

**Immunisation Uptake Statistics
for Ireland
Quarter 3, 2000**



**A report by the
National Disease Surveillance Centre**

Dr. Margaret Fitzgerald & Dr. Darina O'Flanagan

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Introduction

In this report the immunisation uptake statistics for children 12 months and 24 months of age in Quarter 3 2000 are presented. These uptake statistics relate to the cohorts of children born between 01/07/1999 and 30/09/1999 and 01/07/1998 and 30/09/1998, respectively.

NDSC would like to thank the health boards for providing this data and special thanks to the Specialists in Public Health Medicine and the Systems Analysts for their assistance.

Results

Quarter 3, 2000

- Immunisation uptake rates of D₃, P₃, T₃, Hib₃, and Polio₃ in children 12 months and 24 months of age in Quarter 3 2000 are presented by health board (Table 1). MMR1 uptake at 24 months is also presented.
- National uptake of D₃, T₃, Hib₃ and Polio₃ at 12 months was 77%, while uptake for P₃ was 76% in Quarter 3, 2000. This is based on figures obtained from six health boards, as NEHB and SHB were unable to provide data on immunisation uptake at 12 months for this quarter. Uptake rates for these vaccines had increased by approx. 10% for the 24 month old cohort.
- As this is the first occasion that uptake data at 12 months was collected from the health boards comparison with previous quarters is not possible.
- Apart from the NEHB quarterly uptake of D₃, T₃, Hib₃, Polio₃ at 24 months did not reach 95% (Table 1 and Fig. 1). However, it was not possible to calculate accurate uptake of P₃ in this health board as the DTaP/DT was reported as a combined figure.
- In this quarter D₃ and T₃ uptake at 24 months ranged from 81% in MHB to 95% in NEHB, with a national uptake rate of 87%.
- P₃ uptake at 24 months ranged from 77% in MHB to 87% in both the SEHB and WHB, with a national uptake rate of 83%. In the calculation of the national P₃ uptake the NEHB and NWHB could not be included in the analysis as DTaP/DT uptake was reported as a combined value by these health boards.

- In this quarter the national uptake of Hib₃ at 24 months was 86% ranging from 80% in MHB to 95% in NEHB.
- Polio₃ uptake at 24 months ranged from 80% in MHB to 95% in NEHB, with a national-uptake figure of 86% being reported.
- Immunisation uptake of MMR1 (81%) once again fell far short of the 95% target for Ireland in this quarter. Uptake ranged from 72% in NWHB to 92% in SEHB.

Quarterly Trends

- Quarterly national uptake rates of D₃, T₃, P₃, Hib₃, Polio₃ and MMR1 at 24 months for 1999 and 2000 are presented in Fig. 2 & Table 2. T₃ uptake is not presented on the chart (Fig. 2) as the figures are identical to D₃ uptake levels. The national quarterly trends show that uptake in Quarter 3, 2000 of D₃, P₃, Hib₃, Polio₃ and MMR1 at 24 months have increased from both Quarters 1 and 2, 2000.
- The most remarkable increase was with MMR1, increasing from 77% in Quarter 2, 2000 to 81% in Quarter 3, 2000. Since the commencement of the collection of the quarterly immunisation statistics in 1999, this has been the highest MMR1 uptake rate recorded.
- In this quarter (Q3) MMR1 uptake has increased in each of the health boards when compared with the previous quarter (Q2) (Fig. 3 & Table 3). NWHB was the exception, where uptake rates remained unchanged between the two quarters (72%). The most notable increases in MMR1 uptake between the two quarters was in ERHA (from 74% to 81%), MWHB (from 75% to 78%), SEHB (from 89% to 92%) and WHB (from 82% to 85%).
- The national MMR1 uptake at 24 months was 77% for 1998 and 1999 and 78% so far for 2000 (Fig. 4 & Table 4). Once again this is far less than the target level of 95%. In 1999 MMR1 uptake ranged from 70% (MHB) to 87% (SEHB), while in 2000 (Q1-Q3) it ranged from 73% (MHB and NWHB) to 89% (SEHB). Apart from NWHB there has been a slight increase in MMR1 uptake in each of the health boards so far in 2000 when compared with 1999 uptake figures.

Table 1. Completed Primary Immunisations by 12 and 24 months in Ireland (July – September, 2000)

Health Board	% Uptake at 12 months Cohort born 01/07/1999 – 30/09/1999					% Uptake at 24 months Cohort born 01/07/1998 – 30/09/1998					
	D ₃	P ₃	T ₃	Hib ₃	Polio ₃	D ₃	P ₃	T ₃	Hib ₃	Polio ₃	MMR1
ERHA	75	73	75	75	75	85	82	85	84	85	81
MHB	70	67	70	71	71	81	77	81	80	80	74
MWHB	74	72	74	74	74	83	80	83	82	83	78
NEHB	*	*	*	*	*	95	**	95	95	95	79
NWHB	69	**	69	69	69	83	**	83	83	83	72
SEHB	90	87	90	90	90	91	87	91	90	91	92
SHB	*	*	*	*	*	86	82	86	85	85	77
WHB	86	84	86	85	85	92	87	92	92	92	85
ROI Total	77	76	77	77	77	87	83	87	86	86	81

*Unable to provide uptake data at 12 months on this occasion.

** P₃ uptake could not be accurately calculated as DTaP/DT uptake was reported as a combined value by these health boards.

Fig. 1

**Immunisation uptake in children at 24 months of age in Quarter 3, 2000
i.e. in cohort born between 01/07/1998 and 30/09/1998**

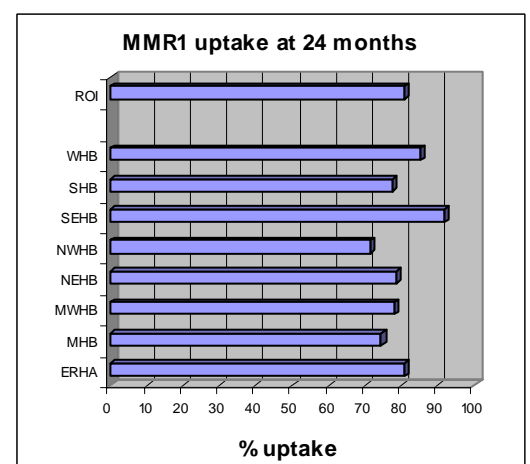
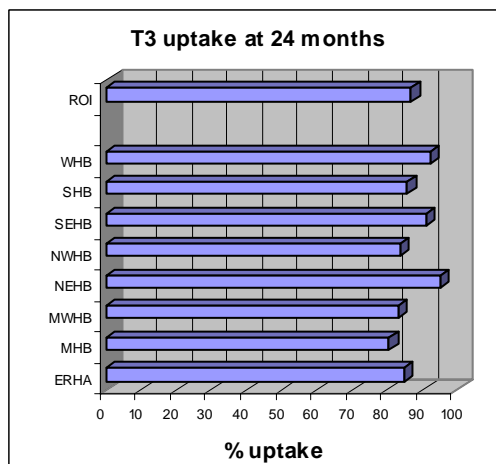
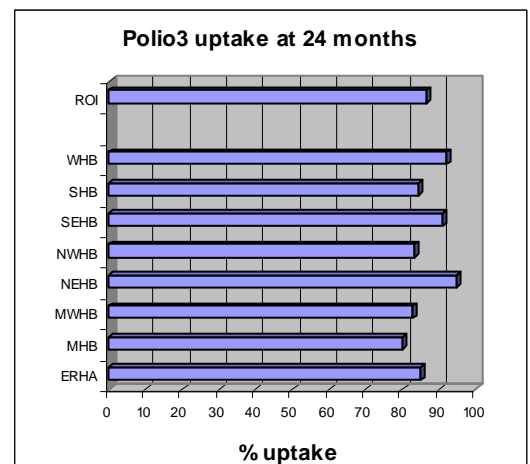
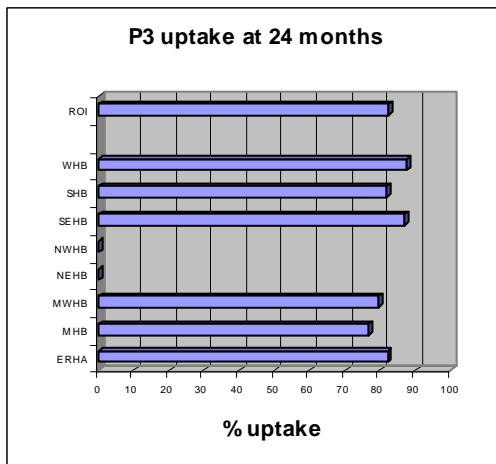
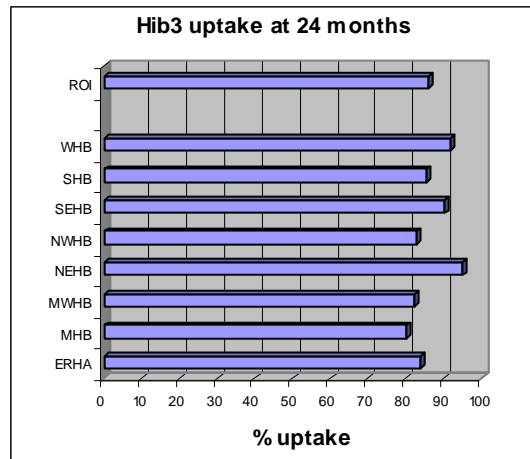
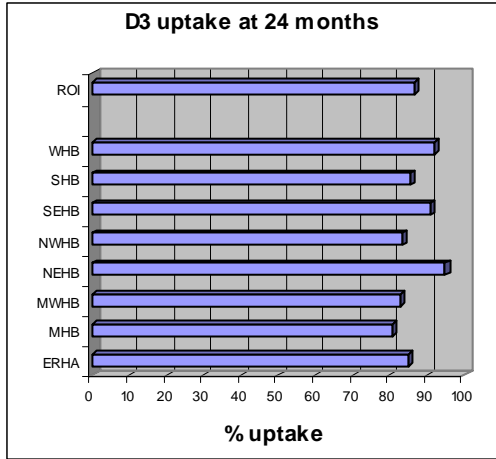


Fig. 2

Quarterly National Immunisation Uptake Trends

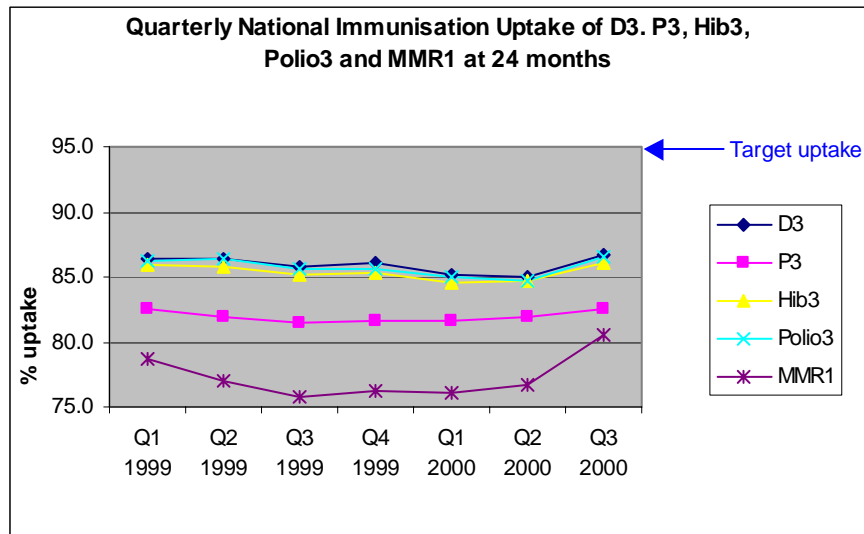


Table 2

Immunisation Uptake at 24 months ~ Quarterly Data						
	D3	P3	T3	Hib3	Polio3	MMR1
Q1 1999	86	83	86	86	86	79
Q2 1999	86	82	86	86	86	77
Q3 1999	86	81	86	85	86	76
Q4 1999	86	82	86	85	86	76
Q1 2000	85	82	85	85	85	76
Q2 2000	85	82	85	85	85	77
Q3 2000	87	83	87	86	86	81

Fig. 3

Quarterly MMR1 Uptake by Health Board in 2000

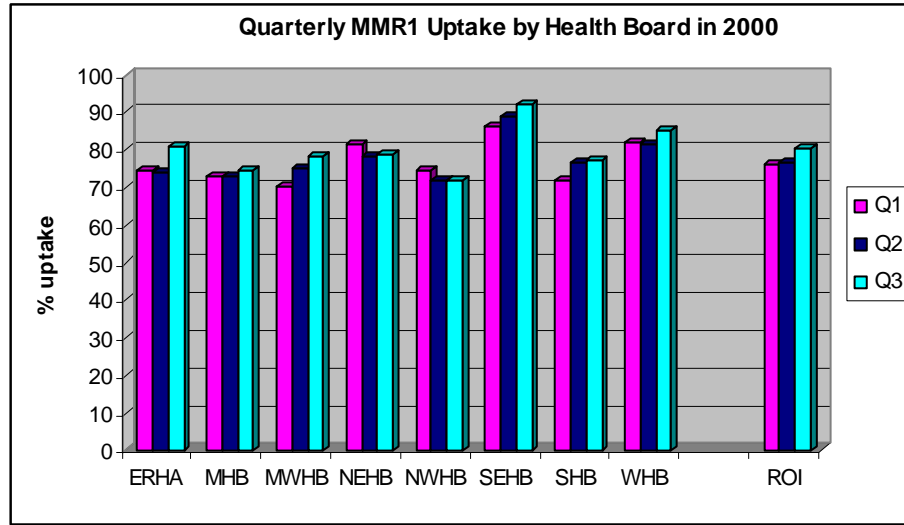
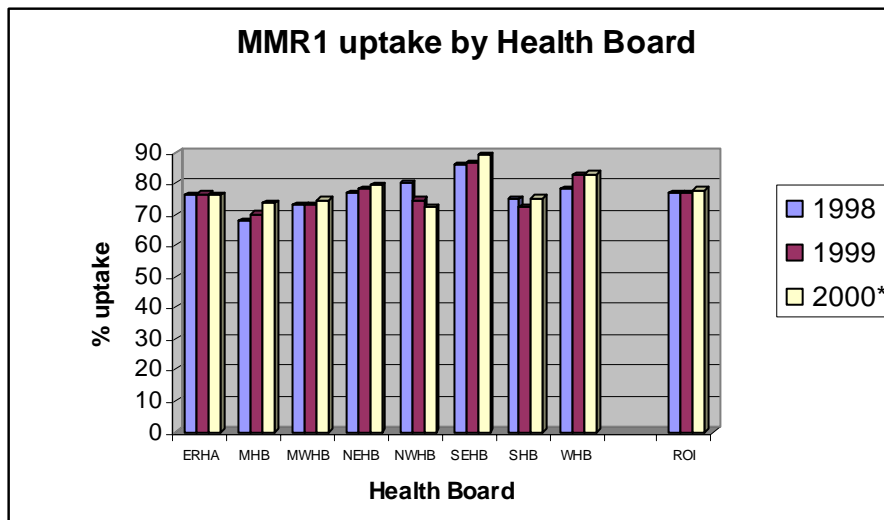


Table 3

Quarterly MMR1 uptake by Health Board in 2000			
	Q1	Q2	Q3
ERHA	75	74	81
MHB	73	73	74
MWHB	70	75	78
NEHB	81	78	79
NWHB	74	72	72
SEHB	86	89	92
SHB	72	76	77
WHB	82	82	85
ROI	76	77	81

Fig. 4

MMR1 Uptake by Health Board 1997-2000



* Quarter 1-3, 2000

Table 4

% MMR1 uptake at 24 months			
	1998	1999	2000*
ERHA	76	77	76
MHB	68	70	73
MWHB	73	73	75
NEHB	77	78	79
NWHB	80	75	73
SEHB	86	87	89
SHB	75	73	75
WHB	78	82	83
ROI	77	77	78

* Quarter 1-3, 2000