Mayo	4.9			
Meath Community Hospital, Dublin 8				32.5
Melview House Nursing Home, Clonmel, Co. Tipperary			46.9	
Midleton Community Hospital and Long Stay Unit (Our Lady of Lourdes), Midleton, Co. Cork		54.7	21.3	44.3
Millview, St. John's Hospital Grounds, Enniscorthy, Co. Wexford			16.7	
Mount Alvernia Hospital, Mallow, Co. Cork			15.4	18.6
Muiriosa Foundation, Moore Abbey, Monasterevin, Co. Kildare (St. Kildare Services)			18.8	17.0
NaDriseoga Respite Unit, Commons Road, Navan, Co. Meath		12.5		0.0
New Haughton Hospital, New Ross, Co. Wexford		23.8		
No 25, Grand Priory, Kells, Co. Meath		75.0	20.0	
North Cork Mental Health Services, St. Stephens Hospital, Glanmire, Cork, Cork City			1.7	7.7
Ofalia House Community Nursing Unit, Edenderry, Co. Offaly		33.8		
Oghill Nursing Home, Oghill, Monasterevin, Co. Kildare			24.6	62.5
Oriel House, Monaghan, Co. Monaghan	0.0	13.6		0.0
Our Lady's Hospice, Dublin 6W			40.5	28.1
Our Lady's Hospital, Manorhamilton, Co. Leitrim		0.0	26.3	
Owls Rest, Kilmainham, Kells, Co. Meath	12.5			
Park House Supervised Residential Unit, Dungloe, Co. Donegal		14.3		27.3
Peamount Hospital, Co Dublin		17.7		
Plunkett Community Nursing Unit, Boyle, Co. Roscommon	0.0	2.3	4.7	
Radharc na Sléibhte, Supervised Residential Unit, Convent Road, Carndonagh, Co. Donegal				26.7
Raheen Community Nursing Unit, Scariff, Co. Clare	0.0	0.0		
Re Nua, Adult Acquired Brain Injury Services, Our Lady's Campus, Cashel, Co. Tipperary		11.8	12.5	
Riada House Community Unit, Tullamore, Co. Offaly		5.8	8.2	
Rock Community Nursing Unit, Ballyshannon, Co. Donegal	3.0	6.7	29.0	
Roscommon Mental Health Service, Aras Naomh Chaolain, Knock Road, Castlerea, Co. Roscommon		30.8		
Rowanfield House Supervised Residential Unit, Donegal Town, Co. Donegal		7.7	16.2	23.5
Sacred Heart Centre, Disability centre for children, Lady Lane, Waterford City, Co. Waterford		8.3		
Sacred Heart Hospital, Castlebar, Co. Mayo	2.1	2.4	0.6	
Sacred Heart Hospital, Golf Links Road, Roscommon, Co. Roscommon				
Sacred Heart Hospital, Old Dublin Road, Carlow, Co. Carlow		14.0	9.9	
Saimer View Community Group Home, Dunmuckrim, Ballyshannon, Co. Donegal		33.3	100.0	
Schull Community Hospital (St. Gabriel's), Schull, Co. Cork				
Sean O'Hare Unit & Associated (Learning Disability) Services, Stranorlar, Co. Donegal				
Shiel Community Hospital, Ballyshannon, Co. Donegal		15.4	30.6	41.9
Skibbereen Community Hospital (St. Anne's), Skibbereen, Co. Cork	0.0		0.0	
Southside Intellectual Disability Unit, Ballyboden, Co. Dublin	16.3	26.5		
Springhill Hostels, Kilgoley, St. Senan's Hospital, Enniscorthy, Co. Wexford				

Appendix 5.2. Continued

Name of Public Residential Care Unit	2011-2012	2012-2013	2013-2014	2014-2015
St. Augustine's Community Nursing Unit, Ballina, Co. Mayo		0.0		
St. Brendan's Home, Loughrea, Co. Galway		18.7	17.5	22.7
St. Brigid's Home, Crooksling, Brittas, West Co. Dublin	19.1	31.5	24.8	
St. Brigid's Hospital, Shaen, Portlaoise, Co. Laois		4.8	37.5	25.0
St. Camillus' Community Hospital, Limerick, Co. Limerick				
St. Clare's Home, Glasnevin, Dublin 9		27.8		51.9
St. Colman's Hospital, Rathdrum, Rathdrum, Co. Wicklow		11.2	19.8	9.8
St. Columbanus Home incorporating Killarney Community Hospital, Killarney, Co. Kerry			12.0	16.2
St. Columba's Hospital, Thomastown, Co. Kilkenny	4.0	1.3		
St. Conlon's Community Nursing Unit, Nenagh, Co. Tipperary	9.7	13.9		
St. Finbarr's Hospital, Cork, Co. Cork			13.5	47.3
St. Fionnan's Community Nursing Unit, Achill Island, Co. Mayo	56.1			3.2
St. Ita's Community Hospital, Newcastle West, Co. Limerick		17.3	32.7	
St. Ita's Psychiatric Hospital, Portrane, Co. Dublin				
St. John of God Community Services Ltd., St. Raphael's, Celbridge, Co. Kildare			8.8	
St. John's Community Hospital, Ballyrivnan, Co. Sligo	4.4	3.1		
St. John's Hospital & St. John's Ward Ely Hosp., Enniscorthy, Co. Wexford		8.3		
St. Joseph's Care Centre, Longford, Co. Longford		29.5	20.6	15.7
St. Joseph's Centre, Daughters of Charity, Grange Road, Dublin 15		24.8	31.5	26.0
St. Joseph's Community Hospital, Ennis, Co. Clare		8.5		
St. Joseph's Community Hospital, Millstreet, Co. Cork		3.8		
St. Joseph's Community Hospital, Stranorlar, Co. Donegal		3.8	11.0	29.6
St. Joseph's Disability Service, Portrane, Co. Dublin				
St. Joseph's Hospital, Trim, Trim, Co. Meath	14.4			27.8
St. Joseph's School, Ferryhouse, Clonmel, Co. Tipperary		3.5		
St. Louise's, Glenmaroon, Chapelizod		23.1	27.6	17.6
St. Luke's Home, Cork City, Co. Cork			15.0	17.9
St. Mary's Hospital, Castleblaney, Monaghan, Co. Monaghan				
St. Mary's Hospital, Phoenix Park, Dublin 20		13.0	22.5	24.5
St. Mary's Residence, Louth/Meath Mental Health Unit, Drogheda, Co. Louth	0.0			
St. Michaels House, Ballymun Road, Dublin 9		21.3	23.4	
St. Oliver Plunkett Hospital, Drogheda, Co. Louth				
St. Otteran's Psychiatric Hospital, John's Hill, Waterford City, Co. Waterford		6.6		
St. Patrick's Community Hospital, Carrick on Shannon, Co. Leitrim	10.3	13.7	25.5	
St. Patrick's Community Hospital, Fermoy, Co. Cork	1.0			0.0
St. Rosalie's, Convent Lane, Portmarnock, Co. Dublin		42.9	93.1	96.4
St. Senan's Psychiatric Hospital, Enniscorthy, Co. Wexford		4.3		
St. Vincent's Centre, Daughters of Charity Disability Support Services, Lisnagry, Limerick				15.8
St. Vincent's Centre, Navan Road, Dublin 7		23.8	37.7	52.5
St. Vincent's Hospital, Athy, Co. Kildare		5.7	12.0	20.7
St. Vincent's Hospital, Mountmellick, Co. Laois		39.6	45.3	30.8
Sullivan Memorial Home, Cavan, Co. Cavan	17.2	3.6	29.2	
Swinford District Hospital, Swinford, Co. Mayo	4.5	0.0		
Swinford Treatment Centre, The Lodge, Dublin Road, Swinford, Co. Mayo		66.7		
Tara Care Centre, 5/6 Putland Road, Bray, Co. Wicklow			75.0	
Teach Aisling, Westport Road, Castlebar, Co. Mayo				
The Coastguards Disability Unit, 194 Lower Point Road, Dundalk, Co. Louth	42.9	46.7		20.0
The Marley Nursing Home, Kellystown Road, Rathfarnham, Dublin 16			33.2	21.5
The Moorings Hostel, Mental Health Unit, Dundalk, Co. Louth	0.0			
The Royal Hospital, Dublin 4	15.4		33.1	30.1
Tralee Community Nursing Unit, Teile Carraig, Killerisk Road, Tralee, Co. Kerry				23.2
Transitional Living, Slí Eile, Acquired Brain Injury Unit, 17 New Toberaheena, Clonmel, Co. Tipperary		8.3		
Tus Nua, Rehabilitation Unit, Enniscorthy, Co. Wexford		14.3		
Units 5 and 6 - Merlin Park Hospital, Galway, Co. Galway				
Virginia Community Services, Virginia, Co. Cavan	3.8			

Appendix 5.2. Continued

Name of Public Residential Care Unit	2011-2012	2012-2013	2013-2014	2014-2015
Walnut Grove, No 39/40, Residential Unit for young people, Wexford town, Co. Wexford		10.5		
Waterford Community Care, Cork Road, Waterford City, Co. Waterford		6.8		12.3
West Kerry Community Hospital , Dingle, Co. Kerry		8.0	12.5	10.0
Wexford Community Care, Grogan's Road, Wexford town, Co. Wexford		4.9		
Wexford Disability Services, Millbrook Day Centre, Munster Hill, Enniscorthy, Co. Wexford		2.9	5.6	
Wexford Mental Health Services (WMHS Rehabilitation)			4.9	
Wisdom Services Cregg House, Co. Sligo				
Wisdom Services Cregg House Group Homes, Co. Sligo				

Appendix 6.1. Seasonal Influenza Vaccine Uptake in LTCFs by HSE Region, 2014-2015

(n=91)

HSE Region	Number of LTCFs	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
Dublin Mid-Leinster	27	3946	1154	29.2
Dublin North-East	18	1694	611	36.1
South	25	3508	598	17.0
West	21	1510	376	24.9
Total*	91	10658	2739	25.7

*Total excludes 10 long term care facilities where eligible and/or vaccinated staff numbers were not provided

Appendix 6.2. Seasonal Influenza Vaccine Uptake in LTCFs by HSE Area, 2014-2015

(n=91)

HSE Area	Number of LTCFs	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
East	31	4634	1530	33.0
Midlands	6	681	164	24.1
Mid-West	4	701	166	23.7
North-East	8	325	71	21.8
North-West	10	481	134	27.9
South	15	1236	276	22.3
South-East	10	2272	322	14.2
West	7	328	76	23.2
Total*	91	10658	2739	25.7

*Total excludes 10 long term care facilities where eligible and/or vaccinated staff numbers were not provided

Appendix 7. Seasonal Influenza Vaccine Uptake in LTCFs by HSE Staff Grade Category, 2014-2015

(n=91)

HSE Grade Category	Total Eligible Staff	Total Staff Vaccinated	% Total Staff Vaccinated
General Support Staff	2527	575	22.8
Health & Social Care Professionals	1173	273	23.3
Management & Administration	844	280	33.2
Medical & Dental	224	93	41.5
Nursing	3453	949	27.5
Other Patient & Client Care	2437	569	23.3
Total*	10658	2739	25.7

*Total excludes 10 long term care facilities where eligible and/or vaccinated staff numbers were not provided

Appendix 8. LTCF activity statistics and seasonal influenza vaccination by season

*Results based on complete returns consisting of eligible and vaccinated staff numbers by HSE grade in 21 LTCFs that reported back in each survey over the past four seasons

Criteria	2011-2012	2012-2013	2013-2014	2014-2015
Number of consistently reporting seasonal LTCFs	21	21	21	21
Number of Long Stay Beds Reported	867	756	859	831
Average Number of Long Stay Beds per LTCF Reported	41.3	36.0	40.9	39.6
Number of Long Stay Residents on Date of Report	776	792	804	793
Average Number of Long Stay Residents per LTCF on Date of Report	37.0	37.7	38.3	37.8
% Occupancy of Long Stay Residents in Long Stay Beds on Date of Report	89.5%	104.8%	93.6%	95.4%
Number of Long Stay Residents Since Season Start	840	908	719	865
Average Number of Long Stay Residents per LTCF Since Season Start	40.0	43.2	34.2	41.2
% Occupancy of Long Stay Residents in Long Stay Beds Since Season Start	96.9%	120.1%	83.7%	104.1%
Number of Long Stay Residents who have Left or Died	107	152	88	128
Average Number of Long Stay Residents per LTCF who have Left or Died	5.1	7.2	4.2	6.1
Number of Long Stay Residents Vaccinated on Date of Report	734	733	720	720
Average Number of Long Stay Residents Vaccinated per LTCF on Date of Report	35.0	34.9	34.3	34.3
Number of Long Stay Residents Vaccinated Since Season Start	724	684	716	777
Average Number of Long Stay Residents Vaccinated per LTCF Since Season Start	34.5	32.6	34.1	37.0
% Long Stay Residents Vaccinated on Date of Report	94.6%	92.6%	89.6%	90.8%
% Long Stay Residents Vaccinated Since Season Start	86.2%	75.3%	99.6%	89.8%
Number of Respite Beds Reported	92	87	82	206
Number of Respite Residents on Date of Report	91	79	64	48
Average Number of Respite Residents per LTCF on Date of Report	4.3	3.8	3.0	2.3
% Occupancy of Respite Residents in Respite Beds	98.9%	90.8%	78.0%	23.3%
Number of Respite Residents Since Season Start	1185	658	618	995
Average Number of Respite Residents per LTCF Since Season Start	56.4	31.3	29.4	47.4
% Occupancy of Respite Residents in Respite Beds since Season Start	1302.2%	832.9%	965.6%	2072.9%
Number of Respite Residents that were Vaccinated Before Admission Since Season Start	39	87	122	238
Average Number of Respite Residents that were Vaccinated Before Admission per LTCF Since Season Start	1.9	4.1	5.8	11.3
% Respite Residents that were Vaccinated Before Admission Since Season Start	3.3%	13.2%	19.7%	23.9%
Number of Respite Residents that were Vaccinated in LTCFs Since Season Start	14	6	11	61
Average Number of Respite Residents per LTCF that were Vaccinated in LTCFs Since Season Start	0.7	0.3	0.5	2.9
% Respite Residents that were Vaccinated in LTCFs Since Season Start	1.2%	0.9%	1.8%	6.1%
% Vaccinated Respite Residents in LTCFs Since Season Start	4.5%	14.1%	21.5%	30.1%

Appendix 9.1. Individual LTCFs with policy of vaccinating respite residents before admission by season

Long Term Care Facility Name	2011-2012	2012-2013	2013-2014	2014-2015
Abbeyleix District Hospital, Abbeyleix, Co. Laois		Yes	Yes	
Aras Attracta Intellectual Disability Services, Swinford, Co. Mayo		Yes	Yes	
Ballincollig Community Nursing Unit, Ballincollig, Co. Cork				Yes
Baltinglass District Hospital, Baltinglass, Co. Wicklow				Yes
Bandon Community Hospital, Bandon, Co. Cork			Yes	
Beaufort House, Navan Community Health Unit, Athboy Road, Navan, Co. Meath		Yes		
Belmullet District Hospital (including Aras Deirbhile), Belmullet, Co. Mayo				Yes
Castletownbere Community Hospital (St. Joseph's), Castletownbere, Co. Cork	Yes			
Cherryfield Lodge, Milltown Park, Dublin 6			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	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	Yes
Heather House, Buttevant, Co. Cork			Yes	Yes
Hospital of the Assumption, Thurles, Co. Tipperary			Yes	
Kanturk Community Hospital , Kanturk, Co. Cork	Yes	Yes		Yes
Kenmare Community Hospital, Kenmare, Co. Kerry				Yes
Leopardstown Park Hospital, Dublin 18, Co. Dublin			Yes	Yes
Lusk Community Unit, Lusk, Co. Dublin				Yes
Macroom Community Hospital, Macroom, Co. Cork			Yes	
Marymount Care Centre, Westmanstown, Lucan, Co. Dublin				Yes
Muiriosa Foundation, Moore Abbey, Monasterevin, Co. Kildare (St. Kildare Services)				Yes
North Cork Mental Health Services, St. Stephens Hospital, Glanmire, Cork			Yes	Yes
Regina House Community Nursing Unit, Kirush, Co. Clare			Yes	
Sacred Heart Hospital, Old Dublin Road, Carlow, Co. Carlow		Yes	Yes	Yes
Seanchara Community Unit, Dublin 11				Yes
Shiel Community Hospital, Ballyshannon, Co. Donegal	Yes			
Skibbereen Community Hospital (St. Anne's), Skibbereen, Co. Cork			Yes	
St Luke's Home, Cork City, Co. Cork				Yes
St. Brendan's Home, Loughrea, Co. Galway				Yes
St. Brigid's Home, Brittas, Co. Dublin	Yes		Yes	
St. Brigid's Hospital, Shaen, Portlaoise, Co. Laois				Yes
St. Clare's Home, Glasnevin, Dublin 9				Yes
St. Colman's Hospital, Rathdrum, Rathdrum, Co. Wicklow			Yes	Yes
St. Finbarr's Hospital, Cork, Co. Cork			Yes	
St. Joseph's Community Hospital, Ennis, Co. Clare			Yes	
St. Joseph's Hospital, 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, Co. Tipperary	Yes	Yes		
St. Patrick's Hospital, John's Hill, Waterford, Co. Waterford			Yes	
St. Vincent's Hospital, Athy, Co. Kildare			Yes	Yes
Swinford District Hospital, Swinford, Co. Mayo		Yes		
Count	5	11	24	21

Appendix 9.2. Individual LTCFs with policy of vaccinating staff by season

Long Term Care Facility Name	2012-2013	2013-2014	2014-2015
Ardamine Community Mental Health Hostel, Ardamine, 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, Scarlet Street, Drogheda	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	Yes
Leopardstown Park Hospital, Dublin 18		Yes	Yes
Midleton Community Hospital and Long Stay Unit (Our Lady of Lourdes), Midleton, Co. Cork			Yes
Mount Alvernia Hospital, Mallow, Co. Cork		Yes	Yes
Muiriosa Foundation, Moore Abbey, Monasterevin, Co. Kildare (Sth. Kildare Services)			Yes
New Haughton Hospital, New Ross, Co. Wexford	Yes		
St. Joseph's Care Centre, Co. Longford	Yes	Yes	Yes
St. Joseph's Care Centre, Dublin Road, Longford		Yes	
St. Joseph's Hospital, Trim, Co. Meath	Yes		
St. Mary's Hospital, Dublin Road, Drogheda	Yes	Yes	Yes
St. Patrick's Hospital, Cashel, Co. Tipperary			Yes
St. Vincent's Hospital, Athy, Co. Kildare			Yes
Count	10	6	9

Note: Question regarding the vaccination of staff was not asked in the 2011-2012 season survey