

MenC booster vaccine uptake in Ireland: 2014/2015

MenC (meningococcal group C) vaccine is recommended as part of the primary childhood immunisation programme. Immunity to meningococcal disease reduces over time so a booster dose is recommended now to provide additional protection. The National Immunisation Advisory Committee recommends vaccination with a booster MenC vaccine at 12-13 years of age. The MenC booster vaccine was introduced into the HSE schools immunisation programme in September 2014. This vaccine is offered to students in first year of second level schools and their equivalents in special schools and home schooled. Please see the HSE National Immunisation Office (NIO) website at <http://www.immunisation.ie> for detailed and current information on the all recommended vaccines including the primary childhood immunisation schedule and the school vaccination programme. MenC vaccine uptake data in children at 12 and 24 months of age is available on the Health Protection Surveillance Centre (HPSC) website at www.hpsc.ie.

This is the first report of the new school based MenC programme.

MenC vaccine uptake in Ireland during the 2014/2015 academic year

MenC vaccine uptake in the academic year 2014/2015, provided through the school immunisation programme for those in first year of second level schools and their equivalents in non-second level schools (i.e. special school, home schooled and out of school), and recorded on the School Immunisation System (SIS) are presented in table 1. The vaccinations are provided by vaccination teams from the Local Health Offices (LHOs) who go into schools in their areas to vaccinate. Data on vaccination is inputted into the SIS database at a local level. Please see the NIO website at <http://www.immunisation.ie> for detailed and current information on the school vaccination programme.

The data presented here are the result of collaboration between NIO, School Immunisation Teams, Immunisation Coordinators, Immunisation System Administrators, Immunisation administrative staff and HPSC.

The figures presented in this summary are based on data recorded on SIS on the 9th August 2016. These figures are subject to change due to ongoing updating of data on the database.

Summary

For the 2014-2015 academic year

- National uptake was 87.9%
- There was some regional variation with uptake among the Community Healthcare Organisations ranging from 76.4% to 93.3%

Table 1. MenC booster vaccine, provided through the school immunisation programme, uptake data in the academic year 2014/2015 (data extracted 09/08/2016)

Community Healthcare Organisation (CHO)	Local Health Office/Community Healthcare Organisation (CHO)	2014/2015				
		First year in second level and equivalent in special schools, home schooled and out of school			Outside cohort	
		Denominator	Numbers vaccinated with MenC booster:	% Vaccinated with MenC booster:	Denominator	Numbers vaccinated with MenC booster:
CHO1	Cavan/Monaghan	1788	1511	84.5%	N/A	6
	Donegal	2355	2211	93.9%	N/A	2
	Sligo/Leitrim	1299	1214	93.5%	N/A	0
	CHO1 Total	5442	4936	90.7%	N/A	8
CHO2	Galway	2986	2870	96.1%	N/A	0
	Mayo	1744	1554	89.1%	N/A	1
	Roscommon	641	586	91.4%	N/A	0
	CHO2 Total	5371	5010	93.3%	N/A	1
CHO3	Clare	1544	1367	88.5%	N/A	0
	Limerick	1963	1625	82.8%	N/A	3
	Tinnerrary NR/East Limerick	1958	1721	87.9%	N/A	2
	CHO3 Total	5465	4713	86.2%	N/A	5
CHO4	North Cork	1196	1021	85.4%	N/A	1
	North Lee - Cork	2548	2287	89.8%	N/A	0
	South Lee - Cork	2567	2300	89.6%	N/A	0
	West Cork	706	604	85.6%	N/A	0
	Kerry	1904	1608	84.5%	N/A	0
	CHO4 Total	8921	7820	87.7%	N/A	1
CHO5	Carlow/Kilkenny	2059	1906	92.6%	N/A	1
	South Tinnerrary	1225	1150	93.9%	N/A	38
	Waterford	1783	1704	95.6%	N/A	1
	Wexford	2180	1997	91.6%	N/A	1
	CHO5 Total	7247	6757	93.2%	N/A	41
CHO6	Dublin South	2015	1819	90.3%	N/A	1
	Dublin South East	1278	1070	83.7%	N/A	16
	Wicklow	1512	1340	88.6%	N/A	2
	CHO6 Total	4805	4229	88.0%	N/A	19
CHO7	Dublin South City	1491	1253	84.0%	N/A	1
	Dublin South West	1830	1475	80.6%	N/A	1
	Dublin West	2050	1821	88.8%	N/A	1
	Kildare/West Wicklow	3461	3318	95.9%	N/A	7
	CHO7 Total	8832	7867	89.1%	N/A	10
CHO8	Laois/Offaly	2201	2014	91.5%	N/A	1
	Longford/Westmeath	2267	2038	89.9%	N/A	8
	Louth	2156	1833	85.0%	N/A	2
	Meath	2780	2489	89.5%	N/A	5
	CHO8 Total	9404	8374	89.0%	N/A	16
CHO9	Dublin North West	2729	2064	75.6%	N/A	0
	Dublin North Central	1618	1255	77.6%	N/A	0
	Dublin North	3011	2303	76.5%	N/A	182
	CHO9 Total	7358	5622	76.4%	N/A	182
Homeschooled	94	12	12.8%	N/A	0	
Total of LHOs and home schooled	62939	55340	87.9%	N/A	283	
Out of School	N/A	2	N/A	N/A	0	
Total of LHOs and home schooled and out of school	N/A	55342	N/A	N/A	283	

Outside cohort refers to those who were vaccinated but who were outside the routine cohort for vaccination

Local health office (LHO) refers to the LHO of the school. Therefore, in reports the LHOs of homeschooled and out of school children do not appear

N/A-Not applicable

Internationally

In the United States, quadrivalent meningococcal conjugate vaccination uptake among 13-17 year olds was 79.3% in 2014.¹

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References

1. CDC. Teen Vaccination Coverage 2014. National Immunization Survey-Teen (NIS-Teen). Available at <http://www.cdc.gov/vaccines/parents/vacc-coverage-teens.html>. Accessed 10/05/2016.