

Vaccine Uptake in Children in Wales

April to June 2023

COVER 147: Wales August 2023

Key points

- For children at one year of age, uptake of the “6 in 1” and two doses of MenB was below 95%. Uptake of pneumococcal conjugate vaccination (PCV) was 96.3%. Uptake of two doses of Rotavirus vaccine was 92.4%.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 92.6% this quarter. One HB and five LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 93.2% this quarter. One HB and eight LA areas achieved an uptake of 95% or over.
- The proportion of children up to date with all routine immunisations by four years of age was 84.5% this quarter and was 87.9% in five year olds.
- School based vaccination sessions for teenagers are ongoing for the 2022-23 academic year. Uptake of one dose of HPV vaccine in 2022-23 school year 8 children is currently 53.5%. The uptake will increase over the next quarter as more immunisation sessions take place.
- Coverage of the first dose of HPV vaccine in 2022-23 school year 9 (13-14 year olds) is currently 72.4%. Coverage of the second dose of HPV vaccine in 2022-23 school year 10 (14-15 year olds) is currently 74.1%. These teenagers would have been vaccinated as part of school campaigns in the 2021-22 academic year.
- Uptake of routine MenACWY vaccine in the 2022-23 school year 9 cohort is currently 59.0%. Coverage of the MenACWY vaccine in the 2022-23 school year 10 cohort is 74.8%.
- Uptake of the Td/IPV teenage booster in the 2022-23 school year 9 cohort was 59.2%. Coverage of the Td/IPV teenage booster in the 2022-23 school year 10 is 74.7%.
- Coverage of one dose of MMR vaccine in the 2022-23 school year 10 (age 14-15 years) was 94.9%, coverage of two doses was 92.0%.
- Coverage of one dose of MMR vaccine in the 2022-23 school year 11 (age 15-16 years) was 94.9%, coverage of two doses is 91.5%.

Background

These results are for children living in Wales in June 2023 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/04/2023 to 30/06/2023. Uptake of key immunisations in older children, which are mainly provided through school based programmes in all areas other than Cardiff and Vale University Health Board, are presented in school year cohorts (children reaching their 14th, 15th and 16th birthdays between 01/09/2022 and 31/08/2023). BCG immunisation uptake data are also presented here for children vaccinated selectively following risk assessment. Coverage of neonatal hepatitis B immunisation in infants at risk is also presented, using data from the Public Health Wales Neonatal Hepatitis B database.

Findings

1. Uptake of all three doses of the combined “6 in 1” DTaP/IPV/Hib/HepB¹ vaccine, scheduled at two, three and four months of age, in children reaching their first birthday was 94.2% this quarter, compared to 94.7% last quarter. Uptake ranged by HB from 92.5% (Cardiff and Vale) to 96.6% (Cwm Taf Morgannwg) and by LA from 90.9% (Neath Port Talbot) to 98.4% (Ceredigion). Two of the seven HBs and nine of the 22 LA areas achieved the target 95% uptake (Figures 2, 3 and 6, Tables 2 and 3).
2. Uptake of pneumococcal conjugate vaccination (PCV) in children reaching their first birthday decreased slightly to 96.3% this quarter, compared to 96.4% last quarter. This is the tenth quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 94.5% (Torfaen) to 99.2% (Ceredigion). Six of the seven HBs and 18 of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 3).
3. Uptake of two doses of MenB vaccine, scheduled at two and four months of age, in children reaching their first birthday was 93.9% this quarter. Uptake in HBs ranged from 91.2% (Cardiff and Vale) to 96.2% (Cwm Taf Morgannwg) and ranged by LA from 90.9% (Neath Port Talbot) to 98.6% (Merthyr Tydfil) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 92.4% this quarter, stable compared to last quarter. Uptake in HBs ranged from 89.7% (Aneurin Bevan) to 95.1% (Cwm Taf Morgannwg) and ranged by LA from 87.6% (Newport) to 95.9% (Bridgend, Swansea) (Figures 2 and 3, Tables 2 and 3).
5. Uptake of the first dose of MMR² in children reaching their second birthday (scheduled at 12 to 13 months of age) was 93.2% this quarter. Uptake ranged by HB from 90.9% (Cardiff and Vale) to 96.3% (Cwm Taf Morgannwg) and by LA area from 90.0% (Newport) to 97.2% (Anglesey). One HB and eight LA areas achieved the target of 95% uptake (Figures 2, 3 and 7, Tables 2 and 4).
6. Uptake of the complete three dose course of MenB vaccine in children reaching their second birthday increased slightly this quarter to 92.6% compared to 92.5% last quarter. Uptake ranged by HB from 89.6% (Cardiff and Vale) to 96.0% (Cwm Taf Morgannwg) and by LA from 88.5% (Cardiff) to 97.4% (Merthyr Tydfil). One of the seven HBs and eight of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 4).
7. Uptake of the final dose of Pneumococcal Conjugate Vaccine (PCVf, scheduled at 12 to 13 months of age) in children reaching their second birthday was 93.0%. Uptake ranged by HB from 90.1% (Cardiff and Vale) to 96.6% (Cwm Taf Morgannwg) and ranged by LA from 89.1% (Cardiff) to 97.2 (Anglesey). One HB and eight LA areas achieved an uptake of 95% or over (Figure 3, Tables 2 and 4).
8. Uptake of the Hib/MenC booster (given at 12 to 13 months of age) in children reaching two years of age remained at 92.9% this quarter. Uptake ranged by HB from 90.2% (Cardiff and Vale) to 96.4% (Cwm Taf Morgannwg) and ranged by LA from 89.0% (Newport) to 96.8% (Merthyr Tydfil). One HB and eight LA areas achieved uptakes in excess of 95% (Figures 1, 2 and 3, Tables 2 and 4).
9. In children reaching four years of age this quarter (Table 5), uptake of:
 - The “4 in 1” DTaP/IPV³ pre-school booster was 86.1%
 - The Hib/MenC booster was 94.0%
 - Two doses of MMR was 85.8%

¹ DTaP/IPV/Hib/HepB vaccine protects against Diphtheria, Tetanus, Pertussis (Whooping Cough), Polio, Hib and Hep B infection.

² MMR protects against measles, mumps and rubella infections.

³ DTaP/IPV (and dTaP/IPV) vaccines boost protection against Diphtheria, Tetanus, Pertussis and Polio infection before school entry.

The proportion of children who were up to date with all these routine immunisations at four years of age was 84.5%. This ranged by HB from 82.0% (Hywel Dda) to 89.9% (Powys) and by LA from 78.1% (Denbighshire) to 96.9% (Anglesey) (Figures 4 and 5, Tables 1, 2 and 5).

10. The proportion of children who were up to date with routine immunisations by their fifth birthday was 87.9%, compared to 88.3% last quarter. This ranged by HB from 83.7% (Cardiff and Vale) to 91.7% (Powys) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 95.4%. Coverage of two doses of MMR was 89.3%. Coverage of two doses of MMR ranged by HB from 85.8% (Cardiff and Vale) to 93.9% (Powys) and by LA from 85.1% (Cardiff) to 93.5% (Monmouthshire) (Figures 1, 2, 3 and 8, Tables 2, 6 and 7).
12. Uptake of the “4 in 1” DTaP/IPV³ pre-school booster in children reaching their fifth birthday decreased slightly to 89.7% this quarter compared to 89.9% last quarter, ranging by HB from 85.8% (Cardiff and Vale) to 92.7% (Powys) and by LA from 85.0% (Cardiff) to 94.0% (Anglesey). None of the HBs or LAs achieved the 95% uptake target (Figure 3 and 9, Tables 2, 6 and 7).
13. Uptake of the first dose of HPV vaccine for children in the 2022-23 school year 8 cohort (turning 13 years of age during 01/09/22 to 31/08/23) is currently 53.5%. This is the fourth school cohort to include boys eligible for the HPV vaccine (Table 8a) [2].
14. Coverage of the first dose of HPV vaccine in the 2022-23 school year 9 cohort is currently 72.4% (75.9% in girls and 69.2% in boys) and uptake of the second dose in this age group is currently 51.8% (54.2% in girls and 49.5% in boys) (Table 8b).
15. Coverage of a complete two dose course of HPV vaccine in the 2022-23 school year 10 cohort (reaching their 15th birthday during 01/09/22 to 31/08/23) is currently 74.1% (Table 9). This is the second school cohort to include boys eligible for the HPV vaccine. Uptake in this cohort would have been affected by paused vaccination sessions in schools following COVID-19 measures.
16. Uptake of the MenACWY vaccine in the 2022-23 routine school year 9 cohort is currently 59.0% (Table 10 and 11). Coverage in the 2022-23 school years 10, 11 and 12, is currently 74.8%, 82.5% and 83.4% respectively (Table 10).
17. Uptake of the Td/IPV⁴ teenage booster in the 2022-23 school year 9 (children reaching 14 years of age) is currently 59.2%. Coverage of two doses of MMR in this year group is currently 91.9% and coverage of one dose is 94.9%. Coverage of two doses of MMR vaccine ranged by HB from 88.2% (Powys) to 94.0% (Cwm Taf Morgannwg). Coverage of a full course of immunisation against rubella (two doses of MMR) in 14 year old girls in this school year group was 92.0% (Table 11).
18. Coverage of the Td/IPV teenage booster in the 2022-23 school year 10 (children reaching 15 years of age) is currently 74.7%. Coverage ranged by HB from 65.1% (Aneurin Bevan) to 86.3% (Swansea Bay). Coverage of two doses of MMR in this year group was 92.0% and coverage of one dose was 94.9%. Coverage of two doses of MMR vaccine ranged by HB from 90.1% (Hywel Dda) to 94.3% (Cwm Taf Morgannwg). Coverage of a full course of immunisation against rubella (two doses of MMR) in 15 year old girls in this school year group was 92.4% (Table 12).
19. Coverage of the Td/IPV teenage booster in the 2022-23 school year 11 (children reaching 16 years of age) is currently 82.4%. Coverage ranged by HB from 75.3% (Cardiff and Vale) to 89.2% (Swansea Bay). Coverage of two doses of MMR in this year group was 91.5% and coverage of one dose was 94.9%. Coverage of two doses of MMR vaccine ranged by HB from 89.1% (Hywel Dda) to 93.5% (Cwm Taf Morgannwg). Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls in this school year group was 91.9% (Table 13).

³ DTaP/IPV (and dTaP/IPV) vaccines boost protection against Diphtheria, Tetanus, Pertussis and Polio infection before school entry.

⁴Td/IPV boosts protection against Diphtheria, Tetanus and Polio infection before entering adulthood.

- 20.** Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st April 2023 and 30th June 2023) was 91.4%, whilst coverage of one dose of MMR was 94.7%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls was 91.5%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 81.9% (Figures 1, 2 and 3, Tables 2 and 14).
- 21.** Uptake of BCG immunisation is presented in Table 15. These data are based on BCG immunisations recorded in the National Community Child Health Database. BCG immunisation has been received by 8.2%, 8.3%, 6.9% and 6.7% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter two of 2023. This quarter Cardiff and Vale UHB had the highest proportion of children given BCG by one year of age (21.4%), two years of age (20.0%), five years of age (11.7%) and sixteen years of age (14.5%).
- 22.** Uptake data for hepatitis B immunisation in children who were at risk of perinatal infection, extracted from the Public Health Wales All Wales Neonatal Hepatitis B Immunisation Database, is presented in Table 16. This quarter uptake of three doses of hepatitis B vaccine at their first birthday was 100.0%, uptake of four doses at their second birthday was 60.0% and uptake of four doses at their fifth birthday was 66.7%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

Comment

For the April to June 2023 quarter, uptake of immunisations in infants by the first birthday was broadly stable, however uptake of the complete three-dose course of “6 in 1” decreased slightly and remained below 95%, for the sixth consecutive quarter. Two doses of MenB vaccine also remained slightly below 95%, whilst uptake of PCV was above 95%.

Uptake of vaccinations reported on at two years also remained broadly stable. Coverage of one dose of MMR at two years decreased slightly to 93.2% compared to 93.4% in the previous quarter. Uptake of the MenB vaccine was the lowest of all immunisations reported on in this age group.

The proportion of children who were up to date with their routine immunisations by four years decreased this quarter from 85.4% to 84.5% with coverage varying by health board. Uptake of two doses of MMR vaccine remains the lowest of all vaccinations included in this composite measure. The proportion of children who were up to date with their routine immunisations by five years also decreased and there is wide variation in uptake between health board areas.

Although there were improvements in coverage of those immunisations due in 2021-22 School Year 9. Uptake of Td/IPV, MenACWY and HPV vaccination in this cohort remains lower than previous years. Of all the teenage vaccines, uptake of the HPV vaccine appears to be the most impacted by school interruptions during the pandemic. Uptake of the second dose in 2021-22 school year 9 children is currently 74.1%. MMR coverage in teenagers remains stable, although fewer catch-up doses were given in schools during the 2020-21 and 2021-22 academic years compared to previously [3].

There has been a steady increase in cases of measles reported in England during 2023; the majority of cases have been reported in London, 7 out of 9 UKHSA regions have reported at least one case. As at May 4 2023, only 12 of the 49 cases confirmed were imported or import-related, with the remaining likely the result of community transmission within the UK [6]. UKHSA modelling data predict that an outbreak involving tens of thousands of cases is likely in the UK, unless MMR uptake rates improve [7]. Although the predicted outbreak would be centred in London, an outbreak of this magnitude would likely lead to multiple cases being imported to other areas of the UK, including Wales, and subsequent local transmission.

Catch-up of routine vaccinations at every opportunity, especially around school entry and alongside school vaccination sessions, remains a priority in averting large outbreaks of vaccine-preventable infections.

References

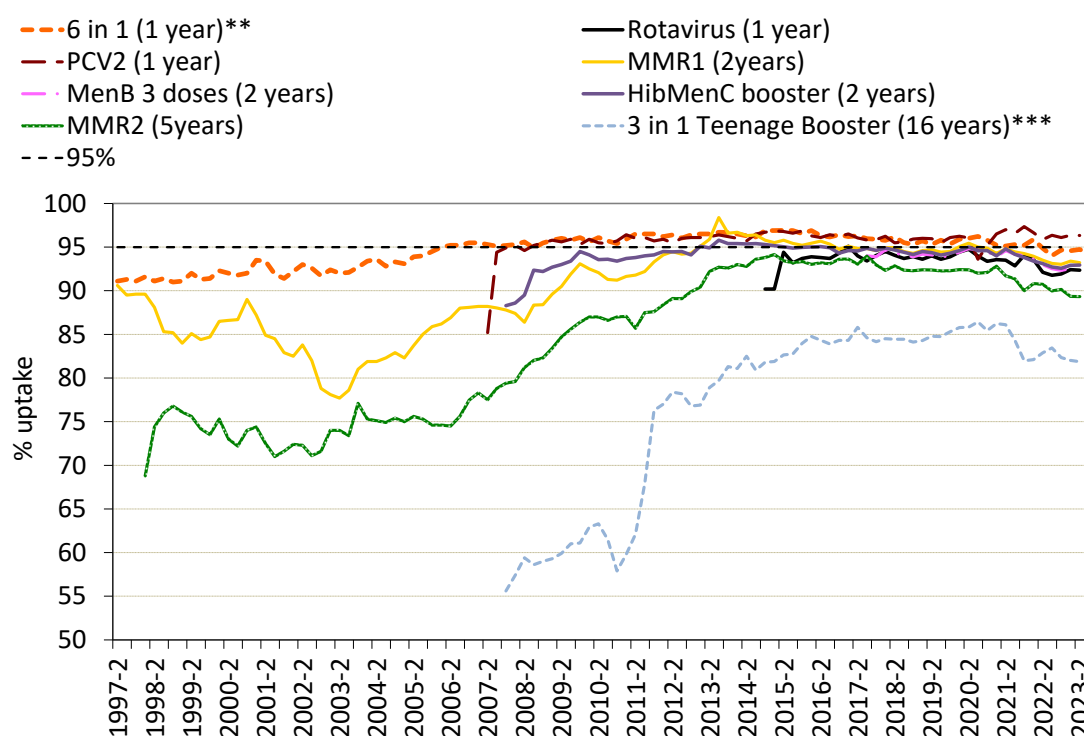
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
2. Welsh Health Circular- Changes to the HPV immunisation programme from the academic school year starting September 2019. Available from: [http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Change%20to%20the%20Human%20Papillomavirus%20\(HPV\)%20Immunisation%20Programme%27%20-%20English.pdf](http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Change%20to%20the%20Human%20Papillomavirus%20(HPV)%20Immunisation%20Programme%27%20-%20English.pdf)
3. Public Health Wales Health Protection Division. MMR coverage in school-aged children in Wales Annual Report 2021/22, November 2022. Cardiff, Public Health Wales. [Vaccine Preventable Disease Programme \(VPDP\) - MMR coverage in school-aged children in Wales 2021-22 v1.pdf](#) (intranet only)
4. Welsh Health Circular- Urgent polio catch-up programme for children under 5 years old. October 2022. Available from: <https://gov.wales/sites/default/files/publications/2022-10/urgent-polio-catch-up-programme-for-children-under-5-years-old.pdf>
5. Joint Committee on Vaccination and Immunisation (JCVI). Statement on vaccination strategy for the ongoing polio incident, July 2022. Available from: <https://www.gov.uk/government/publications/vaccination-strategy-for-ongoing-polio-incident-jcvi-statement/joint-committee-on-vaccination-and-immunisation-statement-on-vaccination-strategy-for-the-ongoing-polio-incident>
6. UK Health Security Agency. Research and analysis: HPR volume 17 issue 5: news (4 May 2023), May 2023. Available from: <https://www.gov.uk/government/publications/health-protection-report-volume-17-2023/hpr-volume-17-issue-5-news-4-may-2023>
7. UKHSA. London at risk of measles outbreaks with modelling estimating tens of thousands of cases, July 2023. Available from: <https://www.gov.uk/government/news/london-at-risk-of-measles-outbreaks-with-modelling-estimating-tens-of-thousands-of-cases>

Report prepared by Public Health Wales Vaccine Preventable Disease Programme and Communicable Disease Surveillance Centre.

Data for this report was provided by NHS Wales Informatics Service from the National Community Child Health Database (NCCHD). The data was sourced from Community Child Health databases maintained by local Child Health Office staff in Trusts throughout Wales based on regular returns from nurses and doctors who immunise or advise on immunisation. Uptake data presented throughout are for HB resident population, not for HB GP practice populations. The maps, graphs, tables 1 and 2 are best viewed in colour.

Suggested citation for this report: Public Health Wales Health Protection Division. Vaccine uptake in Children in Wales, April to June 2023: COVER report 147, August 2023. Cardiff, Public Health Wales. For further information on this report please contact: surveillance.requests@wales.nhs.uk

Figure 1. Percentage uptake of childhood immunisations in Wales, quarter 2 1997 to quarter 2 2023*.

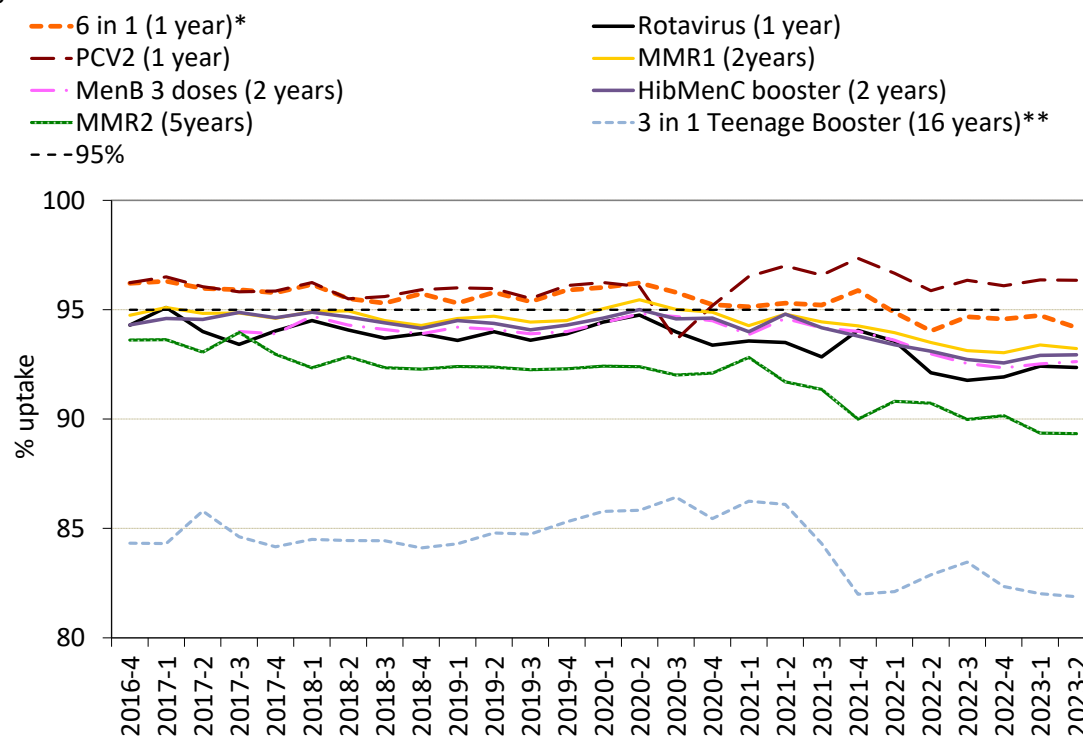


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**Uptake of pertussis used as a proxy.

***Teenage booster dose of diphtheria, tetanus and polio (diphtheria used as proxy).

Figure 2. Percentage uptake of childhood immunisations in Wales, quarter 4 2016 to quarter 2 2023***



* Uptake of pertussis used as proxy.

** Teenage booster dose of diphtheria, tetanus and polio (diphtheria used as proxy).

***Uptake data for MMR2 at 5 years and the "3 in 1" teenage booster at 16 years from 2016 Q4 to 2018 Q3 are based on estimates calculated in February 2019, rather than published data. This is due to improvements in data quality made during early 2019.

Figure 3. Summary of uptake rates for selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/04/23 and 30/06/23 and resident on 30/06/23.

All Wales Summary - COVER 147

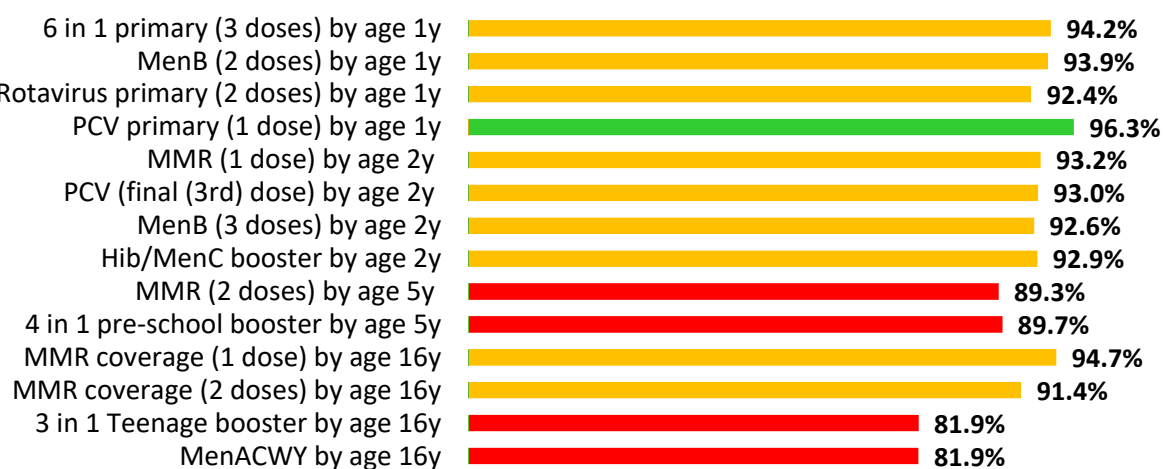


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/04/23 and 30/06/23 and are up to date with all scheduled vaccines⁷ by health board.



Table 1. Percentages of resident children reaching their 4th birthday during quarter 1 2022 to quarter 2 2023 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2022-1	2022-2	2022-3	2022-4	2023-1	2023-2
Aneurin Bevan UHB	86.4	85.5	84.0	84.1	83.2	82.9
Betsi Cadwaladr UHB	87.8	86.9	86.6	87.2	87.8	86.2
Cardiff and Vale UHB	83.5	82.4	80.2	81.8	81.3	82.4
Cwm Taf Morgannwg UHB	87.1	86.6	86.4	87.4	88.5	87.5
Hywel Dda UHB	85.2	84.7	83.1	83.6	85.4	82.0
Powys Teaching HB	90.9	89.1	89.3	90.7	94.9	89.9
Swansea Bay UHB	86.2	86.4	85.0	81.8	83.8	84.3
Wales	86.2	85.6	84.5	84.7	85.4	84.5

⁷Completed "4 in 1" preschool booster, the Hib/MenC booster and second MMR dose by four years of age.

Figure 5. Trends in the percentages of children reaching their 4th birthday during quarter 2 2015 to quarter 2 2023, who are up to date with all scheduled vaccines⁷, by health board.

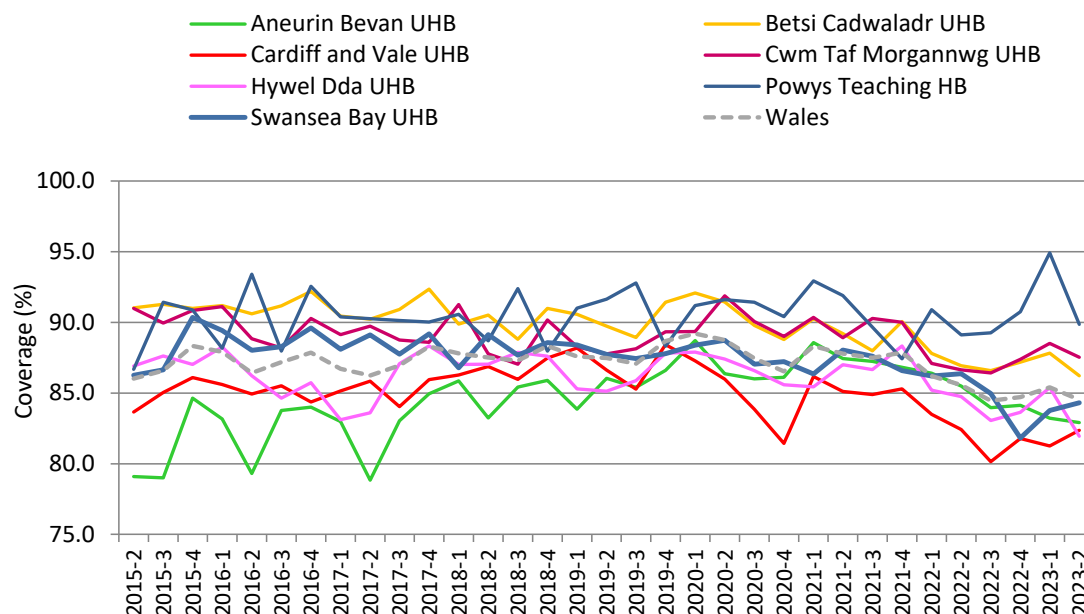


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/04/23 and 31/06/23.

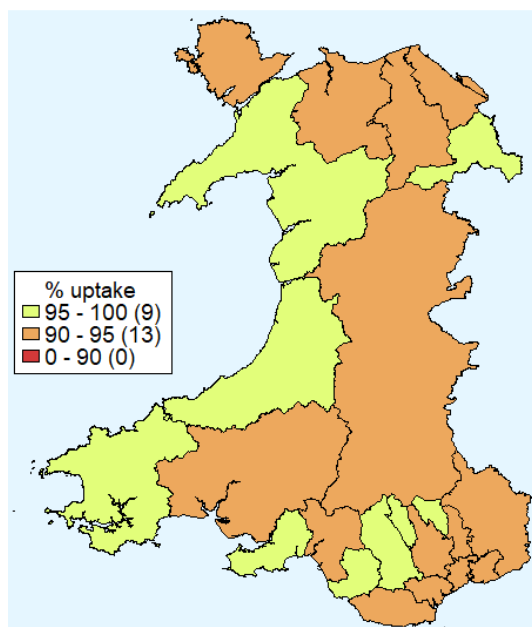


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/04/23 and 31/06/23.

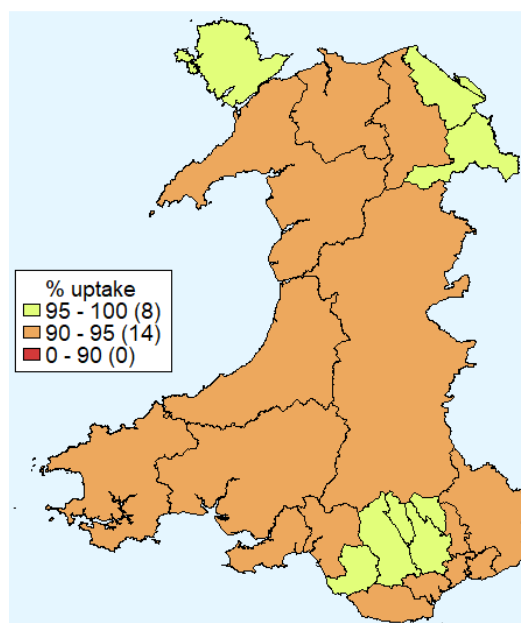


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/04/23 and 31/06/23.

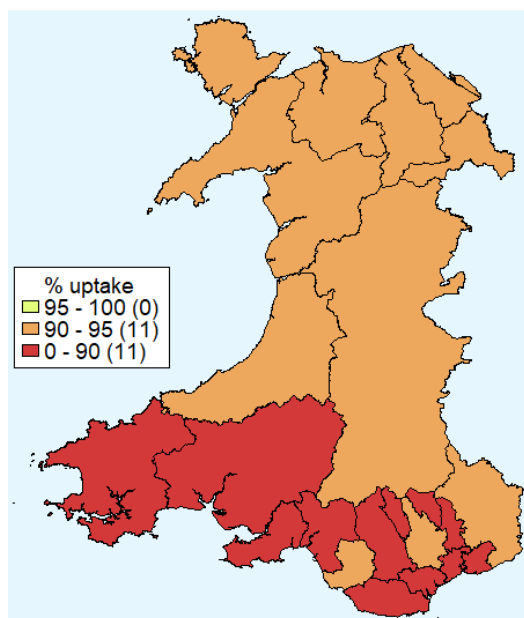


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/04/23 and 31/06/23.

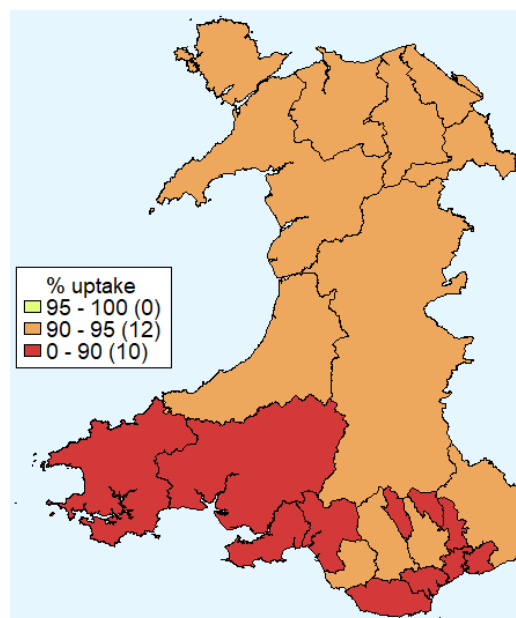


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/04/23 and 30/06/23 and resident on 30/06/23.

Area	Age 1 year					Age 2 years					Age 4 years		Age 5 years			Age 16 years				
	Resident children (n)	6 in 1 ¹	MenB ²	PCV	Rotavirus	Resident children (n)	MMR1	PCV ³	MenB ⁴	Hib/MenC	Resident Children (n)	Up to date in schedule ⁵	Resident children (n)	MMR2	4 in 1 ¹	Resident children (n)	MMR1	MMR2	MenACWY	3 in 1 Teenage booster ⁶
Aneurin Bevan UHB																				
Blaenau Gwent LA	164	95.7	95.1	97.6	95.7	165	97.0	97.0	96.4	95.2	206	82.0	183	88.5	88.5	188	94.1	91.0	75.5	75.5
Caerphilly LA	394	92.4	93.4	97.0	90.1	379	95.3	95.3	95.0	95.5	431	82.4	491	90.0	91.0	507	96.4	94.3	82.4	82.4
Monmouthshire LA	195	94.9	95.4	95.9	90.8	187	94.1	94.7	93.6	93.6	200	88.5	231	93.5	93.5	259	90.7	88.4	76.8	76.4
Newport LA	482	92.1	92.9	95.0	87.6	500	90.0	89.8	89.0	89.0	508	81.1	462	85.7	87.2	526	94.1	89.4	74.3	75.1
Torfaen LA	237	91.1	91.6	94.5	88.6	235	93.2	93.2	93.2	91.5	270	83.7	252	88.1	88.9	303	97.7	94.7	82.2	80.5
Health Board Total	1472	92.8	93.4	95.9	89.7	1466	93.2	93.2	92.6	92.4	1615	82.9	1619	88.8	89.7	1783	94.9	91.7	78.5	78.4
Betsi Cadwaladr UHB																				
Anglesey LA	132	93.9	95.5	97.0	92.4	144	97.2	97.2	96.5	96.5	131	96.9	183	93.4	94.0	191	95.8	95.3	77.5	77.5
Conwy LA	230	93.0	93.5	95.2	92.2	214	92.5	93.0	91.6	91.6	279	84.9	294	90.8	90.5	292	93.5	91.8	78.1	78.1
Denbighshire LA	202	94.6	94.6	95.5	89.6	247	92.7	91.5	91.9	92.3	260	78.1	258	92.6	93.0	292	91.4	88.4	75.0	75.0
Flintshire LA	325	92.3	92.6	95.4	92.9	354	95.8	96.0	95.5	96.0	349	86.5	394	92.4	92.6	446	94.2	91.7	84.1	84.5
Gwynedd LA	248	96.8	97.2	98.0	95.2	251	94.0	94.0	93.6	94.4	281	86.1	289	91.3	93.1	308	97.1	94.5	89.0	88.6
Wrexham LA	322	97.2	97.2	98.1	91.6	294	95.6	96.3	96.3	96.3	311	89.4	351	92.9	92.9	405	96.0	92.8	83.5	83.7
Health Board Total	1459	94.7	95.1	96.6	92.4	1504	94.6	94.7	94.3	94.6	1611	86.2	1769	92.2	92.6	1934	94.7	92.2	81.8	81.9
Cardiff and Vale UHB																				
Cardiff LA	856	92.5	91.1	94.7	90.3	941	90.2	89.1	88.5	89.3	910	80.2	1013	85.1	85.0	1109	93.3	89.0	72.6	72.3
Vale of Glamorgan LA	307	92.5	91.5	94.8	91.5	317	92.7	93.1	92.7	93.1	320	88.4	389	87.7	87.9	418	96.4	92.3	77.3	77.0
Health Board Total	1163	92.5	91.2	94.8	90.6	1258	90.9	90.1	89.6	90.2	1230	82.4	1402	85.8	85.8	1527	94.2	89.9	73.9	73.6
Cwm Taf Morgannwg UHB																				
Bridgend LA	342	96.5	97.1	98.5	95.9	350	96.3	96.6	96.3	96.6	346	87.6	376	91.8	92.6	438	94.7	90.2	88.6	87.9
Merthyr Tydfil LA	139	97.8	98.6	98.6	94.2	155	96.8	96.8	97.4	96.8	164	86.6	169	87.0	87.0	173	93.6	89.0	76.9	77.5
Rhondda Cynon Taf LA	575	96.3	95.1	97.2	94.8	569	96.1	96.7	95.4	96.1	621	87.8	650	89.8	90.8	705	97.2	94.8	86.4	86.4
Health Board Total	1056	96.6	96.2	97.8	95.1	1074	96.3	96.6	96.0	96.4	1131	87.5	1195	90.0	90.8	1316	95.9	92.5	85.9	85.7
Hywel Dda UHB																				
Cardemarthenshire LA	410	93.7	93.2	96.6	93.9	360	90.6	91.1	90.6	91.1	443	80.6	440	88.4	88.4	536	93.1	89.6	85.8	86.2
Ceredigion LA	128	98.4	98.4	99.2	93.8	125	93.6	93.6	93.6	93.6	145	85.5	159	90.6	91.2	174	94.8	92.5	89.7	89.7
Pembrokeshire LA	257	95.3	94.9	96.9	94.6	255	92.5	92.2	91.4	92.2	271	82.3	288	87.8	88.9	332	94.3	87.7	78.9	79.5
Health Board Total	795	95.0	94.6	97.1	94.1	740	91.8	91.9	91.4	91.9	859	82.0	887	88.6	89.1	1042	93.8	89.4	84.3	84.6
Powys Teaching UHB																				
Health Board Total	227	93.8	93.4	95.2	93.8	252	92.5	91.7	91.7	92.1	286	89.9	314	93.9	92.7	371	93.8	90.3	87.3	86.3
Swansea Bay UHB																				
Neath Port Talbot LA	308	90.9	90.9	95.5	91.6	308	90.9	90.9	91.6	91.6	331	84.0	331	87.0	87.3	425	96.5	94.4	89.9	89.9
Swansea LA	465	97.0	95.1	98.1	95.9	557	92.8	91.0	91.4	92.1	593	84.5	646	89.0	88.7	727	94.1	91.6	89.4	90.4
Health Board Total	773	94.6	93.4	97.0	94.2	865	92.1	91.0	91.4	91.9	924	84.3	977	88.3	88.2	1152	95.0	92.6	89.6	90.2
Unknown	4	50.0	50.0	50.0	50.0	3	66.7	66.7	66.7	66.7	2	100.0	0	0.0	0.0	7	85.7	85.7	42.9	42.9
Wales Total	6949	94.2	93.9	96.3	92.4	7162	93.2	93.0	92.6	92.9	7658	84.5	8163	89.3	89.7	9132	94.7	91.4	81.9	81.9

¹ Uptake of pertussis used as proxy.

² Uptake of two doses of meningococcal serogroup B (MenB) vaccine, scheduled at two and four months of age

³ Children receiving the final dose of PCV

⁴ Uptake of 3 doses of meningococcal serogroup B (MenB) vaccine, scheduled at two, four and 12-13 months of age

⁵ Completed "4 in 1" preschool booster, the Hib/ MenC booster and second MMR dose by four years of age

⁶ Uptake of diphtheria (reinforcing booster dose) used as proxy

	95% and higher
	90% to 95%
	below 90%

Table 3. Vaccine uptake in children reaching their 1st birthday between 01/04/23 and 30/06/23 and resident on 30/06/23.

Area	Resident children	D3	T3	P3	Po3	Hib3	HepB	MMR1	Rotavirus	PCV ¹	Men B ²	HibMenC	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>													
Blaenau Gwent LA	164	157	95.7	157	95.7	157	95.7	157	95.7	157	95.7	157	95.7
Caerphilly LA	394	364	92.4	364	92.4	364	92.4	364	92.4	364	92.4	364	92.4
Monmouthshire LA	195	185	94.9	185	94.9	185	94.9	185	94.9	184	94.4	184	94.4
Newport LA	482	444	92.1	444	92.1	444	92.1	444	92.1	444	92.1	445	92.3
Torfaen LA	237	216	91.1	216	91.1	216	91.1	216	91.1	216	91.1	216	91.1
Health Board Total	1472	1366	92.8	1366	92.8	1366	92.8	1366	92.8	1366	92.8	1366	92.8
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	132	124	93.9	124	93.9	124	93.9	124	93.9	124	93.9	125	94.7
Conwy LA	230	214	93.0	214	93.0	214	93.0	214	93.0	214	93.0	214	93.0
Denbighshire LA	202	191	94.6	191	94.6	191	94.6	191	94.6	191	94.6	191	94.6
Flintshire LA	325	300	92.3	300	92.3	300	92.3	300	92.3	300	92.3	300	92.3
Gwynedd LA	248	240	96.8	240	96.8	240	96.8	240	96.8	239	96.4	239	96.4
Wrexham LA	322	313	97.2	313	97.2	313	97.2	313	97.2	313	97.2	313	97.2
Health Board Total	1459	1382	94.7	1382	94.7	1382	94.7	1382	94.7	1382	94.7	1382	94.7
<u>Cardiff and Vale University HB</u>													
Cardiff LA	856	792	92.5	792	92.5	792	92.5	793	92.6	792	92.5	794	92.8
Vale of Glamorgan LA	307	284	92.5	284	92.5	284	92.5	284	92.5	284	92.5	284	92.5
Health Board Total	1163	1076	92.5	1076	92.5	1076	92.5	1077	92.6	1076	92.5	1078	92.7
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	342	330	96.5	330	96.5	330	96.5	330	96.5	330	96.5	330	96.5
Merthyr Tydfil LA	139	136	97.8	136	97.8	136	97.8	136	97.8	136	97.8	136	97.8
Rhondda Cynon Taf LA	575	554	96.3	554	96.3	554	96.3	554	96.3	554	96.3	554	96.3
Health Board Total	1056	1020	96.6	1020	96.6	1020	96.6	1020	96.6	1020	96.6	1020	96.6
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	410	384	93.7	384	93.7	384	93.7	384	93.7	384	93.7	384	93.7
Ceredigion LA	128	126	98.4	126	98.4	126	98.4	126	98.4	127	99.2	127	99.2
Pembrokeshire LA	257	245	95.3	245	95.3	245	95.3	245	95.3	245	95.3	245	95.3
Health Board Total	795	755	95.0	755	95.0	755	95.0	755	95.0	755	95.0	756	95.1
<u>Powys Teaching HB</u>													
Health Board Total	227	213	93.8	213	93.8	213	93.8	213	93.8	213	93.8	213	93.8
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	308	280	90.9	280	90.9	280	90.9	280	90.9	280	90.9	282	91.6
Swansea LA	465	451	97.0	451	97.0	451	97.0	451	97.0	451	97.0	451	97.0
Health Board Total	773	731	94.6	731	94.6	731	94.6	731	94.6	731	94.6	733	94.8
Unknown	4	2	50.0	2	50.0	2	50.0	2	50.0	2	50.0	2	50.0
Wales Total	6949	6545	94.2	6545	94.2	6545	94.2	6546	94.2	6545	94.2	6550	94.3

¹ One dose of pneumococcal conjugate vaccine.

² Uptake of 3 doses of meningococcal serogroup B (MenB) vaccine, scheduled at two, four and 12-13 months of age

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/04/23 and 30/06/23 and resident on 30/06/23.

Area	Resident children	D3	T3	P3	Po3	Hib3	HepB ¹	MMR1	PCV2 ¹	PCVf ²	Men B ³	HibMenC	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	165	160	97.0	160	97.0	160	97.0	160	97.0	159	96.4	160	97.0
Caerphilly LA	379	365	96.3	365	96.3	365	96.3	365	96.3	365	96.3	361	95.3
Monmouthshire LA	187	180	96.3	180	96.3	180	96.3	180	96.3	176	94.1	182	97.3
Newport LA	500	460	92.0	460	92.0	460	92.0	460	92.0	459	91.8	450	90.0
Torfaen LA	235	222	94.5	222	94.5	222	94.5	222	94.5	219	93.2	224	95.3
Health Board Total	1466	1387	94.6	1387	94.6	1387	94.6	1387	94.6	1386	94.5	1386	94.5
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	144	142	98.6	142	98.6	142	98.6	142	98.6	142	98.6	140	97.2
Conwy LA	214	199	93.0	199	93.0	199	93.0	199	93.0	199	93.0	198	92.5
Denbighshire LA	247	233	94.3	233	94.3	233	94.3	233	94.3	232	93.9	229	92.7
Flintshire LA	354	345	97.5	345	97.5	345	97.5	344	97.2	344	97.2	339	95.8
Gwynedd LA	251	238	94.8	238	94.8	238	94.8	238	94.8	238	94.8	236	94.0
Wrexham LA	294	290	98.6	290	98.6	290	98.6	290	98.6	290	98.6	281	95.6
Health Board Total	1504	1447	96.2	1447	96.2	1447	96.2	1446	96.1	1446	96.1	1423	94.6
<u>Cardiff and Vale University HB</u>													
Cardiff LA	941	884	93.9	884	93.9	884	93.9	884	93.9	884	93.9	849	90.2
Vale of Glamorgan LA	317	305	96.2	305	96.2	305	96.2	305	96.2	305	96.2	294	92.7
Health Board Total	1258	1189	94.5	1189	94.5	1189	94.5	1189	94.5	1189	94.5	1143	90.9
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	350	342	97.7	342	97.7	342	97.7	342	97.7	342	97.7	337	96.3
Merthyr Tydfil LA	155	150	96.8	150	96.8	150	96.8	150	96.8	150	96.8	150	96.8
Rhondda Cynon Taf LA	569	553	97.2	553	97.2	553	97.2	553	97.2	552	97.0	547	96.1
Health Board Total	1074	1045	97.3	1045	97.3	1045	97.3	1045	97.3	1045	97.3	1034	96.3
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	360	341	94.7	341	94.7	341	94.7	341	94.7	341	94.7	326	90.6
Ceredigion LA	125	121	96.8	121	96.8	121	96.8	121	96.8	121	96.8	117	93.6
Pembrokeshire LA	255	238	93.3	238	93.3	238	93.3	238	93.3	236	92.5	236	92.5
Health Board Total	740	700	94.6	700	94.6	700	94.6	700	94.6	700	94.6	698	94.3
<u>Powys Teaching HB</u>													
Health Board Total	252	240	95.2	240	95.2	240	95.2	240	95.2	240	95.2	233	92.5
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	308	292	94.8	292	94.8	292	94.8	292	94.8	292	94.8	280	90.9
Swansea LA	557	534	95.9	534	95.9	534	95.9	534	95.9	534	95.9	517	92.8
Health Board Total	865	826	95.5	826	95.5	826	95.5	826	95.5	826	95.5	797	92.1
Unknown	3	3	100.0	3	100.0	3	100.0	3	100.0	3	100.0	2	66.7
Wales Total	7162	6837	95.5	6837	95.5	6837	95.5	6836	95.4	6835	95.4	6677	93.2

¹ Full primary two dose course of pneumococcal conjugate vaccine.

² Final (booster) dose of pneumococcal conjugate vaccine.

³ Uptake of 3 doses of meningococcal serogroup B (MenB) vaccine, scheduled at two, four and 12-13 months of age.

Table 5. Vaccine uptake in children reaching their 4th birthday between 01/04/23 and 30/06/23 and resident on 30/06/23. The proportion of children who have received all of these vaccines by their 4th birthday is also presented.

Area	Resident children	4 in 1 Preschool Booster ¹		HibMenC		MMR dose 2		Up to date in schedule ²	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	206	170	82.5	197	95.6	169	82.0	169	82.0
Caerphilly LA	431	361	83.8	411	95.4	361	83.8	355	82.4
Monmouthshire LA	200	179	89.5	190	95.0	178	89.0	177	88.5
Newport LA	508	426	83.9	458	90.2	426	83.9	412	81.1
Torfaen LA	270	229	84.8	250	92.6	228	84.4	226	83.7
Health Board Total	1615	1365	84.5	1506	93.3	1362	84.3	1339	82.9
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	131	128	97.7	130	99.2	129	98.5	127	96.9
Conwy LA	279	241	86.4	267	95.7	240	86.0	237	84.9
Denbighshire LA	260	207	79.6	242	93.1	207	79.6	203	78.1
Flintshire LA	349	304	87.1	329	94.3	306	87.7	302	86.5
Gwynedd LA	281	244	86.8	264	94.0	246	87.5	242	86.1
Wrexham LA	311	283	91.0	300	96.5	282	90.7	278	89.4
Health Board Total	1611	1407	87.3	1532	95.1	1410	87.5	1389	86.2
<u>Cardiff and Vale University HB</u>									
Cardiff LA	910	752	82.6	828	91.0	744	81.8	730	80.2
Vale of Glamorgan LA	320	288	90.0	304	95.0	285	89.1	283	88.4
Health Board Total	1230	1040	84.6	1132	92.0	1029	83.7	1013	82.4
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	346	307	88.7	334	96.5	308	89.0	303	87.6
Merthyr Tydfil LA	164	143	87.2	156	95.1	142	86.6	142	86.6
Rhondda Cynon Taf LA	621	555	89.4	593	95.5	552	88.9	545	87.8
Health Board Total	1131	1005	88.9	1083	95.8	1002	88.6	990	87.5
<u>Hywel Dda University HB</u>									
Cardemarthenshire LA	443	361	81.5	415	93.7	359	81.0	357	80.6
Ceredigion LA	145	126	86.9	136	93.8	125	86.2	124	85.5
Pembrokeshire LA	271	226	83.4	259	95.6	227	83.8	223	82.3
Health Board Total	859	713	83.0	810	94.3	711	82.8	704	82.0
<u>Powys Teaching HB</u>									
Health Board Total	286	259	90.6	273	95.5	260	90.9	257	89.9
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	331	283	85.5	312	94.3	283	85.5	278	84.0
Swansea LA	593	516	87.0	552	93.1	513	86.5	501	84.5
Health Board Total	924	799	86.5	864	93.5	796	86.1	779	84.3
Unknown	2	2	100.0	2	100.0	2	100.0	2	100.0
Wales Total	7658	6590	86.1	7202	94.0	6572	85.8	6473	84.5

¹ Uptake of acellular pertussis used as proxy

² Completed "4 in 1" preschool booster, the Hib/ MenC booster and second MMR dose by four years of age.

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/04/23 and 30/06/23 and resident on 30/06/23. The proportion of children who have received all of these vaccines by their 5th birthday is also presented.

Area	Resident children	4 in 1 Preschool Booster ¹		HibMenCb		MMR dose 2		Up to date in schedule ²	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	183	162	88.5	174	95.1	162	88.5	162	88.5
Caerphilly LA	491	447	91.0	466	94.9	442	90.0	438	89.2
Monmouthshire LA	231	216	93.5	221	95.7	216	93.5	212	91.8
Newport LA	462	403	87.2	415	89.8	396	85.7	386	83.5
Torfaen LA	252	224	88.9	238	94.4	222	88.1	219	86.9
Health Board Total	1619	1452	89.7	1514	93.5	1438	88.8	1417	87.5
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	183	172	94.0	179	97.8	171	93.4	171	93.4
Conwy LA	294	266	90.5	281	95.6	267	90.8	265	90.1
Denbighshire LA	258	240	93.0	251	97.3	239	92.6	238	92.2
Flintshire LA	394	365	92.6	378	95.9	364	92.4	361	91.6
Gwynedd LA	289	269	93.1	270	93.4	264	91.3	259	89.6
Wrexham LA	351	326	92.9	335	95.4	326	92.9	322	91.7
Health Board Total	1769	1638	92.6	1694	95.8	1631	92.2	1616	91.4
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1013	861	85.0	911	89.9	862	85.1	835	82.4
Vale of Glamorgan LA	389	342	87.9	365	93.8	341	87.7	339	87.1
Health Board Total	1402	1203	85.8	1276	91.0	1203	85.8	1174	83.7
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	376	348	92.6	358	95.2	345	91.8	337	89.6
Merthyr Tydfil LA	169	147	87.0	158	93.5	147	87.0	145	85.8
Rhondda Cynon Taf LA	650	590	90.8	625	96.2	584	89.8	576	88.6
Health Board Total	1195	1085	90.8	1141	95.5	1076	90.0	1058	88.5
<u>Hywel Dda University HB</u>									
Cardiff LA	440	389	88.4	418	95.0	389	88.4	384	87.3
Ceredigion LA	159	145	91.2	147	92.5	144	90.6	142	89.3
Pembrokeshire LA	288	256	88.9	268	93.1	253	87.8	252	87.5
Health Board Total	887	790	89.1	833	93.9	786	88.6	778	87.7
<u>Powys Teaching HB</u>									
Health Board Total	314	291	92.7	306	97.5	295	93.9	288	91.7
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	331	289	87.3	305	92.1	288	87.0	286	86.4
Swansea LA	646	573	88.7	593	91.8	575	89.0	561	86.8
Health Board Total	977	862	88.2	898	91.9	863	88.3	847	86.7
Unknown	0	0	0.0	0	0.0	0	0.0	0	0.0
Wales Total	8163	7321	89.7	7662	93.9	7292	89.3	7178	87.9

¹ Uptake of acellular pertussis used as proxy

² Completed "4 in 1" preschool booster, the Hib/ MenC booster and second MMR dose by five years of age.

Table 7. Vaccine uptake in children reaching their 5th birthday between 01/04/23 and 30/06/23 and resident on 30/06/23.

Area	Resident children	D3	T3	P3	Po3	Hib3	MenC ¹	PCVf ²	HibMenC	MMR1	MMR2	D4	T4	aP	Po4												
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)												
<u>Aneurin Bevan University HB</u>																											
Blaenau Gwent LA	183	175	95.6	175	95.6	175	95.6	175	95.6	175	95.6	0	0.0	173	94.5	174	95.1	174	95.1	162	88.5	162	88.5	162	88.5	162	88.5
Caerphilly LA	491	478	97.4	478	97.4	478	97.4	478	97.4	478	97.4	0	0.0	465	94.7	466	94.9	472	96.1	442	90.0	447	91.0	447	91.0	447	91.0
Monmouthshire LA	231	224	97.0	224	97.0	224	97.0	224	97.0	224	97.0	2	0.9	221	95.7	221	95.7	225	97.4	216	93.5	216	93.5	216	93.5	216	93.5
Newport LA	462	424	91.8	424	91.8	424	91.8	425	92.0	424	91.8	1	0.2	412	89.2	415	89.8	428	92.6	396	85.7	403	87.2	403	87.2	403	87.2
Torfaen LA	252	246	97.6	246	97.6	246	97.6	245	97.2	246	97.6	0	0.0	239	94.8	238	94.4	242	96.0	222	88.1	224	88.9	224	88.9	224	88.9
Health Board Total	1619	1547	95.6	1547	95.6	1547	95.6	1547	95.6	1547	95.6	3	0.2	1510	93.3	1514	93.5	1541	95.2	1438	88.8	1452	89.7	1452	89.7	1452	89.7
<u>Betsi Cadwaladr University HB</u>																											
Anglesey LA	183	179	97.8	179	97.8	179	97.8	179	97.8	179	97.8	0	0.0	177	96.7	179	97.8	178	97.3	171	93.4	172	94.0	172	94.0	172	94.0
Conwy LA	294	284	96.6	284	96.6	284	96.6	284	96.6	283	96.3	0	0.0	279	94.9	281	95.6	283	96.3	267	90.8	266	90.5	266	90.5	266	90.5
Denbighshire LA	258	251	97.3	251	97.3	251	97.3	251	97.3	251	97.3	2	0.8	247	95.7	251	97.3	252	97.7	239	92.6	240	93.0	240	93.0	240	93.0
Flintshire LA	394	382	97.0	382	97.0	382	97.0	382	97.0	382	97.0	0	0.0	373	94.7	378	95.9	381	96.7	364	92.4	365	92.6	365	92.6	365	92.6
Gwynedd LA	289	275	95.2	275	95.2	275	95.2	275	95.2	275	95.2	0	0.0	266	92	270	93.4	275	95.2	264	91.3	269	93.1	269	93.1	269	93.1
Wrexham LA	351	334	95.2	334	95.2	334	95.2	334	95.2	333	94.9	0	0.0	332	94.6	335	95.4	338	96.3	326	92.9	326	92.9	326	92.9	326	92.9
Health Board Total	1769	1705	96.4	1705	96.4	1705	96.4	1705	96.4	1703	96.3	2	0.1	1674	94.6	1694	95.8	1707	96.5	1631	92.2	1638	92.6	1638	92.6	1638	92.6
<u>Cardiff and Vale University HB</u>																											
Cardiff LA	1013	931	91.9	931	91.9	931	91.9	930	91.8	932	92.0	0	0.0	890	87.9	911	89.9	947	93.5	862	85.1	861	85.0	861	85.0	861	85.0
Vale of Glamorgan LA	389	364	93.6	363	93.3	364	93.6	363	93.3	363	93.3	0	0.0	361	92.8	365	93.8	370	95.1	341	87.7	342	87.9	342	87.9	342	87.9
Health Board Total	1402	1295	92.4	1294	92.3	1295	92.4	1293	92.2	1295	92.4	0	0.0	1251	89.2	1276	91.0	1317	93.9	1203	85.8	1203	85.8	1203	85.8	1203	85.8
<u>Cwm Taf Morgannwg University HB</u>																											
Bridgend LA	376	365	97.1	365	97.1	365	97.1	365	97.1	365	97.1	0	0.0	358	95.2	358	95.2	369	98.1	345	91.8	348	92.6	348	92.6	348	92.6
Merthyr Tydfil LA	169	160	94.7	160	94.7	160	94.7	160	94.7	160	94.7	0	0.0	158	93.5	158	93.5	159	94.1	147	87.0	147	87.0	147	87.0	147	87.0
Rhondda Cynon Taf LA	650	634	97.5	634	97.5	634	97.5	634	97.5	633	97.4	1	0.2	626	96.3	625	96.2	631	97.1	584	89.8	590	90.8	590	90.8	590	90.9
Health Board Total	1195	1159	97.0	1159	97.0	1159	97.0	1159	97.0	1158	96.9	1	0.1	1142	95.6	1141	95.5	1159	97.0	1076	90.0	1085	90.8	1085	90.8	1085	90.8
<u>Hywel Dda University HB</u>																											
Cardemarthenshire LA	440	423	96.1	423	96.1	423	96.1	423	96.1	423	96.1	1	0.2	407	92.5	418	95.0	422	95.9	389	88.4	390	88.6	389	88.4	389	88.4
Ceredigion LA	159	151	95.0	151	95.0	151	95.0	151	95.0	151	95.0	0	0.0	146	91.8	147	92.5	148	93.1	144	90.6	145	91.2	145	91.2	145	91.2
Pembrokeshire LA	288	275	95.5	275	95.5	275	95.5	275	95.5	275	95.5	0	0.0	268	93.1	268	93.1	273	94.8	253	87.8	256	88.9	256	88.9	256	88.9
Health Board Total	887	849	95.7	849	95.7	849	95.7	849	95.7	849	95.7	1	0.1	821	92.6	833	93.9	843	95.0	786	88.6	791	89.2	791	89.2	790	89.1
<u>Powys Teaching HB</u>																											
Health Board Total	314	301	95.9	301	95.9	301	95.9	301	95.9	301	95.9	2	0.6	299	95.2	306	97.5	308	98.1	295	93.9	292	93.0	292	93.0	291	92.7
<u>Swansea Bay University HB</u>																											
Neath Port Talbot LA	331	316	95.5	316	95.5	316	95.5	316	95.5	316	95.5	0	0.0	301	90.9	305	92.1	310	93.7	288	87.0	289	87.3	289	87.3	289	87.3
Swansea LA	646	610	94.4	610	94.4	610	94.4	608	94.1	609	94.3	2	0.3	580	89.8	593	91.8	606	93.8	575	89.0	573	88.7	573	88.7	573	88.7
Health Board Total	977	926	94.8	926	94.8	926	94.8	924	94.6	925	94.7	2	0.2	881	90.2	898	91.9	916	93.8	863	88.3	862	88.2	862	88.2	862	88.2
Unknown	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Wales Total	8163	7782	95.3	7781	95.3	7782	95.3	7778	95.3	7778	95.3	11	0.1	7578	92.8	7662	93.9	7791	95.4	7292	89.3	7323	89.7	7323	89.7	7321	89.7

¹ One dose of MenC vaccine scheduled at 12 weeks of age.

² Final (booster) dose of pneumococcal conjugate vaccine

Table 8a. Uptake of HPV vaccine in children reaching 13 years of age between 01/09/22 and 31/08/23 (School Year 8) and resident on 30/06/23, with breakdown of coverage for sex.

Area	Resident children (n)	HPV 1 dose (n) (%)	Resident girls (n)	HPV 1 dose (girls) (n) (%)	Resident boys (n)	HPV 1 dose (boys) (n) (%)
<u>Aneurin Bevan University HB</u>						
Blaenau Gwent LA	824	419 50.8	419	234 55.8	405	185 45.7
Caerphilly LA	2254	958 42.5	1090	534 49.0	1164	424 36.4
Monmouthshire LA	1082	630 58.2	527	309 58.6	554	321 57.9
Newport LA	2226	1142 51.3	1108	587 53.0	1118	555 49.6
Torfaen LA	1189	463 38.9	602	267 44.4	587	196 33.4
Health Board Total	7575	3612 47.7	3746	1931 51.5	3828	1681 43.9
<u>Betsi Cadwaladr University HB</u>						
Anglesey LA	818	504 61.6	403	265 65.8	415	239 57.6
Conwy LA	1335	408 30.6	657	234 35.6	676	174 25.7
Denbighshire LA	1179	390 33.1	574	205 35.7	605	185 30.6
Flintshire LA	1835	1153 62.8	845	569 67.3	990	584 59.0
Gwynedd LA	1410	878 62.3	660	433 65.6	749	445 59.4
Wrexham LA	1634	992 60.7	808	539 66.7	826	453 54.8
Health Board Total	8211	4325 52.7	3947	2245 56.9	4261	2080 48.8
<u>Cardiff and Vale University HB</u>						
Cardiff LA	4590	1515 33.0	2244	791 35.2	2346	724 30.9
Vale of Glamorgan LA	1743	975 55.9	853	493 57.8	890	482 54.2
Health Board Total	6333	2490 39.3	3097	1284 41.5	3236	1206 37.3
<u>Cwm Taf Morgannwg University HB</u>						
Bridgend LA	1801	1297 72.0	895	672 75.1	906	625 69.0
Merthyr Tydfil LA	697	456 65.4	315	233 74.0	382	223 58.4
Rhondda Cynon Taf LA	3024	2127 70.3	1512	1112 73.5	1512	1015 67.1
Health Board Total	5522	3880 70.3	2722	2017 74.1	2800	1863 66.5
<u>Hywel Dda University HB</u>						
Carmarthenshire LA	2175	104 4.8	1046	55 5.3	1128	49 4.3
Ceredigion LA	759	589 77.6	383	315 82.2	376	274 72.9
Pembrokeshire LA	1424	789 55.4	707	438 62.0	717	351 49.0
Health Board Total	4358	1482 34.0	2136	808 37.8	2221	674 30.3
<u>Powys Teaching HB</u>						
Health Board Total	1321	925 70.0	650	471 72.5	668	454 68.0
<u>Swansea Bay University HB</u>						
Neath Port Talbot LA	1679	1353 80.6	812	673 82.9	867	680 78.4
Swansea LA	2826	2184 77.3	1367	1089 79.7	1459	1095 75.1
Health Board Total	4505	3537 78.5	2179	1762 80.9	2326	1775 76.3
Unknown	25	11 44.0	14	7 50.0	11	4 36.4
Wales Total	37850	20262 53.5	18491	10525 56.9	19351	9737 50.3

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next two quarters as more immunisation sessions take place.

Table 8b. Uptake of HPV vaccine in children reaching 14 years of age between 01/09/22 and 31/08/23 (School Year 9) and resident on 30/06/23, with breakdown of coverage for sex.

Area	Resident children		HPV 1 dose		HPV 2 dose		Resident girls (n)		HPV 1 dose		HPV 2 dose		Resident boys (n)		HPV 1 dose		HPV 2 dose	
	(n)	(n)	(%)	(n)	(%)		(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)		(n)
<u>Aneurin Bevan University HB</u>																		
Blaenau Gwent LA	812	556	68.5	447	55.0	381	272	71.4	226	59.3	431	284	65.9	221	51.3			
Caerphilly LA	2213	1480	66.9	856	38.7	1073	768	71.6	473	44.1	1140	712	62.5	383	33.6			
Monmouthshire LA	1113	795	71.4	666	59.8	550	417	75.8	348	63.3	563	378	67.1	318	56.5			
Newport LA	2181	1334	61.2	869	39.8	1016	652	64.2	416	40.9	1164	682	58.6	453	38.9			
Torfaen LA	1170	798	68.2	405	34.6	543	401	73.8	196	36.1	626	397	63.4	209	33.4			
Health Board Total	7489	4963	66.3	3243	43.3	3563	2510	70.4	1659	46.6	3924	2453	62.5	1584	40.4			
<u>Betsi Cadwaladr University HB</u>																		
Anglesey LA	818	647	79.1	588	71.9	386	324	83.9	300	77.7	432	323	74.8	288	66.7			
Conwy LA	1234	892	72.3	517	41.9	615	463	75.3	287	46.7	619	429	69.3	230	37.2			
Denbighshire LA	1177	712	60.5	400	34.0	582	371	63.7	229	39.3	595	341	57.3	171	28.7			
Flintshire LA	1795	1410	78.6	1180	65.7	878	723	82.3	605	68.9	917	687	74.9	575	62.7			
Gwynedd LA	1323	1013	76.6	946	71.5	641	528	82.4	492	76.8	682	485	71.1	454	66.6			
Wrexham LA	1638	1236	75.5	1010	61.7	771	600	77.8	493	63.9	867	636	73.4	517	59.6			
Health Board Total	7985	5910	74.0	4641	58.1	3873	3009	77.7	2406	62.1	4112	2901	70.5	2235	54.4			
<u>Cardiff and Vale University HB</u>																		
Cardiff LA	4540	2415	53.2	1395	30.7	2244	1251	55.7	682	30.4	2296	1164	50.7	713	31.1			
Vale of Glamorgan LA	1673	1112	66.5	727	43.5	810	585	72.2	387	47.8	863	527	61.1	340	39.4			
Health Board Total	6213	3527	56.8	2122	34.2	3054	1836	60.1	1069	35.0	3159	1691	53.5	1053	33.3			
<u>Cwm Taf Morgannwg University HB</u>																		
Bridgend LA	1702	1440	84.6	1226	72.0	778	673	86.5	577	74.2	924	767	83.0	649	70.2			
Merthyr Tydfil LA	745	535	71.8	406	54.5	384	293	76.3	230	59.9	361	242	67.0	176	48.8			
Rhondda Cynon Taf LA	3016	2563	85.0	2052	68.0	1472	1290	87.6	1023	69.5	1541	1271	82.5	1029	66.8			
Health Board Total	5463	4538	83.1	3684	67.4	2634	2256	85.6	1830	69.5	2826	2280	80.7	1854	65.6			
<u>Hywel Dda University HB</u>																		
Cardiganshire LA	2153	1542	71.6	93	4.3	1069	808	75.6	46	4.3	1084	734	67.7	47	4.3			
Ceredigion LA	608	504	82.9	457	75.2	302	260	86.1	235	77.8	306	244	79.7	222	72.5			
Pembrokeshire LA	1378	939	68.1	692	50.2	695	521	75.0	387	55.7	683	418	61.2	305	44.7			
Health Board Total	4139	2985	72.1	1242	30.0	2066	1589	76.9	668	32.3	2073	1396	67.3	574	27.7			
<u>Powys Teaching HB</u>																		
Health Board Total	1369	1048	76.6	886	64.7	670	533	79.6	456	68.1	698	515	73.8	430	61.6			
<u>Swansea Bay University HB</u>																		
Neath Port Talbot LA	1692	1497	88.5	1279	75.6	821	745	90.7	627	76.4	871	752	86.3	652	74.9			
Swansea LA	2772	2436	87.9	2136	77.1	1336	1194	89.4	1054	78.9	1436	1242	86.5	1082	75.3			
Health Board Total	4464	3933	88.1	3415	76.5	2157	1939	89.9	1681	77.9	2307	1994	86.4	1734	75.2			
Unknown	31	12	38.7	8	25.8	16	9	56.3	6	37.5	15	3	20.0	2	13.3			
Wales Total	37153	26916	72.4	19241	51.8	18033	13681	75.9	9775	54.2	19114	13233	69.2	9466	49.5			

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next two quarters as more immunisation sessions take place.

Table 8c. Uptake of HPV vaccine in children reaching 15 years of age between 01/09/22 and 31/08/23 (School Year 10) and resident on 30/06/23, with breakdown of coverage for sex.

Area	Resident children (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)	Resident girls (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)	Resident boys (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)
<u>Aneurin Bevan University HB</u>															
Blaenau Gwent LA	859	700	81.5	635	73.9	417	352	84.4	319	76.5	442	348	78.7	316	71.5
Caerphilly LA	2278	1916	84.1	1617	71.0	1088	943	86.7	814	74.8	1190	973	81.8	803	67.5
Monmouthshire LA	1120	878	78.4	719	64.2	543	442	81.4	357	65.7	577	436	75.6	362	62.7
Newport LA	2270	1659	73.1	1426	62.8	1093	846	77.4	732	67.0	1176	813	69.1	694	59.0
Torfaen LA	1152	947	82.2	808	70.1	548	469	85.6	391	71.4	604	478	79.1	417	69.0
Health Board Total	7679	6100	79.4	5205	67.8	3689	3052	82.7	2613	70.8	3989	3048	76.4	2592	65.0
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	811	670	82.6	603	74.4	413	362	87.7	316	76.5	398	308	77.4	287	72.1
Conwy LA	1273	1021	80.2	798	62.7	633	537	84.8	416	65.7	639	484	75.7	382	59.8
Denbighshire LA	1220	865	70.9	674	55.2	574	432	75.3	348	60.6	644	433	67.2	326	50.6
Flintshire LA	1850	1487	80.4	1359	73.5	901	733	81.4	677	75.1	949	754	79.5	682	71.9
Gwynedd LA	1321	1127	85.3	1077	81.5	641	565	88.1	540	84.2	680	562	82.6	537	79.0
Wrexham LA	1676	1412	84.2	1301	77.6	815	720	88.3	668	82.0	860	692	80.5	633	73.6
Health Board Total	8151	6582	80.8	5812	71.3	3977	3349	84.2	2965	74.6	4170	3233	77.5	2847	68.3
<u>Cardiff and Vale University HB</u>															
Cardiff LA	4545	3461	76.1	3180	70.0	2241	1786	79.7	1642	73.3	2304	1675	72.7	1538	66.8
Vale of Glamorgan LA	1717	1397	81.4	1277	74.4	834	701	84.1	645	77.3	883	696	78.8	632	71.6
Health Board Total	6262	4858	77.6	4457	71.2	3075	2487	80.9	2287	74.4	3187	2371	74.4	2170	68.1
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	1721	1551	90.1	1444	83.9	830	767	92.4	705	84.9	891	784	88.0	739	82.9
Merthyr Tydfil LA	780	672	86.2	580	74.4	379	339	89.4	295	77.8	401	333	83.0	285	71.1
Rhondda Cynon Taf LA	2958	2622	88.6	2378	80.4	1455	1307	89.8	1193	82.0	1500	1313	87.5	1184	78.9
Health Board Total	5459	4845	88.8	4402	80.6	2664	2413	90.6	2193	82.3	2792	2430	87.0	2208	79.1
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	2326	1989	85.5	1759	75.6	1150	1014	88.2	901	78.3	1176	975	82.9	858	73.0
Ceredigion LA	655	548	83.7	529	80.8	319	282	88.4	272	85.3	336	266	79.2	257	76.5
Pembrokeshire LA	1376	1087	79.0	1014	73.7	684	567	82.9	534	78.1	692	520	75.1	480	69.4
Health Board Total	4357	3624	83.2	3302	75.8	2153	1863	86.5	1707	79.3	2204	1761	79.9	1595	72.4
<u>Powys Teaching HB</u>															
Health Board Total	1517	1234	81.3	1164	76.7	705	597	84.7	558	79.1	812	637	78.4	606	74.6
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	1682	1526	90.7	1410	83.8	790	723	91.5	662	83.8	891	803	90.1	748	84.0
Swansea LA	2940	2626	89.3	2464	83.8	1464	1322	90.3	1242	84.8	1476	1304	88.3	1222	82.8
Health Board Total	4622	4152	89.8	3874	83.8	2254	2045	90.7	1904	84.5	2367	2107	89.0	1970	83.2
Unknown	41	28	68.3	23	56.1	22	13	59.1	11	50.0	19	15	78.9	12	63.2
Wales Total	38088	31423	82.5	28239	74.1	18539	15819	85.3	14238	76.8	19540	15602	79.8	14000	71.6

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next two quarters as more immunisation sessions take place.

Table 9. Uptake of HPV vaccine in children reaching 13, 14 and 15 years of age between 01/09/22 and 31/08/23 and resident on 30/06/23.

Area	13 years (2022-23 School Year 8) ¹			14 years (2022-23 School Year 9) ¹					15 years (2022-23 School Year 10)				
	Resident children (n)	HPV 1 dose (n)	(%)	Resident children (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)	Resident children (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)
<u>Aneurin Bevan University HB</u>													
Blaenau Gwent LA	824	419	50.8	812	556	68.5	447	55.0	859	700	81.5	635	73.9
Caerphilly LA	2254	958	42.5	2213	1480	66.9	856	38.7	2278	1916	84.1	1617	71.0
Monmouthshire LA	1082	630	58.2	1113	795	71.4	666	59.8	1120	878	78.4	719	64.2
Newport LA	2226	1142	51.3	2181	1334	61.2	869	39.8	2270	1659	73.1	1426	62.8
Torfaen LA	1189	463	38.9	1170	798	68.2	405	34.6	1152	947	82.2	808	70.1
Health Board Total	7575	3612	47.7	7489	4963	66.3	3243	43.3	7679	6100	79.4	5205	67.8
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	818	504	61.6	818	647	79.1	588	71.9	811	670	82.6	603	74.4
Conwy LA	1335	408	30.6	1234	892	72.3	517	41.9	1273	1021	80.2	798	62.7
Denbighshire LA	1179	390	33.1	1177	712	60.5	400	34.0	1220	865	70.9	674	55.2
Flintshire LA	1835	1153	62.8	1795	1410	78.6	1180	65.7	1850	1487	80.4	1359	73.5
Gwynedd LA	1410	878	62.3	1323	1013	76.6	946	71.5	1321	1127	85.3	1077	81.5
Wrexham LA	1634	992	60.7	1638	1236	75.5	1010	61.7	1676	1412	84.2	1301	77.6
Health Board Total	8211	4325	52.7	7985	5910	74.0	4641	58.1	8151	6582	80.8	5812	71.3
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4590	1515	33.0	4540	2415	53.2	1395	30.7	4545	3461	76.1	3180	70.0
Vale of Glamorgan LA	1743	975	55.9	1673	1112	66.5	727	43.5	1717	1397	81.4	1277	74.4
Health Board Total	6333	2490	39.3	6213	3527	56.8	2122	34.2	6262	4858	77.6	4457	71.2
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1801	1297	72.0	1702	1440	84.6	1226	72.0	1721	1551	90.1	1444	83.9
Merthyr Tydfil LA	697	456	65.4	745	535	71.8	406	54.5	780	672	86.2	580	74.4
Rhondda Cynon Taf LA	3024	2127	70.3	3016	2563	85.0	2052	68.0	2958	2622	88.6	2378	80.4
Health Board Total	5522	3880	70.3	5463	4538	83.1	3684	67.4	5459	4845	88.8	4402	80.6
<u>Hywel Dda University HB</u>													
Cardamarthenshire LA	2175	104	4.8	2153	1542	71.6	93	4.3	2326	1989	85.5	1759	75.6
Ceredigion LA	759	589	77.6	608	504	82.9	457	75.2	655	548	83.7	529	80.8
Pembrokeshire LA	1424	789	55.4	1378	939	68.1	692	50.2	1376	1087	79.0	1014	73.7
Health Board Total	4358	1482	34.0	4139	2985	72.1	1242	30.0	4357	3624	83.2	3302	75.8
<u>Powys Teaching HB</u>													
Health Board Total	1321	925	70.0	1369	1048	76.6	886	64.7	1517	1234	81.3	1164	76.7
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1679	1353	80.6	1692	1497	88.5	1279	75.6	1682	1526	90.7	1410	83.8
Swansea LA	2826	2184	77.3	2772	2436	87.9	2136	77.1	2940	2626	89.3	2464	83.8
Health Board Total	4505	3537	78.5	4464	3933	88.1	3415	76.5	4622	4152	89.8	3874	83.8
Unknown	25	11	44.0	31	12	38.7	8	25.8	41	28	68.3	23	56.1
Wales Total	37850	20262	53.5	37153	26916	72.4	19241	51.8	38088	31423	82.5	28239	74.1

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next two quarters as more immunisation sessions take place.

Table 10. Uptake of MenACWY vaccine in teenagers reaching 14, 15, 16 and 17 years of age between 01/09/22 and 31/08/23 and resident on 30/06/23.

Area	14 years (2022-23 School Year 9) ¹			15 years (2022-23 School Year 10)			16 years (2022-23 School Year 11) ¹			17 years (2022-23 School Year 12)		
	Resident children (n)	MenACWY (n)	(%)	Resident children (n)	MenACWY (n)	(%)	Resident children (n)	MenACWY (n)	(%)	Resident children (n)	MenACWY (n)	(%)
<u>Aneurin Bevan University HB</u>												
Blaenau Gwent LA	812	515	63.4	859	607	70.7	729	568	77.9	795	670	84.3
Caerphilly LA	2213	933	42.2	2278	1509	66.2	2110	1723	81.7	2135	1779	83.3
Monmouthshire LA	1113	697	62.6	1120	783	69.9	1123	868	77.3	1111	848	76.3
Newport LA	2181	975	44.7	2270	1367	60.2	2072	1530	73.8	1944	1519	78.1
Torfaen LA	1170	439	37.5	1152	768	66.7	1140	919	80.6	1151	931	80.9
Health Board Total	7489	3559	47.5	7679	5034	65.6	7174	5608	78.2	7136	5747	80.5
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	818	453	55.4	811	594	73.2	786	632	80.4	722	614	85.0
Conwy LA	1234	691	56.0	1273	938	73.7	1239	1001	80.8	1236	1061	85.8
Denbighshire LA	1177	523	44.4	1220	800	65.6	1172	903	77.0	1150	896	77.9
Flintshire LA	1795	1159	64.6	1850	1388	75.0	1830	1565	85.5	1686	1318	78.2
Gwynedd LA	1323	877	66.3	1321	1075	81.4	1304	1142	87.6	1350	1189	88.1
Wrexham LA	1638	1017	62.1	1676	1273	76.0	1562	1290	82.6	1572	1260	80.2
Health Board Total	7985	4720	59.1	8151	6068	74.4	7893	6533	82.8	7716	6338	82.1
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4540	2882	63.5	4545	3231	71.1	4369	3224	73.8	4244	3236	76.2
Vale of Glamorgan LA	1673	1108	66.2	1717	1337	77.9	1648	1309	79.4	1517	1290	85.0
Health Board Total	6213	3990	64.2	6262	4568	72.9	6017	4533	75.3	5761	4526	78.6
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1702	1282	75.3	1721	1450	84.3	1765	1566	88.7	1628	1474	90.5
Merthyr Tydfil LA	745	456	61.2	780	590	75.6	725	606	83.6	705	634	89.9
Rhondda Cynon Taf LA	3016	2110	70.0	2958	2356	79.6	2880	2516	87.4	2891	2636	91.2
Health Board Total	5463	3848	70.4	5459	4396	80.5	5370	4688	87.3	5224	4744	90.8
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2153	120	5.6	2326	1759	75.6	2200	1885	85.7	2143	1837	85.7
Ceredigion LA	608	499	82.1	655	561	85.6	676	602	89.1	629	546	86.8
Pembrokeshire LA	1378	905	65.7	1376	883	64.2	1372	1125	82.0	1381	999	72.3
Health Board Total	4139	1524	36.8	4357	3203	73.5	4248	3612	85.0	4153	3382	81.4
<u>Powys Teaching HB</u>												
Health Board Total	1369	956	69.8	1517	1197	78.9	1382	1215	87.9	1397	1178	84.3
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1692	1204	71.2	1682	1446	86.0	1654	1468	88.8	1641	1458	88.8
Swansea LA	2772	2101	75.8	2940	2559	87.0	2798	2508	89.6	2676	2392	89.4
Health Board Total	4464	3305	74.0	4622	4005	86.7	4452	3976	89.3	4317	3850	89.2
Unknown	31	11	35.5	41	25	61.0	31	20	64.5	53	41	77.4
Wales Total	37153	21913	59.0	38088	28496	74.8	36567	30185	82.5	35757	29806	83.4

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next two quarters as more immunisation sessions take place.

Table 11. MMR, Td/IPV and MenACWY vaccine uptake in children in 2022-23 school year 9 reaching their 14th birthday between 01/09/22 and 31/08/23 and resident on 30/06/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ^{1,2}			MenACWY ²	Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	
<u>Aneurin Bevan University HB</u>																				
Blaenau Gwent LA	812	770	94.8	746	91.9	516	63.5	515	63.4	381	359	94.2	347	91.1	431	411	95.4	399	92.6	
Caerphilly LA	2213	2140	96.7	2081	94.0	939	42.4	933	42.2	1073	1037	96.6	1006	93.8	1140	1103	96.8	1075	94.3	
Monmouthshire LA	1113	995	89.4	967	86.9	696	62.5	697	62.6	550	493	89.6	479	87.1	563	502	89.2	488	86.7	
Newport LA	2181	1994	91.4	1911	87.6	975	44.7	975	44.7	1016	924	90.9	889	87.5	1164	1070	91.9	1022	87.8	
Torfaen LA	1170	1133	96.8	1091	93.2	443	37.9	439	37.5	543	527	97.1	502	92.4	626	606	96.8	589	94.1	
Health Board Total	7489	7032	93.9	6796	90.7	3569	47.7	3559	47.5	3563	3340	93.7	3223	90.5	3924	3692	94.1	3573	91.1	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	818	788	96.3	773	94.5	481	58.8	453	55.4	386	375	97.2	371	96.1	432	413	95.6	402	93.1	
Conwy LA	1234	1184	95.9	1161	94.1	683	55.3	691	56.0	615	592	96.3	579	94.1	619	592	95.6	582	94.0	
Denbighshire LA	1177	1102	93.6	1085	92.2	520	44.2	523	44.4	582	544	93.5	538	92.4	595	558	93.8	547	91.9	
Flintshire LA	1795	1702	94.8	1672	93.1	1160	64.6	1159	64.6	878	843	96.0	827	94.2	917	859	93.7	845	92.1	
Gwynedd LA	1323	1258	95.1	1225	92.6	872	65.9	877	66.3	641	607	94.7	592	92.4	682	651	95.5	633	92.8	
Wrexham LA	1638	1553	94.8	1525	93.1	1010	61.7	1017	62.1	771	729	94.6	716	92.9	867	824	95.0	809	93.3	
Health Board Total	7985	7587	95.0	7441	93.2	4726	59.2	4720	59.1	3873	3690	95.3	3623	93.5	4112	3897	94.8	3818	92.9	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	4540	4317	95.1	4134	91.1	2885	63.5	2882	63.5	2244	2150	95.8	2048	91.3	2296	2167	94.4	2086	90.9	
Vale of Glamorgan LA	1673	1622	97.0	1566	93.6	1109	66.3	1108	66.2	810	784	96.8	755	93.2	863	838	97.1	811	94.0	
Health Board Total	6213	5939	95.6	5700	91.7	3994	64.3	3990	64.2	3054	2934	96.1	2803	91.8	3159	3005	95.1	2897	91.7	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	1702	1647	96.8	1597	93.8	1287	75.6	1282	75.3	778	755	97.0	726	93.3	924	892	96.5	871	94.3	
Merthyr Tydfil LA	745	712	95.6	690	92.6	457	61.3	456	61.2	384	369	96.1	357	93.0	361	343	95.0	333	92.2	
Rhondda Cynon Taf LA	3016	2922	96.9	2848	94.4	2101	69.7	2110	70.0	1472	1429	97.1	1396	94.8	1541	1493	96.9	1452	94.2	
Health Board Total	5463	5281	96.7	5135	94.0	3845	70.4	3848	70.4	2634	2553	96.9	2479	94.1	2826	2728	96.5	2656	94.0	
<u>Hywel Dda University HB</u>																				
Carmarthenshire LA	2153	2021	93.9	1956	90.8	129	6.0	120	5.6	1069	1002	93.7	971	90.8	1084	1019	94.0	985	90.9	
Ceredigion LA	608	582	95.7	561	92.3	500	82.2	499	82.1	302	289	95.7	277	91.7	306	293	95.8	284	92.8	
Pembrokeshire LA	1378	1289	93.5	1229	89.2	914	66.3	905	65.7	695	657	94.5	627	90.2	683	632	92.5	602	88.1	
Health Board Total	4139	3892	94.0	3746	90.5	1543	37.3	1524	36.8	2066	1948	94.3	1875	90.8	2073	1944	93.8	1871	90.3	
<u>Powys Teaching HB</u>																				
Health Board Total	1369	1263	92.3	1207	88.2	1022	74.7	956	69.8	670	616	91.9	593	88.5	698	647	92.7	614	88.0	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	1692	1642	97.0	1595	94.3	1205	71.2	1204	71.2	821	797	97.1	774	94.3	871	845	97.0	821	94.3	
Swansea LA	2772	2609	94.1	2521	90.9	2090	75.4	2101	75.8	1336	1253	93.8	1213	90.8	1436	1356	94.4	1308	91.1	
Health Board Total	4464	4251	95.2	4116	92.2	3295	73.8	3305	74.0	2157	2050	95.0	1987	92.1	2307	2201	95.4	2129	92.3	
Unknown	31	21	67.7	21	67.7	12	38.7	11	35.5	16	12	75.0	12	75.0	15	9	60.0	9	60.0	
Wales Total	37153	35266	94.9	34162	91.9	22006	59.2	21913	59.0	18033	17143	95.1	16595	92.0	19114	18123	94.8	17567	91.9	

¹ Teenage booster dose of diphtheria, tetanus and polio (diphtheria used as proxy)

² Timings of immunisation sessions vary between HBs and uptake will increase over the next two quarters as more immunisation sessions take place.

Table 12. MMR, Td/IPV and MenACWY vaccine uptake in children in 2022-23 school year 10 reaching their 15th birthday between 01/09/22 and 31/08/23 and resident on 30/06/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ¹				MenACWY	Resident girls		MMR1 (girls)		MMR2 (girls)		Resident boys		MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)		(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	859	822	95.7	796	92.7	614	71.5	607	70.7		417	394	94.5	377	90.4	442	428	96.8	419	94.8			
Caerphilly LA	2278	2222	97.5	2171	95.3	1507	66.2	1509	66.2		1088	1064	97.8	1041	95.7	1190	1158	97.3	1130	95.0			
Monmouthshire LA	1120	1020	91.1	993	88.7	774	69.1	783	69.9		543	496	91.3	481	88.6	577	524	90.8	512	88.7			
Newport LA	2270	2103	92.6	2013	88.7	1370	60.4	1367	60.2		1093	1019	93.2	982	89.8	1176	1083	92.1	1031	87.7			
Torfaen LA	1152	1104	95.8	1074	93.2	732	63.5	768	66.7		548	532	97.1	517	94.3	604	572	94.7	557	92.2			
Health Board Total	7679	7271	94.7	7047	91.8	4997	65.1	5034	65.6		3689	3505	95.0	3398	92.1	3989	3765	94.4	3649	91.5			
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	811	778	95.9	765	94.3	608	75.0	594	73.2		413	398	96.4	390	94.4	398	380	95.5	375	94.2			
Conwy LA	1273	1216	95.5	1193	93.7	933	73.3	938	73.7		633	606	95.7	596	94.2	639	610	95.5	597	93.4			
Denbighshire LA	1220	1137	93.2	1117	91.6	798	65.4	800	65.6		574	534	93.0	529	92.2	644	603	93.6	588	91.3			
Flintshire LA	1850	1724	93.2	1687	91.2	1376	74.4	1388	75.0		901	832	92.3	811	90.0	949	892	94.0	876	92.3			
Gwynedd LA	1321	1277	96.7	1239	93.8	1089	82.4	1075	81.4		641	619	96.6	596	93.0	680	658	96.8	643	94.6			
Wrexham LA	1676	1589	94.8	1566	93.4	1264	75.4	1273	76.0		815	781	95.8	774	95.0	860	807	93.8	791	92.0			
Health Board Total	8151	7721	94.7	7567	92.8	6068	74.4	6068	74.4		3977	3770	94.8	3696	92.9	4170	3950	94.7	3870	92.8			
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	4545	4273	94.0	4062	89.4	3220	70.8	3231	71.1		2241	2121	94.6	2013	89.8	2304	2152	93.4	2049	88.9			
Vale of Glamorgan LA	1717	1662	96.8	1608	93.7	1335	77.8	1337	77.9		834	808	96.9	782	93.8	883	854	96.7	826	93.5			
Health Board Total	6262	5935	94.8	5670	90.5	4555	72.7	4568	72.9		3075	2929	95.3	2795	90.9	3187	3006	94.3	2875	90.2			
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	1721	1673	97.2	1616	93.9	1451	84.3	1450	84.3		830	810	97.6	790	95.2	891	863	96.9	826	92.7			
Merthyr Tydfil LA	780	751	96.3	730	93.6	593	76.0	590	75.6		379	365	96.3	351	92.6	401	386	96.3	379	94.5			
Rhondda Cynon Taf LA	2958	2865	96.9	2802	94.7	2356	79.6	2356	79.6		1455	1410	96.9	1379	94.8	1500	1452	96.8	1422	94.8			
Health Board Total	5459	5289	96.9	5148	94.3	4400	80.6	4396	80.5		2664	2585	97.0	2520	94.6	2792	2701	96.7	2627	94.1			
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	2326	2191	94.2	2121	91.2	1767	76.0	1759	75.6		1150	1081	94.0	1048	91.1	1176	1110	94.4	1073	91.2			
Ceredigion LA	655	617	94.2	593	90.5	561	85.6	561	85.6		319	301	94.4	288	90.3	336	316	94.0	305	90.8			
Pembrokeshire LA	1376	1278	92.9	1210	87.9	892	64.8	883	64.2		684	644	94.2	622	90.9	692	634	91.6	588	85.0			
Health Board Total	4357	4086	93.8	3924	90.1	3220	73.9	3203	73.5		2153	2026	94.1	1958	90.9	2204	2060	93.5	1966	89.2			
<u>Powys Teaching HB</u>																							
Health Board Total	1517	1423	93.8	1369	90.2	1192	78.6	1197	78.9		705	663	94.0	643	91.2	812	760	93.6	726	89.4			
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	1682	1635	97.2	1586	94.3	1445	85.9	1446	86.0		790	766	97.0	748	94.7	891	868	97.4	838	94.1			
Swansea LA	2940	2759	93.8	2685	91.3	2544	86.5	2559	87.0		1464	1375	93.9	1348	92.1	1476	1384	93.8	1337	90.6			
Health Board Total	4622	4394	95.1	4271	92.4	3989	86.3	4005	86.7		2254	2141	95.0	2096	93.0	2367	2252	95.1	2175	91.9			
Unknown	41	37	90.2	37	90.2	24	58.5	25	61.0		22	20	90.9	20	90.9	19	17	89.5	17	89.5			
Wales Total	38088	36156	94.9	35033	92.0	28445	74.7	28496	74.8		18539	17639	95.1	17126	92.4	19540	18511	94.7	17905	91.6			

¹ Teenage booster dose of diphtheria, tetanus and polio (diphtheria used as proxy)

Table 13. MMR, Td/IPV and MenACWY vaccine uptake in children in 2022-23 school year 11 reaching their 16th birthday between 01/09/22 and 31/08/23 and resident on 30/06/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ¹		MenACWY		Resident girls		MMR1 (girls)		MMR2 (girls)		Resident boys		MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	729	702	96.3	681	93.4	568	77.9	568	77.9	389	372	95.6	360	92.5	340	330	97.1	321	94.4			
Caerphilly LA	2110	2047	97.0	1992	94.4	1717	81.4	1723	81.7	1062	1037	97.6	1011	95.2	1048	1010	96.4	981	93.6			
Monmouthshire LA	1123	1029	91.6	995	88.6	862	76.8	868	77.3	551	505	91.7	491	89.1	572	524	91.6	504	88.1			
Newport LA	2072	1937	93.5	1856	89.6	1541	74.4	1530	73.8	1001	939	93.8	903	90.2	1070	998	93.3	953	89.1			
Torfaen LA	1140	1121	98.3	1086	95.3	913	80.1	919	80.6	547	539	98.5	524	95.8	593	582	98.1	562	94.8			
Health Board Total	7174	6836	95.3	6610	92.1	5601	78.1	5608	78.2	3550	3392	95.5	3289	92.6	3623	3444	95.1	3321	91.7			
<u>Betsi Cadwaladr University HB</u>																						
Anglesey LA	786	757	96.3	737	93.8	633	80.5	632	80.4	372	360	96.8	351	94.4	414	397	95.9	386	93.2			
Conwy LA	1239	1172	94.6	1145	92.4	993	80.1	1001	80.8	610	579	94.9	574	94.1	629	593	94.3	571	90.8			
Denbighshire LA	1172	1076	91.8	1053	89.8	896	76.5	903	77.0	554	513	92.6	498	89.9	617	563	91.2	555	90.0			
Flintshire LA	1830	1731	94.6	1684	92.0	1565	85.5	1565	85.5	905	845	93.4	827	91.4	925	886	95.8	857	92.6			
Gwynedd LA	1304	1261	96.7	1231	94.4	1148	88.0	1142	87.6	639	619	96.9	608	95.1	664	642	96.7	623	93.8			
Wrexham LA	1562	1507	96.5	1472	94.2	1290	82.6	1290	82.6	735	715	97.3	696	94.7	827	792	95.8	776	93.8			
Health Board Total	7893	7504	95.1	7322	92.8	6525	82.7	6533	82.8	3815	3631	95.2	3554	93.2	4076	3873	95.0	3768	92.4			
<u>Cardiff and Vale University HB</u>																						
Cardiff LA	4369	4075	93.3	3870	88.6	3222	73.7	3224	73.8	2151	2013	93.6	1906	88.6	2217	2061	93.0	1963	88.5			
Vale of Glamorgan LA	1648	1574	95.5	1506	91.4	1308	79.4	1309	79.4	784	752	95.9	723	92.2	864	822	95.1	783	90.6			
Health Board Total	6017	5649	93.9	5376	89.3	4530	75.3	4533	75.3	2935	2765	94.2	2629	89.6	3081	2883	93.6	2746	89.1			
<u>Cwm Taf Morgannwg University HB</u>																						
Bridgend LA	1765	1702	96.4	1626	92.1	1557	88.2	1566	88.7	853	826	96.8	794	93.1	912	876	96.1	832	91.2			
Merthyr Tydfil LA	725	692	95.4	668	92.1	608	83.9	606	83.6	332	317	95.5	302	91.0	393	375	95.4	366	93.1			
Rhondda Cynon Taf LA	2880	2792	96.9	2727	94.7	2518	87.4	2516	87.4	1358	1317	97.0	1289	94.9	1522	1475	96.9	1438	94.5			
Health Board Total	5370	5186	96.6	5021	93.5	4683	87.2	4688	87.3	2543	2460	96.7	2385	93.8	2827	2726	96.4	2636	93.2			
<u>Hywel Dda University HB</u>																						
Carmarthenshire LA	2200	2060	93.6	1977	89.9	1888	85.8	1885	85.7	1084	1017	93.8	977	90.1	1116	1043	93.5	1000	89.6			
Ceredigion LA	676	640	94.7	619	91.6	602	89.1	602	89.1	334	317	94.9	304	91.0	342	323	94.4	315	92.1			
Pembrokeshire LA	1372	1268	92.4	1189	86.7	1129	82.3	1125	82.0	680	640	94.1	603	88.7	692	628	90.8	586	84.7			
Health Board Total	4248	3968	93.4	3785	89.1	3619	85.2	3612	85.0	2098	1974	94.1	1884	89.8	2150	1994	92.7	1901	88.4			
<u>Powys Teaching HB</u>																						
Health Board Total	1382	1294	93.6	1244	90.0	1199	86.8	1215	87.9	670	627	93.6	605	90.3	712	667	93.7	639	89.7			
<u>Swansea Bay University HB</u>																						
Neath Port Talbot LA	1654	1602	96.9	1547	93.5	1464	88.5	1468	88.8	818	796	97.3	770	94.1	836	806	96.4	777	92.9			
Swansea LA	2798	2623	93.7	2529	90.4	2507	89.6	2508	89.6	1357	1284	94.6	1234	90.9	1441	1339	92.9	1295	89.9			
Health Board Total	4452	4225	94.9	4076	91.6	3971	89.2	3976	89.3	2175	2080	95.6	2004	92.1	2277	2145	94.2	2072	91.0			
Unknown	31	28	90.3	27	87.1	20	64.5	20	64.5	14	13	92.9	12	85.7	17	15	88.2	15	88.2			
Wales Total	36567	34690	94.9	33461	91.5	30148	82.4	30185	82.5	17800	16942	95.2	16362	91.9	18763	17747	94.6	17098	91.1			

¹ Teenage booster dose of diphtheria, tetanus and polio (diphtheria used as proxy)

Table 14. MMR, Td/IPV and MenACWY vaccine uptake in children reaching their 16th birthday between 01/04/23 and 30/06/23 and resident on 30/06/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ¹		MenACWY		Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)		(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	
Blaenau Gwent LA	188	177	94.1	171	91.0	142	75.5	142	75.5	100	93	93.0	90	90.0	88	84	95.5	81	92.0	
Caerphilly LA	507	489	96.4	478	94.3	418	82.4	418	82.4	263	254	96.6	247	93.9	244	235	96.3	231	94.7	
Monmouthshire LA	259	235	90.7	229	88.4	198	76.4	199	76.8	131	115	87.8	111	84.7	128	120	93.8	118	92.2	
Newport LA	526	495	94.1	470	89.4	395	75.1	391	74.3	255	243	95.3	230	90.2	271	252	93.0	240	88.6	
Torfaen LA	303	296	97.7	287	94.7	244	80.5	249	82.2	143	141	98.6	136	95.1	160	155	96.9	151	94.4	
Health Board Total	1783	1692	94.9	1635	91.7	1397	78.4	1399	78.5	892	846	94.8	814	91.3	891	846	94.9	821	92.1	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	191	183	95.8	182	95.3	148	77.5	148	77.5	94	90	95.7	89	94.7	97	93	95.9	93	95.9	
Conwy LA	292	273	93.5	268	91.8	228	78.1	228	78.1	147	139	94.6	138	93.9	145	134	92.4	130	89.7	
Denbighshire LA	292	267	91.4	258	88.4	219	75.0	219	75.0	136	126	92.6	121	89.0	156	141	90.4	137	87.8	
Flintshire LA	446	420	94.2	409	91.7	377	84.5	375	84.1	227	211	93.0	209	92.1	219	209	95.4	200	91.3	
Gwynedd LA	308	299	97.1	291	94.5	273	88.6	274	89.0	147	144	98.0	141	95.9	161	155	96.3	150	93.2	
Wrexham LA	405	389	96.0	376	92.8	339	83.7	338	83.5	184	179	97.3	169	91.8	221	210	95.0	207	93.7	
Health Board Total	1934	1831	94.7	1784	92.2	1584	81.9	1582	81.8	935	889	95.1	867	92.7	999	942	94.3	917	91.8	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	1109	1035	93.3	987	89.0	802	72.3	805	72.6	551	514	93.3	485	88.0	558	521	93.4	502	90.0	
Vale of Glamorgan LA	418	403	96.4	386	92.3	322	77.0	323	77.3	193	188	97.4	180	93.3	225	215	95.6	206	91.6	
Health Board Total	1527	1438	94.2	1373	89.9	1124	73.6	1128	73.9	744	702	94.4	665	89.4	783	736	94.0	708	90.4	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	438	415	94.7	395	90.2	385	87.9	388	88.6	211	206	97.6	197	93.4	227	209	92.1	198	87.2	
Merthyr Tydfil LA	173	162	93.6	154	89.0	134	77.5	133	76.9	82	76	92.7	72	87.8	91	86	94.5	82	90.1	
Rhondda Cynon Taf LA	705	685	97.2	668	94.8	609	86.4	609	86.4	341	329	96.5	320	93.8	364	356	97.8	348	95.6	
Health Board Total	1316	1262	95.9	1217	92.5	1128	85.7	1130	85.9	634	611	96.4	589	92.9	682	651	95.5	628	92.1	
<u>Hywel Dda University HB</u>																				
Carmarthenshire LA	536	499	93.1	480	89.6	462	86.2	460	85.8	283	264	93.3	254	89.8	253	235	92.9	226	89.3	
Ceredigion LA	174	165	94.8	161	92.5	156	89.7	156	89.7	82	79	96.3	76	92.7	92	86	93.5	85	92.4	
Pembrokeshire LA	332	313	94.3	291	87.7	264	79.5	262	78.9	168	159	94.6	150	89.3	164	154	93.9	141	86.0	
Health Board Total	1042	977	93.8	932	89.4	882	84.6	878	84.3	533	502	94.2	480	90.1	509	475	93.3	452	88.8	
<u>Powys Teaching HB</u>																				
Health Board Total	371	348	93.8	335	90.3	320	86.3	324	87.3	196	186	94.9	179	91.3	175	162	92.6	156	89.1	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	425	410	96.5	401	94.4	382	89.9	382	89.9	221	213	96.4	208	94.1	204	197	96.6	193	94.6	
Swansea LA	727	684	94.1	666	91.6	657	90.4	650	89.4	371	350	94.3	341	91.9	356	334	93.8	325	91.3	
Health Board Total	1152	1094	95.0	1067	92.6	1039	90.2	1032	89.6	592	563	95.1	549	92.7	560	531	94.8	518	92.5	
Unknown	7	6	85.7	6	85.7	3	42.9	3	42.9	3	3	100.0	3	100.0	4	3	75.0	3	75.0	
Wales Total	9132	8648	94.7	8349	91.4	7477	81.9	7476	81.9	4529	4302	95.0	4146	91.5	4603	4346	94.4	4203	91.3	

¹ Teenage booster dose of diphtheria, tetanus and polio (diphtheria used as proxy)

Table 15. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/04/23 and 30/06/23 and resident on 30/06/23.¹

Area	1 yr			2 yrs			5 yrs			16 yrs		
	Resident children	BCG Immunised		Resident children	BCG Immunised		Resident children	BCG Immunised		Resident children	BCG Immunised	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
Blaenau Gwent LA	164	3	1.8	165	2	1.2	183	5	2.7	188	6	3.2
Caerphilly LA	394	13	3.3	379	5	1.3	491	10	2.0	507	17	3.4
Monmouthshire LA	195	5	2.6	187	6	3.2	231	9	3.9	259	5	1.9
Newport LA	482	90	18.7	500	87	17.4	462	109	23.6	526	68	12.9
Torfaen LA	237	4	1.7	235	15	6.4	252	10	4.0	303	10	3.3
Health Board Total	1472	115	7.8	1466	115	7.8	1619	143	8.8	1783	106	5.9
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	132	0	0.0	144	2	1.4	183	2	1.1	191	9	4.7
Conwy LA	230	8	3.5	214	6	2.8	294	8	2.7	292	14	4.8
Denbighshire LA	202	7	3.5	247	12	4.9	258	9	3.5	292	16	5.5
Flintshire LA	325	22	6.8	354	23	6.5	394	17	4.3	446	16	3.6
Gwynedd LA	248	3	1.2	251	7	2.8	289	9	3.1	308	10	3.2
Wrexham LA	322	28	8.7	294	26	8.8	351	21	6.0	405	49	12.1
Health Board Total	1459	68	4.7	1504	76	5.1	1769	66	3.7	1934	114	5.9
<u>Cardiff and Vale University HB</u>												
Cardiff LA	856	227	26.5	941	235	25.0	1013	148	14.6	1109	196	17.7
Vale of Glamorgan LA	307	22	7.2	317	16	5.0	389	16	4.1	418	25	6.0
Health Board Total	1163	249	21.4	1258	251	20.0	1402	164	11.7	1527	221	14.5
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	342	12	3.5	350	8	2.3	376	24	6.4	438	12	2.7
Merthyr Tydfil LA	139	11	7.9	155	6	3.9	169	12	7.1	173	7	4.0
Rhondda Cynon Taf LA	575	11	1.9	569	23	4.0	650	28	4.3	705	30	4.3
Health Board Total	1056	34	3.2	1074	37	3.4	1195	64	5.4	1316	49	3.7
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	410	10	2.4	360	17	4.7	440	20	4.5	536	24	4.5
Ceredigion LA	128	6	4.7	125	2	1.6	159	4	2.5	174	6	3.4
Pembrokeshire LA	257	4	1.6	255	6	2.4	288	2	0.7	332	9	2.7
Health Board Total	795	20	2.5	740	25	3.4	887	26	2.9	1042	39	3.7
<u>Powys Teaching Health Board</u>												
Health Board Total	227	1	0.4	252	5	2.0	314	5	1.6	371	12	3.2
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	308	13	4.2	308	13	4.2	331	12	3.6	425	8	1.9
Swansea LA	465	68	14.6	557	70	12.6	646	82	12.7	727	62	8.5
Health Board Total	773	81	10.5	865	83	9.6	977	94	9.6	1152	70	6.1
Unknown	0	0	0.0	3	1	33.3	0	0	0.0	7	2	28.6
Wales Total	6949	568	8.2	7162	593	8.3	8163	562	6.9	9132	613	6.7

¹ Data reflects immunisations given and recorded on the NCCHD (following notifications to local Child Health Administration Offices), may be subject to under-reporting. BCG is not a routinely scheduled immunisation.

Table 16. Uptake of hepatitis B immunisation in children, reaching their 1st, 2nd, and 5th birthdays during between 01/04/23 and 30/06/23 and resident on 30/06/23, and percentage who are recorded as completing doses 1 to 4.¹

Area	1yr					2yrs						5yrs					
	Resident children	Babies at risk of perinatal infection	1 dose	2 doses	3 doses	Resident children	Babies at risk of perinatal infection	1 dose	2 doses	3 doses	4 doses	Resident children	Babies at risk of perinatal infection	1 dose	2 dose	3 doses	4 doses
	(n)	(n)	(%)	(%)	(%)	(n)	(n)	(%)	(%)	(%)	(%)	(n)	(n)	(%)	(%)	(%)	(%)
Aneurin Bevan UHB	1472	0	-	-	-	1466	1	100.0	100.0	100.0	100.0	1619	2	100.0	100.0	100.0	100.0
Betsi Cadwaladr UHB	1459	2	100.0	100.0	100.0	1504	1	100.0	100.0	100.0	100.0	1769	1	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1163	4	100.0	100.0	100.0	1258	3	100.0	100.0	100.0	33.3	1402	6	100.0	100.0	100.0	50.0
Cwm Taf Morgannwg UHB	1056	0	-	-	-	1074	0	-	-	-	-	1195	0	-	-	-	-
Hywel Dda UHB	795	0	-	-	-	740	0	-	-	-	-	887	1	100.0	100.0	100.0	-
Powys Teaching HB	227	0	-	-	-	252	0	-	-	-	-	314	0	-	-	-	-
Swansea Bay UHB	773	0	-	-	-	865	0	-	-	-	-	977	1	100.0	100.0	100.0	100.0
Unknown	4	0	-	-	-	3	0	-	-	-	-	0	1	100.0	100.0	100.0	100.0
Wales Total	6949	6	100.0	100.0	100.0	7162	5	100.0	100.0	100.0	60.0	8163	12	100.0	100.0	100.0	66.7

¹Data reflects immunisations given and recorded on the Public Health Wales All Wales Neonatal Hepatitis B database of babies born to hepatitis B positive mothers. One and two year olds in this table would have been eligible for the new Hepatitis B containing "6 in 1" vaccine as part of the routine childhood immunisation schedule. The doses here for one and two year olds refer to the monovalent dose given at birth (dose 1), monovalent dose given at one month (dose 2) and dose due at two months (dose 3, now part of the "6 in 1" vaccine). Dose four for two year olds refers to the monovalent dose due at one year of age.