

Summary

- In children 12 months of age in 2007 the immunisation uptake target rate of 95% was reached and/or exceeded in
 - Clare, Limerick and Tipperary NR/East Limerick for BCG
- In children 24 months of age in 2007 the immunisation uptake target rate of 95% was reached and/or exceeded in
 - Longford/Westmeath for D₃, P₃, T₃, Hib₃, Polio₃, MenC₃ and MMR₁
 - Donegal, Laois/Offaly, North South Lee and Roscommon for D₃, P₃, T₃, Hib₃, Polio₃ and MenC₃
 - Cavan/Monaghan, Dublin South East and Dublin South West for D₃, P₃, T₃, Hib₃ and Polio₃
 - Sligo/Leitrim for D₃, P₃, T₃ and Polio₃

The immunisation uptake statistics presented in this summary document relate to children 12 and 24 months of age in 2007 and who have received three doses of vaccines against diphtheria (D₃), pertussis (P₃), tetanus (T₃), *Haemophilus influenzae* type b (Hib₃), polio (Polio₃) and meningococcal group C (MenC₃), one booster dose of *Haemophilus influenzae* type b vaccine after 12 months of age (Hib₆; uptake at 24 months only), one dose of vaccine against measles, mumps and rubella (MMR₁; uptake at 24 months only) and one dose of BCG vaccine (BCG: uptake at 12 months only). These statistics therefore relate to uptake in the cohorts born between 01/01/2006 & 31/12/2006 and 01/01/2005 & 31/12/2005.

The immunisation uptake statistics for 2007 are presented in this summary document by Local Health Office (LHO) area. A separate report on the immunisation uptake statistics in 2007 by HSE Area is available in the November edition of Epi-Insight, available at <http://www.hpsc.ie>. In addition, a complete listing of national and regional immunisation uptake statistics by quarter for each HSE Area at 12 and 24 months and the 2007 quarterly reports are also available at <http://www.hpsc.ie>.

D₃ immunisation uptake rates, in those 12 and 24 months of age in 2007, are mapped by LHO in figures 1 and 2. Immunisation uptake rates of P₃, T₃, Hib₃, Polio₃ and MenC₃ are not mapped here by LHO because their rates are very similar to D₃ uptake rates (see tables 1 and 2).

MMR₁ immunisation uptake rates, in those 24 months of age in 2007, are mapped by LHO in figure 3.

Hib₆ immunisation uptake rates, in those 24 months of age in 2007, are mapped by LHO in figure 4.

Immunisation uptake rates for all antigens, in those 12 and 24 months of age in 2007, are reported by LHO in tables 1 and 2.

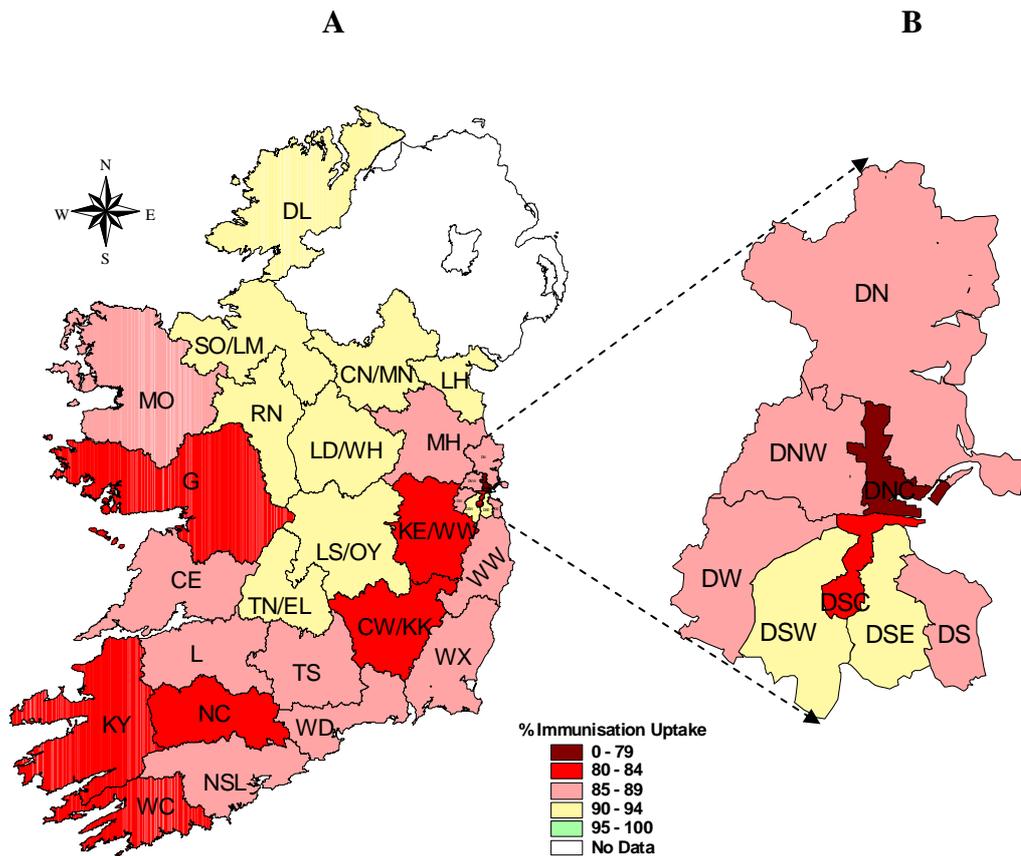


Figure 1. D₃ immunisation uptake rates (%) by LHO, in those 12 months of age in 2007, in (A) Ireland and (B) Dublin. Please see Appendix 1 to translate codes for LHO areas.

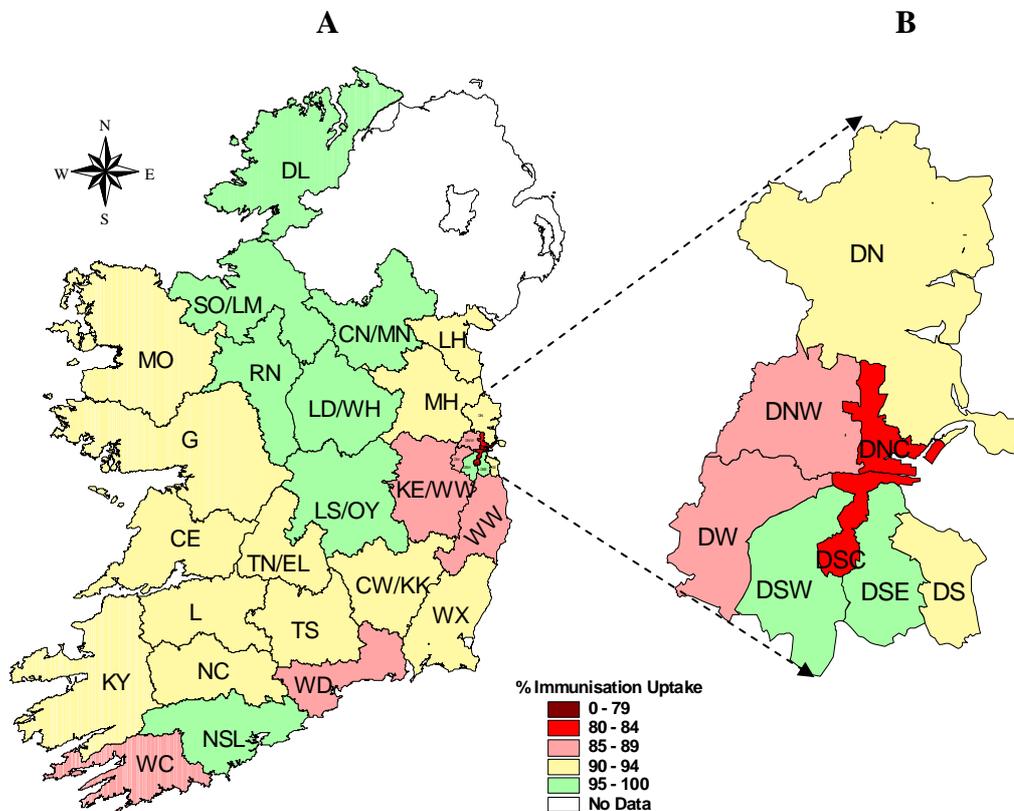


Figure 2. D₃ immunisation uptake rates (%) by LHO, in those 24 months of age in 2007, in (A) Ireland and (B) Dublin. Please see Appendix 1 to translate codes for LHO areas.

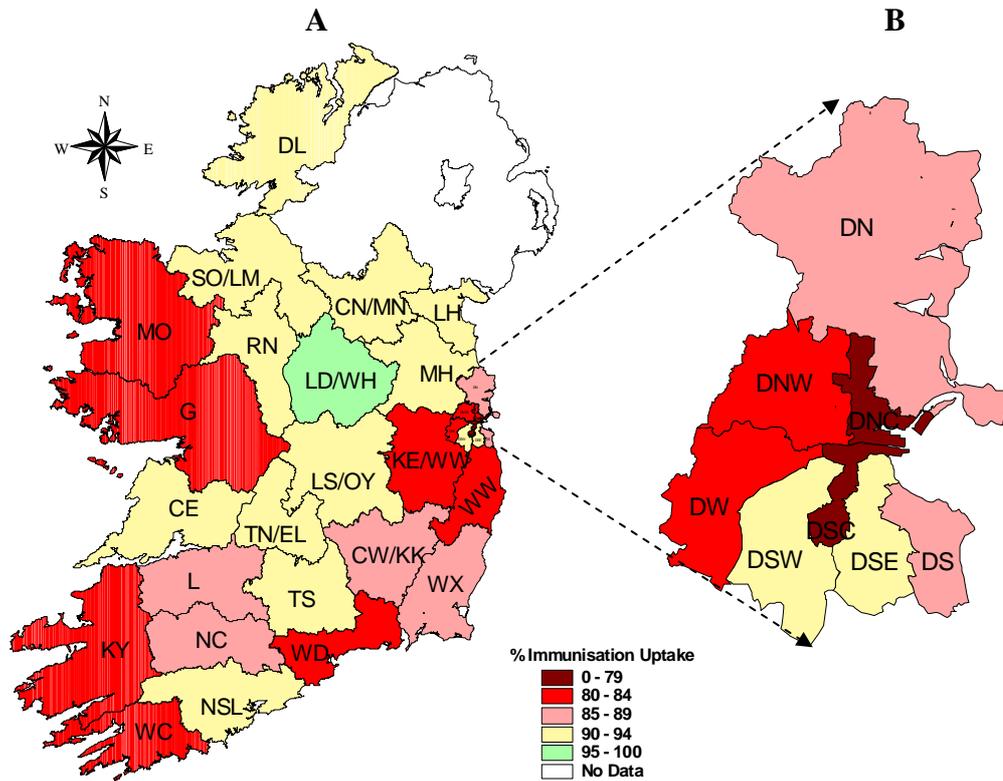


Figure 3. MMR₁ immunisation uptake rates (%) by LHO, in those 24 months of age in 2007, in (A) Ireland and (B) Dublin. Please see Appendix 1 to translate codes for LHO areas.

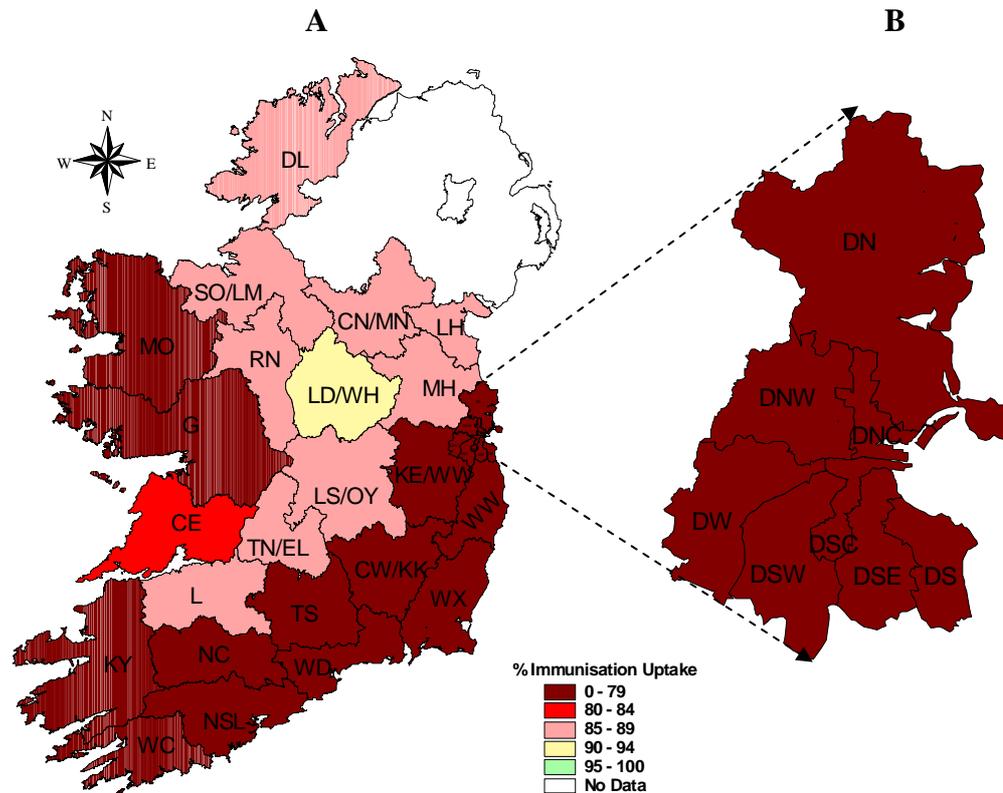


Figure 4. Hib₆ immunisation uptake rates (%) by LHO, in those 24 months of age in 2007, in (A) Ireland and (B) Dublin.

Please note

- (1) MO, G and RN LHO 2007 data are incomplete i.e. they are the combined Quarters 3 and 4 2007 data only
- (2) DL and SO/LM LHO 2007 data are incomplete i.e. they are the combined Quarters 1, 2 and 4 2007 data only
- (3) CW/KK, TS, WD and WX LHO data are underestimates due to data extraction methods

Table 1: Immunisation Uptake Statistics at 12 months in 2007 by LHO/HSE Area

Immunisation Uptake at 12 Months in Cohort Born 01/01/2006-31/12/2006										
HSE Area	LHO/HSE Area	No. in cohort for BCG	No. in cohort for other vaccines*	Immunisation Uptake (%)						
				BCG	D ₃	P ₃	T ₃	Hib ₃	Polio ₃	MenC ₃
Eastern	Dublin South	na	1500	na	87	87	87	87	87	87
	Dublin South East	na	1285	na	93	93	93	93	93	93
	Dublin South City	na	1498	na	80	80	80	80	80	80
	Dublin South West	na	2390	na	91	91	91	91	91	90
	Dublin West	na	2545	na	85	85	85	85	85	85
	Dublin North West	na	3376	na	86	86	86	86	86	86
	Dublin North Central	na	1490	na	79	79	79	79	79	79
	Dublin North	na	3697	na	87	87	87	87	87	87
	Kildare/West Wicklow	na	3924	na	83	83	83	83	83	83
	Wicklow	na	1908	na	87	87	87	87	87	87
	HSE-E Total	na	23613	na	86	86	86	86	86	86
Midland	Laos/Offaly	2407	2407	92	91	91	91	91	91	91
	Longford/Westmeath	1959	1959	91	93	93	93	93	93	93
	HSE-M Total	4366	4366	91	92	92	92	92	92	92
Mid Western	Clare	1685	1784	98	88	88	88	88	88	88
	Limerick	1891	1981	98	88	88	88	88	88	88
	Tipperary NR/East Limerick	1684	1719	95	90	90	90	90	90	90
	HSE-MW Total	5260	5484	97	89	89	89	89	89	89
North Eastern	Cavan/Monaghan	na	1884	na	91	91	91	91	91	89
	Louth	na	2033	na	90	90	90	90	90	88
	Meath	na	3174	na	89	89	89	89	89	87
	HSE-NE Total	na	7091	na	90	90	90	90	90	88
North Western	Donegal	2197	2197	94	91	91	91	91	91	91
	Sligo/Leitrim	1301	1301	94	92	92	92	92	92	90
	HSE-NW Total	3498	3498	94	92	92	92	92	91	90
South Eastern	Carlow/Kilkenny	1891	1891	91	84	84	84	84	84	84
	South Tipperary	1303	1303	93	88	88	88	88	88	87
	Waterford	2004	2004	90	85	85	85	85	85	84
	Wexford	2217	2217	92	87	87	87	87	87	87
	HSE-SE Total	7415	7415	92	86	86	86	86	86	85
Southern	North Cork	na	1279	na	83	83	83	83	83	82
	North South Lee	na	5390	na	86	86	86	86	86	85
	West Cork	na	748	na	80	80	80	80	80	80
	Kerry	1908	1871	90	82	82	82	82	82	82
	HSE-S Total †	1908	9288	90	84	84	84	84	84	84
Western	Galway	na	3526	na	84	84	84	84	84	85
	Mayo	na	1720	na	87	87	87	87	87	86
	Roscommon	na	832	na	93	93	93	93	93	94
	HSE-W Total	na	6078	na	86	86	86	86	86	87
Ireland ‡		22447	66833	93	87	87	87	87	87	87

na=not available

*As the denominator/number in cohort varied slightly according to vaccine, most commonly used number is presented here.

†HSE-Southern Area - part coverage of neonatal BCG (i.e. Kerry only)

‡BCG uptake data were available for five of the eight HSE-Areas (data from HSE-Southern Area relates to Kerry only).

Please note while North Lee and South Lee are two separate LHOs their combined immunisation uptake data are reported here

Table 2: Immunisation Uptake Statistics at 24 months in 2007 by LHO/HSE Area

Immunisation Uptake at 24 Months in Cohort Born 01/01/2005-31/12/2005											
HSE Area	LHO/HSE Area	No. in cohort for Hib _b	No. in cohort for other vaccines*	Immunisation Uptake (%)							
				D ₃	P ₃	T ₃	Hib ₃	Hib _b [†]	Polio ₃	MenC ₃	MMR ₁
Eastern	Dublin South	1479	1479	90	90	90	90	74	90	90	87
	Dublin South East	1265	1265	95	95	95	95	69	95	94	91
	Dublin South City	1444	1444	83	83	83	83	64	83	83	77
	Dublin South West	2181	2181	96	96	96	96	75	96	94	92
	Dublin West	2317	2317	89	89	89	89	70	89	88	82
	Dublin North West	3085	3085	89	89	89	89	66	89	89	82
	Dublin North Central	1432	1432	82	82	82	82	62	82	82	76
	Dublin North	3555	3555	91	91	91	91	73	91	91	87
	Kildare/West Wicklow	3646	3646	87	87	87	87	68	87	87	81
	Wicklow	1735	1735	89	89	89	88	68	89	88	84
HSE-E Total	22139	22139	89	89	89	89	69	89	89	89	84
Midland	Laos/Offaly	2127	2137	97	97	97	97	89	97	97	94
	Longford/Westmeath	1737	1745	98	98	98	98	90	98	98	95
	HSE-M Total	3864	3882	97	97	97	97	90	97	97	94
Mid Western	Clare	1718	1718	92	92	92	92	84	92	92	90
	Limerick	1805	1805	92	92	92	92	85	92	92	89
	Tipperary NR/East Limerick	1737	1737	93	93	93	93	85	93	93	91
	HSE-MW Total	5260	5260	92	92	92	92	85	92	92	90
North Eastern	Cavan/Monaghan	1751	1751	95	95	95	95	87	95	94	91
	Louth	1856	1856	93	93	93	93	88	93	92	90
	Meath	2908	2908	92	92	92	92	88	92	92	90
	HSE-NE Total	6515	6515	93	93	93	93	88	93	93	90
North Western	Donegal	1583	2147	97	97	97	96	89	97	96	91
	Sligo/Leitrim	889	1211	97	97	97	93	85	97	89	94
	HSE-NW Total	2472	3358	97	97	97	95	87	97	93	92
South Eastern	Carlow/Kilkenny	2270	1828	92	92	92	92	64	92	91	88
	South Tipperary	1571	1308	92	92	92	91	60	92	90	90
	Waterford	2334	1940	88	88	88	88	59	88	87	82
	Wexford	2551	2105	91	91	91	91	64	91	90	87
	HSE-SE Total	8726	7181	91	91	91	90	62	91	90	86
Southern	North Cork	1189	1154	94	94	94	94	77	94	94	87
	North South Lee	5129	5122	95	95	95	95	75	95	95	90
	West Cork	675	660	89	89	89	89	67	89	89	80
	Kerry	1764	1751	92	92	92	92	73	92	92	83
	HSE-S Total	8757	8687	94	94	94	94	74	94	94	88
Western	Galway	1740	3385	92	92	92	92	63	92	92	84
	Mayo	885	1698	94	94	94	93	61	94	93	83
	Roscommon	452	860	97	97	97	96	86	97	97	92
	HSE-W Total	4488	5943	93	93	93	93	68	93	93	85
Ireland	62221	62965	92	92	92	92	74	92	91	87	

na=not available

*As the denominator/number in cohort varied slightly according to vaccine, most commonly used number is presented here.

† The HSE-NW Hib_b Q3 2007 figures were not available, therefore, the HSE-NW Area and LHO Hib_b rates for 2007 are incomplete.

The HSE-SE Hib_b rates are underestimates due to the data extraction method.

The HSE-W Area and LHO Hib_b rates were not available in Q1 2007. The number in the cohort for Hib_b and the number vaccinated with Hib_b were reported in Q2 2007 for the HSE-W Area as a whole but these were not available for the LHOs in Q2 2007 (only the percentage uptake was reported for the LHOs). Therefore, the HSE-W Hib_b rates for 2007 are incomplete; the HSE-W Area Hib_b 2007 rates are the uptake rates for Q2-Q4 2007 while the HSE-W LHO rates are the uptake rates for Q3-Q4 2007. This is also why the sum of the number in the cohort for Hib_b in the three LHOs in the HSE-W is not equal to the number in the cohort for the Hib_b for the HSE-W Area reported here.

For these reasons the national Hib_b figure is incomplete.

Please note while North Lee and South Lee are two separate LHOs their combined immunisation uptake data are reported here.

Appendix 1

Local Health Office (LHO) Codes (used in the maps in this report)	Local Health Office (LHO)
CE	Clare
CN/MN	Cavan/Monaghan
CW/KK	Carlow/Kilkenny
DL	Donegal
DN	Dublin North
DNC	Dublin North Central
DNW	Dublin North West
DS	Dublin South
DSC	Dublin South City
DSE	Dublin South East
DSW	Dublin South West
DW	Dublin West
G	Galway
KE/WW	Kildare/West Wicklow
KY	Kerry
L	Limerick
LD/WD	Longford/Westmeath
LH	Louth
LS/OY	Laois/Offaly
MH	Meath
MO	Mayo
NC	North Cork
NSL*	North South Lee*
RN	Roscommon
SO/LM	Sligo/Leitrim
TN/EL	Tipperary North /East Limerick
TS	South Tipperary
WC	West Cork
WD	Waterford
WX	Wexford
WW	Wicklow

*Please note while North Lee and South Lee are two separate LHOs their combined immunisation uptake data are reported here