

Vaccine Uptake in Children in Wales July to September 2023

COVER 148: Wales November 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 95.7%. Uptake of two doses of Rotavirus vaccine was 91.4%.
- Uptake of a complete three-dose course of MenB vaccine in two-year-olds was 92.5% this quarter.
- Uptake of the first dose of MMR vaccine in two-year-old children was 93.3% this quarter.
- The proportion of children up to date with all routine immunisations by four years of age was 84.7% this quarter and was 87.7% in five-year-olds.
- School-based vaccination sessions for teenagers are now complete for the 2022-23 academic year. Uptake of one dose of HPV vaccine in 2022-23 school year 8 children was 66.4%.
Coverage of the first dose of HPV vaccine in 2022-23 school year 9 (13–14-year-olds) was 74.0%. Coverage of the second dose of HPV vaccine in 2022-23 school year 10 (14–15-year-olds) was 75.1%. 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 was 67.7%. Coverage of the MenACWY vaccine in the 2022-23 school year 10 cohort was 75.5%.
- Uptake of the Td/IPV teenage booster in the 2022-23 school year 9 cohort was 68.0%. Coverage of the Td/IPV teenage booster in the 2022-23 school year 10 was 75.4%.
- 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 91.9%.
- Coverage of one dose of MMR vaccine in the 2022-23 school year 11 (age 15-16 years) was 94.8%, coverage of two doses is 91.4%.

Background

These results are for children living in Wales in September 2023 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/07/2023 to 30/09/2023. 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 93.8% this quarter, compared to 94.2% last quarter. Uptake ranged by HB from 91.8% (Cardiff and Vale) to 95.8% (Cwm Taf Morgannwg) and by LA from 91.2% (Newport) to 97.6% (Flintshire). One of the seven HBs and six 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 to 95.7% this quarter, compared to 96.3% last quarter. Uptake ranged by LA from 92.6% (Ceredigion) to 98.7% (Anglesey). Five of the seven HBs and 17 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 93.6% this quarter. Uptake in HBs ranged from 91.0% (Cardiff and Vale) to 95.9% (Cwm Taf Morgannwg) and ranged by LA from 90.1% (Newport) to 97.8% (Flintshire) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday decreased to 91.4% from 92.4% in last quarter. Uptake in HBs ranged from 89.2% (Cardiff and Vale) to 94.1% (Cwm Taf Morgannwg) and ranged by LA from 86.2% (Torfaen) to 97.4% (Anglesey) (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 93.3% this quarter. Uptake ranged by HB from 91.5% (Cardiff and Vale) to 95.8% (Cwm Taf Morgannwg) and by LA area from 89.1% (Newport) to 97.5% (Anglesey). One HB and six 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 remained stable at to 92.5%. Uptake ranged by HB from 90.1% (Cardiff and Vale) to 95.3% (Cwm Taf Morgannwg) and by LA from 88.7% (Newport) to 97.5% (Anglesey). One of the seven HBs and six 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 91.1% (Cardiff and Vale) to 95.8% (Cwm Taf Morgannwg) and ranged by LA from 88.5% (Newport) to 97.5% (Anglesey). One HB and seven 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 92.7% this quarter. Uptake ranged by HB from 90.9% (Cardiff and Vale) to 95.5% (Cwm Taf Morgannwg) and ranged by LA from 88.5% (Newport) to 97.5% (Anglesey). One HB and four 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 86.4%
 - The Hib/MenC booster was 94.1%
 - Two doses of MMR was 86.1%

The proportion of children who were up to date with all these routine immunisations at four years of age was 84.7%. This ranged by HB from 80.1% (Cardiff and Vale) to 94.7% (Powys Teaching) and by LA from 78.3% (Cardiff) to 94.7% (Powys) (Figures 4 and 5, Tables 1, 2 and 5).

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.

10. The proportion of children who were up to date with routine immunisations by their fifth birthday was 87.7%, compared to 87.9% last quarter. This ranged by HB from 83.5% (Cardiff and Vale) to 90.7% (Betsi Cadwaladr) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 95.1%. Coverage of two doses of MMR was 88.9%. Coverage of two doses of MMR ranged by HB from 85.3% (Cardiff and Vale) to 91.3% (Betsi Cadwaladr) and by LA from 85.2% (Cardiff) to 95.5% (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 89.2% this quarter compared to 89.9% last quarter, ranging by HB from 86.0% (Cardiff and Vale) to 91.4% (Betsi Cadwaladr) and by LA from 84.9% (Newport) to 94.9% (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) was 66.4%. This is the fourth school cohort to include boys eligible for the HPV vaccine (Table 8a) [1].
14. Coverage of the first dose of HPV vaccine in the 2022-23 school year 9 cohort was 74.0% (77.4% in girls and 70.8% in boys) and uptake of the second dose in this age group was 61.0% (63.9% in girls and 58.2% 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) was 75.1% (77.6% in girls and 72.6% in boys) (Table 8c and Table 9). Uptake in this cohort would have been affected by disruption during the COVID-19 pandemic, although teenagers should have been offered opportunity to catch-up since.
16. Uptake of the MenACWY vaccine in the 2022-23 routine school year 9 cohort was 67.7% (Table 10 and 11). Coverage in the 2022-23 school years 10, 11 and 12, was 75.5%, 82.7% 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) was 68.0%. 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 88.6% (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) was 75.4%. Coverage ranged by HB from 65.6% (Aneurin Bevan) to 86.4% (Swansea Bay). Coverage of two doses of MMR in this year group was 91.9% and coverage of one dose was 94.9%. Coverage of two doses of MMR vaccine ranged by HB from 90.0% (Hywel Dda) to 94.2% (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 92.3% (Table 12).
19. Coverage of the Td/IPV teenage booster in the 2022-23 school year 11 (children reaching 16 years of age) was 82.6%. Coverage ranged by HB from 75.4% (Cardiff and Vale) to 89.0% (Swansea Bay). Coverage of two doses of MMR in this year group was 91.4% and coverage of one dose was 94.8%. 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 91.8% (Table 13).
20. Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st July 2023 and 30th September 2023) was 91.6%, 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 91.9%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 80.8% (Figures 1, 2 and 3, Tables 2 and 14).

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.

- 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 7.9%, 7.9%, 6.1% and 6.9% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter three 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 (19.2%), and sixteen years of age (17.9%). Swansea UHB had the highest proportion of children given BCG by five years of age (10.8%)
- 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 60.0%, uptake of four doses at their second birthday was 100.0% and uptake of four doses at their fifth birthday was 90.0%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

Comment

For the July to September 2023 quarter, uptake of immunisations in infants by the first birthday slightly decreased across all immunisations. Uptake of the complete three-dose course of “6 in 1” has remained below 95% for the seventh consecutive quarter. Two doses of MenB vaccine also remained slightly below 95%, whilst uptake of PCV was above 95%.

Uptake of vaccinations at two years remained broadly stable. Coverage of one dose of MMR at two years was 93.3% compared to 93.2% in the previous quarter. Uptake of the MenB vaccine was the lowest of all immunisations reported on in this age group at 92.5%.

The proportion of children who were up to date with their routine immunisations by four years slightly increased this quarter from 84.5% to 84.7%, but varied by health board. Uptake of two doses of MMR vaccine remains the lowest of all vaccinations included in this composite measure at 86.1%. The proportion of children who were up to date with their routine immunisations by five years remained relatively stable but there was variation in uptake between health board areas. Although there have been some quarterly fluctuations, the long-term trend in coverage of two doses of MMR by five years of age has been gradually decreasing since the first quarter of 2021.

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. Teenage Td/IPV booster and MenACWY vaccination sessions for School Year 9 are now complete for 2022-23 and uptake remained lower than for the same age-groups before the COVID-19 pandemic. Of all the teenage vaccines, uptake of the HPV vaccine appears was most impacted by school interruptions during the pandemic. Uptake of the second dose in children who were in the 2021-22 school year 9 is currently 75.1%. 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 [2]. Catch-up for all teenage vaccinations should be encouraged throughout the 2023-24 school year.

There has been a steady increase in cases of measles reported internationally, including in Wales and other parts of the UK. In England during 2023, the majority of cases have been reported in London, although all regions of England have reported at least one case. Less than 1 in 5 of the cases were imported or import-related, with the rest a result of community transmission [3]. In Wales, as at 10th November, there have been 8 confirmed cases of measles in 2023, 7 of which are part of an ongoing outbreak in south Wales. Importations of measles cases, following travel from measles-affected areas, and subsequent spread in the community remains a risk in Wales.

The current outbreak highlights the importance of checking vaccination status and facilitating catch-up at every opportunity, especially around school entry and alongside school vaccination sessions, if large outbreaks are to be averted.

References

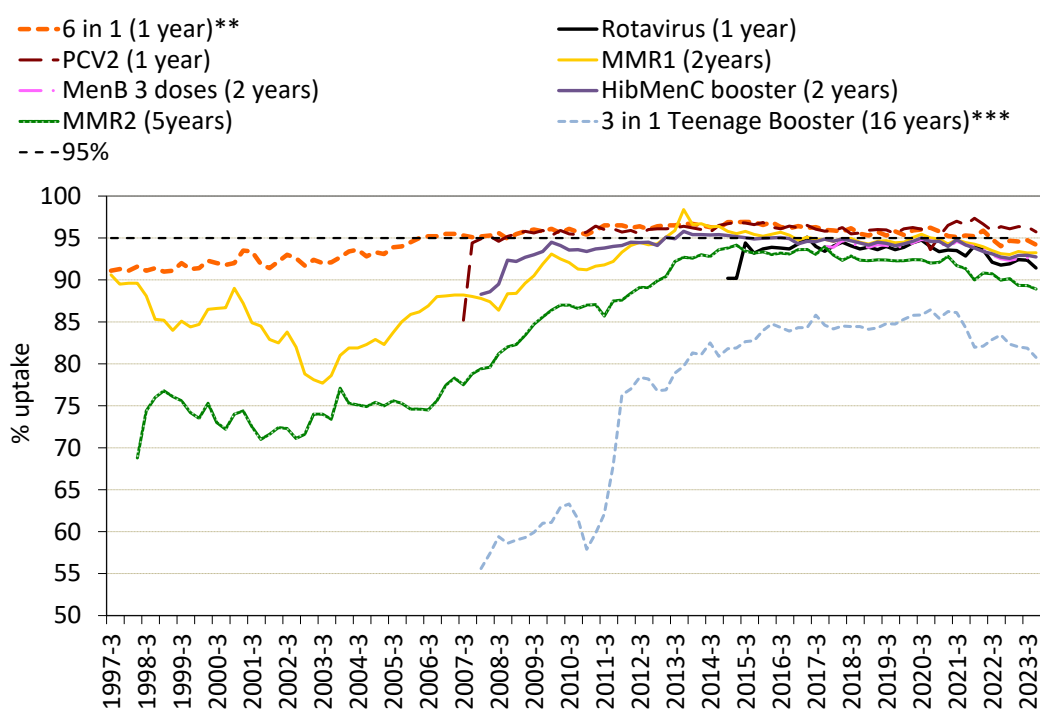
1. Welsh Health Circular- Changes to the HPV immunisation programme from the academic school year starting September 2019. Available from: [http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%2020%20%27Change%20to%20the%20Human%20Papillomavirus%20\(HPV\)%20Immunisation%20Programme%27%20-%20English.pdf](http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%2020%20%27Change%20to%20the%20Human%20Papillomavirus%20(HPV)%20Immunisation%20Programme%27%20-%20English.pdf)
2. 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)
3. UK Health Security Agency. Research and analysis: HPR volume 17 issue 7: news (14 July 2023), July 2023. Available from: <https://www.gov.uk/government/publications/health-protection-report-volume-17-2023/hpr-volume-17-issue-7-news-14-july-2023>

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.

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Figure 1. Percentage uptake of childhood immunisations in Wales, quarter 3 1997 to quarter 3 2023*.

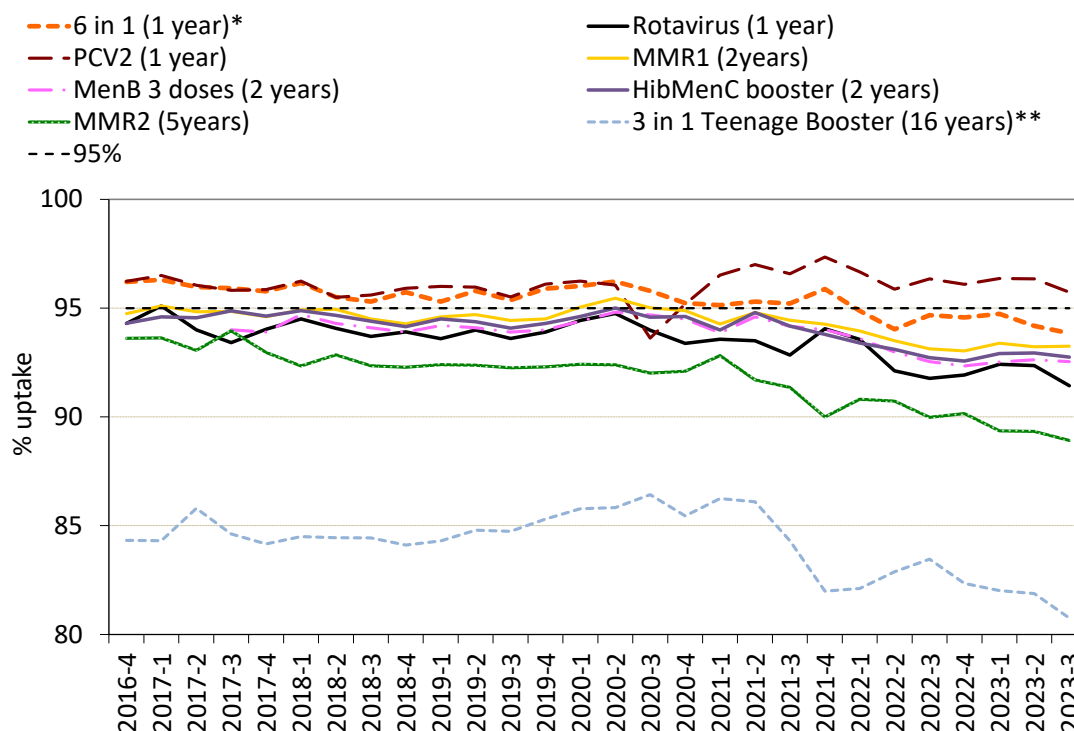


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**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 3 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 2015 Q1 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 01/07/23 and 30/09/23 and resident on 30/09/23.

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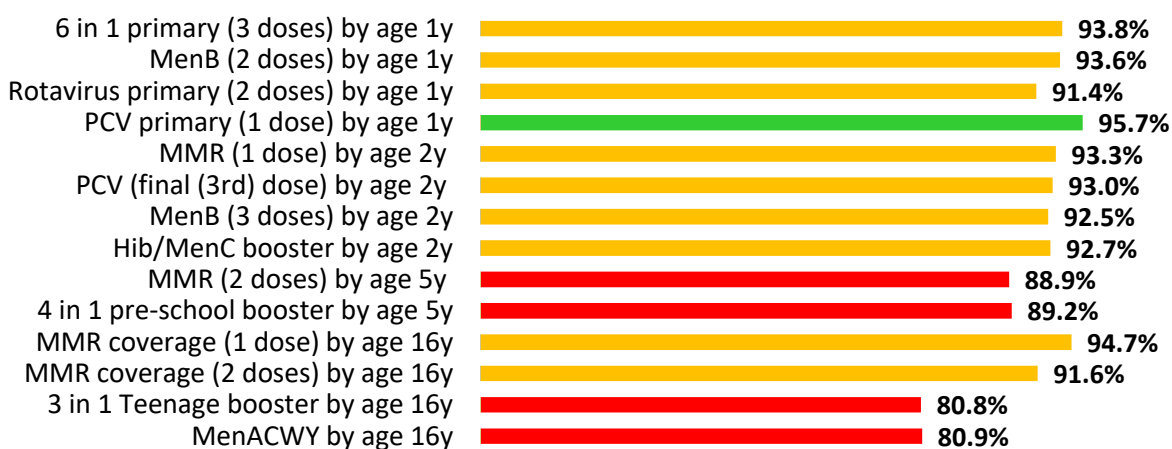


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/07/23 and 30/09/23 and are up to date with all scheduled vaccines⁷ by health board.



Table 1. Percentages of resident children reaching their 4th birthday during quarter 2 2022 to quarter 3 2023 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2022-2	2022-3	2022-4	2023-1	2023-2	2023-3
Aneurin Bevan UHB	85.5	84.0	84.1	83.2	82.9	83.8
Betsi Cadwaladr UHB	86.9	86.6	87.2	87.8	86.2	86.7
Cardiff and Vale UHB	82.4	80.2	81.8	81.3	82.4	80.1
Cwm Taf Morgannwg UHB	86.6	86.4	87.4	88.5	87.5	86.1
Hywel Dda UHB	84.7	83.1	83.6	85.4	82.0	83.4
Powys Teaching HB	89.1	89.3	90.7	94.9	89.9	94.7
Swansea Bay UHB	86.4	85.0	81.8	83.8	84.3	85.6
Wales	85.6	84.5	84.7	85.4	84.5	84.7

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 3 2023, who are up to date with all scheduled vaccines⁷, by health board.

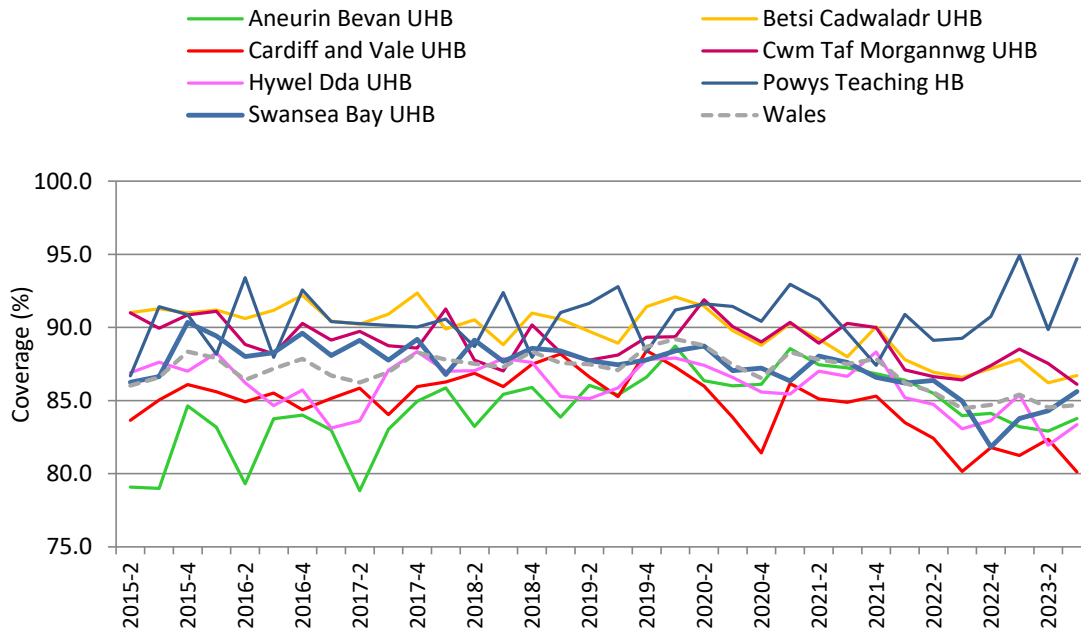


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/07/23 and 30/09/23.

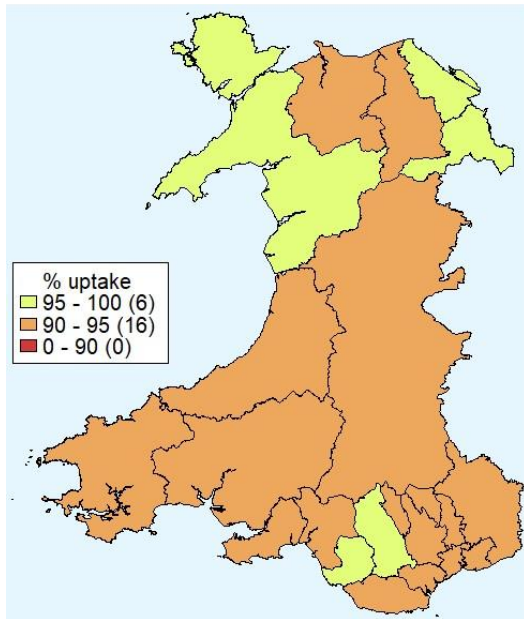


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/07/23 and 30/09/23.

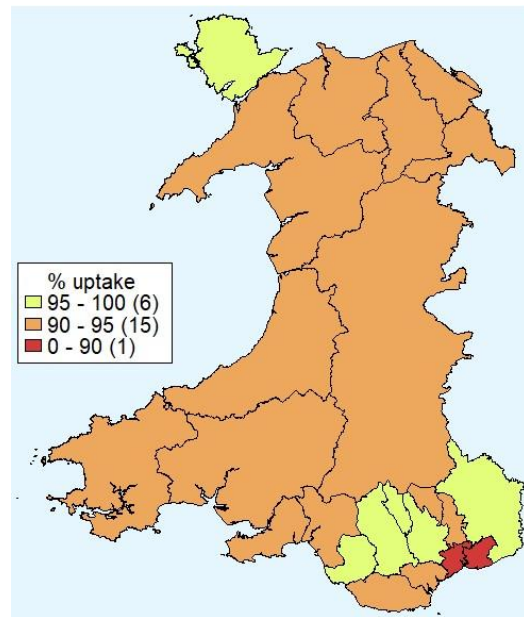


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/23 and 30/09/23.

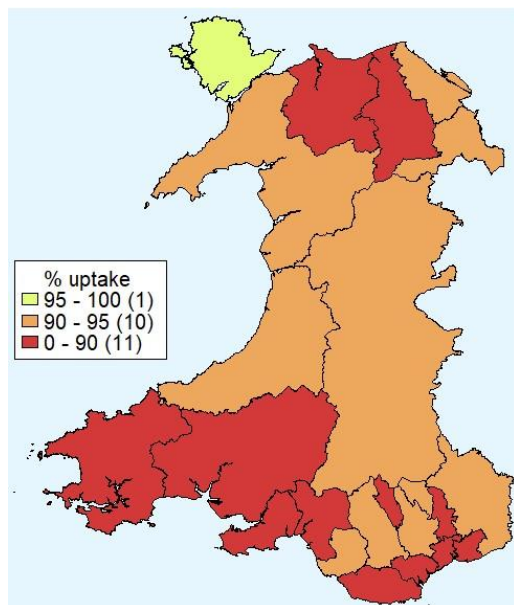


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/23 and 30/09/23.

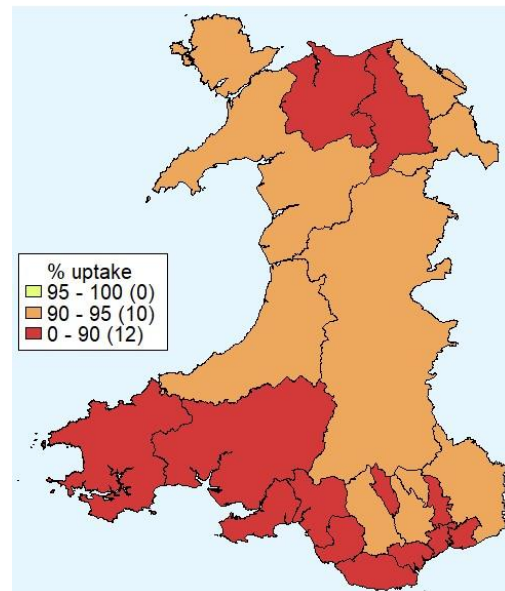


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/07/23 and 30/09/23 and resident on 30/09/23.

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	173	94.8	94.8	95.4	89.0	184	94.0	94.6	94.6	94.0	196	82.1	186	91.9	93.0	219	96.3	94.1	77.6	78.5
Caerphilly LA	429	94.9	94.6	97.0	92.8	440	95.5	95.2	95.2	94.8	479	86.6	490	90.6	90.6	573	96.3	93.9	79.2	78.5
Monmouthshire LA	216	94.4	95.4	96.8	93.1	190	95.3	95.8	96.3	95.8	193	88.6	244	92.6	93.0	288	88.5	86.8	72.6	71.2
Newport LA	486	91.2	90.1	93.4	87.9	487	89.1	88.5	88.7	88.5	525	79.0	531	85.3	84.9	554	92.6	88.3	69.0	70.0
Torfaen LA	247	91.5	91.9	94.3	86.2	244	90.6	90.2	89.8	89.8	258	85.7	282	86.5	86.9	293	98.3	94.2	73.0	73.0
Health Board Total	1551	93.1	92.9	95.2	89.8	1545	92.5	92.3	92.4	92.0	1651	83.8	1733	88.7	88.9	1927	94.4	91.3	74.2	74.2
Betsi Cadwaladr UHB																				
Anglesey LA	155	96.8	97.4	98.7	97.4	160	97.5	97.5	97.5	97.5	164	91.5	157	95.5	94.9	225	95.1	93.3	80.4	80.4
Conwy LA	259	91.5	91.5	95.4	91.9	267	93.3	91.4	91.8	91.8	282	81.9	249	88.4	88.8	328	93.6	91.8	78.4	77.7
Denbighshire LA	231	92.2	92.2	95.7	87.9	251	93.2	93.2	93.6	92.0	259	82.2	228	89.0	89.5	296	94.3	93.2	77.0	76.7
Flintshire LA	372	97.6	97.8	98.4	94.4	368	94.3	95.1	94.8	94.6	403	89.6	415	90.1	90.4	500	95.0	92.8	83.4	82.6
Gwynedd LA	245	95.1	93.9	95.9	91.0	282	93.6	92.2	91.8	93.6	247	88.3	306	93.1	93.1	344	96.2	94.2	83.7	84.9
Wrexham LA	305	95.4	95.4	96.7	92.1	336	94.3	93.2	92.9	93.8	368	87.2	373	92.5	92.5	382	97.9	96.3	81.9	81.9
Health Board Total	1567	94.9	94.8	96.8	92.3	1664	94.2	93.6	93.5	93.7	1723	86.7	1728	91.3	91.4	2075	95.4	93.6	81.2	81.0
Cardiff and Vale UHB																				
Cardiff LA	926	91.6	90.7	93.4	89.1	989	91.9	91.7	90.2	91.4	985	78.3	1110	85.3	85.8	1159	93.2	88.7	73.9	73.4
Vale of Glamorgan LA	296	92.6	91.9	95.9	89.5	333	90.4	89.2	89.8	89.5	353	85.3	385	85.2	86.5	447	98.0	94.2	83.2	83.2
Health Board Total	1222	91.8	91.0	94.0	89.2	1322	91.5	91.1	90.1	90.9	1338	80.1	1495	85.3	86.0	1606	94.5	90.2	76.5	76.2
Cwm Taf Morgannwg UHB																				
Bridgend LA	341	97.1	97.1	97.9	95.9	351	95.7	96.0	95.2	95.7	332	86.7	408	90.0	89.7	485	97.3	93.2	88.5	87.8
Merthyr Tydfil LA	155	94.2	94.8	97.4	94.2	145	95.9	95.2	95.2	94.5	158	84.8	199	86.9	86.9	185	94.6	93.0	83.8	84.3
Rhondda Cynon Taf LA	600	95.5	95.5	96.8	93.0	612	95.9	95.9	95.4	95.6	641	86.1	699	91.7	91.8	810	96.5	94.7	85.4	85.6
Health Board Total	1096	95.8	95.9	97.3	94.1	1108	95.8	95.8	95.3	95.5	1131	86.1	1306	90.4	90.4	1480	96.6	94.0	86.2	86.1
Hwyel Dda UHB																				
Carmarthenshire LA	409	93.9	94.1	95.6	92.2	421	91.7	91.4	90.7	91.2	466	85.0	500	87.0	87.2	571	93.9	90.4	84.4	84.6
Ceredigion LA	121	92.6	92.6	92.6	90.9	165	92.7	92.7	90.9	91.5	135	85.2	150	92.0	92.0	166	93.4	91.0	86.1	86.1
Pembrokeshire LA	238	93.7	94.1	96.2	92.4	306	94.1	93.8	93.1	93.8	306	80.1	294	88.4	88.8	371	92.2	86.5	78.2	79.0
Health Board Total	768	93.6	93.9	95.3	92.1	892	92.7	92.5	91.6	92.2	907	83.4	944	88.2	88.5	1108	93.2	89.2	82.6	82.9
Powys Teaching UHB																				
Health Board Total	251	93.2	92.4	94.0	90.0	279	93.5	92.8	93.2	92.8	283	94.7	342	90.4	90.4	385	92.5	88.8	81.0	80.8
Swansea Bay UHB																				
Neath Port Talbot LA	334	94.9	95.2	97.3	92.8	312	93.6	94.6	93.6	93.6	319	84.6	375	89.1	89.9	462	97.6	93.7	89.2	89.2
Swansea LA	519	93.6	92.9	95.4	92.3	565	92.2	92.0	91.3	91.5	661	86.1	676	88.8	89.1	771	91.7	88.3	87.9	87.4
Health Board Total	853	94.1	93.8	96.1	92.5	877	92.7	92.9	92.1	92.2	980	85.6	1051	88.9	89.3	1233	93.9	90.3	88.4	88.1
Unknown	2	50.0	50.0	50.0	50.0	4	75.0	50.0	50.0	50.0	3	66.7	2	50.0	50.0	8	100.0	100.0	100.0	100.0
Wales Total	7310	93.8	93.6	95.7	91.4	7691	93.3	93.0	92.5	92.7	8016	84.7	8601	88.9	89.2	9822	94.7	91.6	80.9	80.8

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

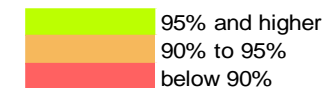


Table 3. Vaccine uptake in children reaching their 1st birthday between 01/07/23 and 30/09/23 and resident on 30/09/23.

Area	Resident children	D3	T3	P3	Po3	Hib3	HepB	MMR1	Rotavirus	PCV ¹	Men B ²	HibMenC
	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)
Aneurin Bevan University HB												
Blaenau Gwent LA	173	164 94.8	164 94.8	164 94.8	164 94.8	164 94.8	164 94.8	1 0.6	154 89.0	165 95.4	164 94.8	0 0.0
Caerphilly LA	429	407 94.9	407 94.9	407 94.9	407 94.9	407 94.9	407 94.9	1 0.2	398 92.8	416 97.0	406 94.6	0 0.0
Monmouthshire LA	216	204 94.4	204 94.4	204 94.4	204 94.4	204 94.4	204 94.4	0 0.0	201 93.1	209 96.8	206 95.4	0 0.0
Newport LA	486	443 91.2	443 91.2	443 91.2	443 91.2	443 91.2	443 91.2	4 0.8	427 87.9	454 93.4	438 90.1	3 0.6
Torfaen LA	247	226 91.5	226 91.5	226 91.5	226 91.5	226 91.5	226 91.5	0 0.0	213 86.2	233 94.3	227 91.9	0 0.0
Health Board Total	1551	1444 93.1	1444 93.1	1444 93.1	1444 93.1	1444 93.1	1444 93.1	6 0.4	1393 89.8	1477 95.2	1441 92.9	3 0.2
Betsi Cadwaladr University HB												
Anglesey LA	155	150 96.8	150 96.8	150 96.8	150 96.8	150 96.8	150 96.8	2 1.3	151 97.4	153 98.7	151 97.4	2 1.3
Conwy LA	259	237 91.5	237 91.5	237 91.5	237 91.5	237 91.5	237 91.5	2 0.8	238 91.9	247 95.4	237 91.5	2 0.8
Denbighshire LA	231	213 92.2	213 92.2	213 92.2	213 92.2	213 92.2	212 91.8	0 0.0	203 87.9	221 95.7	213 92.2	0 0.0
Flintshire LA	372	363 97.6	363 97.6	363 97.6	363 97.6	363 97.6	363 97.6	0 0.0	351 94.4	366 98.4	364 97.8	0 0.0
Gwynedd LA	245	233 95.1	233 95.1	233 95.1	232 94.7	233 95.1	234 95.5	1 0.4	223 91.0	235 95.9	230 93.9	0 0.0
Wrexham LA	305	291 95.4	291 95.4	291 95.4	291 95.4	291 95.4	291 95.4	0 0.0	281 92.1	295 96.7	291 95.4	0 0.0
Health Board Total	1567	1487 94.9	1487 94.9	1487 94.9	1486 94.8	1486 94.8	1488 95.0	5 0.3	1447 92.3	1517 96.8	1486 94.8	4 0.3
Cardiff and Vale University HB												
Cardiff LA	926	849 91.7	849 91.7	848 91.6	849 91.7	849 91.7	850 91.8	9 1.0	825 89.1	865 93.4	840 90.7	7 0.8
Vale of Glamorgan LA	296	274 92.6	274 92.6	274 92.6	274 92.6	274 92.6	274 92.6	1 0.3	265 89.5	284 95.9	272 91.9	0 0.0
Health Board Total	1222	1123 91.9	1123 91.9	1122 91.8	1123 91.9	1123 91.9	1124 92.0	10 0.8	1090 89.2	1149 94.0	1112 91.0	7 0.6
Cwm Taf Morgannwg University HB												
Bridgend LA	341	331 97.1	331 97.1	331 97.1	331 97.1	331 97.1	331 97.1	0 0.0	327 95.9	334 97.9	331 97.1	0 0.0
Merthyr Tydfil LA	155	146 94.2	146 94.2	146 94.2	146 94.2	146 94.2	146 94.2	0 0.0	146 94.2	151 97.4	147 94.8	0 0.0
Rhondda Cynon Taf LA	600	573 95.5	573 95.5	573 95.5	573 95.5	573 95.5	572 95.3	1 0.2	558 93.0	581 96.8	573 95.5	0 0.0
Health Board Total	1096	1050 95.8	1050 95.8	1050 95.8	1050 95.8	1050 95.8	1049 95.7	1 0.1	1031 94.1	1066 97.3	1051 95.9	0 0.0
Hywel Dda University HB												
Carmarthenshire LA	409	384 93.9	384 93.9	384 93.9	384 93.9	384 93.9	383 93.6	1 0.2	377 92.2	391 95.6	385 94.1	1 0.2
Ceredigion LA	121	112 92.6	112 92.6	112 92.6	112 92.6	112 92.6	112 92.6	0 0.0	110 90.9	112 92.6	112 92.6	0 0.0
Pembrokeshire LA	238	223 93.7	223 93.7	223 93.7	223 93.7	223 93.7	223 93.7	0 0.0	220 92.4	229 96.2	224 94.1	0 0.0
Health Board Total	768	719 93.6	719 93.6	719 93.6	719 93.6	719 93.6	718 93.5	1 0.1	707 92.1	732 95.3	721 93.9	1 0.1
Powys Teaching HB												
Health Board Total	251	234 93.2	234 93.2	234 93.2	234 93.2	234 93.2	234 93.2	0 0.0	226 90.0	236 94.0	232 92.4	0 0.0
Swansea Bay University HB												
Neath Port Talbot LA	334	317 94.9	317 94.9	317 94.9	317 94.9	317 94.9	317 94.9	1 0.3	310 92.8	325 97.3	318 95.2	1 0.3
Swansea LA	519	486 93.6	486 93.6	486 93.6	486 93.6	486 93.6	486 93.6	0 0.0	479 92.3	495 95.4	482 92.9	0 0.0
Health Board Total	853	803 94.1	803 94.1	803 94.1	803 94.1	803 94.1	803 94.1	1 0.1	789 92.5	820 96.1	800 93.8	1 0.1
Unknown	2	1 50.0	1 50.0	1 50.0	1 50.0	1 50.0	1 50.0	0 0.0	1 50.0	1 50.0	1 50.0	0 0.0
Wales Total	7310	6861 93.9	6861 93.9	6860 93.8	6860 93.8	6860 93.8	6861 93.9	24 0.3	6684 91.4	6998 95.7	6844 93.6	16 0.2

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 01/07/23 and 30/09/23 and resident on 30/09/23.

Area	Resident children	D3	T3	P3	Po3	Hib3	HepB ¹	MMR1	PCV2 ¹	PCVf ²	Men B ³	HibMenC
	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)
<u>Aneurin Bevan University HB</u>												
Blaenau Gwent LA	184	176 95.7	176 95.7	176 95.7	176 95.7	176 95.7	176 95.7	173 94.0	178 96.7	174 94.6	174 94.6	173 94.0
Caerphilly LA	440	427 97.0	427 97.0	427 97.0	427 97.0	427 97.0	427 97.0	420 95.5	428 97.3	419 95.2	419 95.2	417 94.8
Monmouthshire LA	190	186 97.9	186 97.9	186 97.9	186 97.9	186 97.9	186 97.9	181 95.3	187 98.4	182 95.8	183 96.3	182 95.8
Newport LA	487	453 93.0	453 93.0	453 93.0	453 93.0	453 93.0	449 92.2	434 89.1	451 92.6	431 88.5	432 88.7	431 88.5
Torfaen LA	244	230 94.3	230 94.3	230 94.3	230 94.3	230 94.3	230 94.3	221 90.6	231 94.7	220 90.2	219 89.8	219 89.8
Health Board Total	1545	1472 95.3	1472 95.3	1472 95.3	1472 95.3	1472 95.3	1468 95.0	1429 92.5	1475 95.5	1426 92.3	1427 92.4	1422 92.0
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	160	160 100.0	160 100.0	160 100.0	160 100.0	160 100.0	160 100.0	156 97.5	160 100.0	156 97.5	156 97.5	156 97.5
Conwy LA	267	256 95.9	256 95.9	256 95.9	256 95.9	256 95.9	256 95.9	249 93.3	256 95.9	244 91.4	245 91.8	245 91.8
Denbighshire LA	251	241 96.0	241 96.0	241 96.0	241 96.0	241 96.0	241 96.0	234 93.2	243 96.8	234 93.2	235 93.6	231 92.0
Flintshire LA	368	357 97.0	357 97.0	357 97.0	357 97.0	357 97.0	357 97.0	347 94.3	359 97.6	350 95.1	349 94.8	348 94.6
Gwynedd LA	282	267 94.7	267 94.7	267 94.7	267 94.7	267 94.7	268 95.0	264 93.6	265 94.0	260 92.2	259 91.8	264 93.6
Wrexham LA	336	327 97.3	327 97.3	327 97.3	327 97.3	327 97.3	326 97.0	317 94.3	326 97.0	313 93.2	312 92.9	315 93.8
Health Board Total	1664	1608 96.6	1608 96.6	1608 96.6	1608 96.6	1608 96.6	1608 96.6	1567 94.2	1609 96.7	1557 93.6	1556 93.5	1559 93.7
<u>Cardiff and Vale University HB</u>												
Cardiff LA	989	938 94.8	938 94.8	938 94.8	938 94.8	938 94.8	937 94.7	938 94.8	909 91.9	926 93.6	907 91.7	892 90.2
Vale of Glamorgan LA	333	313 94.0	313 94.0	313 94.0	313 94.0	313 94.0	312 93.7	301 90.4	311 93.4	297 89.2	299 89.8	298 89.5
Health Board Total	1322	1251 94.6	1251 94.6	1251 94.6	1251 94.6	1251 94.6	1250 94.6	1250 94.6	1210 91.5	1237 93.6	1204 91.1	1191 90.1
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	351	341 97.2	341 97.2	341 97.2	341 97.2	341 97.2	341 97.2	340 96.9	336 95.7	342 97.4	337 96.0	334 95.2
Merthyr Tydfil LA	145	140 96.6	140 96.6	140 96.6	140 96.6	140 96.6	140 96.6	140 96.6	139 95.9	140 96.6	138 95.2	137 94.5
Rhondda Cynon Taf LA	612	592 96.7	592 96.7	592 96.7	592 96.7	592 96.7	591 96.6	592 96.7	587 95.9	589 96.2	587 95.9	584 95.4
Health Board Total	1108	1073 96.8	1073 96.8	1073 96.8	1073 96.8	1073 96.8	1072 96.8	1072 96.8	1062 95.8	1071 96.7	1062 95.8	1056 95.3
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	421	403 95.7	403 95.7	403 95.7	403 95.7	403 95.7	403 95.7	386 91.7	406 96.4	385 91.4	382 90.7	384 91.2
Ceredigion LA	165	158 95.8	158 95.8	158 95.8	158 95.8	158 95.8	158 95.8	153 92.7	158 95.8	153 92.7	150 90.9	151 91.5
Pembrokeshire LA	306	298 97.4	298 97.4	298 97.4	298 97.4	298 97.4	298 97.4	288 94.1	300 98.0	287 93.8	285 93.1	287 93.8
Health Board Total	892	859 96.3	859 96.3	859 96.3	859 96.3	859 96.3	859 96.3	827 92.7	864 96.9	825 92.5	817 91.6	822 92.2
<u>Powys Teaching HB</u>												
Health Board Total	279	264 94.6	264 94.6	264 94.6	264 94.6	264 94.6	264 94.6	264 94.6	261 93.5	264 94.6	259 92.8	260 93.2
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	312	304 97.4	304 97.4	304 97.4	304 97.4	304 97.4	304 97.4	303 97.1	292 93.6	303 97.1	295 94.6	292 93.6
Swansea LA	565	541 95.8	541 95.8	541 95.8	541 95.8	541 95.8	541 95.8	542 95.9	521 92.2	534 94.5	520 92.0	516 91.3
Health Board Total	877	845 96.4	845 96.4	845 96.4	845 96.4	845 96.4	845 96.4	845 96.4	813 92.7	837 95.4	815 92.9	808 92.1
Unknown	4	4 100.0	4 100.0	4 100.0	4 100.0	4 100.0	4 100.0	4 100.0	3 75.0	4 100.0	2 50.0	2 50.0
Wales Total	7691	7376 95.9	7376 95.9	7376 95.9	7376 95.9	7376 95.9	7376 95.9	7374 95.9	7370 95.8	7172 93.3	7361 95.7	7150 93.0

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 01/07/23 and 30/09/23 and resident on 30/09/23. The proportion of children who have received all of these vaccines by their 4th birthday is also presented.

Area	Resident children (n)	4 in 1 Preschool Booster ¹		HibMenC		MMR dose 2		Up to date in schedule ²	
		(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	196	164	83.7	185	94.4	163	83.2	161	82.1
Caerphilly LA	479	420	87.7	457	95.4	420	87.7	415	86.6
Monmouthshire LA	193	173	89.6	185	95.9	172	89.1	171	88.6
Newport LA	525	443	84.4	465	88.6	439	83.6	415	79.0
Torfaen LA	258	222	86.0	244	94.6	223	86.4	221	85.7
Health Board Total	1651	1422	86.1	1536	93.0	1417	85.8	1383	83.8
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	164	153	93.3	160	97.6	151	92.1	150	91.5
Conwy LA	282	236	83.7	262	92.9	236	83.7	231	81.9
Denbighshire LA	259	216	83.4	248	95.8	214	82.6	213	82.2
Flintshire LA	403	361	89.6	387	96.0	363	90.1	361	89.6
Gwynedd LA	247	225	91.1	235	95.1	221	89.5	218	88.3
Wrexham LA	368	325	88.3	351	95.4	323	87.8	321	87.2
Health Board Total	1723	1516	88.0	1643	95.4	1508	87.5	1494	86.7
<u>Cardiff and Vale University HB</u>									
Cardiff LA	985	797	80.9	905	91.9	791	80.3	771	78.3
Vale of Glamorgan LA	353	306	86.7	333	94.3	308	87.3	301	85.3
Health Board Total	1338	1103	82.4	1238	92.5	1099	82.1	1072	80.1
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	332	292	88.0	318	95.8	292	88.0	288	86.7
Merthyr Tydfil LA	158	136	86.1	154	97.5	135	85.4	134	84.8
Rhondda Cynon Taf LA	641	565	88.1	607	94.7	564	88.0	552	86.1
Health Board Total	1131	993	87.8	1079	95.4	991	87.6	974	86.1
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	466	402	86.3	441	94.6	406	87.1	396	85.0
Ceredigion LA	135	117	86.7	121	89.6	117	86.7	115	85.2
Pembrokeshire LA	306	249	81.4	285	93.1	246	80.4	245	80.1
Health Board Total	907	768	84.7	847	93.4	769	84.8	756	83.4
<u>Powys Teaching HB</u>									
Health Board Total	283	269	95.1	277	97.9	268	94.7	268	94.7
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	319	271	85.0	304	95.3	271	85.0	270	84.6
Swansea LA	661	581	87.9	618	93.5	578	87.4	569	86.1
Health Board Total	980	852	86.9	922	94.1	849	86.6	839	85.6
Unknown	3	2	66.7	3	100.0	2	66.7	2	66.7
Wales Total	8016	6925	86.4	7545	94.1	6903	86.1	6788	84.7

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 01/07/23 and 30/09/23 and resident on 30/09/23. 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	
		(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	186	173	93.0	177	95.2	171	91.9	171	91.9
Caerphilly LA	490	444	90.6	471	96.1	444	90.6	442	90.2
Monmouthshire LA	244	227	93.0	231	94.7	226	92.6	221	90.6
Newport LA	531	451	84.9	477	89.8	453	85.3	443	83.4
Torfaen LA	282	245	86.9	259	91.8	244	86.5	238	84.4
Health Board Total	1733	1540	88.9	1615	93.2	1538	88.7	1515	87.4
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	157	149	94.9	154	98.1	150	95.5	149	94.9
Conwy LA	249	221	88.8	233	93.6	220	88.4	220	88.4
Denbighshire LA	228	204	89.5	216	94.7	203	89.0	203	89.0
Flintshire LA	415	375	90.4	393	94.7	374	90.1	370	89.2
Gwynedd LA	306	285	93.1	292	95.4	285	93.1	283	92.5
Wrexham LA	373	345	92.5	356	95.4	345	92.5	342	91.7
Health Board Total	1728	1579	91.4	1644	95.1	1577	91.3	1567	90.7
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1110	952	85.8	992	89.4	947	85.3	921	83.0
Vale of Glamorgan LA	385	333	86.5	357	92.7	328	85.2	327	84.9
Health Board Total	1495	1285	86.0	1349	90.2	1275	85.3	1248	83.5
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	408	366	89.7	393	96.3	367	90.0	362	88.7
Merthyr Tydfil LA	199	173	86.9	182	91.5	173	86.9	171	85.9
Rhondda Cynon Taf LA	699	642	91.8	669	95.7	641	91.7	630	90.1
Health Board Total	1306	1181	90.4	1244	95.3	1181	90.4	1163	89.1
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	500	436	87.2	469	93.8	435	87.0	432	86.4
Ceredigion LA	150	138	92.0	144	96.0	138	92.0	137	91.3
Pembrokeshire LA	294	261	88.8	279	94.9	260	88.4	259	88.1
Health Board Total	944	835	88.5	892	94.5	833	88.2	828	87.7
<u>Powys Teaching HB</u>									
Health Board Total	342	309	90.4	324	94.7	309	90.4	307	89.8
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	375	337	89.9	360	96.0	334	89.1	330	88.0
Swansea LA	676	602	89.1	622	92.0	600	88.8	584	86.4
Health Board Total	1051	939	89.3	982	93.4	934	88.9	914	87.0
Unknown	2	1	50.0	1	50.0	1	50.0	1	50.0
Wales Total	8601	7669	89.2	8051	93.6	7648	88.9	7543	87.7

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 01/07/23 and 30/07/23 and resident on 30/07/23.

Area	Resident children (n)	D3		T3		P3		Po3		Hib3		MenC ¹		PCVf ²		HibMenC		MMR1		MMR2		D4		T4		aP		Po4			
		(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Aneurin Bevan University HB	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)		
Blaenau Gwent LA	186	180	96.8	180	96.8	180	96.8	180	96.8	180	96.8	0	0.0	176	94.6	177	95.2	179	96.2	171	91.9	173	93.0	173	93.0	173	93.0	173	93.0	173	93.0
Caerphilly LA	490	475	96.9	475	96.9	475	96.9	475	96.9	475	96.9	0	0.0	467	95.3	471	96.1	474	96.7	444	90.6	444	90.6	444	90.6	444	90.6	444	90.6	444	90.6
Monmouthshire LA	244	235	96.3	235	96.3	235	96.3	235	96.3	235	96.3	1	0.4	232	95.1	231	94.7	237	97.1	226	92.6	227	93.0	227	93.0	227	93.0	227	93.0	227	93.0
Newport LA	531	491	92.5	491	92.5	491	92.5	491	92.5	491	92.5	2	0.4	475	89.5	477	89.8	486	91.5	453	85.3	451	84.9	451	84.9	451	84.9	451	84.9	451	84.9
Torfaen LA	282	268	95.0	268	95.0	268	95.0	268	95.0	268	95.0	0	0.0	261	92.6	259	91.8	265	94.0	244	86.5	245	86.9	245	86.9	245	86.9	245	86.9	245	86.9
Health Board Total	1733	1649	95.2	1649	95.2	1649	95.2	1649	95.2	1649	95.2	3	0.2	1611	93	1615	93.2	1641	94.7	1538	88.7	1540	88.9	1540	88.9	1540	88.9	1540	88.9	1540	88.9
Betsi Cadwaladr University HB																															
Anglesey LA	157	153	97.5	153	97.5	153	97.5	153	97.5	153	97.5	0	0.0	152	96.8	154	98.1	155	98.7	150	95.5	149	94.9	149	94.9	149	94.9	149	94.9	149	94.9
Conwy LA	249	237	95.2	237	95.2	237	95.2	237	95.2	237	95.2	0	0.0	227	91.2	233	93.6	232	93.2	220	88.4	221	88.8	221	88.8	221	88.8	221	88.8	221	88.8
Denbighshire LA	228	216	94.7	216	94.7	216	94.7	216	94.7	216	94.7	0	0.0	213	93.4	216	94.7	216	94.7	203	89.0	204	89.5	204	89.5	204	89.5	204	89.5	204	89.5
Flintshire LA	415	400	96.4	400	96.4	400	96.4	400	96.4	399	96.1	0	0.0	393	94.7	393	94.7	399	96.1	374	90.1	375	90.4	375	90.4	375	90.4	375	90.4	375	90.4
Gwynedd LA	306	293	95.8	293	95.8	293	95.8	293	95.8	293	95.8	0	0.0	290	94.8	292	95.4	292	95.4	285	93.1	285	93.1	285	93.1	285	93.1	285	93.1	285	93.1
Wrexham LA	373	359	96.2	359	96.2	359	96.2	359	96.2	359	96.2	0	0.0	349	93.6	356	95.4	360	96.5	345	92.5	345	92.5	345	92.5	345	92.5	345	92.5	346	92.8
Health Board Total	1728	1658	95.9	1658	95.9	1658	95.9	1658	95.9	1657	95.9	0	0.0	1624	94	1644	95.1	1654	95.7	1577	91.3	1579	91.4	1579	91.4	1579	91.4	1579	91.4	1580	91.4
Cardiff and Vale University HB																															
Cardiff LA	1110	1026	92.4	1026	92.4	1026	92.4	1026	92.4	1023	92.2	1	0.1	970	87.4	992	89.4	1029	92.7	947	85.3	952	85.8	952	85.8	952	85.8	951	85.7		
Vale of Glamorgan LA	385	366	95.1	366	95.1	366	95.1	366	95.1	366	95.1	0	0.0	351	91.2	357	92.7	362	94.0	328	85.2	333	86.5	333	86.5	333	86.5	333	86.5	333	86.5
Health Board Total	1495	1392	93.1	1392	93.1	1392	93.1	1392	93.1	1389	92.9	1	0.1	1321	88.4	1349	90.2	1391	93.0	1275	85.3	1285	86.0	1285	86.0	1285	86.0	1284	85.9		
Cwm Taf Morgannwg University HB																															
Bridgend LA	408	399	97.8	399	97.8	399	97.8	398	97.5	399	97.8	2	0.5	388	95.1	393	96.3	395	96.8	367	90.0	366	89.7	366	89.7	366	89.7	366	89.7	366	89.7
Merthyr Tydfil LA	199	186	93.5	186	93.5	186	93.5	186	93.5	186	93.5	0	0.0	183	92	182	91.5	186	93.5	173	86.9	173	86.9	173	86.9	173	86.9	173	86.9	173	86.9
Rhondda Cynon Taf LA	699	685	98.0	685	98.0	685	98.0	685	98.0	684	97.9	0	0.0	669	95.7	669	95.7	682	97.6	641	91.7	642	91.8	642	91.8	642	91.8	642	91.8	642	91.8
Health Board Total	1306	1270	97.2	1270	97.2	1270	97.2	1269	97.2	1269	97.2	2	0.2	1240	94.9	1244	95.3	1263	96.7	1181	90.4	1181	90.4	1181	90.4	1181	90.4	1181	90.4	1181	90.4
Hywel Dda University HB																															
Carmarthenshire LA	500	477	95.4	477	95.4	477	95.4	477	95.4	476	95.2	0	0.0	461	92.2	469	93.8	472	94.4	435	87.0	436	87.2	436	87.2	436	87.2	436	87.2	436	87.2
Ceredigion LA	150	146	97.3	146	97.3	146	97.3	146	97.3	143	95.3	0	0.0	141	94	144	96.0	146	97.3	138	92.0	138	92.0	138	92.0	138	92.0	138	92.0	138	92.0
Pembrokeshire LA	294	283	96.3	283	96.3	283	96.3	283	96.3	283	96.3	0	0.0	279	94.9	279	94.9	281	95.6	260	88.4	261	88.8	261	88.8	261	88.8	261	88.8	261	88.8
Health Board Total	944	906	96.0	906	96.0	906	96.0	906	96.0	902	95.6	0	0.0	881	93.3	892	94.5	899	95.2	833	88.2	835	88.5	835	88.5	835	88.5	835	88.5	835	88.5
Powys Teaching HB																															
Health Board Total	342	326	95.3	326	95.3	326	95.3	327	95.6	325	95.0	1	0.3	324	94.7	324	94.7	329	96.2	309	90.4	309	90.4	309	90.4	309	90.4	309	90.4	309	90.4
Swansea Bay University HB																															
Neath Port Talbot LA	375	363	96.8	363	96.8	363	96.8	362	96.5	363	96.8	1	0.3	354	94.4	360	96.0	363	96.8	334	89.1	337	89.9	337	89.9	337	89.9	337	89.9	337	89.9
Swansea LA	676	643	95.1	643	95.1	643	95.1	643	95.1	642	95.0	1	0.1	613	90.7	622	92.0	636	94.1	600	88.8	602	89.1	602	89.1	602	89.1	602	89.1	602	89.1
Health Board Total	1051	1006	95.7	1006	95.7	1006	95.7	1005	95.6	1005	95.6	2	0.2	967	92	982	93.4	999	95.1	934	88.9	939	89.3	939	89.3	939	89.3	939	89.3	939	89.3
Unknown	2	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	0	0.0	1	50	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0	1	50.0
Wales Total	8601	8208	95.4	8208	95.4	8208	95.4	8207	95.4	8197	95.3	9	0.1	7969	92.7	8051	93.6	8177	95.1	7648	88.9	7669	89.2	7669	89.2	7669	89.2	7669	89.2	7669	89.2

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 30/09/23, with breakdown of coverage for sex.

Area	Resident children			Resident girls			Resident boys		
	(n)	HPV 1 dose (n)	(%)	(n)	HPV 1 dose (girls) (n)	(%)	(n)	HPV 1 dose (boys) (n)	(%)
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	821	454	55.3	419	255	60.9	402	199	49.5
Caerphilly LA	2253	1299	57.7	1094	672	61.4	1159	627	54.1
Monmouthshire LA	1080	691	64.0	523	339	64.8	556	352	63.3
Newport LA	2235	1266	56.6	1108	647	58.4	1127	619	54.9
Torfaen LA	1195	728	60.9	604	416	68.9	591	312	52.8
Health Board Total	7584	4438	58.5	3748	2329	62.1	3835	2109	55.0
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	817	549	67.2	400	281	70.3	417	268	64.3
Conwy LA	1340	740	55.2	659	414	62.8	679	326	48.0
Denbighshire LA	1183	576	48.7	573	317	55.3	610	259	42.5
Flintshire LA	1841	1268	68.9	849	634	74.7	992	634	63.9
Gwynedd LA	1410	954	67.7	657	469	71.4	752	485	64.5
Wrexham LA	1638	1057	64.5	806	561	69.6	832	496	59.6
Health Board Total	8229	5144	62.5	3944	2676	67.8	4282	2468	57.6
<u>Cardiff and Vale University HB</u>									
Cardiff LA	4610	2737	59.4	2256	1418	62.9	2354	1319	56.0
Vale of Glamorgan LA	1746	1174	67.2	858	611	71.2	888	563	63.4
Health Board Total	6356	3911	61.5	3114	2029	65.2	3242	1882	58.1
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	1805	1310	72.6	894	677	75.7	911	633	69.5
Merthyr Tydfil LA	702	470	67.0	318	241	75.8	384	229	59.6
Rhondda Cynon Taf LA	3033	2172	71.6	1517	1136	74.9	1516	1036	68.3
Health Board Total	5540	3952	71.3	2729	2054	75.3	2811	1898	67.5
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	2170	1544	71.2	1043	785	75.3	1126	759	67.4
Ceredigion LA	765	594	77.6	388	316	81.4	377	278	73.7
Pembrokeshire LA	1431	904	63.2	713	488	68.4	718	416	57.9
Health Board Total	4366	3042	69.7	2144	1589	74.1	2221	1453	65.4
<u>Powys Teaching HB</u>									
Health Board Total	1328	1007	75.8	654	516	78.9	671	491	73.2
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	1678	1384	82.5	812	683	84.1	866	701	80.9
Swansea LA	2830	2291	81.0	1369	1139	83.2	1461	1152	78.9
Health Board Total	4508	3675	81.5	2181	1822	83.5	2327	1853	79.6
Unknown	25	14	56.0	14	9	64.3	11	5	45.5
Wales Total	37936	25183	66.4	18528	13024	70.3	19400	12159	62.7

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 30/09/23, 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)	(%)	(n)	(%)	
Aneurin Bevan University HB																		
Blaenau Gwent LA	813	560	68.9	452	55.6	379	273	72.0	228	60.2	434	287	66.1	224	51.6			
Caerphilly LA	2213	1534	69.3	1140	51.5	1076	788	73.2	596	55.4	1137	746	65.6	544	47.8			
Monmouthshire LA	1118	800	71.6	685	61.3	548	417	76.1	358	65.3	570	383	67.2	327	57.4			
Newport LA	2196	1373	62.5	1128	51.4	1023	672	65.7	554	54.2	1172	701	59.8	574	49.0			
Torfaen LA	1180	829	70.3	657	55.7	549	414	75.4	326	59.4	630	415	65.9	331	52.5			
Health Board Total	7520	5096	67.8	4062	54.0	3575	2564	71.7	2062	57.7	3943	2532	64.2	2000	50.7			
Betsi Cadwaladr University HB																		
Anglesey LA	823	654	79.5	591	71.8	390	329	84.4	301	77.2	433	325	75.1	290	67.0			
Conwy LA	1242	906	72.9	652	52.5	617	472	76.5	344	55.8	625	434	69.4	308	49.3			
Denbighshire LA	1180	759	64.3	450	38.1	581	391	67.3	252	43.4	599	368	61.4	198	33.1			
Flintshire LA	1790	1427	79.7	1235	69.0	877	735	83.8	634	72.3	913	692	75.8	601	65.8			
Gwynedd LA	1321	1043	79.0	962	72.8	639	536	83.9	495	77.5	682	507	74.3	467	68.5			
Wrexham LA	1633	1251	76.6	1051	64.4	767	610	79.5	514	67.0	866	641	74.0	537	62.0			
Health Board Total	7989	6040	75.6	4941	61.8	3871	3073	79.4	2540	65.6	4118	2967	72.0	2401	58.3			
Cardiff and Vale University HB																		
Cardiff LA	4537	2547	56.1	1959	43.2	2239	1318	58.9	982	43.9	2298	1229	53.5	977	42.5			
Vale of Glamorgan LA	1679	1145	68.2	907	54.0	811	601	74.1	480	59.2	868	544	62.7	427	49.2			
Health Board Total	6216	3692	59.4	2866	46.1	3050	1919	62.9	1462	47.9	3166	1773	56.0	1404	44.3			
Cwm Taf Morgannwg University HB																		
Bridgend LA	1695	1435	84.7	1229	72.5	775	672	86.7	580	74.8	920	763	82.9	649	70.5			
Merthyr Tydfil LA	747	539	72.2	414	55.4	385	297	77.1	232	60.3	362	242	66.9	182	50.3			
Rhondda Cynon Taf LA	3017	2573	85.3	2094	69.4	1474	1296	87.9	1049	71.2	1540	1275	82.8	1045	67.9			
Health Board Total	5459	4547	83.3	3737	68.5	2634	2265	86.0	1861	70.7	2822	2280	80.8	1876	66.5			
Hywel Dda University HB																		
Carmarthenshire LA	2159	1672	77.4	1389	64.3	1076	873	81.1	725	67.4	1083	799	73.8	664	61.3			
Ceredigion LA	605	503	83.1	455	75.2	302	261	86.4	236	78.1	303	242	79.9	219	72.3			
Pembrokeshire LA	1383	947	68.5	815	58.9	698	524	75.1	451	64.6	685	423	61.8	364	53.1			
Health Board Total	4147	3122	75.3	2659	64.1	2076	1658	79.9	1412	68.0	2071	1464	70.7	1247	60.2			
Powys Teaching HB																		
Health Board Total	1370	1059	77.3	937	68.4	669	537	80.3	482	72.0	700	522	74.6	455	65.0			
Swansea Bay University HB																		
Neath Port Talbot LA	1695	1503	88.7	1307	77.1	822	745	90.6	646	78.6	873	758	86.8	661	75.7			
Swansea LA	2779	2452	88.2	2160	77.7	1342	1203	89.6	1071	79.8	1437	1249	86.9	1089	75.8			
Health Board Total	4474	3955	88.4	3467	77.5	2164	1948	90.0	1717	79.3	2310	2007	86.9	1750	75.8			
Unknown	27	9	33.3	8	29.6	13	7	53.8	6	46.2	14	2	14.3	2	14.3			
Wales Total	37202	27520	74.0	22677	61.0	18052	13971	77.4	11542	63.9	19144	13547	70.8	11135	58.2			

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 30/09/23, 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)
Aneurin Bevan University HB																	
Blaenau Gwent LA	860		701	81.5	638	74.2	416	351	84.4	320	76.9	444	350	78.8	318	71.6	
Caerphilly LA	2282		1924	84.3	1655	72.5	1087	942	86.7	822	75.6	1195	982	82.2	833	69.7	
Monmouthshire LA	1123		880	78.4	723	64.4	545	443	81.3	359	65.9	578	437	75.6	364	63.0	
Newport LA	2283		1663	72.8	1444	63.3	1102	848	77.0	740	67.2	1180	815	69.1	704	59.7	
Torfaen LA	1160		952	82.1	846	72.9	554	472	85.2	408	73.6	606	480	79.2	438	72.3	
Health Board Total	7708		6120	79.4	5306	68.8	3704	3056	82.5	2649	71.5	4003	3064	76.5	2657	66.4	
Betsi Cadwaladr University HB																	
Anglesey LA	814		676	83.0	613	75.3	414	365	88.2	321	77.5	400	311	77.8	292	73.0	
Conwy LA	1269		1032	81.3	855	67.4	631	545	86.4	445	70.5	637	487	76.5	410	64.4	
Denbighshire LA	1228		876	71.3	689	56.1	579	439	75.8	357	61.7	647	437	67.5	332	51.3	
Flintshire LA	1820		1498	82.3	1395	76.6	887	736	83.0	691	77.9	933	762	81.7	704	75.5	
Gwynedd LA	1328		1139	85.8	1086	81.8	645	566	87.8	542	84.0	683	573	83.9	544	79.6	
Wrexham LA	1665		1417	85.1	1310	78.7	808	722	89.4	672	83.2	856	695	81.2	638	74.5	
Health Board Total	8124		6638	81.7	5948	73.2	3964	3373	85.1	3028	76.4	4156	3265	78.6	2920	70.3	
Cardiff and Vale University HB																	
Cardiff LA	4545		3483	76.6	3192	70.2	2241	1793	80.0	1646	73.4	2304	1690	73.4	1546	67.1	
Vale of Glamorgan LA	1721		1405	81.6	1282	74.5	837	708	84.6	648	77.4	884	697	78.8	634	71.7	
Health Board Total	6266		4888	78.0	4474	71.4	3078	2501	81.3	2294	74.5	3188	2387	74.9	2180	68.4	
Cwm Taf Morgannwg University HB																	
Bridgend LA	1714		1548	90.3	1441	84.1	828	765	92.4	705	85.1	886	783	88.4	736	83.1	
Merthyr Tydfil LA	779		670	86.0	578	74.2	380	339	89.2	295	77.6	399	331	83.0	283	70.9	
Rhondda Cynon Taf LA	2966		2627	88.6	2390	80.6	1460	1311	89.8	1201	82.3	1503	1314	87.4	1188	79.0	
Health Board Total	5459		4845	88.8	4409	80.8	2668	2415	90.5	2201	82.5	2788	2428	87.1	2207	79.2	
Hywel Dda University HB																	
Carmarthenshire LA	2328		2006	86.2	1838	79.0	1152	1023	88.8	943	81.9	1176	983	83.6	895	76.1	
Ceredigion LA	650		546	84.0	529	81.4	316	281	88.9	272	86.1	334	265	79.3	257	76.9	
Pembrokeshire LA	1383		1094	79.1	1026	74.2	688	570	82.8	538	78.2	695	524	75.4	488	70.2	
Health Board Total	4361		3646	83.6	3393	77.8	2156	1874	86.9	1753	81.3	2205	1772	80.4	1640	74.4	
Powys Teaching HB																	
Health Board Total	1521		1235	81.2	1167	76.7	704	596	84.7	559	79.4	817	639	78.2	608	74.4	
Swansea Bay University HB																	
Neath Port Talbot LA	1683		1528	90.8	1411	83.8	792	724	91.4	663	83.7	891	804	90.2	748	84.0	
Swansea LA	2950		2630	89.2	2472	83.8	1468	1324	90.2	1245	84.8	1482	1306	88.1	1227	82.8	
Health Board Total	4633		4158	89.7	3883	83.8	2260	2048	90.6	1908	84.4	2373	2110	88.9	1975	83.2	
Unknown	38		27	71.1	23	60.5	19	12	63.2	11	57.9	19	15	78.9	12	63.2	
Wales Total	38110		31557	82.8	28603	75.1	18553	15875	85.6	14403	77.6	19549	15680	80.2	14199	72.6	

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 30/09/23.

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	821	454	55.3	813	560	68.9	452	55.6	860	701	81.5	638	74.2
Caerphilly LA	2253	1299	57.7	2213	1534	69.3	1140	51.5	2282	1924	84.3	1655	72.5
Monmouthshire LA	1080	691	64.0	1118	800	71.6	685	61.3	1123	880	78.4	723	64.4
Newport LA	2235	1266	56.6	2196	1373	62.5	1128	51.4	2283	1663	72.8	1444	63.3
Torfaen LA	1195	728	60.9	1180	829	70.3	657	55.7	1160	952	82.1	846	72.9
Health Board Total	7584	4438	58.5	7520	5096	67.8	4062	54.0	7708	6120	79.4	5306	68.8
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	817	549	67.2	823	654	79.5	591	71.8	814	676	83.0	613	75.3
Conwy LA	1340	740	55.2	1242	906	72.9	652	52.5	1269	1032	81.3	855	67.4
Denbighshire LA	1183	576	48.7	1180	759	64.3	450	38.1	1228	876	71.3	689	56.1
Flintshire LA	1841	1268	68.9	1790	1427	79.7	1235	69.0	1820	1498	82.3	1395	76.6
Gwynedd LA	1410	954	67.7	1321	1043	79.0	962	72.8	1328	1139	85.8	1086	81.8
Wrexham LA	1638	1057	64.5	1633	1251	76.6	1051	64.4	1665	1417	85.1	1310	78.7
Health Board Total	8229	5144	62.5	7989	6040	75.6	4941	61.8	8124	6638	81.7	5948	73.2
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4610	2737	59.4	4537	2547	56.1	1959	43.2	4545	3483	76.6	3192	70.2
Vale of Glamorgan LA	1746	1174	67.2	1679	1145	68.2	907	54.0	1721	1405	81.6	1282	74.5
Health Board Total	6356	3911	61.5	6216	3692	59.4	2866	46.1	6266	4888	78.0	4474	71.4
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1805	1310	72.6	1695	1435	84.7	1229	72.5	1714	1548	90.3	1441	84.1
Merthyr Tydfil LA	702	470	67.0	747	539	72.2	414	55.4	779	670	86.0	578	74.2
Rhondda Cynon Taf LA	3033	2172	71.6	3017	2573	85.3	2094	69.4	2966	2627	88.6	2390	80.6
Health Board Total	5540	3952	71.3	5459	4547	83.3	3737	68.5	5459	4845	88.8	4409	80.8
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	2170	1544	71.2	2159	1672	77.4	1389	64.3	2328	2006	86.2	1838	79.0
Ceredigion LA	765	594	77.6	605	503	83.1	455	75.2	650	546	84.0	529	81.4
Pembrokeshire LA	1431	904	63.2	1383	947	68.5	815	58.9	1383	1094	79.1	1026	74.2
Health Board Total	4366	3042	69.7	4147	3122	75.3	2659	64.1	4361	3646	83.6	3393	77.8
<u>Powys Teaching HB</u>													
Health Board Total	1328	1007	75.8	1370	1059	77.3	937	68.4	1521	1235	81.2	1167	76.7
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1678	1384	82.5	1695	1503	88.7	1307	77.1	1683	1528	90.8	1411	83.8
Swansea LA	2830	2291	81.0	2779	2452	88.2	2160	77.7	2950	2630	89.2	2472	83.8
Health Board Total	4508	3675	81.5	4474	3955	88.4	3467	77.5	4633	4158	89.7	3883	83.8
Unknown	25	14	56.0	27	9	33.3	8	29.6	38	27	71.1	23	60.5
Wales Total	37936	25183	66.4	37202	27520	74.0	22677	61.0	38110	31557	82.8	28603	75.1

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 30/09/23.

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	813	523	64.3	860	607	70.6	730	568	77.8	797	671	84.2
Caerphilly LA	2213	1286	58.1	2282	1539	67.4	2109	1725	81.8	2137	1780	83.3
Monmouthshire LA	1118	713	63.8	1123	787	70.1	1121	861	76.8	1109	846	76.3
Newport LA	2196	1250	56.9	2283	1376	60.3	2078	1531	73.7	1949	1524	78.2
Torfaen LA	1180	731	61.9	1160	786	67.8	1150	921	80.1	1153	934	81.0
Health Board Total	7520	4503	59.9	7708	5095	66.1	7188	5606	78.0	7145	5755	80.5
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	823	465	56.5	814	602	74.0	788	645	81.9	720	614	85.3
Conwy LA	1242	757	61.0	1269	953	75.1	1241	1008	81.2	1245	1065	85.5
Denbighshire LA	1180	647	54.8	1228	813	66.2	1159	907	78.3	1146	892	77.8
Flintshire LA	1790	1195	66.8	1820	1404	77.1	1823	1570	86.1	1683	1318	78.3
Gwynedd LA	1321	945	71.5	1328	1104	83.1	1302	1144	87.9	1351	1193	88.3
Wrexham LA	1633	1061	65.0	1665	1287	77.3	1562	1305	83.5	1569	1257	80.1
Health Board Total	7989	5070	63.5	8124	6163	75.9	7875	6579	83.5	7714	6339	82.2
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4537	2971	65.5	4545	3251	71.5	4374	3235	74.0	4245	3245	76.4
Vale of Glamorgan LA	1679	1155	68.8	1721	1346	78.2	1649	1312	79.6	1519	1292	85.1
Health Board Total	6216	4126	66.4	6266	4597	73.4	6023	4547	75.5	5764	4537	78.7
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1695	1285	75.8	1714	1445	84.3	1753	1560	89.0	1631	1476	90.5
Merthyr Tydfil LA	747	474	63.5	779	589	75.6	733	609	83.1	705	635	90.1
Rhondda Cynon Taf LA	3017	2130	70.6	2966	2367	79.8	2868	2512	87.6	2893	2635	91.1
Health Board Total	5459	3889	71.2	5459	4401	80.6	5354	4681	87.4	5229	4746	90.8
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2159	1515	70.2	2328	1830	78.6	2189	1900	86.8	2142	1838	85.8
Ceredigion LA	605	501	82.8	650	560	86.2	681	604	88.7	626	546	87.2
Pembrokeshire LA	1383	921	66.6	1383	891	64.4	1370	1123	82.0	1386	1002	72.3
Health Board Total	4147	2937	70.8	4361	3281	75.2	4240	3627	85.5	4154	3386	81.5
<u>Powys Teaching HB</u>												
Health Board Total	1370	968	70.7	1521	1203	79.1	1391	1215	87.3	1401	1178	84.1
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1695	1359	80.2	1683	1451	86.2	1658	1469	88.6	1641	1458	88.8
Swansea LA	2779	2337	84.1	2950	2571	87.2	2796	2505	89.6	2689	2406	89.5
Health Board Total	4474	3696	82.6	4633	4022	86.8	4454	3974	89.2	4330	3864	89.2
Unknown	27	10	37.0	38	24	63.2	33	22	66.7	55	41	74.5
Wales Total	37202	25199	67.7	38110	28786	75.5	36558	30251	82.7	35792	29846	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 30/09/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		Teenage 3 in 1							Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(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	813	770	94.7	747	91.9	525	64.6	523	64.3	379	357	94.2	346	91.3	434	413	95.2	401	92.4
Caerphilly LA	2213	2136	96.5	2076	93.8	1291	58.3	1286	58.1	1076	1037	96.4	1005	93.4	1137	1099	96.7	1071	94.2
Monmouthshire LA	1118	995	89.0	966	86.4	717	64.1	713	63.8	548	489	89.2	475	86.7	570	506	88.8	491	86.1
Newport LA	2196	2000	91.1	1916	87.2	1248	56.8	1250	56.9	1023	926	90.5	890	87.0	1172	1074	91.6	1026	87.5
Torfaen LA	1180	1138	96.4	1096	92.9	740	62.7	731	61.9	549	532	96.9	507	92.3	630	606	96.2	589	93.5
Health Board Total	7520	7039	93.6	6801	90.4	4521	60.1	4503	59.9	3575	3341	93.5	3223	90.2	3943	3698	93.8	3578	90.7
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	823	793	96.4	777	94.4	494	60.0	465	56.5	390	379	97.2	374	95.9	433	414	95.6	403	93.1
Conwy LA	1242	1187	95.6	1164	93.7	747	60.1	757	61.0	617	591	95.8	578	93.7	625	596	95.4	586	93.8
Denbighshire LA	1180	1101	93.3	1084	91.9	649	55.0	647	54.8	581	540	92.9	534	91.9	599	561	93.7	550	91.8
Flintshire LA	1790	1696	94.7	1666	93.1	1198	66.9	1195	66.8	877	839	95.7	825	94.1	913	857	93.9	841	92.1
Gwynedd LA	1321	1259	95.3	1227	92.9	940	71.2	945	71.5	639	607	95.0	591	92.5	682	652	95.6	636	93.3
Wrexham LA	1633	1548	94.8	1521	93.1	1057	64.7	1061	65.0	767	725	94.5	713	93.0	866	823	95.0	808	93.3
Health Board Total	7989	7584	94.9	7439	93.1	5085	63.7	5070	63.5	3871	3681	95.1	3615	93.4	4118	3903	94.8	3824	92.9
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4537	4309	95.0	4129	91.0	2975	65.6	2971	65.5	2239	2144	95.8	2044	91.3	2298	2165	94.2	2085	90.7
Vale of Glamorgan LA	1679	1627	96.9	1570	93.5	1156	68.9	1155	68.8	811	786	96.9	756	93.2	868	841	96.9	814	93.8
Health Board Total	6216	5936	95.5	5699	91.7	4131	66.5	4126	66.4	3050	2930	96.1	2800	91.8	3166	3006	94.9	2899	91.6
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1695	1640	96.8	1590	93.8	1289	76.0	1285	75.8	775	752	97.0	723	93.3	920	888	96.5	867	94.2
Merthyr Tydfil LA	747	712	95.3	690	92.4	475	63.6	474	63.5	385	370	96.1	358	93.0	362	342	94.5	332	91.7
Rhondda Cynon Taf LA	3017	2924	96.9	2850	94.5	2123	70.4	2130	70.6	1474	1430	97.0	1397	94.8	1540	1494	97.0	1453	94.4
Health Board Total	5459	5276	96.6	5130	94.0	3887	71.2	3889	71.2	2634	2552	96.9	2478	94.1	2822	2724	96.5	2652	94.0
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2159	2034	94.2	1981	91.8	1522	70.5	1515	70.2	1076	1013	94.1	989	91.9	1083	1021	94.3	992	91.6
Ceredigion LA	605	580	95.9	559	92.4	502	83.0	501	82.8	302	290	96.0	278	92.1	303	290	95.7	281	92.7
Pembrokeshire LA	1383	1292	93.4	1234	89.2	929	67.2	921	66.6	698	659	94.4	630	90.3	685	633	92.4	604	88.2
Health Board Total	4147	3906	94.2	3774	91.0	2953	71.2	2937	70.8	2076	1962	94.5	1897	91.4	2071	1944	93.9	1877	90.6
<u>Powys Teaching HB</u>																			
Health Board Total	1370	1277	93.2	1214	88.6	1031	75.3	968	70.7	669	621	92.8	594	88.8	700	656	93.7	620	88.6
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1695	1646	97.1	1599	94.3	1362	80.4	1359	80.2	822	798	97.1	775	94.3	873	848	97.1	824	94.4
Swansea LA	2779	2617	94.2	2529	91.0	2328	83.8	2337	84.1	1342	1260	93.9	1220	90.9	1437	1357	94.4	1309	91.1
Health Board Total	4474	4263	95.3	4128	92.3	3690	82.5	3696	82.6	2164	2058	95.1	1995	92.2	2310	2205	95.5	2133	92.3
Unknown	27	18	66.7	18	66.7	11	40.7	10	37.0	13	10	76.9	10	76.9	14	8	57.1	8	57.1
Wales Total	37202	35299	94.9	34203	91.9	25309	68.0	25199	67.7	18052	17155	95.0	16612	92.0	19144	18144	94.8	17591	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 30/09/23, 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>																						
Blaenau Gwent LA	860	822	95.6	796	92.6	615	71.5	607	70.6	416	393	94.5	376	90.4	444	429	96.6	420	94.6			
Caerphilly LA	2282	2223	97.4	2172	95.2	1537	67.4	1539	67.4	1087	1062	97.7	1039	95.6	1195	1161	97.2	1133	94.8			
Monmouthshire LA	1123	1023	91.1	996	88.7	778	69.3	787	70.1	545	498	91.4	483	88.6	578	525	90.8	513	88.8			
Newport LA	2283	2107	92.3	2016	88.3	1379	60.4	1376	60.3	1102	1022	92.7	984	89.3	1180	1084	91.9	1032	87.5			
Torfaen LA	1160	1110	95.7	1080	93.1	750	64.7	786	67.8	554	537	96.9	522	94.2	606	573	94.6	558	92.1			
Health Board Total	7708	7285	94.5	7060	91.6	5059	65.6	5095	66.1	3704	3512	94.8	3404	91.9	4003	3772	94.2	3656	91.3			
<u>Betsi Cadwaladr University HB</u>																						
Anglesey LA	814	782	96.1	770	94.6	618	75.9	602	74.0	414	399	96.4	392	94.7	400	383	95.8	378	94.5			
Conwy LA	1269	1213	95.6	1190	93.8	949	74.8	953	75.1	631	604	95.7	594	94.1	637	609	95.6	596	93.6			
Denbighshire LA	1228	1141	92.9	1122	91.4	814	66.3	813	66.2	579	539	93.1	534	92.2	647	602	93.0	588	90.9			
Flintshire LA	1820	1697	93.2	1658	91.1	1391	76.4	1404	77.1	887	820	92.4	799	90.1	933	877	94.0	859	92.1			
Gwynedd LA	1328	1280	96.4	1240	93.4	1110	83.6	1104	83.1	645	622	96.4	598	92.7	683	658	96.3	642	94.0			
Wrexham LA	1665	1576	94.7	1552	93.2	1278	76.8	1287	77.3	808	774	95.8	767	94.9	856	801	93.6	784	91.6			
Health Board Total	8124	7689	94.6	7532	92.7	6160	75.8	6163	75.9	3964	3758	94.8	3684	92.9	4156	3930	94.6	3847	92.6			
<u>Cardiff and Vale University HB</u>																						
Cardiff LA	4545	4273	94.0	4063	89.4	3240	71.3	3251	71.5	2241	2120	94.6	2013	89.8	2304	2153	93.4	2050	89.0			
Vale of Glamorgan LA	1721	1663	96.6	1609	93.5	1343	78.0	1346	78.2	837	809	96.7	784	93.7	884	854	96.6	825	93.3			
Health Board Total	6266	5936	94.7	5672	90.5	4583	73.1	4597	73.4	3078	2929	95.2	2797	90.9	3188	3007	94.3	2875	90.2			
<u>Cwm Taf Morgannwg University HB</u>																						
Bridgend LA	1714	1664	97.1	1609	93.9	1446	84.4	1445	84.3	828	806	97.3	786	94.9	886	858	96.8	823	92.9			
Merthyr Tydfil LA	779	749	96.1	728	93.5	592	76.0	589	75.6	380	365	96.1	351	92.4	399	384	96.2	377	94.5			
Rhondda Cynon Taf LA	2966	2871	96.8	2805	94.6	2367	79.8	2367	79.8	1460	1414	96.8	1382	94.7	1503	1454	96.7	1422	94.6			
Health Board Total	5459	5284	96.8	5142	94.2	4405	80.7	4401	80.6	2668	2585	96.9	2519	94.4	2788	2696	96.7	2622	94.0			
<u>Hywel Dda University HB</u>																						
Carmarthenshire LA	2328	2193	94.2	2121	91.1	1835	78.8	1830	78.6	1152	1085	94.2	1050	91.1	1176	1108	94.2	1071	91.1			
Ceredigion LA	650	615	94.6	591	90.9	560	86.2	560	86.2	316	300	94.9	287	90.8	334	315	94.3	304	91.0			
Pembrokeshire LA	1383	1282	92.7	1214	87.8	899	65.0	891	64.4	688	646	93.9	624	90.7	695	636	91.5	590	84.9			
Health Board Total	4361	4090	93.8	3926	90.0	3294	75.5	3281	75.2	2156	2031	94.2	1961	91.0	2205	2059	93.4	1965	89.1			
<u>Powys Teaching HB</u>																						
Health Board Total	1521	1424	93.6	1371	90.1	1197	78.7	1203	79.1	704	661	93.9	642	91.2	817	763	93.4	729	89.2			
<u>Swansea Bay University HB</u>																						
Neath Port Talbot LA	1683	1636	97.2	1586	94.2	1450	86.2	1451	86.2	792	767	96.8	747	94.3	891	869	97.5	839	94.2			
Swansea LA	2950	2770	93.9	2694	91.3	2555	86.6	2571	87.2	1468	1380	94.0	1351	92.0	1482	1390	93.8	1343	90.6			
Health Board Total	4633	4406	95.1	4280	92.4	4005	86.4	4022	86.8	2260	2147	95.0	2098	92.8	2373	2259	95.2	2182	92.0			
Unknown	38	34	89.5	34	89.5	23	60.5	24	63.2	19	17	89.5	17	89.5	19	17	89.5	17	89.5			
Wales Total	38110	36148	94.9	35017	91.9	28726	75.4	28786	75.5	18553	17640	95.1	17122	92.3	19549	18503	94.6	17893	91.5			

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 30/09/23, 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)	(%)	(n)	(%)	
<u>Aneurin Bevan University HB</u>																							
Blaenau Gwent LA	730	700	95.9	680	93.2	568	77.8	568	77.8	389	370	95.1	358	92.0	341	330	96.8	322	94.4				
Caerphilly LA	2109	2045	97.0	1990	94.4	1718	81.5	1725	81.8	1063	1038	97.6	1012	95.2	1046	1007	96.3	978	93.5				
Monmouthshire LA	1121	1023	91.3	989	88.2	857	76.4	861	76.8	553	503	91.0	489	88.4	568	520	91.5	500	88.0				
Newport LA	2078	1935	93.1	1853	89.2	1545	74.4	1531	73.7	1000	936	93.6	899	89.9	1077	999	92.8	954	88.6				
Torfaen LA	1150	1126	97.9	1090	94.8	914	79.5	921	80.1	553	543	98.2	527	95.3	597	583	97.7	563	94.3				
Health Board Total	7188	6829	95.0	6602	91.8	5602	77.9	5606	78.0	3558	3390	95.3	3285	92.3	3629	3439	94.8	3317	91.4				
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	788	759	96.3	740	93.9	649	82.4	645	81.9	371	359	96.8	350	94.3	417	400	95.9	390	93.5				
Conwy LA	1241	1172	94.4	1144	92.2	1000	80.6	1008	81.2	613	581	94.8	576	94.0	628	591	94.1	568	90.4				
Denbighshire LA	1159	1066	92.0	1044	90.1	898	77.5	907	78.3	549	506	92.2	492	89.6	609	560	92.0	552	90.6				
Flintshire LA	1823	1729	94.8	1684	92.4	1568	86.0	1570	86.1	902	845	93.7	828	91.8	921	884	96.0	856	92.9				
Gwynedd LA	1302	1256	96.5	1228	94.3	1150	88.3	1144	87.9	636	615	96.7	604	95.0	664	641	96.5	624	94.0				
Wrexham LA	1562	1509	96.6	1474	94.4	1306	83.6	1305	83.5	736	716	97.3	697	94.7	826	793	96.0	777	94.1				
Health Board Total	7875	7491	95.1	7314	92.9	6571	83.4	6579	83.5	3807	3622	95.1	3547	93.2	4065	3869	95.2	3767	92.7				
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	4374	4071	93.1	3867	88.4	3233	73.9	3235	74.0	2148	2010	93.6	1906	88.7	2225	2060	92.6	1960	88.1				
Vale of Glamorgan LA	1649	1575	95.5	1506	91.3	1310	79.4	1312	79.6	784	752	95.9	722	92.1	865	823	95.1	784	90.6				
Health Board Total	6023	5646	93.7	5373	89.2	4543	75.4	4547	75.5	2932	2762	94.2	2628	89.6	3090	2883	93.3	2744	88.8				
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	1753	1687	96.2	1613	92.0	1551	88.5	1560	89.0	847	817	96.5	786	92.8	906	870	96.0	827	91.3				
Merthyr Tydfil LA	733	699	95.4	674	92.0	612	83.5	609	83.1	336	321	95.5	305	90.8	397	378	95.2	369	92.9				
Rhondda Cynon Taf LA	2868	2786	97.1	2720	94.8	2512	87.6	2512	87.6	1355	1318	97.3	1290	95.2	1513	1468	97.0	1430	94.5				
Health Board Total	5354	5172	96.6	5007	93.5	4675	87.3	4681	87.4	2538	2456	96.8	2381	93.8	2816	2716	96.4	2626	93.3				
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	2189	2049	93.6	1967	89.9	1901	86.8	1900	86.8	1081	1013	93.7	975	90.2	1108	1036	93.5	992	89.5				
Ceredigion LA	681	645	94.7	624	91.6	604	88.7	604	88.7	337	320	95.0	307	91.1	344	325	94.5	317	92.2				
Pembrokeshire LA	1370	1266	92.4	1186	86.6	1127	82.3	1123	82.0	683	641	93.9	604	88.4	687	625	91.0	582	84.7				
Health Board Total	4240	3960	93.4	3777	89.1	3632	85.7	3627	85.5	2101	1974	94.0	1886	89.8	2139	1986	92.8	1891	88.4				
<u>Powys Teaching HB</u>																							
Health Board Total	1391	1300	93.5	1249	89.8	1199	86.2	1215	87.3	673	630	93.6	607	90.2	718	670	93.3	642	89.4				
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	1658	1604	96.7	1546	93.2	1464	88.3	1469	88.6	821	798	97.2	772	94.0	837	806	96.3	774	92.5				
Swansea LA	2796	2622	93.8	2526	90.3	2499	89.4	2505	89.6	1364	1286	94.3	1236	90.6	1432	1336	93.3	1290	90.1				
Health Board Total	4454	4226	94.9	4072	91.4	3963	89.0	3974	89.2	2185	2084	95.4	2008	91.9	2269	2142	94.4	2064	91.0				
Unknown	33	30	90.9	29	87.9	22	66.7	22	66.7	15	14	93.3	13	86.7	18	16	88.9	16	88.9				
Wales Total	36558	34654	94.8	33423	91.4	30207	82.6	30251	82.7	17809	16932	95.1	16355	91.8	18744	17721	94.5	17067	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 01/07/23 and 30/09/23 and resident on 30/09/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		Teenage 3 in 1 booster ¹							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)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)			
<u>Aneurin Bevan University HB</u>	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n)	(n) (%)	(n) (%)	(n) (%)	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)			
Blaenau Gwent LA	219	211 96.3	206 94.1	172 78.5	170 77.6	112	108 96.4	103 92.0	107	103 96.3	103 96.3	107	103 96.3	103 96.3	103 96.3	103 96.3	103 96.3	103 96.3			
Caerphilly LA	573	552 96.3	538 93.9	450 78.5	454 79.2	273	262 96.0	256 93.8	300	290 96.7	282 94.0	300	290 96.7	282 94.0	282 94.0	282 94.0	282 94.0	282 94.0			
Monmouthshire LA	288	255 88.5	250 86.8	205 71.2	209 72.6	145	128 88.3	124 85.5	143	127 88.8	126 88.1	143	127 88.8	126 88.1	126 88.1	126 88.1	126 88.1	126 88.1			
Newport LA	554	513 92.6	489 88.3	388 70.0	382 69.0	245	225 91.8	216 88.2	309	288 93.2	273 88.3	309	288 93.2	273 88.3	273 88.3	273 88.3	273 88.3	273 88.3			
Torfaen LA	293	288 98.3	276 94.2	214 73.0	214 73.0	146	146 100.0	141 96.6	147	142 96.6	135 91.8	147	142 96.6	135 91.8	135 91.8	135 91.8	135 91.8	135 91.8			
Health Board Total	1927	1819 94.4	1759 91.3	1429 74.2	1429 74.2	921	869 94.4	840 91.2	1006	950 94.4	919 91.4	1006	950 94.4	919 91.4	919 91.4	919 91.4	919 91.4	919 91.4			
<u>Betsi Cadwaladr University HB</u>																					
Anglesey LA	225	214 95.1	210 93.3	181 80.4	181 80.4	115	114 99.1	112 97.4	110	100 90.9	98 89.1	110	100 90.9	98 89.1	98 89.1	98 89.1	98 89.1	98 89.1			
Conwy LA	328	307 93.6	301 91.8	255 77.7	257 78.4	163	153 93.9	152 93.3	165	154 93.3	149 90.3	165	154 93.3	149 90.3	149 90.3	149 90.3	149 90.3	149 90.3			
Denbighshire LA	296	279 94.3	276 93.2	227 76.7	228 77.0	140	132 94.3	130 92.9	156	147 94.2	146 93.6	156	147 94.2	146 93.6	146 93.6	146 93.6	146 93.6	146 93.6			
Flintshire LA	500	475 95.0	464 92.8	413 82.6	417 83.4	235	219 93.2	212 90.2	265	256 96.6	252 95.1	265	256 96.6	252 95.1	252 95.1	252 95.1	252 95.1	252 95.1			
Gwynedd LA	344	331 96.2	324 94.2	292 84.9	288 83.7	180	174 96.7	171 95.0	164	157 95.7	153 93.3	164	157 95.7	153 93.3	153 93.3	153 93.3	153 93.3	153 93.3			
Wrexham LA	382	374 97.9	368 96.3	313 81.9	313 81.9	187	183 97.9	180 96.3	195	191 97.9	188 96.4	195	191 97.9	188 96.4	188 96.4	188 96.4	188 96.4	188 96.4			
Health Board Total	2075	1980 95.4	1943 93.6	1681 81.0	1684 81.2	1020	975 95.6	957 93.8	1055	1005 95.3	986 93.5	1055	1005 95.3	986 93.5	986 93.5	986 93.5	986 93.5	986 93.5			
<u>Cardiff and Vale University HB</u>																					
Cardiff LA	1159	1080 93.2	1028 88.7	851 73.4	857 73.9	582	544 93.5	520 89.3	577	536 92.9	508 88.0	577	536 92.9	508 88.0	508 88.0	508 88.0	508 88.0	508 88.0			
Vale of Glamorgan LA	447	438 98.0	421 94.2	372 83.2	372 83.2	202	200 99.0	194 96.0	245	238 97.1	227 92.7	245	238 97.1	227 92.7	227 92.7	227 92.7	227 92.7	227 92.7			
Health Board Total	1606	1518 94.5	1449 90.2	1223 76.2	1229 76.5	784	744 94.9	714 91.1	822	774 94.2	735 89.4	822	774 94.2	735 89.4	735 89.4	735 89.4	735 89.4	735 89.4			
<u>Cwm Taf Morgannwg University HB</u>																					
Bridgend LA	485	472 97.3	452 93.2	426 87.8	429 88.5	236	227 96.2	219 92.8	249	245 98.4	233 93.6	249	245 98.4	233 93.6	233 93.6	233 93.6	233 93.6	233 93.6			
Merthyr Tydfil LA	185	175 94.6	172 93.0	156 84.3	155 83.8	91	85 93.4	82 90.1	94	90 95.7	90 95.7	94	90 95.7	90 95.7	90 95.7	90 95.7	90 95.7	90 95.7			
Rhondda Cynon Taf LA	810	782 96.5	767 94.7	693 85.6	692 85.4	405	395 97.5	386 95.3	405	387 95.6	381 94.1	405	387 95.6	381 94.1	381 94.1	381 94.1	381 94.1	381 94.1			
Health Board Total	1480	1429 96.6	1391 94.0	1275 86.1	1276 86.2	732	707 96.6	687 93.9	748	722 96.5	704 94.1	748	722 96.5	704 94.1	704 94.1	704 94.1	704 94.1	704 94.1			
<u>Hywel Dda University HB</u>																					
Carmarthenshire LA	571	536 93.9	516 90.4	483 84.6	482 84.4	294	275 93.5	266 90.5	277	261 94.2	250 90.3	277	261 94.2	250 90.3	250 90.3	250 90.3	250 90.3	250 90.3			
Ceredigion LA	166	155 93.4	151 91.0	143 86.1	143 86.1	86	83 96.5	82 95.3	80	72 90.0	69 86.3	80	72 90.0	69 86.3	69 86.3	69 86.3	69 86.3	69 86.3			
Pembrokeshire LA	371	342 92.2	321 86.5	293 79.0	290 78.2	177	165 93.2	154 87.0	194	177 91.2	167 86.1	194	177 91.2	167 86.1	167 86.1	167 86.1	167 86.1	167 86.1			
Health Board Total	1108	1033 93.2	988 89.2	919 82.9	915 82.6	557	523 93.9	502 90.1	551	510 92.6	486 88.2	551	510 92.6	486 88.2	486 88.2	486 88.2	486 88.2	486 88.2			
<u>Powys Teaching HB</u>																					
Health Board Total	385	356 92.5	342 88.8	311 80.8	312 81.0	188	173 92.0	167 88.8	197	183 92.9	175 88.8	197	183 92.9	175 88.8	175 88.8	175 88.8	175 88.8	175 88.8			
<u>Swansea Bay University HB</u>																					
Neath Port Talbot LA	462	451 97.6	433 93.7	412 89.2	412 89.2	232	227 97.8	219 94.4	230	224 97.4	214 93.0	230	224 97.4	214 93.0	214 93.0	214 93.0	214 93.0	214 93.0			
Swansea LA	771	707 91.7	681 88.3	674 87.4	678 87.9	351	324 92.3	311 88.6	420	383 91.2	370 88.1	420	383 91.2	370 88.1	370 88.1	370 88.1	370 88.1	370 88.1			
Health Board Total	1233	1158 93.9	1114 90.3	1086 88.1	1090 88.4	583	551 94.5	530 90.9	650	607 93.4	584 89.8	650	607 93.4	584 89.8	584 89.8	584 89.8	584 89.8	584 89.8			
Unknown	8	8 100.0	8 100.0	8 100.0	8 100.0	3	3 100.0	3 100.0	5	5 100.0	5 100.0	5	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0			
Wales Total	9822	9301 94.7	8994 91.6	7932 80.8	7943 80.9	4788	4545 94.9	4400 91.9	5034	4756 94.5	4594 91.3	5034	4756 94.5	4594 91.3	4594 91.3	4594 91.3	4594 91.3	4594 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 01/07/23 and 30/09/23 and resident on 30/09/23.¹

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	173	2	1.2	184	4	2.2	186	3	1.6	219	8	3.7
Caerphilly LA	429	9	2.1	440	17	3.9	490	12	2.4	573	10	1.7
Monmouthshire LA	216	7	3.2	190	4	2.1	244	12	4.9	288	12	4.2
Newport LA	486	78	16.0	487	83	17.0	531	77	14.5	554	82	14.8
Torfaen LA	247	7	2.8	244	13	5.3	282	7	2.5	293	11	3.8
Health Board Total	1551	103	6.6	1545	121	7.8	1733	111	6.4	1927	123	6.4
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	155	4	2.6	160	2	1.3	157	0	0.0	225	5	2.2
Conwy LA	259	10	3.9	267	11	4.1	249	8	3.2	328	14	4.3
Denbighshire LA	231	12	5.2	251	12	4.8	228	13	5.7	296	14	4.7
Flintshire LA	372	21	5.6	368	21	5.7	415	16	3.9	500	22	4.4
Gwynedd LA	245	5	2.0	282	11	3.9	306	20	6.5	344	15	4.4
Wrexham LA	305	16	5.2	336	18	5.4	373	27	7.2	382	32	8.4
Health Board Total	1567	68	4.3	1664	75	4.5	1728	84	4.9	2075	102	4.9
<u>Cardiff and Vale University HB</u>												
Cardiff LA	926	232	25.1	989	233	23.6	1110	105	9.5	1159	260	22.4
Vale of Glamorgan LA	296	29	9.8	333	21	6.3	385	9	2.3	447	28	6.3
Health Board Total	1222	261	21.4	1322	254	19.2	1495	114	7.6	1606	288	17.9
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	341	16	4.7	351	10	2.8	408	16	3.9	485	14	2.9
Merthyr Tydfil LA	155	5	3.2	145	9	6.2	199	10	5.0	185	5	2.7
Rhondda Cynon Taf LA	600	10	1.7	612	23	3.8	699	27	3.9	810	27	3.3
Health Board Total	1096	31	2.8	1108	42	3.8	1306	53	4.1	1480	46	3.1
<u>Hywel Dda University HB</u>												
Cardiff LA	409	12	2.9	421	14	3.3	500	19	3.8	571	21	3.7
Ceredigion LA	121	2	1.7	165	6	3.6	150	8	5.3	166	7	4.2
Pembrokeshire LA	238	7	2.9	306	8	2.6	294	8	2.7	371	13	3.5
Health Board Total	768	21	2.7	892	28	3.1	944	35	3.7	1108	41	3.7
<u>Powys Teaching Health Board</u>												
Health Board Total	251	4	1.6	279	2	0.7	342	12	3.5	385	7	1.8
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	334	12	3.6	312	11	3.5	375	19	5.1	462	9	1.9
Swansea LA	519	78	15.0	565	71	12.6	676	94	13.9	771	63	8.2
Health Board Total	853	90	10.6	877	82	9.4	1051	113	10.8	1233	72	5.8
Unknown	0	0	0.0	4	0	0.0	2	0	0.0	8	1	12.5
Wales Total	7310	579	7.9	7691	604	7.9	8601	522	6.1	9822	680	6.9

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 01/07/23 and 30/09/23 and resident on 30/09/23, 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	1551	0	-	-	-	1545	2	100.0	100.0	100.0	100.0	1733	2	100.0	100.0	100.0	100.0
Betsi Cadwaladr UHB	1567	1	100.0	100.0	100.0	1664	1	100.0	100.0	100.0	100.0	1728	1	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1222	2	100.0	-	-	1322	0	-	-	-	-	1495	6	100.0	100.0	100.0	83.3
Cwm Taf Morgannwg UHB	1096	0	-	-	-	1108	0	-	-	-	-	1306	0	-	-	-	-
Hywel Dda UHB	768	0	-	-	-	892	0	-	-	-	-	944	0	-	-	-	-
Powys Teaching HB	251	0	-	-	-	279	0	-	-	-	-	342	0	-	-	-	-
Swansea Bay UHB	853	2	100.0	100.0	100.0	877	3	100.0	100.0	100.0	100.0	1051	1	100.0	100.0	100.0	100.0
Unknown	2	0	-	-	-	4	0	-	-	-	-	2	0	-	-	-	-
Wales Total	7310	5	100.0	60.0	60.0	7691	6	100.0	100.0	100.0	100.0	8601	10	100.0	100.0	100.0	90.0

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.