

	<b><u>Agenda Item: 10</u></b>
<b>Report to:</b>	<b>Birmingham Health &amp; Wellbeing Board</b>
<b>Date:</b>	<b>24 November 2020</b>
<b>TITLE:</b>	<b>HEALTH AND WELLBEING FORUM UPDATES</b>
<b>Organisation</b>	<b>Birmingham City Council</b>
<b>Presenting Officer</b>	<b>Andrew Dalton, Public Health England</b>

<b>Report Type:</b>	<b>Presentation</b>
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<b>1. Purpose:</b>
1.1 Describe childhood immunisation uptake in Birmingham
1.2 Assess the impact of the Covid pandemic on uptake
1.3 Describe initiatives to improve uptake in Birmingham

<b>2. Implications:</b>		
BHWB Strategy Priorities	Childhood Obesity	
	Health Inequalities	X
Joint Strategic Needs Assessment		
Creating a Healthy Food City		
Creating a Mentally Healthy City		
Creating an Active City		
Creating a City without Inequality		X
Health Protection		X

<b>3. Recommendation</b>
<p>The Board is asked to note the work that partners are doing together to improve quality and ensure that the borough is well protected against vaccine preventable diseases.</p> <p>The Board is asked to support the work that all partners are carrying out, where they can such as the leadership of the health promotion and community enjoyment role of the Local Authority</p>

## 4. Report Body

### Background

- 4.1 The NHS provides free vaccinations against many diseases in childhood, adolescence, adulthood, pregnancy and older age. The aim is to prevent illness and death associated with infectious disease. Immunisation also help reduce the financial and capacity pressures on NHS treatment services. A full summary of the immunisations offered in childhood can be found at: [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/899422/PHE\\_Routine\\_Childhood\\_Immunisation\\_Schedule\\_Jun2020\\_03.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/899422/PHE_Routine_Childhood_Immunisation_Schedule_Jun2020_03.pdf)
- 4.2 Pre-school immunisations are provided by GP practices at 5 scheduled appointments between 8 weeks and 3 years of age. School Age Immunisation Services (SAIS) provide further immunisations to teenagers in school Year 8 and 9
- 4.3 Most NHS commissioned immunisations are commissioned by NHSEI. CCGs play an important part in primary care quality and performance. Local Authorities have an important role in system leadership, promoting vaccination, community engagement and ensuring Health Visitors and School Nurses help to improve uptake.

### Immunisation in Birmingham

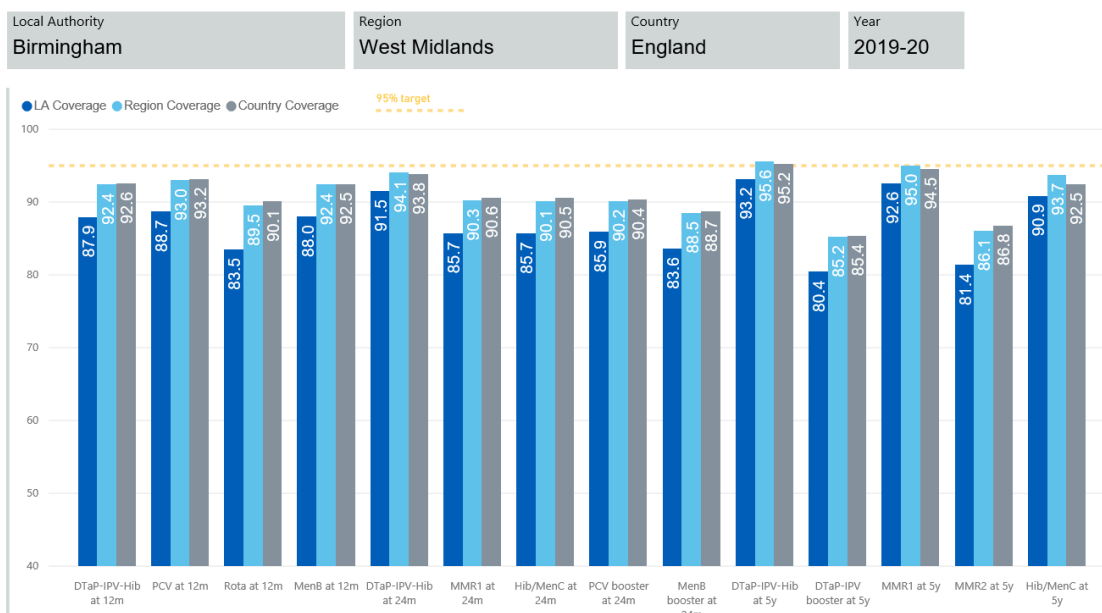


Figure 1; Coverage of childhood immunisations (all offered under age 5) in Birmingham, compared with regional and national average – 2019-20

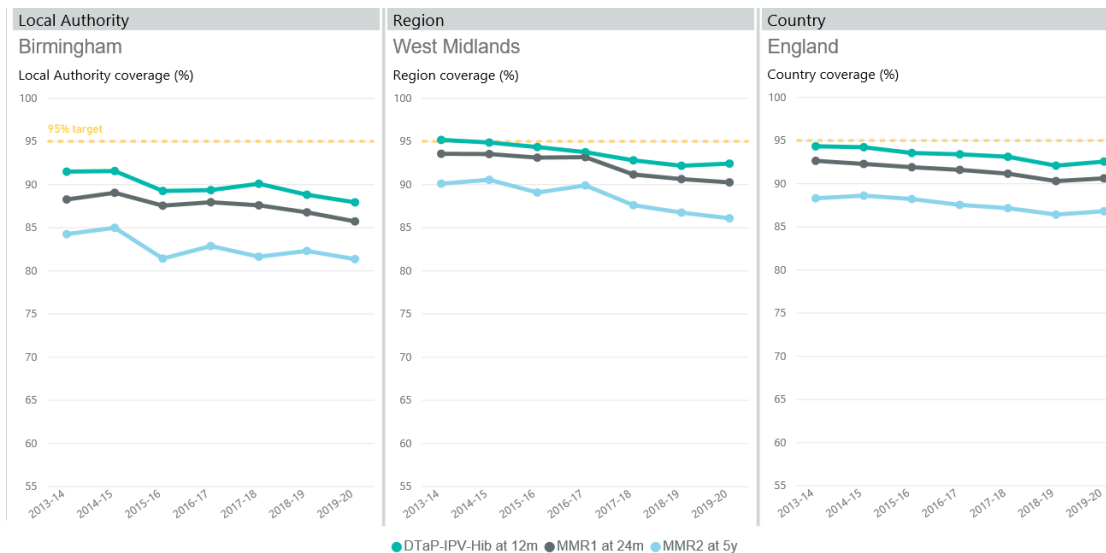


Figure 2; Trend in the coverage of three childhood immunisations between 2013 and 2020 in Birmingham, the West Midlands and England

Immunisation shown are DTaP/IPV/Hib at 12M; MMR1 at 24M; MMR2 at 5

- 4.4 Immunisation uptake in Birmingham is low compared to regional or national figures (figure 1). For example, in 2019/20, MMR uptake in 2 year olds was 85.7% in Birmingham compared to 90.6% for England as a whole. The aim is to achieve 95% target because at that level there is a 'herd immunity' effect meaning that measles outbreaks are unlikely to start or be maintained. It is also important that there are high levels of immunity across all population groups. There has been a decline in vaccination coverage in recent years in Birmingham (figure 2), although this runs in parallel with declines nationally.
- 4.5 Groups at risk of being under-vaccinated include unregistered children, younger children from large families, children with learning disabilities and those from non-English speaking families.
- 4.6 Local variation in coverage

The data below has the caveats below, and must account for these in interpretation:

- **Primary care networks (PCNs) are used as an indication of geography, and DO NOT represent immunisation coverage in each PCN. This is because some practices do not have published data (withheld due to small number) so do not contribute to each PCN total.**
- **Not all practices are affiliated to PCNs, some other practices within Birmingham area do not contribute to this data summary.**
- **PCNs do not represent continuous, co-terminus geographies – so each PCN indicates coverage in a place and does not represent it accurately.**
- **This is based on where patients are registered with general practice, and not where patients live.**

Data are taken from Quarterly GP vaccination coverage statistics for children aged up to five years in England - 2020/21, Quarter 1: April to June 2020

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/927339/COVER\\_GP\\_Q1\\_2020\\_2021\\_v2.0.ods](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/927339/COVER_GP_Q1_2020_2021_v2.0.ods)

Data have been collated and summarised into PCN groups, using the July 2020 GP to PCN Lookup (NHS Digital) <https://digital.nhs.uk/data-and-information/publications/statistical/patients-registered-at-a-gp-practice/july-2020>

	No. of pracs	Estimated DTaPIPVHi bHepB coverage (12M)	Estimated denominator (12M)	Estimated MMR1 coverage (24M)	Estimated denominator (24M)	Estimated MMR2 coverage (5Y)	Estimated denominator (5Y)
ALLIANCE OF SUTTON PRACTICES PCN	3	95%	105	97%	106	93%	102
BALSALL HEATH, SPARKHILL & MOSELEY PCN	8	87%	142	86%	146	83%	160
BIRMINGHAM EAST CENTRAL PCN	5	83%	178	86%	201	67%	203
BORDESLEY EAST PCN	7	87%	149	87%	143	85%	150
BOURNVILLE AND NORTHFIELD PCN	5	80%	129	88%	115	89%	137
COMMUNITY CARE HALL GREEN PCN	3	94%	125	93%	138	94%	133
EDGBASTON PCN	3	90%	105	89%	81	77%	94
GOSK PCN	6	91%	85	87%	101	75%	69
GPS HEALTHCARE PCN	1	95%	98	84%	81	90%	113
HARBORNE PCN	4	93%	75	88%	96	83%	89
KINGSTANDING, ERDINGTON & NECHELLS PCN	7	92%	154	84%	199	80%	170
MMP CENTRAL AND NORTH PCN	1	92%	172	86%	166	85%	197
MOSELEY, BILLESLEY & YARDLEY WOOD PCN	5	89%	115	91%	115	77%	108
NECHELLS, SALTLEY & ALUM ROCK PCN	6	81%	135	85%	144	81%	148
NORTH BIRMINGHAM PCN	6	93%	133	93%	148	85%	168
PERSHORE PCN	8	91%	91	92%	87	90%	84
QUINTON AND HARBORNE PCN	2	93%	101	91%	112	84%	122
SHARD END AND KITTS GREEN PCN	6	95%	107	85%	122	84%	153
SMALL HEATH PCN	7	88%	137	85%	130	82%	158
SMARTCARE CENTRAL PCN	7	86%	134	85%	130	81%	154
SMARTCARE KINGS HEATH PCN	5	92%	97	90%	96	87%	86
SOUTH BIRMINGHAM ALLIANCE PCN	10	89%	203	91%	218	88%	256
SUTTON GROUP PRACTICE PCN	1	93%	113	94%	140	92%	137
SWB CARITAS PCN	1	90%	42	87%	45	85%	54
WASHWOOD HEATH PCN	9	75%	205	82%	217	69%	224
WEOLEY AND RUBERY PCN	6	93%	108	91%	118	90%	132
WEST BIRMINGHAM PCN	7	92%	90	91%	89	90%	84

Table 1; vaccination coverage statistics for three immunisations in children aged up to five years in Birmingham - 2020/21, Quarter 1: April to June 2020, summarised and estimated into primary care network grouping as a proxy for geographical place

Green – estimated coverage above national target (95%)

Yellow – 85% to 95% estimated coverage

Red – estimated coverage below 85%

The data in table 1 indicates that there are areas within Birmingham with lower (and higher) estimated immunisation coverage. These are examples of area to be targeted. These analyses are preliminary, and NHSE/I can support the local authority with the methodology of further analysis. Any areas identified for further intervention will need CCG, LA as well as NHSE&/ PHE to collaborate in this work.

- 4.7 Low immunisation uptake led to a sustained measles outbreak in Birmingham in 2018. Uptake is not published at geographies lower than Local Authority although practice level uptake is available for 2018/19 on the NHS England website <https://www.england.nhs.uk/statistics/statistical-work-areas/child-immunisation/>
- 4.8 Children receive immunisations through GP and school immunisation services. School closures due to the Covid pandemic meant that children were not offered all scheduled immunisations for HPV, Men ACWY and Td/IPV vaccination. Services have offered community alternative provision where possible, but the aim is to ensure all children not offered immunisations in the 2019/20 academic year will be offered the vaccinations by the end of the 2020/21 academic year.

4.9 Practices have continued to offer childhood immunisations during the Covid pandemic so there is no 'backlog' of children who have not been offered GP immunisations. Parents were less likely to attend currently than normally however and so uptake this year risks being lower than previous years. It is difficult to estimate the impact of the pandemic because of the way that the data is collected – robust figures will not be available till around June 2021. However, we have undertaken a bespoke analysis which suggests that uptake in Birmingham and Solihull (no Birmingham only figures are available) may be down around 15% this year compared to around 10% down for the West Midlands as a whole. Children who did not attend their GP immunisations automatically get an automatic second invite and can present at any time to the practice to be immunised.

4.10 All partners have several initiatives to improve childhood immunisation uptake in Birmingham:

#### 4.6.1 NHSEI

- A 2020/21 West Midlands GP scheme pays practices to follow-up the parents of children who persistently fail to attend immunisation appointments
- Birmingham and Coventry are the only areas in the Midlands to recently have had a CHIS (Child Health Information Service) service commissioned where the parents of under-immunised children approaching 1,2 and 5 years of age are contacted by telephone and immunisation appointments arranged.
- These 2 services will be evaluated, and the report share when available.
- A immunisation waiting list action plan is to be developed in Q4 2020/21 to ensure that there are adequate GP slots for the immunisation activity required.
- PHE provides clinical advice for queries and incidents – this improves clinical safety and makes clinicians more confident about answering parent's questions
- The contract for the School Aged Immunisation Service now includes checks of children's MMR status.

#### 4.6.2 Birmingham and Solihull CCG

#### Imms and Vacs Strategic Oversight group

The Immunisation and Vaccination Strategic Oversight Group meet virtually on a fortnightly basis via Microsoft Teams. The membership for the Immunisation and Vaccination Strategic Oversight Group consists of senior leads representing primary care, children & families, commissioning leads and communication and engagement lead across Birmingham and Solihull STP. The key purpose of the group is to provide a forum to improve uptake to immunising and vaccinating the Birmingham and Solihull population, taking a system approach to marshal our collective efforts and resources to ensure we protect our population from preventable diseases in Birmingham and Solihull. Currently there is a priority focus on Flu vaccination programme, updates in relation to potential Covid vaccination programme and childhood immunisation with respective leads representing across the STP.

#### Childhood Imms comms plan

A mix of communications channels and activities is being used to help increase awareness of the key messages around childhood vaccinations and immunisations. Messaging will focus around the importance and benefits of vaccination/immunisation and the range of ways citizens can access vaccination service, paying heed to any specific behavioural or cultural sensitivities to uptake. This will combine press, web and social media messaging, and activity will also be co-ordinated via operational contact with schools through the Birmingham Community Healthcare teams and via Birmingham City Council routes into these settings.

#### 4.6.2 Birmingham Local Authority

The local authority public health team is a key part of the immunisation system providing support in community engagement, through work with health visitors and as a key partner in health promotion

<b>5. Compliance Issues</b>
<b>5.1 HWBB Forum Responsibility and Board Update</b>
5.1.1

<b>5.2 Management Responsibility</b>

<b>6. Risk Analysis</b>			
<b>Identified Risk</b>	<b>Likelihood</b>	<b>Impact</b>	<b>Actions to Manage Risk</b>

<b>Appendices</b>

The following people have been involved in the preparation of this board paper:  
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