

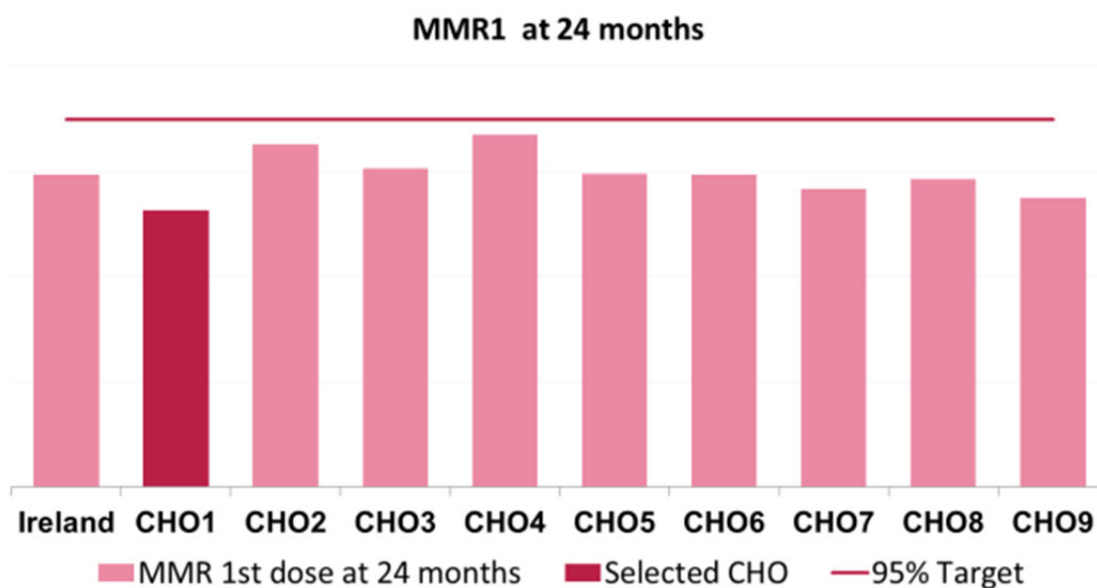
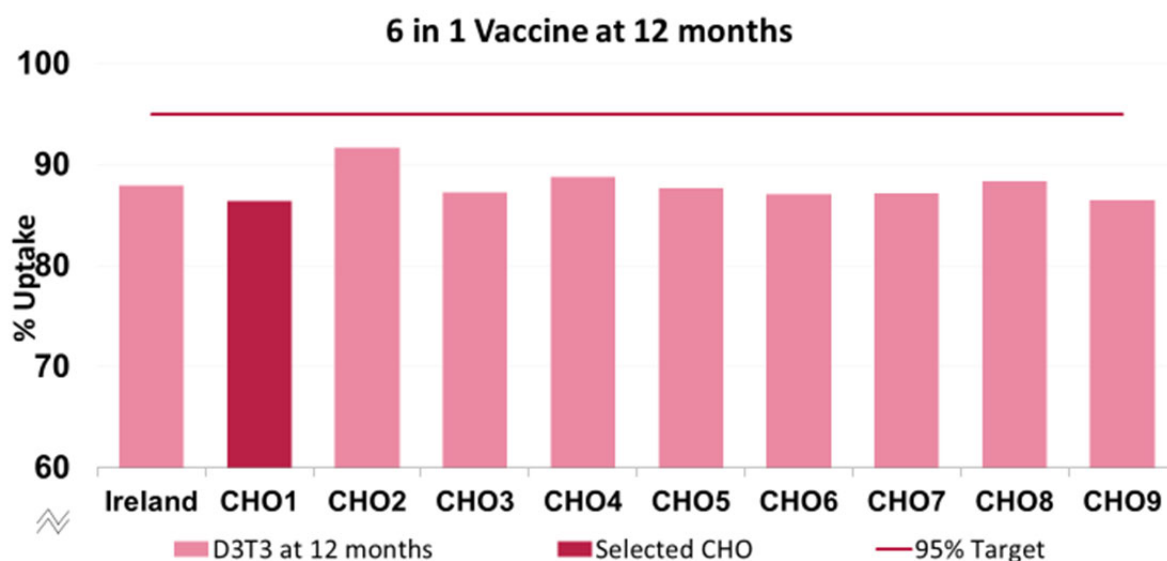


14th October 2022

Immunisations are the most cost effective health intervention available, but concerns are mounting about the return of previously rare but serious and potentially fatal infectious diseases, due to decreased immunisation coverage in Ireland amongst babies and children.

Data extracted from

[Immunisation uptake in Ireland at 12 and 24 months - data up to Quarter 1, 2022](#)

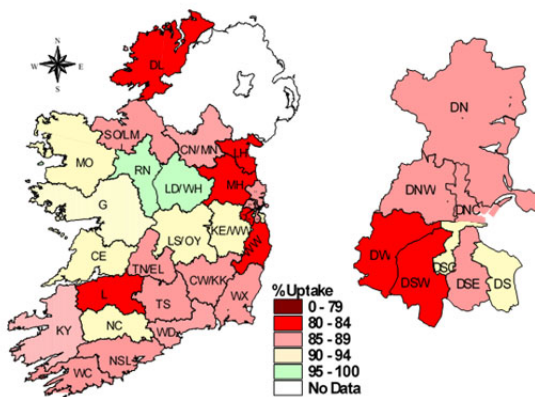


CHO 9 Overview

PCI – 6 in1 Vaccine (Q1 2022)

The following map shows that CHO 9 is not achieving a high uptake of 6 in 1 vaccine which is a Polio containing vaccine at 12 months in all LHOs in your CHO.

At 12 months 6 in 1 vaccine uptake is reported as 86.5% for your CHO and at 24 months 6 in 1 vaccine uptake is reported as 91.2%. The HSE KPI for vaccines is set at 95% which CHO 9 last achieved for 6 in 1 vaccine in Q1 2021.



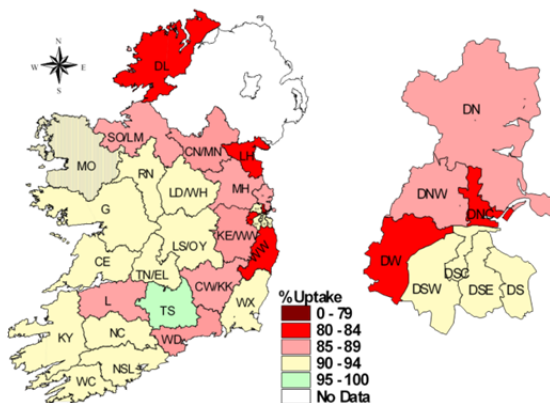
The HSE, DoH CMO and NIAC are concerned that Ireland may experience outbreaks of Polio if we do not increase our uptake of polio containing vaccines. The last reported case of Polio in Ireland was in 1984.

PCI – MMR Vaccine

The following map shows that MMR Uptake for dose 1 at 12 months is not achieving the 95% uptake require to prevent outbreaks of vaccine preventable diseases.

At 24 months MMR vaccine uptake is reported as 87.5% for your CHO. This is a decrease of 2.9% since HPSC Q4 2021 report.

Among the LHOs of CHO 9 uptake of MMR1 at 24 months ranged from 84.1% in Dublin North Central to 89.1% in Dublin North West.



Data extracted from SIS by NIO on 09/10/2022

Schools – Junior Infants primary schools

The following graph shows for CHO 9 that the 95% target has not been achieved for the 2021/2022 academic year.

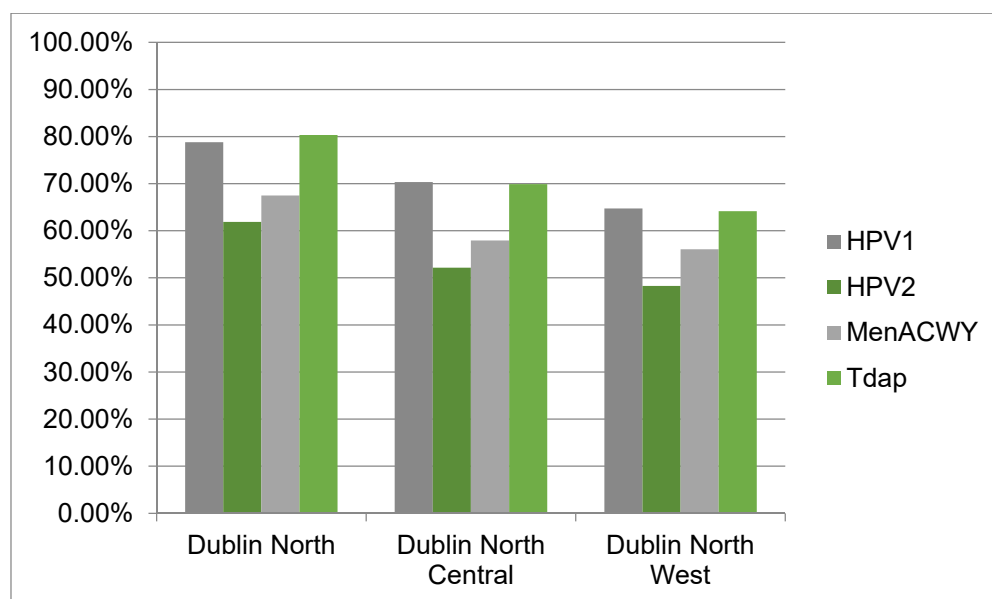
On SIS the 4 in 1 vaccine uptake is currently showing as 77.07% and MMR uptake is currently showing as 78.17%.



Schools – First Year second level schools

There is a worrying low uptake for HPV 2 and MenACWY in all your LHOs which requires further investigation and improvement measures.

For CHO 9 the overall data for the 2021/2022 academic year shows HPV 1 uptake at 72.14%, HPV 2 uptake at 55.14%, Tdap uptake at 72.54% and MenACWY uptake at 61.56%.



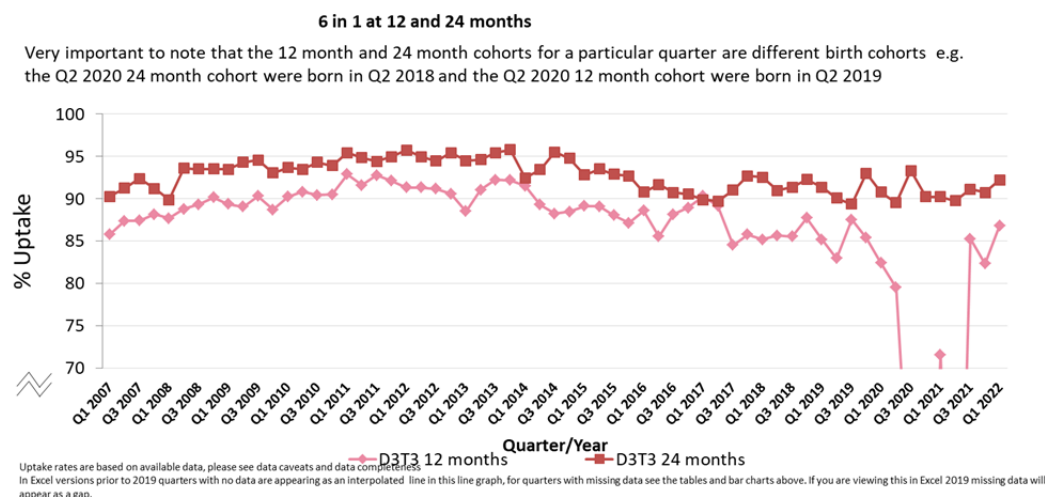
CHO 9 – Dublin North

Primary Childhood Immunisation Programme (PCI)

Data extracted from

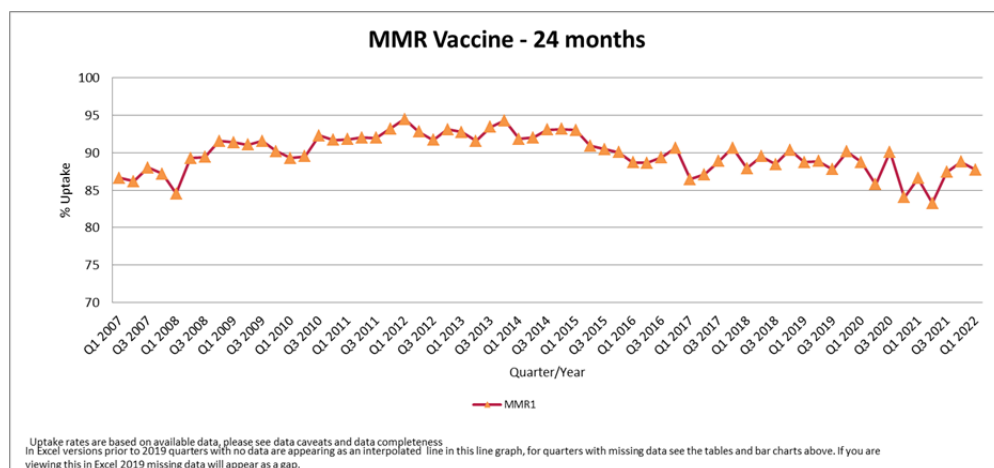
Immunisation uptake in Ireland at 12 and 24 months - data up to Quarter 1, 2022

This graph represents uptake of the 6 in 1 vaccine for Dublin North at 12 and 24 months.



Although uptake at 12 months is rising, at 87% it is still short of target of 95%.

The following graph represent uptake of the MMR vaccine for Dublin North at 24 months. Uptake of MMR in Dublin North was 87.7%, a decrease of 1.03% compared to Q4 2021. In comparison, uptake was 87.5% in CHO 9 and 89.7% in Ireland in Q1 2022.



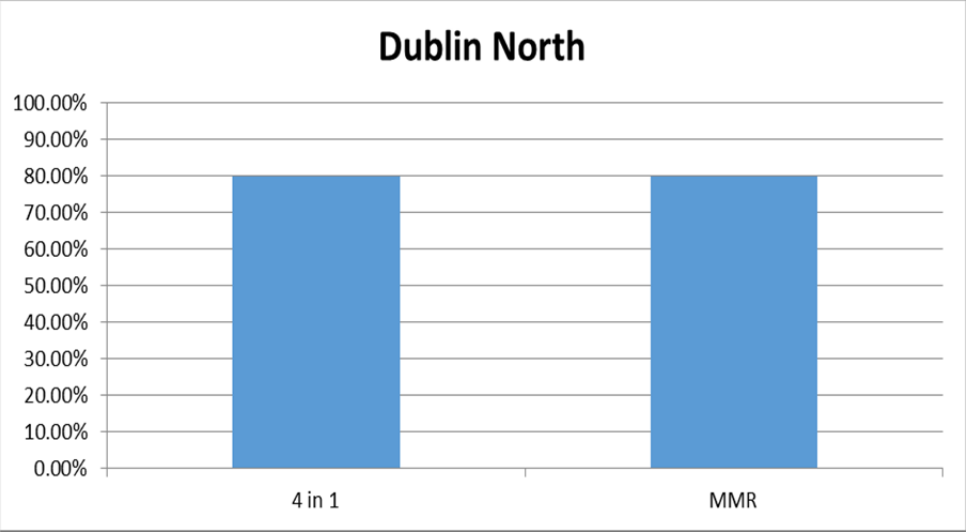
We also note the 4.49% increase in uptake of the 6 in 1 vaccine at 12 months compared to Q4 2021. While the current uptake of 86.8% falls short of target continued improvement here would address the gap.

The HPSC report also highlight other areas of concern. Further investigation is required to understand why HibB, MenC1, PCV2, Rota2, MenB3, MenCb, PCV3, PCVb are not achieving 90% and how uptake can be improved to achieve 95%.

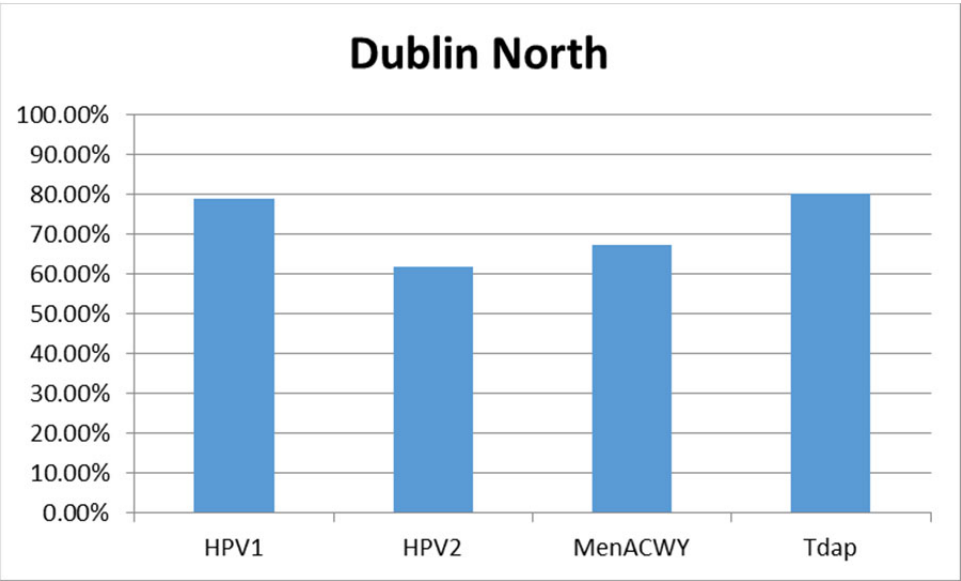
School Immunisation Programme (SIP) 2021/2022

Data extracted from SIS by NIO on 09/10/2022

Primary school programme



Second level school programme



A reminder that the HSE KPI for vaccines is set at 95% (and for HPV is 85%)

CHO 9 – Dublin North Central

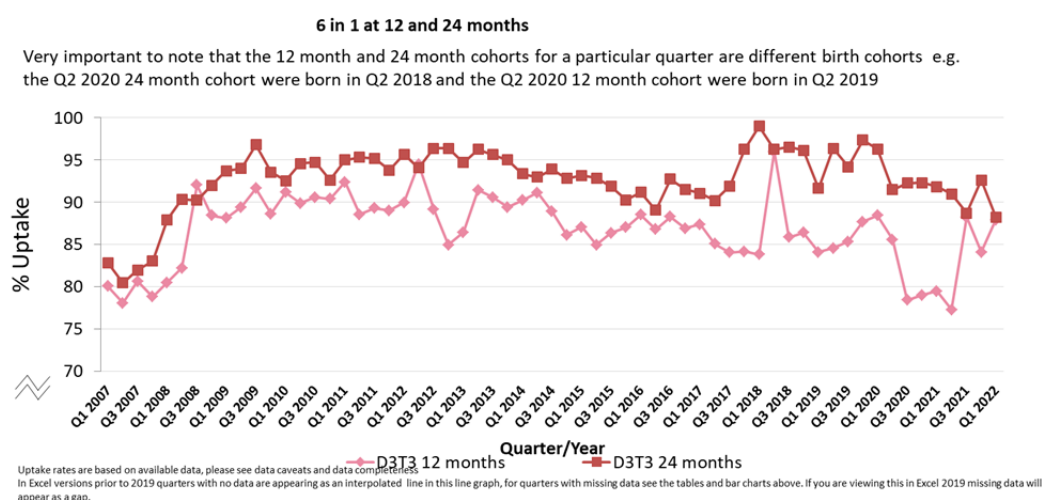
Primary Childhood Immunisation Programme (PCI)

Data extracted from

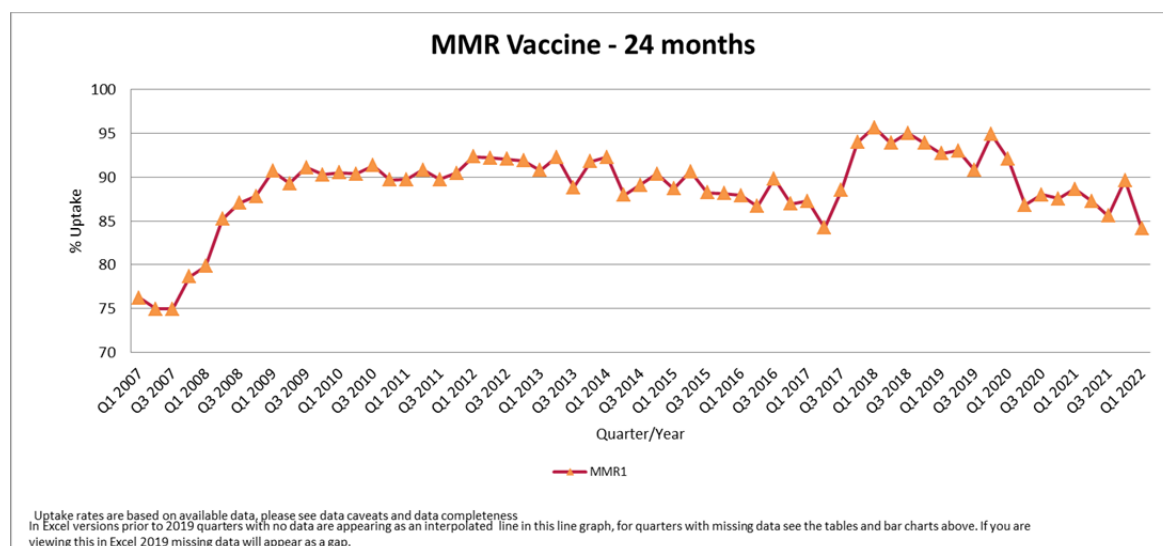
[Immunisation uptake in Ireland at 12 and 24 months - data up to Quarter 1, 2022 \[Excel\]](#)

The following graph represents uptake of the 6 in 1 vaccine for Dublin North Central at 12 and 24 months.

Uptake of the 6 in 1 vaccine at 12 months was 87.9% in Q1 2022; an increase of 3.86% compared to Q4 2021. In comparison, uptake was 86.5% in CHO 9 and 87.9% in Ireland in Q1 2022.



Uptake of MMR1 at 24 months was 84.1% in Q1 2022 in Dublin North Central; a worrying decrease of 5.55% compared to Q4 2021. In comparison, uptake was 87.5% in CHO 9 and 89.7% in Ireland in Q1 2022.

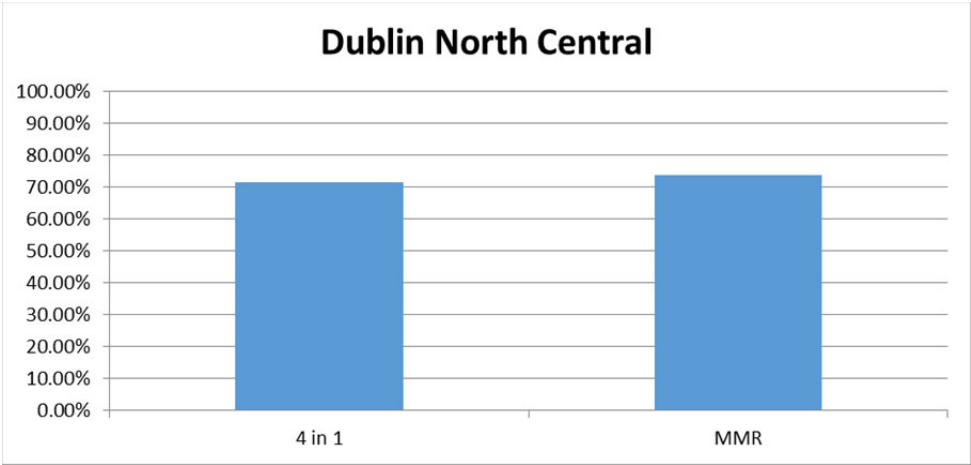


The HPSC report also highlights that not all vaccines are achieving high uptake. Further investigation is required to understand why Hib4, MenC1, PCV2, Rota2, 6 in 1 vaccine, Hibb, MenB3, MenCB, PCV3, and PCVb are not achieving 90% and how uptake can be improved to achieve 95%.

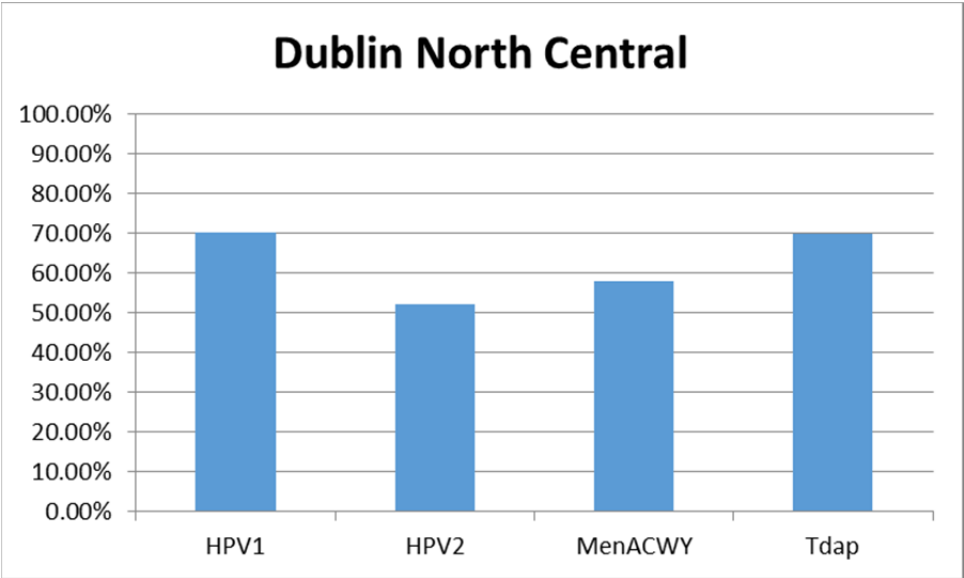
School Immunisation Programme (SIP) 2021/2022

Data extracted from SIS by NIO on 09/10/2022

Primary school programme



Second level school programme



A reminder that the HSE KPI for vaccines is set at 95% (and for HPV is 85%)

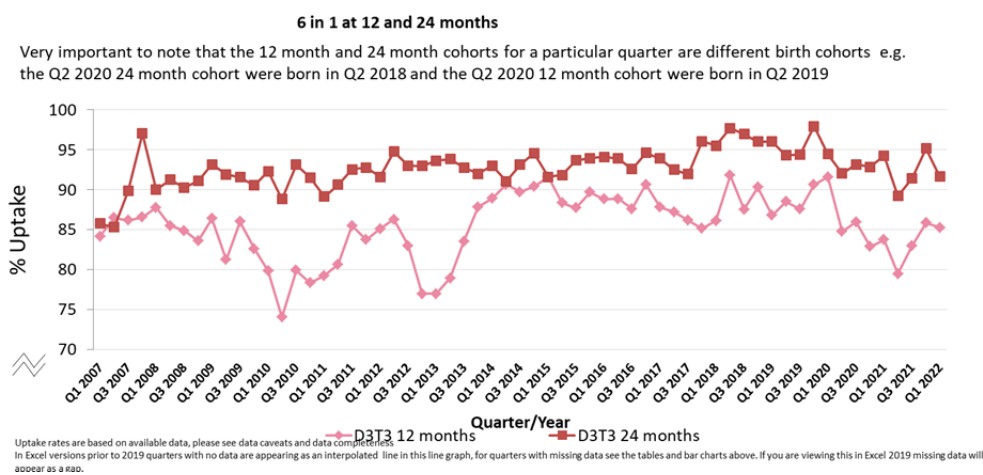
CHO 9 – Dublin North West

Primary Childhood Immunisation Programme (PCI)

Data extracted from

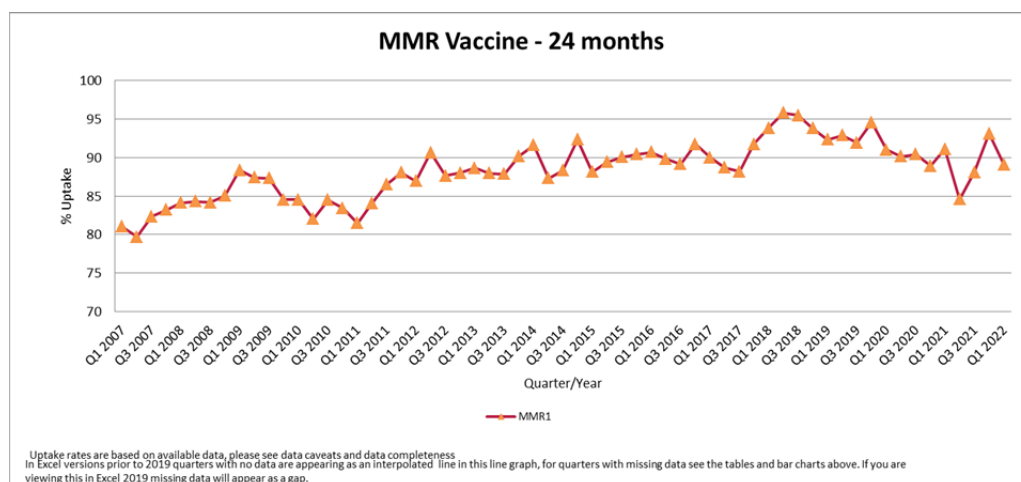
[Immunisation uptake in Ireland at 12 and 24 months - data up to Quarter 1, 2022 \[Excel\]](#)

Uptake of the 6 in 1 vaccine at 12 months was 85.2% in Q1 2022 in Dublin North West; a decrease of 0.59% compared to Q4 2021. In comparison, uptake was 86.5% in CHO 9 and 87.9% in Ireland in Q1



2022.

The MMR1 uptake at 24 months was 89.1% in Q1 2022 in Dublin North West; a significant decrease of 4.02% compared to Q4 2021. In comparison, uptake was 87.5% in CHO 9 and 89.7% in Ireland in Q1



2022.

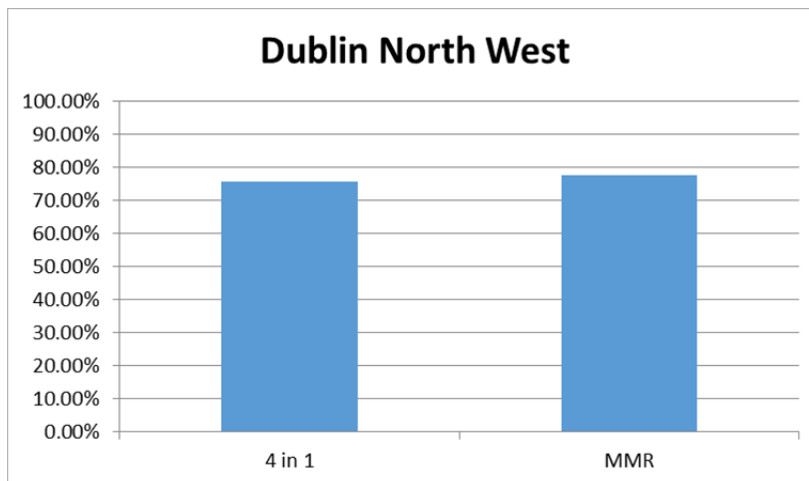
Investigation is required to understand why there was a decline in the 6 in 1 vaccine and as to why the MMR uptake dropped so significantly since the last report.

The HPSC report also highlights that not all vaccines are achieving high uptake. Further investigation is required to understand why HIB4, MenB2, MenC1, PCV2, Rota 2 at 12 months, HIBb, MenB3, MenCB, PCV3, and PCVb are not achieving 90% and how uptake can be improved to achieve 95%. It must be welcomed that Rota2 at 24 months at 91.2% is approaching the 95% target.

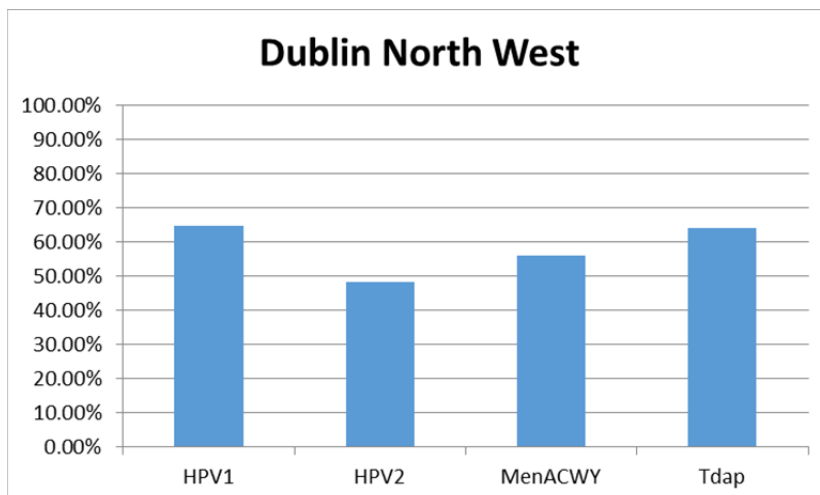
School Immunisation Programme (SIP) 2021/2022

Data extracted from SIS by NIO on 09/10/2022

Primary school programme



Second level school programme



There is a marked difference in uptake between HPV 1 at 64.72% and HPV 2 at 48.27% mirroring very worrying overall trends in CHO 9 which note 72.14% uptake in HPV1 and 55.14% uptake for HPV2. MenACWY uptake at 56.06% is another area of great concern. Again, investigation is required to understand why uptake across school vaccines in Dublin North West falls far short of target.

A reminder that the HSE KPI for vaccines is set at 95% (and for HPV is 85%)