

Vaccine Uptake in Children in Wales

October to December 2022

COVER 145: Wales February 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 96.1%. Uptake of two doses of Rotavirus vaccine was 91.9%.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 92.3% this quarter. One HB and six LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 93.0% this quarter. One HB and six 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 84.7% this quarter and was 88.8% in five year olds.
- School based vaccination sessions for teenagers have recently started for the 2022-23 academic year. Delivery of the first dose of Human Papillomavirus Vaccine (HPV) to 2022-23 school year 8 children (12-13 year olds) and the second dose in the 2022-23 school year 9 children (13-14 year olds) is currently underway and will increase over the next three quarters as vaccination sessions take place.
- Coverage of the first dose of HPV vaccine in 2022-23 school year 9 (13-14 year olds) is currently 67.9%. Coverage of the second dose of HPV vaccine in 2022-23 school year 10 (14-15 year olds) is currently 69.3%.
- Uptake of routine MenACWY vaccine in the 2022-23 school year 9 cohort is currently 8.6%. Coverage of the MenACWY vaccine in the 2022-23 school year 10 cohort is 72.5%.
- Uptake of the Td/IPV teenage booster in the 2022-23 school year 9 cohort was 8.7%. Coverage of the Td/IPV teenage booster in the 2022-23 school year 10 is 72.4%.
- Coverage of one dose of MMR vaccine in the 2022-23 school year 10 (age 14-15 years) was 95.0%, coverage of two doses was 92.1%.
- Coverage of one dose of MMR vaccine in the 2022-23 school year 11 (age 15-16 years) was 95.0%, coverage of two doses is 91.7%.

Background

These results are for children living in Wales in December 2022 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/10/2022 to 31/12/2022. 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 94.6% this quarter, compared to 94.7% last quarter. Uptake ranged by HB from 93.3% (Cardiff and Vale) to 97.1% (Cwm Taf Morgannwg) and by LA from 91.8% (Torfaen) to 98.4% (Bridgend). Three of the seven HBs and twelve 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 96.1% this quarter, compared to 96.3% last quarter. This is the eighth quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 94.1% (Torfaen) to 98.7% (Merthyr Tydfil). All 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 94.3% this quarter. Uptake in HBs ranged from 92.7% (Cardiff and Vale) to 97.0% (Cwm Taf Morgannwg) and ranged by LA from 92.1% (Cardiff and Newport) to 98.4% (Bridgend) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 91.9% this quarter, compared to 91.8% last quarter. Uptake in HBs ranged from 89.5% (Cardiff and Vale) to 95.7% (Cwm Taf Morgannwg) and ranged by LA from 87.7% (Denbighshire) to 98.7% (Merthyr Tydfil) (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 93.0% this quarter. Uptake ranged by HB from 90.5% (Cardiff and Vale) to 96.1% (Cwm Taf Morgannwg) and by LA area from 88.6% (Conwy) to 97.0% (Rhondda Cynon Taf). 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 decreased again this quarter to 92.3% compared to 92.5% last quarter. Uptake ranged by HB from 88.2% (Cardiff and Vale) to 95.8% (Cwm Taf Morgannwg) and by LA from 87.6% (Cardiff) to 96.8% (Rhondda Cynon Taf). 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 92.7%. Uptake ranged by HB from 89.2% (Cardiff and Vale) to 96.4% (Cwm Taf Morgannwg) and ranged by LA from 88.6% (Conwy) to 97.4% (Rhondda Cynon Taf). One HB and five 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 decreased slightly to 92.6% this quarter compared to 92.7% last quarter. Uptake ranged by HB from 89.4% (Cardiff and Vale) to 96.0% (Cwm Taf Morgannwg) and ranged by LA from 88.1% (Conwy) to 97.0% (Rhondda Cynon Taf). One HB and five 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 86.0%
 - The Hib/MenC booster was 94.7%
 - Two doses of MMR was 85.6%

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 84.7%. This ranged by HB from 81.8% (Cardiff and Vale and Swansea Bay) to 90.7% (Powys) and by LA from 79.3% (Newport) to 91.2% (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 88.8%, compared to 88.9% last quarter. This ranged by HB from 85.8% (Powys) to 91.2% (Betsi Cadwaladr) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 95.2%. Coverage of two doses of MMR was 90.2%. Coverage of two doses of MMR ranged by HB from 87.7% (Powys) to 92.3% (Betsi Cadwaladr) and by LA from 86.1% (Ceredigion) to 94.8% (Caerphilly) (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 increased slightly to 90.7% this quarter compared to 90.5% last quarter, ranging by HB from 88.7% (Powys) to 92.8% (Betsi Cadwaladr) and by LA from 86.8% (Ceredigion) to 95.7% (Gwynedd). Two of the 22 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 0.1%. This is the fourth school cohort to include boys eligible for the HPV vaccine (Table 8a) [2]. Vaccination sessions for the 2022-23 school year have recently started and timings of school vaccination sessions vary throughout the year.
14. Coverage of the first dose of HPV vaccine in the 2022-23 school year 9 cohort is currently 67.9% (71.5% in girls and 64.5% in boys) and uptake of the second dose in this age group is currently 0.6% (0.6% in girls and 0.6% 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 69.3% (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 and catch up activities are ongoing.
16. Uptake of the MenACWY vaccine in the 2022-23 routine school year 9 cohort is currently 8.6% (Table 10 and 11). Coverage in the 2022-23 school years 10, 11 and 12, is currently 72.5%, 82.1% and 83.3% 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 8.7%. Coverage of two doses of MMR in this year group is currently 92.1% and coverage of one dose is 95.0%. Coverage of two doses of MMR vaccine ranged by HB from 87.5% (Powys) to 94.2% (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 92.1% (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 72.4%. Coverage ranged by HB from 63.1% (Aneurin Bevan) to 84.9% (Swansea Bay). Coverage of two doses of MMR in this year group was 92.1% and coverage of one dose was 95.0%. Coverage of two doses of MMR vaccine ranged by HB from 89.4% (Powys) 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 92.5% (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 82.1%. Coverage ranged by HB from 75.4% (Cardiff and Vale) to 89.7% (Swansea Bay). Coverage of two doses of MMR in this year group was 91.7% and coverage of one dose was 95.0%. Coverage of two doses of MMR vaccine ranged by HB from 89.1% (Hywel Dda) to 93.6% (Cwm Taf Morgannwg). Coverage of a full course of

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.

immunisation against rubella (two doses of MMR) in 16 year old girls in this school year group was 92.0% (Table 13).

- 20.** Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st October 2022 and 31st December 2022) was 91.7%, whilst coverage of one dose of MMR was 95.3%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls was 92.0%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 82.3% (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 7.6%, 7.4%, 7.3% and 6.2% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter four of 2022. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (21.6%), two years of age (19.7%), five years of age (15.9%) and sixteen years of age (15.2%).
- 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 40.0% and uptake of four doses at their fifth birthday was 87.5%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

Comment

For the October to December 2022 quarter, uptake of immunisations in infants remained broadly stable. Uptake of the complete three-dose course of “6 in 1” and two doses of MenB vaccine by the first birthday remain slightly below 95%. Uptake of PCV in infants remained above 95%.

Uptake of vaccinations reported on at two years also remained stable. At 93.0%, coverage of one dose of MMR at two years is the lowest since 2011. However, there is wide variation between health board areas.

The proportion of children who were up to date with their routine immunisations by four years increased slightly this quarter. 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 remained stable, although there was a 0.9 percentage point increase compared to when these children were reported on at four years of age.

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. Catch-up should continue to be encouraged throughout the 2022-23 school year. 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 69.3%. 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].

On World Polio Day, 24th October 2022, Welsh Government released a Welsh Health Circular (WHC) outlining the need for an urgent polio catch-up programme for children under 5 years old [4]. This is in response to an incident in North London where type 2 vaccine-derived Polio virus has been found in sewage samples [5]. Coverage of three doses of polio containing vaccine at one year of age was over the WHO target of 95% from 2007 to 2021, but has decreased in recent quarters. This urgent catch-up programme has been extended until the end of March 2023 [6].

There remains the potential for resurgent infections following relaxation of restriction on movement. **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

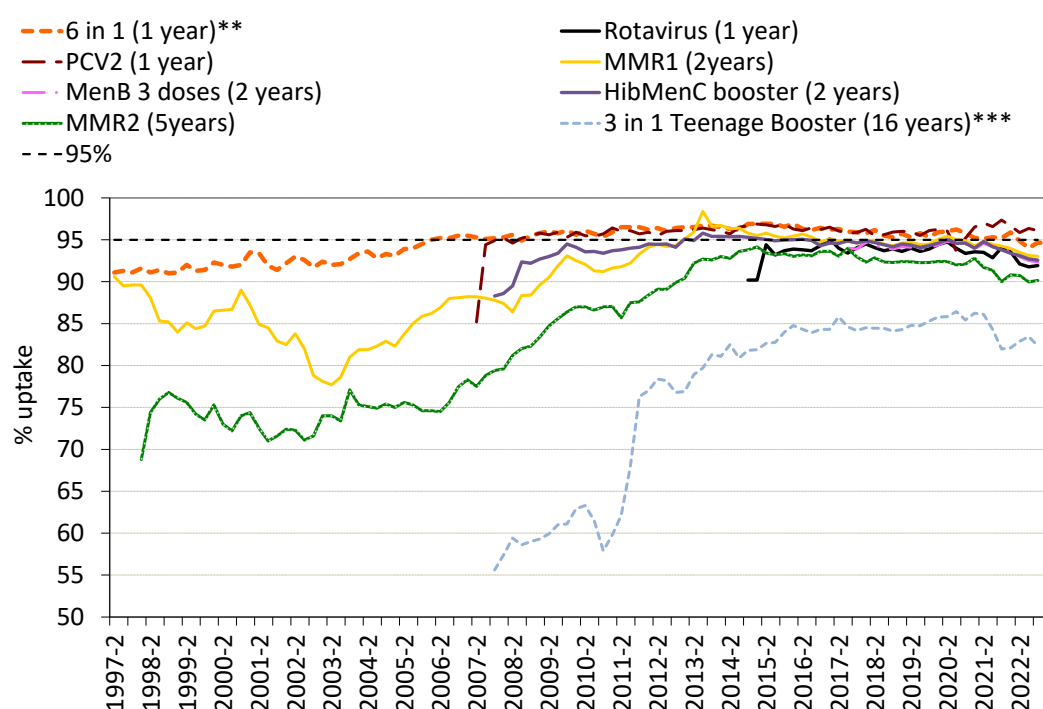
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
2. Welsh Health Circular- Changes to 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)
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5. Joint Committee on Vaccination and Immunisation (JCVI). Statement on vaccination strategy for the ongoing polio incident, July 2022. <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. Welsh Health Circular- Urgent polio catch-up programme for children under 5 years old. November 2022. Available from: [urgent-polio-catch-up-programme-for-children-under-5-years-old-whc-2022-029_0.pdf](#)

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 2 1997 to quarter 4 2022*.

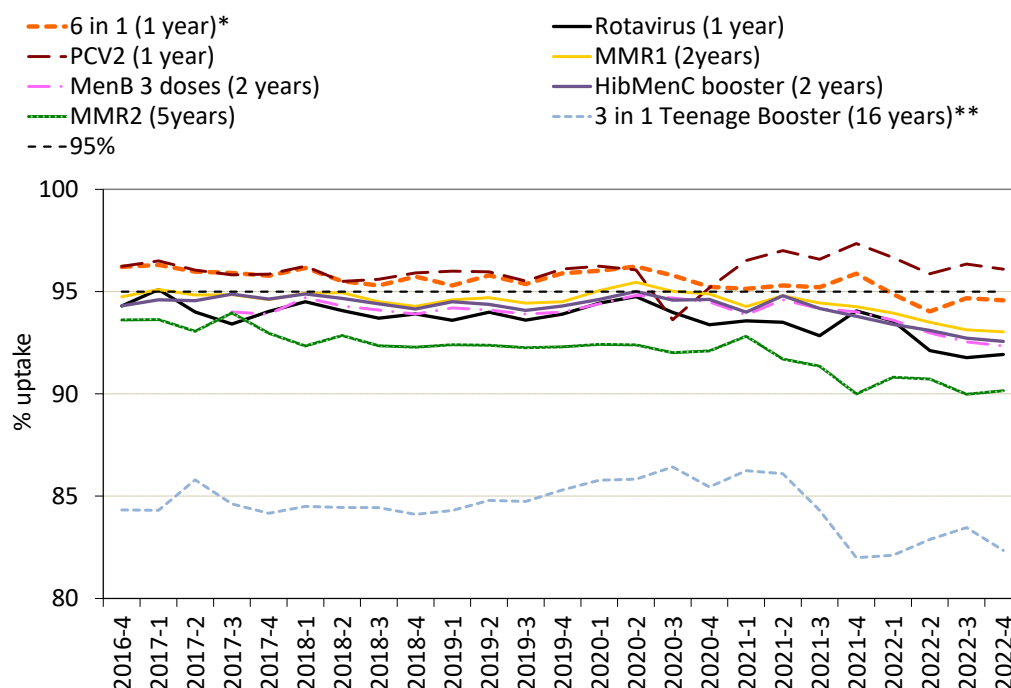


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**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 1 2017 to quarter 4 2022***



* 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 01/10/22 and 31/12/22 and resident on 31/12/22.

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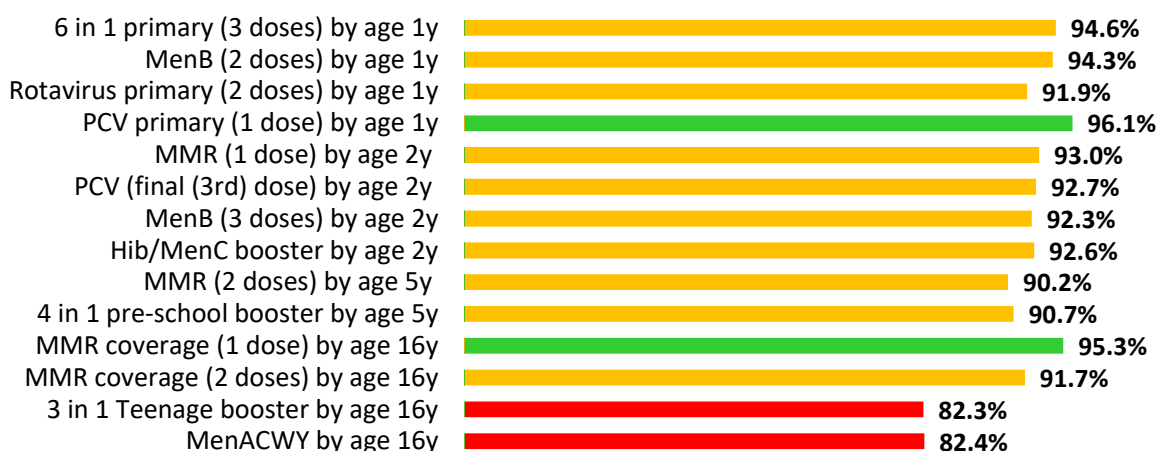


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/10/22 and 31/12/22 and are up to date with all scheduled vaccines⁷ by health board.

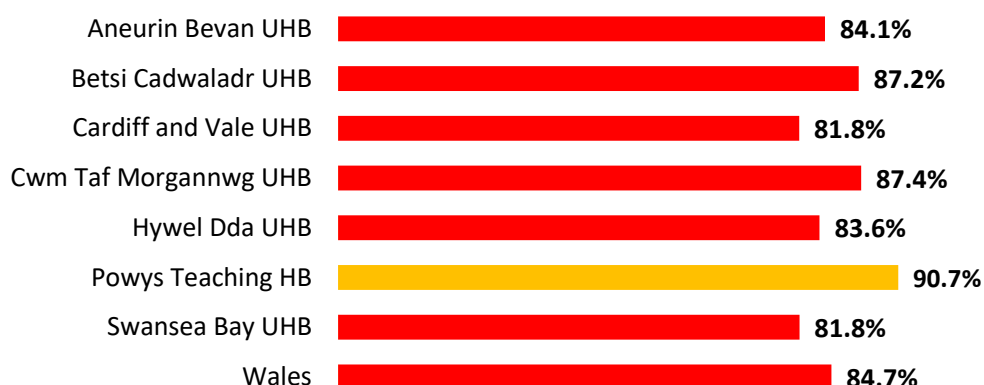


Table 1. Percentages of resident children reaching their 4th birthday during quarter 3 2021 to quarter 4 2022 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2021-3	2021-4	2022-1	2022-2	2022-3	2022-4
Aneurin Bevan UHB	87.2	86.8	86.4	85.5	84.0	84.1
Betsi Cadwaladr UHB	88.0	90.1	87.8	86.9	86.6	87.2
Cardiff and Vale UHB	84.9	85.3	83.5	82.4	80.2	81.8
Cwm Taf Morgannwg UHB	90.3	90.0	87.1	86.6	86.4	87.4
Hywel Dda UHB	86.7	88.3	85.2	84.7	83.1	83.6
Powys Teaching HB	89.7	87.4	90.9	89.1	89.3	90.7
Swansea Bay UHB	87.6	86.6	86.2	86.4	85.0	81.8
Wales	87.5	87.9	86.2	85.6	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 1 2015 to quarter 4 2022, who are up to date with all scheduled vaccines⁷, by health board.

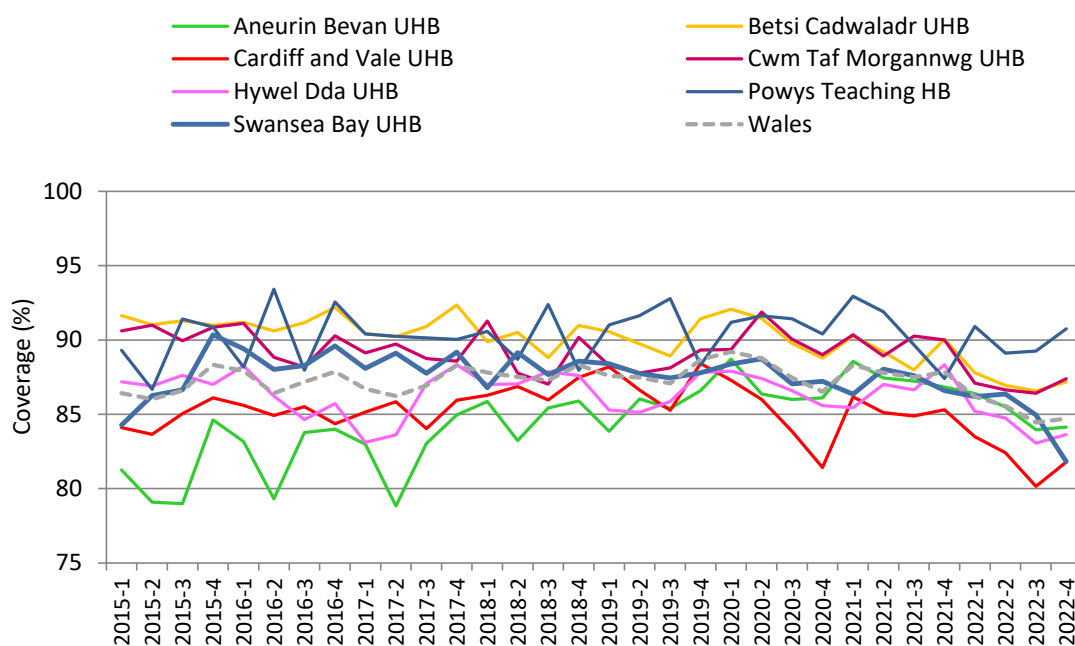


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/10/22 and 31/12/22.

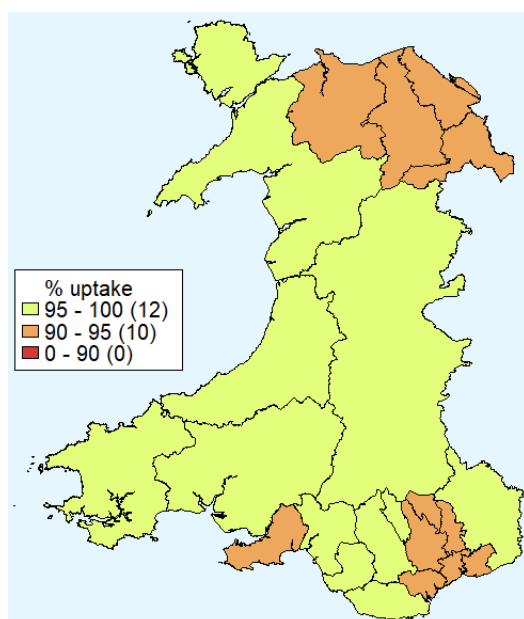


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/10/22 and 31/12/22.

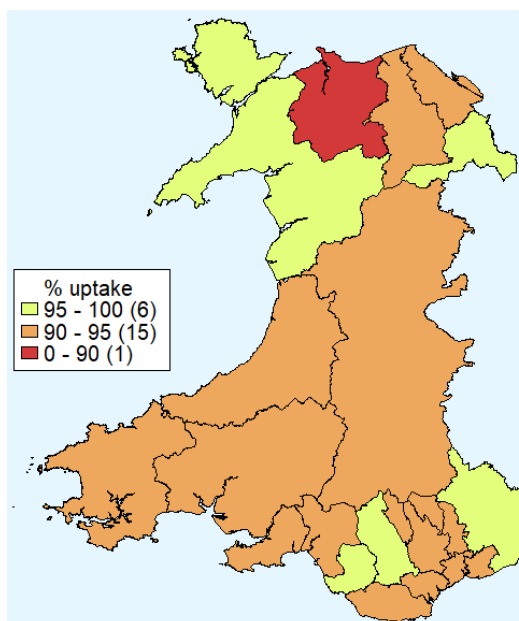


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/10/22 and 31/12/22.

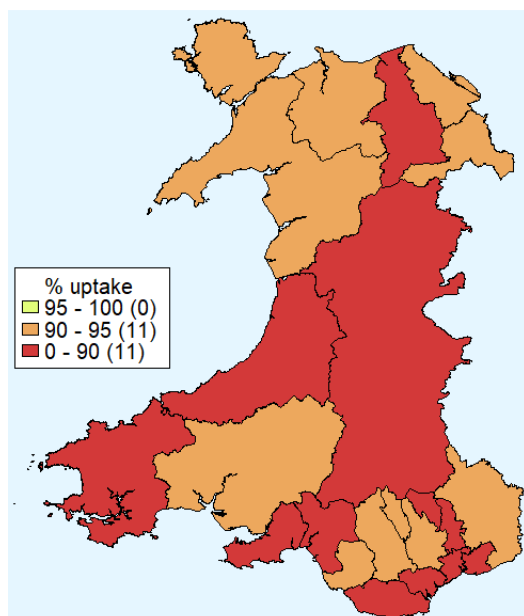


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/10/22 and 31/12/22.

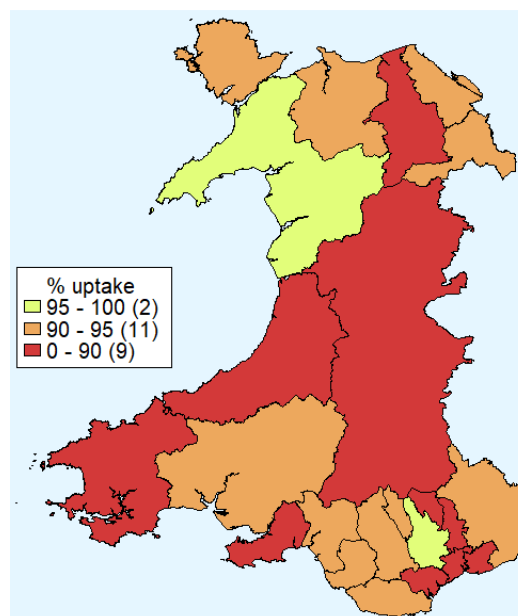


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/10/22 and 31/12/22 and resident on 31/12/22.

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	198	94.4	94.4	95.5	90.9	151	94.0	94.0	94.0	94.0	184	84.8	192	88.5	89.1	175	97.1	92.6	73.1	72.0
Caerphilly LA	437	94.3	94.5	96.1	90.8	408	93.9	94.1	93.9	94.1	471	87.5	519	94.8	95.2	545	97.8	95.8	83.7	83.5
Monmouthshire LA	203	95.6	95.6	97.0	93.1	189	95.8	94.7	95.8	94.7	207	89.9	198	92.9	94.4	300	93.3	89.3	78.7	77.3
Newport LA	505	92.7	92.1	95.4	89.1	432	91.0	90.3	89.6	89.4	541	79.3	527	86.9	87.1	492	93.3	90.0	73.4	73.6
Torfaen LA	255	91.8	92.2	94.1	87.8	219	90.9	90.9	90.0	90.9	242	83.1	288	87.2	87.8	290	98.3	95.9	82.1	81.7
Health Board Total	1598	93.6	93.5	95.6	90.1	1399	92.8	92.5	92.2	92.2	1645	84.1	1724	90.2	90.7	1802	95.8	92.8	78.7	78.4
Betsi Cadwaladr UHB																				
Anglesey LA	147	95.9	96.6	96.6	94.6	127	95.3	96.1	95.3	95.3	148	91.2	156	93.6	93.6	190	96.3	91.6	79.5	78.9
Conwy LA	256	92.2	92.2	94.9	90.6	236	88.6	88.6	88.6	88.1	236	84.7	285	90.5	91.2	310	96.5	93.2	81.0	81.0
Denbighshire LA	219	94.1	92.7	95.4	87.7	230	94.3	93.9	93.5	94.3	252	87.7	234	89.7	89.3	278	90.6	89.2	76.3	74.8
Flintshire LA	370	93.2	93.0	94.9	91.1	339	94.4	94.4	94.4	94.7	396	85.9	445	93.3	93.7	473	94.7	90.7	86.0	86.3
Gwynedd LA	268	96.6	95.5	97.0	92.5	238	95.4	95.0	95.0	95.0	280	87.9	255	93.3	95.7	321	98.1	96.9	90.3	91.9
Wrexham LA	335	94.3	94.0	96.7	92.5	320	95.6	95.9	95.6	95.6	334	87.7	380	92.6	92.6	375	95.7	94.1	77.9	78.4
Health Board Total	1595	94.2	93.8	95.9	91.4	1490	94.0	94.0	93.8	93.9	1646	87.2	1755	92.3	92.8	1947	95.3	92.7	82.3	82.5
Cardiff and Vale UHB																				
Cardiff LA	1019	92.5	92.1	94.8	88.4	887	90.4	89.0	87.6	89.2	982	80.3	1015	87.2	88.1	1103	94.0	89.2	74.3	74.6
Vale of Glamorgan LA	291	95.9	94.8	97.6	93.5	295	90.8	89.8	90.2	90.2	363	85.7	364	89.6	90.7	389	94.1	89.7	75.3	74.8
Health Board Total	1310	93.3	92.7	95.4	89.5	1182	90.5	89.2	88.2	89.4	1345	81.8	1379	87.8	88.8	1492	94.0	89.3	74.5	74.7
Cwm Taf Morgannwg UHB																				
Bridgend LA	368	98.4	98.4	98.6	96.5	311	96.1	96.5	95.8	96.1	366	89.3	366	92.3	92.6	411	97.3	93.4	87.6	87.3
Merthyr Tydfil LA	157	97.5	97.5	98.7	98.7	157	93.0	93.0	92.4	92.4	152	84.2	177	90.4	91.0	171	97.7	94.7	84.8	84.8
Rhondda Cynon Taf LA	594	96.1	96.0	97.3	94.4	532	97.0	97.4	96.8	97.0	640	87.0	663	91.4	91.6	719	97.2	94.7	86.1	86.4
Health Board Total	1119	97.1	97.0	97.9	95.7	1000	96.1	96.4	95.8	96.0	1158	87.4	1206	91.5	91.8	1301	97.3	94.3	86.4	86.5
Hywel Dda UHB																				
Cardiganshire LA	424	95.0	94.1	97.2	93.9	419	90.5	90.2	90.5	90.0	499	81.0	461	90.5	91.1	560	93.6	89.5	86.1	86.4
Ceredigion LA	130	96.9	96.2	96.9	94.6	135	94.1	94.1	93.3	93.3	133	91.0	151	86.1	86.8	162	95.1	92.0	91.4	90.7
Pembrokeshire LA	266	95.1	95.9	96.6	93.6	289	93.1	93.1	92.7	93.1	260	85.0	290	89.3	89.3	343	92.1	87.2	81.6	81.6
Health Board Total	820	95.4	95.0	97.0	93.9	843	91.9	91.8	91.7	91.6	892	83.6	902	89.4	89.8	1065	93.3	89.1	85.4	85.5
Powys Teaching UHB																				
Health Board Total	289	95.2	95.2	95.2	92.0	264	91.3	91.7	91.7	91.3	281	90.7	318	87.7	88.7	330	96.1	91.2	92.1	91.5
Swansea Bay UHB																				
Neath Port Talbot LA	342	95.3	95.9	97.4	95.3	307	92.5	91.9	92.5	92.2	386	81.3	390	89.0	90.0	393	96.7	92.4	87.5	87.3
Swansea LA	564	94.1	93.3	94.3	91.8	534	93.8	93.4	92.5	92.7	571	82.1	649	89.8	89.4	656	94.4	90.2	90.2	89.6
Health Board Total	906	94.6	94.3	95.5	93.2	841	93.3	92.9	92.5	92.5	957	81.8	1039	89.5	89.6	1049	95.2	91.0	89.2	88.8
Unknown	66	98.5	98.5	97.0	89.4	44	93.2	93.2	93.2	93.2	43	79.1	27	88.9	92.6	20	85.0	85.0	75.0	75.0
Wales Total	7703	94.6	94.3	96.1	91.9	7063	93.0	92.7	92.3	92.6	7967	84.7	8350	90.2	90.7	9006	95.3	91.7	82.4	82.3

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 01/10/22 and 31/12/22 and resident on 31/12/22.

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	198	187	94.4	187	94.4	187	94.4	187	94.4	187	94.4	0	0.0
Caerphilly LA	437	412	94.3	412	94.3	412	94.3	412	94.3	412	94.3	0	0.0
Monmouthshire LA	203	194	95.6	194	95.6	194	95.6	194	95.6	194	95.6	0	0.0
Newport LA	505	468	92.7	468	92.7	468	92.7	468	92.7	468	92.7	1	0.2
Torfaen LA	255	234	91.8	234	91.8	234	91.8	234	91.8	234	91.8	0	0.0
Health Board Total	1598	1495	93.6	1495	93.6	1495	93.6	1495	93.6	1495	93.6	1	0.1
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	147	141	95.9	141	95.9	141	95.9	141	95.9	141	95.9	0	0.0
Conwy LA	256	236	92.2	236	92.2	236	92.2	236	92.2	236	92.2	0	0.0
Denbighshire LA	219	206	94.1	206	94.1	206	94.1	206	94.1	205	93.6	2	0.9
Flintshire LA	370	345	93.2	345	93.2	345	93.2	345	93.2	345	93.2	2	0.5
Gwynedd LA	268	259	96.6	259	96.6	259	96.6	259	96.6	259	96.6	2	0.7
Wrexham LA	335	316	94.3	316	94.3	316	94.3	316	94.3	317	94.6	0	0.0
Health Board Total	1595	1503	94.2	1503	94.2	1503	94.2	1503	94.2	1503	94.2	6	0.4
<u>Cardiff and Vale University HB</u>													
Cardiff LA	1019	944	92.6	944	92.6	943	92.5	943	92.5	943	92.5	8	0.8
Vale of Glamorgan LA	291	279	95.9	279	95.9	279	95.9	279	95.9	279	95.9	2	0.7
Health Board Total	1310	1223	93.4	1223	93.4	1222	93.3	1222	93.3	1222	93.3	10	0.8
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	368	362	98.4	362	98.4	362	98.4	362	98.4	362	98.4	0	0.0
Merthyr Tydfil LA	157	153	97.5	153	97.5	153	97.5	153	97.5	153	97.5	0	0.0
Rhondda Cynon Taf LA	594	571	96.1	571	96.1	571	96.1	571	96.1	571	96.1	0	0.0
Health Board Total	1119	1086	97.1	1086	97.1	1086	97.1	1086	97.1	1086	97.1	0	0.0
<u>Hywel Dda University HB</u>													
Cardiff and Vale LA	424	403	95.0	403	95.0	403	95.0	403	95.0	403	95.0	0	0.0
Ceredigion LA	130	126	96.9	126	96.9	126	96.9	126	96.9	126	96.9	2	1.5
Pembrokeshire LA	266	253	95.1	253	95.1	253	95.1	253	95.1	253	95.1	0	0.0
Health Board Total	820	782	95.4	782	95.4	782	95.4	782	95.4	782	95.4	2	0.2
<u>Powys Teaching HB</u>													
Health Board Total	289	275	95.2	275	95.2	275	95.2	275	95.2	275	95.2	2	0.7
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	342	326	95.3	326	95.3	326	95.3	326	95.3	326	95.3	0	0.0
Swansea LA	564	531	94.1	531	94.1	531	94.1	531	94.1	531	94.1	1	0.2
Health Board Total	906	857	94.6	857	94.6	857	94.6	857	94.6	857	94.6	1	0.1
Unknown	66	65	98.5	65	98.5	65	98.5	65	98.5	65	98.5	0	0.0
Wales Total	7703	7286	94.6	7286	94.6	7285	94.6	7285	94.6	7285	94.6	22	0.3

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 01/10/22 and 31/12/22 and resident on 31/12/22.

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	151	145	96.0	145	96.0	145	96.0	145	96.0	145	96.0	145	96.0	142	94.0	148	98.0	142	94.0	142	94.0	142	94.0
Caerphilly LA	408	394	96.6	394	96.6	394	96.6	394	96.6	394	96.6	394	96.6	383	93.9	397	97.3	384	94.1	383	93.9	384	94.1
Monmouthshire LA	189	186	98.4	186	98.4	186	98.4	186	98.4	186	98.4	186	98.4	181	95.8	185	97.9	179	94.7	181	95.8	179	94.7
Newport LA	432	412	95.4	412	95.4	412	95.4	412	95.4	412	95.4	412	95.4	393	91.0	414	95.8	390	90.3	387	89.6	386	89.4
Torfaen LA	219	205	93.6	205	93.6	205	93.6	205	93.6	205	93.6	205	93.6	199	90.9	207	94.5	199	90.9	197	90.0	199	90.9
Health Board Total	1399	1342	95.9	1342	95.9	1342	95.9	1342	95.9	1342	95.9	1342	95.9	1298	92.8	1351	96.6	1294	92.5	1290	92.2	1290	92.2
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	127	125	98.4	125	98.4	125	98.4	125	98.4	125	98.4	125	98.4	121	95.3	125	98.4	122	96.1	121	95.3	121	95.3
Conwy LA	236	219	92.8	219	92.8	219	92.8	219	92.8	219	92.8	219	92.8	209	88.6	223	94.5	209	88.6	209	88.6	208	88.1
Denbighshire LA	230	222	96.5	222	96.5	222	96.5	222	96.5	222	96.5	221	96.1	217	94.3	223	97.0	216	93.9	215	93.5	217	94.3
Flintshire LA	339	327	96.5	327	96.5	327	96.5	327	96.5	327	96.5	326	96.2	320	94.4	325	95.9	320	94.4	320	94.4	321	94.7
Gwynedd LA	238	227	95.4	227	95.4	227	95.4	227	95.4	227	95.4	226	95.0	227	95.4	228	95.8	226	95.0	226	95.0	226	95.0
Wrexham LA	320	312	97.5	312	97.5	312	97.5	312	97.5	312	97.5	311	97.2	306	95.6	313	97.8	307	95.9	306	95.6	306	95.6
Health Board Total	1490	1432	96.1	1432	96.1	1432	96.1	1432	96.1	1432	96.1	1428	95.8	1400	94.0	1437	96.4	1400	94.0	1397	93.8	1399	93.9
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	887	835	94.1	835	94.1	835	94.1	835	94.1	834	94.0	833	93.9	802	90.4	838	94.5	789	89.0	777	87.6	791	89.2
Vale of Glamorgan LA	295	285	96.6	285	96.6	285	96.6	285	96.6	285	96.6	285	96.6	268	90.8	287	97.3	265	89.8	266	90.2	266	90.2
Health Board Total	1182	1120	94.8	1120	94.8	1120	94.8	1120	94.8	1119	94.7	1118	94.6	1070	90.5	1125	95.2	1054	89.2	1043	88.2	1057	89.4
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	311	306	98.4	306	98.4	306	98.4	305	98.1	305	98.1	306	98.4	299	96.1	307	98.7	300	96.5	298	95.8	299	96.1
Merthyr Tydfil LA	157	151	96.2	151	96.2	151	96.2	150	95.5	151	96.2	151	96.2	146	93.0	150	95.5	146	93.0	145	92.4	145	92.4
Rhondda Cynon Taf LA	532	526	98.9	526	98.9	526	98.9	526	98.9	526	98.9	526	98.9	516	97.0	523	98.3	518	97.4	515	96.8	516	97.0
Health Board Total	1000	983	98.3	983	98.3	983	98.3	981	98.1	982	98.2	983	98.3	961	96.1	980	98.0	964	96.4	958	95.8	960	96.0
<u>Hywel Dda University HB</u>																							
Cardiff LA	419	399	95.2	399	95.2	399	95.2	399	95.2	399	95.2	399	95.2	379	90.5	406	96.9	378	90.2	379	90.5	377	90.0
Ceredigion LA	135	129	95.6	129	95.6	129	95.6	129	95.6	128	94.8	129	95.6	127	94.1	129	95.6	127	94.1	126	93.3	126	93.3
Pembrokeshire LA	289	281	97.2	281	97.2	281	97.2	281	97.2	281	97.2	281	97.2	269	93.1	282	97.6	269	93.1	268	92.7	269	93.1
Health Board Total	843	809	96.0	809	96.0	809	96.0	809	96.0	808	95.8	809	96.0	775	91.9	817	96.9	774	91.8	773	91.7	772	91.6
<u>Powys Teaching HB</u>																							
Health Board Total	264	252	95.5	252	95.5	252	95.5	252	95.5	252	95.5	252	95.5	241	91.3	254	96.2	242	91.7	242	91.7	241	91.3
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	307	301	98.0	301	98.0	301	98.0	301	98.0	301	98.0	301	98.0	284	92.5	302	98.4	282	91.9	284	92.5	283	92.2
Swansea LA	534	507	94.9	507	94.9	506	94.8	507	94.9	507	94.9	508	95.1	501	93.8	508	95.1	499	93.4	494	92.5	495	92.7
Health Board Total	841	808	96.1	808	96.1	807	96.0	808	96.1	808	96.1	809	96.2	785	93.3	810	96.3	781	92.9	778	92.5	778	92.5
Unknown	44	42	95.5	42	95.5	42	95.5	42	95.5	42	95.5	42	95.5	41	93.2	41	93.2	41	93.2	41	93.2	41	93.2
Wales Total	7063	6788	96.1	6788	96.1	6787	96.1	6786	96.1	6785	96.1	6783	96.0	6571	93.0	6815	96.5	6550	92.7	6522	92.3	6538	92.6

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 01/10/22 and 31/12/22 and resident on 31/12/22. 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	184	160 87.0	170 92.4	158 85.9	156 84.8
Caerphilly LA	471	416 88.3	455 96.6	416 88.3	412 87.5
Monmouthshire LA	207	191 92.3	194 93.7	188 90.8	186 89.9
Newport LA	541	440 81.3	499 92.2	437 80.8	429 79.3
Torfaen LA	242	203 83.9	227 93.8	202 83.5	201 83.1
Health Board Total	1645	1410 85.7	1545 93.9	1401 85.2	1384 84.1
<u>Betsi Cadwaladr University HB</u>					
Anglesey LA	148	135 91.2	148 100.0	135 91.2	135 91.2
Conwy LA	236	200 84.7	228 96.6	201 85.2	200 84.7
Denbighshire LA	252	223 88.5	239 94.8	221 87.7	221 87.7
Flintshire LA	396	343 86.6	380 96.0	341 86.1	340 85.9
Gwynedd LA	280	248 88.6	271 96.8	249 88.9	246 87.9
Wrexham LA	334	297 88.9	316 94.6	297 88.9	293 87.7
Health Board Total	1646	1446 87.8	1582 96.1	1444 87.7	1435 87.2
<u>Cardiff and Vale University HB</u>					
Cardiff LA	982	806 82.1	911 92.8	800 81.5	789 80.3
Vale of Glamorgan LA	363	322 88.7	346 95.3	315 86.8	311 85.7
Health Board Total	1345	1128 83.9	1257 93.5	1115 82.9	1100 81.8
<u>Cwm Taf Morgannwg University HB</u>					
Bridgend LA	366	330 90.2	348 95.1	331 90.4	327 89.3
Merthyr Tydfil LA	152	128 84.2	145 95.4	128 84.2	128 84.2
Rhondda Cynon Taf LA	640	562 87.8	618 96.6	567 88.6	557 87.0
Health Board Total	1158	1020 88.1	1111 95.9	1026 88.6	1012 87.4
<u>Hywel Dda University HB</u>					
Carmarthenshire LA	499	406 81.4	473 94.8	405 81.2	404 81.0
Ceredigion LA	133	122 91.7	128 96.2	122 91.7	121 91.0
Pembrokeshire LA	260	225 86.5	248 95.4	223 85.8	221 85.0
Health Board Total	892	753 84.4	849 95.2	750 84.1	746 83.6
<u>Powys Teaching HB</u>					
Health Board Total	281	257 91.5	265 94.3	257 91.5	255 90.7
<u>Swansea Bay University HB</u>					
Neath Port Talbot LA	386	316 81.9	368 95.3	315 81.6	314 81.3
Swansea LA	571	481 84.2	534 93.5	475 83.2	469 82.1
Health Board Total	957	797 83.3	902 94.3	790 82.5	783 81.8
Unknown	43	37 86.0	37 86.0	37 86.0	34 79.1
Wales Total	7967	6848 86.0	7548 94.7	6820 85.6	6749 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 01/10/22 and 31/12/22 and resident on 31/12/22. 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	192	171	89.1	181	94.3	170	88.5	166	86.5
Caerphilly LA	519	494	95.2	504	97.1	492	94.8	487	93.8
Monmouthshire LA	198	187	94.4	184	92.9	184	92.9	180	90.9
Newport LA	527	459	87.1	472	89.6	458	86.9	439	83.3
Torfaen LA	288	253	87.8	272	94.4	251	87.2	249	86.5
Health Board Total	1724	1564	90.7	1613	93.6	1555	90.2	1521	88.2
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	156	146	93.6	149	95.5	146	93.6	145	92.9
Conwy LA	285	260	91.2	272	95.4	258	90.5	255	89.5
Denbighshire LA	234	209	89.3	220	94.0	210	89.7	207	88.5
Flintshire LA	445	417	93.7	425	95.5	415	93.3	412	92.6
Gwynedd LA	255	244	95.7	243	95.3	238	93.3	235	92.2
Wrexham LA	380	352	92.6	357	93.9	352	92.6	346	91.1
Health Board Total	1755	1628	92.8	1666	94.9	1619	92.3	1600	91.2
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1015	894	88.1	939	92.5	885	87.2	875	86.2
Vale of Glamorgan LA	364	330	90.7	339	93.1	326	89.6	322	88.5
Health Board Total	1379	1224	88.8	1278	92.7	1211	87.8	1197	86.8
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	366	339	92.6	346	94.5	338	92.3	335	91.5
Merthyr Tydfil LA	177	161	91.0	171	96.6	160	90.4	159	89.8
Rhondda Cynon Taf LA	663	607	91.6	627	94.6	606	91.4	594	89.6
Health Board Total	1206	1107	91.8	1144	94.9	1104	91.5	1088	90.2
<u>Hywel Dda University HB</u>									
Cardiganshire LA	461	420	91.1	439	95.2	417	90.5	415	90.0
Ceredigion LA	151	131	86.8	137	90.7	130	86.1	130	86.1
Pembrokeshire LA	290	259	89.3	271	93.4	259	89.3	258	89.0
Health Board Total	902	810	89.8	847	93.9	806	89.4	803	89.0
<u>Powys Teaching HB</u>									
Health Board Total	318	282	88.7	287	90.3	279	87.7	273	85.8
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	390	351	90.0	368	94.4	347	89.0	344	88.2
Swansea LA	649	580	89.4	596	91.8	583	89.8	567	87.4
Health Board Total	1039	931	89.6	964	92.8	930	89.5	911	87.7
Unknown	27	25	92.6	25	92.6	24	88.9	23	85.2
Wales Total	8350	7571	90.7	7824	93.7	7528	90.2	7416	88.8

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 01/10/22 and 31/12/22 and resident on 31/12/22.

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)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																													
Blaenau Gwent LA	192	187	97.4	187	97.4	187	97.4	187	97.4	187	97.4	0	0.0	182	94.8	181	94.3	185	96.4	170	88.5	171	89.1	171	89.1	171	89.1	171	89.1
Caerphilly LA	519	509	98.1	509	98.1	509	98.1	509	98.1	509	98.1	0	0.0	506	97.5	504	97.1	507	97.7	492	94.8	494	95.2	494	95.2	494	95.2	494	95.2
Monmouthshire LA	198	188	94.9	188	94.9	188	94.9	188	94.9	188	94.9	1	0.5	184	92.9	184	92.9	192	97.0	184	92.9	187	94.4	187	94.4	187	94.4	187	94.4
Newport LA	527	493	93.5	493	93.5	493	93.5	493	93.5	492	93.4	3	0.6	478	90.7	472	89.6	489	92.8	458	86.9	459	87.1	459	87.1	459	87.1	459	87.1
Torfaen LA	288	277	96.2	277	96.2	277	96.2	277	96.2	277	96.2	0	0.0	271	94.1	272	94.4	273	94.8	251	87.2	253	87.8	253	87.8	253	87.8	253	87.8
Health Board Total	1724	1654	95.9	1654	95.9	1654	95.9	1654	95.9	1653	95.9	4	0.2	1621	94	1613	93.6	1646	95.5	1555	90.2	1564	90.7	1564	90.7	1564	90.7	1564	90.7
<u>Betsi Cadwaladr University HB</u>																													
Anglesey LA	156	150	96.2	150	96.2	150	96.2	150	96.2	150	96.2	0	0.0	149	95.5	149	95.5	150	96.2	146	93.6	146	93.6	146	93.6	146	93.6	146	93.6
Conwy LA	285	277	97.2	277	97.2	277	97.2	277	97.2	275	96.5	3	1.1	269	94.4	272	95.4	276	96.8	258	90.5	260	91.2	260	91.2	260	91.2	260	91.2
Denbighshire LA	234	222	94.9	222	94.9	222	94.9	221	94.4	222	94.9	1	0.4	216	92.3	220	94.0	223	95.3	210	89.7	209	89.3	209	89.3	209	89.3	209	89.3
Flintshire LA	445	426	95.7	426	95.7	426	95.7	426	95.7	426	95.7	0	0.0	421	94.6	425	95.5	426	95.7	415	93.3	417	93.7	417	93.7	417	93.7	417	93.7
Gwynedd LA	255	243	95.3	243	95.3	243	95.3	243	95.3	243	95.3	0	0.0	238	93.3	243	95.3	246	96.5	238	93.3	244	95.7	244	95.7	244	95.7	244	95.7
Wrexham LA	380	361	95.0	361	95.0	361	95.0	361	95.0	361	95.0	0	0.0	350	92.1	357	93.9	363	95.5	352	92.6	352	92.6	352	92.6	352	92.6	352	92.6
Health Board Total	1755	1679	95.7	1679	95.7	1679	95.7	1678	95.6	1677	95.6	4	0.2	1643	93.6	1666	94.9	1684	96.0	1619	92.3	1628	92.8	1628	92.8	1628	92.8	1628	92.8
<u>Cardiff and Vale University HB</u>																													
Cardiff LA	1015	950	93.6	950	93.6	950	93.6	950	93.6	949	93.5	2	0.2	899	88.6	939	92.5	948	93.4	885	87.2	894	88.1	894	88.1	894	88.1	894	88.1
Vale of Glamorgan LA	364	348	95.6	348	95.6	348	95.6	348	95.6	349	95.9	0	0.0	334	91.8	339	93.1	347	95.3	326	89.6	330	90.7	330	90.7	330	90.7	330	90.7
Health Board Total	1379	1298	94.1	1298	94.1	1298	94.1	1298	94.1	1298	94.1	2	0.1	1233	89.4	1278	92.7	1295	93.9	1211	87.8	1224	88.8	1224	88.8	1224	88.8	1224	88.8
<u>Cwm Taf Morgannwg University HB</u>																													
Bridgend LA	366	358	97.8	358	97.8	358	97.8	358	97.8	358	97.8	0	0.0	346	94.5	346	94.5	352	96.2	338	92.3	339	92.6	339	92.6	339	92.6	339	92.6
Merthyr Tydfil LA	177	173	97.7	173	97.7	173	97.7	173	97.7	172	97.2	1	0.6	173	97.7	171	96.6	171	96.6	160	90.4	161	91.0	161	91.0	161	91.0	161	91.0
Rhondda Cynon Taf LA	663	645	97.3	645	97.3	645	97.3	646	97.4	645	97.3	0	0.0	630	95	627	94.6	644	97.1	606	91.4	607	91.6	607	91.6	607	91.6	607	91.6
Health Board Total	1206	1176	97.5	1176	97.5	1176	97.5	1177	97.6	1175	97.4	1	0.1	1149	95.3	1144	94.9	1167	96.8	1104	91.5	1107	91.8	1107	91.8	1107	91.8	1107	91.8
<u>Hywel Dda University HB</u>																													
Carmarthenshire LA	461	445	96.5	445	96.5	445	96.5	445	96.5	445	96.5	1	0.2	435	94.4	439	95.2	441	95.7	417	90.5	420	91.1	420	91.1	420	91.1	420	91.1
Ceredigion LA	151	138	91.4	138	91.4	138	91.4	138	91.4	138	91.4	2	1.3	135	89.4	137	90.7	136	90.1	130	86.1	131	86.8	131	86.8	131	86.8	131	86.8
Pembrokeshire LA	290	276	95.2	276	95.2	276	95.2	276	95.2	276	95.2	1	0.3	265	91.4	271	93.4	274	94.5	259	89.3	259	89.3	259	89.3	259	89.3	259	89.3
Health Board Total	902	859	95.2	859	95.2	859	95.2	859	95.2	859	95.2	4	0.4	835	92.6	847	93.9	851	94.3	806	89.4	810	89.8	810	89.8	810	89.8	810	89.8
<u>Powys Teaching HB</u>																													
Health Board Total	318	293	92.1	293	92.1	293	92.1	293	92.1	293	92.1	2	0.6	284	89.3	287	90.3	297	93.4	279	87.7	282	88.7	282	88.7	282	88.7	282	88.7
<u>Swansea Bay University HB</u>																													
Neath Port Talbot LA	390	380	97.4	380	97.4	380	97.4	378	96.9	380	97.4	0	0.0	365	93.6	368	94.4	373	95.6	347	89.0	351	90.0	351	90.0	351	90.0	351	90.0
Swansea LA	649	609	93.8	609	93.8	609	93.8	609	93.8	608	93.7	3	0.5	580	89.4	596	91.8	609	93.8	583	89.8	580	89.4	580	89.4	580	89.4	580	89.4
Health Board Total	1039	989	95.2	989	95.2	989	95.2	987	95.0	988	95.1	3	0.3	945	91	964	92.8	982	94.5	930	89.5	931	89.6	931	89.6	931	89.6	931	89.6
Unknown	27	26	96.3	26	96.3	26	96.3	26	96.3	26	96.3	0	0.0	26	96.3	25	92.6	26	96.3	24	88.9	25	92.6	25	92.6	25	92.6	25	92.6
Wales Total	8350	7974	95.5	7974	95.5	7974	95.5	7972	95.5	7969	95.4	20	0.2	7736	92.6	7824	93.7	7948	95.2	7528	90.2	7571	90.7	7571	90.7	7571	90.7	7571	90.7

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 31/12/22, 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	814	0	0.0	416	0	0.0	398	0	0.0
Caerphilly LA	2244	2	0.1	1089	0	0.0	1155	2	0.2
Monmouthshire LA	1075	0	0.0	524	0	0.0	550	0	0.0
Newport LA	2217	2	0.1	1099	0	0.0	1118	2	0.2
Torfaen LA	1183	0	0.0	600	0	0.0	583	0	0.0
Health Board Total	7533	4	0.1	3728	0	0.0	3804	4	0.1
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	813	1	0.1	401	0	0.0	412	1	0.2
Conwy LA	1328	2	0.2	662	0	0.0	664	2	0.3
Denbighshire LA	1165	0	0.0	561	0	0.0	604	0	0.0
Flintshire LA	1825	1	0.1	842	1	0.1	983	0	0.0
Gwynedd LA	1388	0	0.0	647	0	0.0	740	0	0.0
Wrexham LA	1630	8	0.5	807	4	0.5	823	4	0.5
Health Board Total	8149	12	0.1	3920	5	0.1	4226	7	0.2
<u>Cardiff and Vale University HB</u>									
Cardiff LA	4584	7	0.2	2232	5	0.2	2352	2	0.1
Vale of Glamorgan LA	1723	4	0.2	842	4	0.5	881	0	0.0
Health Board Total	6307	11	0.2	3074	9	0.3	3233	2	0.1
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	1809	0	0.0	895	0	0.0	914	0	0.0
Merthyr Tydfil LA	694	0	0.0	308	0	0.0	386	0	0.0
Rhondda Cynon Taf LA	2985	1	0.0	1494	1	0.1	1491	0	0.0
Health Board Total	5488	1	0.0	2697	1	0.0	2791	0	0.0
<u>Hywel Dda University HB</u>									
Cardiff LA	2157	3	0.1	1034	2	0.2	1122	1	0.1
Ceredigion LA	764	0	0.0	378	0	0.0	386	0	0.0
Pembrokeshire LA	1435	1	0.1	711	1	0.1	724	0	0.0
Health Board Total	4356	4	0.1	2123	3	0.1	2232	1	0.0
<u>Powys Teaching HB</u>									
Health Board Total	1335	6	0.4	657	3	0.5	675	3	0.4
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	1678	1	0.1	808	1	0.1	870	0	0.0
Swansea LA	2809	7	0.2	1367	5	0.4	1442	2	0.1
Health Board Total	4487	8	0.2	2175	6	0.3	2312	2	0.1
Unknown	84	1	1.2	41	1	2.4	43	0	0.0
Wales Total	37739	47	0.1	18415	28	0.2	19316	19	0.1

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next quarter 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 31/12/22, 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	814	505	62.0	1	0.1	381	255	66.9	1	0.3	433	250	57.7	0	0.0
Caerphilly LA	2208	1368	62.0	4	0.2	1067	714	66.9	2	0.2	1141	654	57.3	2	0.2
Monmouthshire LA	1104	747	67.7	3	0.3	545	395	72.5	0	0.0	559	352	63.0	3	0.5
Newport LA	2155	1251	58.1	2	0.1	1005	617	61.4	0	0.0	1149	634	55.2	2	0.2
Torfaen LA	1161	758	65.3	3	0.3	541	380	70.2	1	0.2	619	378	61.1	2	0.3
Health Board Total	7442	4629	62.2	13	0.2	3539	2361	66.7	4	0.1	3901	2268	58.1	9	0.2
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	808	598	74.0	1	0.1	382	304	79.6	1	0.3	426	294	69.0	0	0.0
Conwy LA	1240	766	61.8	2	0.2	619	415	67.0	1	0.2	621	351	56.5	1	0.2
Denbighshire LA	1155	603	52.2	2	0.2	571	319	55.9	1	0.2	584	284	48.6	1	0.2
Flintshire LA	1785	1295	72.5	3	0.2	874	669	76.5	2	0.2	911	626	68.7	1	0.1
Gwynedd LA	1324	897	67.7	1	0.1	645	460	71.3	1	0.2	677	435	64.3	0	0.0
Wrexham LA	1625	1123	69.1	15	0.9	769	560	72.8	9	1.2	856	563	65.8	6	0.7
Health Board Total	7937	5282	66.5	24	0.3	3860	2727	70.6	15	0.4	4075	2553	62.7	9	0.2
<u>Cardiff and Vale University HB</u>															
Cardiff LA	4554	2180	47.9	4	0.1	2246	1112	49.5	3	0.1	2308	1068	46.3	1	0.0
Vale of Glamorgan LA	1664	1011	60.8	0	0.0	807	538	66.7	0	0.0	857	473	55.2	0	0.0
Health Board Total	6218	3191	51.3	4	0.1	3053	1650	54.0	3	0.1	3165	1541	48.7	1	0.0
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	1693	1359	80.3	130	7.7	773	641	82.9	59	7.6	920	718	78.0	71	7.7
Merthyr Tydfil LA	744	496	66.7	0	0.0	386	280	72.5	0	0.0	358	216	60.3	0	0.0
Rhondda Cynon Taf LA	3003	2446	81.5	1	0.0	1469	1236	84.1	1	0.1	1533	1210	78.9	0	0.0
Health Board Total	5440	4301	79.1	131	2.4	2628	2157	82.1	60	2.3	2811	2144	76.3	71	2.5
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	2138	1538	71.9	3	0.1	1062	806	75.9	1	0.1	1076	732	68.0	2	0.2
Ceredigion LA	604	477	79.0	2	0.3	300	248	82.7	0	0.0	304	229	75.3	2	0.7
Pembrokeshire LA	1375	919	66.8	2	0.1	696	512	73.6	1	0.1	679	407	59.9	1	0.1
Health Board Total	4117	2934	71.3	7	0.2	2058	1566	76.1	2	0.1	2059	1368	66.4	5	0.2
<u>Powys Teaching HB</u>															
Health Board Total	1362	990	72.7	18	1.3	664	509	76.7	12	1.8	696	481	69.1	6	0.9
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	1689	1450	85.8	11	0.7	822	728	88.6	4	0.5	867	722	83.3	7	0.8
Swansea LA	2733	2297	84.0	5	0.2	1317	1126	85.5	2	0.2	1416	1171	82.7	3	0.2
Health Board Total	4422	3747	84.7	16	0.4	2139	1854	86.7	6	0.3	2283	1893	82.9	10	0.4
Unknown	91	60	65.9	0	0.0	51	40	78.4	0	0.0	40	20	50.0	0	0.0
Wales Total	37029	25134	67.9	213	0.6	17992	12864	71.5	102	0.6	19030	12268	64.5	111	0.6

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next quarter 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 31/12/22.

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	814	0	0.0	814	505	62.0	1	0.1	844	687	81.4	580	68.7
Caerphilly LA	2244	2	0.1	2208	1368	62.0	4	0.2	2274	1907	83.9	1521	66.9
Monmouthshire LA	1075	0	0.0	1104	747	67.7	3	0.3	1121	862	76.9	652	58.2
Newport LA	2217	2	0.1	2155	1251	58.1	2	0.1	2254	1634	72.5	1065	47.2
Torfaen LA	1183	0	0.0	1161	758	65.3	3	0.3	1159	946	81.6	756	65.2
Health Board Total	7533	4	0.1	7442	4629	62.2	13	0.2	7652	6036	78.9	4574	59.8
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	813	1	0.1	808	598	74.0	1	0.1	808	661	81.8	544	67.3
Conwy LA	1328	2	0.2	1240	766	61.8	2	0.2	1270	1007	79.3	727	57.2
Denbighshire LA	1165	0	0.0	1155	603	52.2	2	0.2	1210	811	67.0	523	43.2
Flintshire LA	1825	1	0.1	1785	1295	72.5	3	0.2	1845	1431	77.6	1238	67.1
Gwynedd LA	1388	0	0.0	1324	897	67.7	1	0.1	1314	1112	84.6	1047	79.7
Wrexham LA	1630	8	0.5	1625	1123	69.1	15	0.9	1684	1387	82.4	1168	69.4
Health Board Total	8149	12	0.1	7937	5282	66.5	24	0.3	8131	6409	78.8	5247	64.5
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4584	7	0.2	4554	2180	47.9	4	0.1	4531	3423	75.5	3006	66.3
Vale of Glamorgan LA	1723	4	0.2	1664	1011	60.8	0	0.0	1709	1357	79.4	1165	68.2
Health Board Total	6307	11	0.2	6218	3191	51.3	4	0.1	6240	4780	76.6	4171	66.8
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1809	0	0.0	1693	1359	80.3	130	7.7	1714	1544	90.1	1386	80.9
Merthyr Tydfil LA	694	0	0.0	744	496	66.7	0	0.0	781	673	86.2	557	71.3
Rhondda Cynon Taf LA	2985	1	0.0	3003	2446	81.5	1	0.0	2951	2608	88.4	2276	77.1
Health Board Total	5488	1	0.0	5440	4301	79.1	131	2.4	5446	4825	88.6	4219	77.5
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	2157	3	0.1	2138	1538	71.9	3	0.1	2304	1975	85.7	1753	76.1
Ceredigion LA	764	0	0.0	604	477	79.0	2	0.3	652	543	83.3	519	79.6
Pembrokeshire LA	1435	1	0.1	1375	919	66.8	2	0.1	1376	1079	78.4	992	72.1
Health Board Total	4356	4	0.1	4117	2934	71.3	7	0.2	4332	3597	83.0	3264	75.3
<u>Powys Teaching HB</u>													
Health Board Total	1335	6	0.4	1362	990	72.7	18	1.3	1503	1226	81.6	1135	75.5
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1678	1	0.1	1689	1450	85.8	11	0.7	1670	1511	90.5	1347	80.7
Swansea LA	2809	7	0.2	2733	2297	84.0	5	0.2	2914	2618	89.8	2318	79.5
Health Board Total	4487	8	0.2	4422	3747	84.7	16	0.4	4584	4129	90.1	3665	80.0
Unknown	84	1	1.2	91	60	65.9	0	0.0	107	73	68.2	58	54.2
Wales Total	37739	47	0.1	37029	25134	67.9	213	0.6	37995	31075	81.8	26333	69.3

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next quarter 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 31/12/22.

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	814	0	0.0	844	582	69.0	725	562	77.5	788	663	84.1
Caerphilly LA	2208	35	1.6	2274	1462	64.3	2109	1720	81.6	2135	1778	83.3
Monmouthshire LA	1104	8	0.7	1121	757	67.5	1112	857	77.1	1107	849	76.7
Newport LA	2155	45	2.1	2254	1301	57.7	2058	1515	73.6	1937	1517	78.3
Torfaen LA	1161	5	0.4	1159	768	66.3	1137	911	80.1	1147	928	80.9
Health Board Total	7442	93	1.2	7652	4870	63.6	7141	5565	77.9	7114	5735	80.6
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	808	1	0.1	808	549	67.9	784	620	79.1	721	607	84.2
Conwy LA	1240	3	0.2	1270	872	68.7	1233	963	78.1	1235	1063	86.1
Denbighshire LA	1155	3	0.3	1210	747	61.7	1152	879	76.3	1135	893	78.7
Flintshire LA	1785	7	0.4	1845	1271	68.9	1827	1541	84.3	1686	1314	77.9
Gwynedd LA	1324	3	0.2	1314	1004	76.4	1302	1127	86.6	1353	1187	87.7
Wrexham LA	1625	6	0.4	1684	1155	68.6	1563	1242	79.5	1570	1255	79.9
Health Board Total	7937	23	0.3	8131	5598	68.8	7861	6372	81.1	7700	6319	82.1
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4554	2175	47.8	4531	3180	70.2	4345	3208	73.8	4218	3219	76.3
Vale of Glamorgan LA	1664	799	48.0	1709	1324	77.5	1639	1301	79.4	1520	1288	84.7
Health Board Total	6218	2974	47.8	6240	4504	72.2	5984	4509	75.4	5738	4507	78.5
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1693	3	0.2	1714	1406	82.0	1763	1561	88.5	1626	1472	90.5
Merthyr Tydfil LA	744	2	0.3	781	571	73.1	721	605	83.9	706	635	89.9
Rhondda Cynon Taf LA	3003	36	1.2	2951	2291	77.6	2870	2506	87.3	2880	2631	91.4
Health Board Total	5440	41	0.8	5446	4268	78.4	5354	4672	87.3	5212	4738	90.9
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2138	7	0.3	2304	1748	75.9	2188	1874	85.6	2144	1835	85.6
Ceredigion LA	604	1	0.2	652	545	83.6	680	597	87.8	624	540	86.5
Pembrokeshire LA	1375	7	0.5	1376	873	63.4	1369	1121	81.9	1381	996	72.1
Health Board Total	4117	15	0.4	4332	3166	73.1	4237	3592	84.8	4149	3371	81.2
<u>Powys Teaching HB</u>												
Health Board Total	1362	3	0.2	1503	1170	77.8	1387	1215	87.6	1383	1168	84.5
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1689	2	0.1	1670	1401	83.9	1641	1463	89.2	1645	1458	88.6
Swansea LA	2733	18	0.7	2914	2505	86.0	2766	2495	90.2	2667	2384	89.4
Health Board Total	4422	20	0.5	4584	3906	85.2	4407	3958	89.8	4312	3842	89.1
Unknown	91	7	7.7	107	72	67.3	69	47	68.1	84	68	81.0
Wales Total	37029	3176	8.6	37995	27554	72.5	36440	29930	82.1	35692	29748	83.3

¹ Timings of immunisation sessions vary between HBs and uptake will increase over the next quarter 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 31/12/22, 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)
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	814	776	95.3	751	92.3	2	0.2	0	0.0		381	362	95.0	349	91.6	433	414	95.6	402	92.8
Caerphilly LA	2208	2134	96.6	2075	94.0	41	1.9	35	1.6		1067	1032	96.7	1001	93.8	1141	1102	96.6	1074	94.1
Monmouthshire LA	1104	991	89.8	963	87.2	9	0.8	8	0.7		545	490	89.9	476	87.3	559	501	89.6	487	87.1
Newport LA	2155	1991	92.4	1910	88.6	41	1.9	45	2.1		1005	926	92.1	892	88.8	1149	1065	92.7	1018	88.6
Torfaen LA	1161	1129	97.2	1088	93.7	9	0.8	5	0.4		541	526	97.2	501	92.6	619	603	97.4	587	94.8
Health Board Total	7442	7021	94.3	6787	91.2	102	1.4	93	1.2		3539	3336	94.3	3219	91.0	3901	3685	94.5	3568	91.5
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	808	776	96.0	760	94.1	9	1.1	1	0.1		382	369	96.6	364	95.3	426	407	95.5	396	93.0
Conwy LA	1240	1185	95.6	1162	93.7	3	0.2	3	0.2		619	594	96.0	581	93.9	621	591	95.2	581	93.6
Denbighshire LA	1155	1084	93.9	1067	92.4	8	0.7	3	0.3		571	535	93.7	529	92.6	584	549	94.0	538	92.1
Flintshire LA	1785	1690	94.7	1657	92.8	7	0.4	7	0.4		874	836	95.7	820	93.8	911	854	93.7	837	91.9
Gwynedd LA	1324	1256	94.9	1226	92.6	4	0.3	3	0.2		645	609	94.4	595	92.2	677	647	95.6	631	93.2
Wrexham LA	1625	1542	94.9	1514	93.2	9	0.6	6	0.4		769	725	94.3	712	92.6	856	817	95.4	802	93.7
Health Board Total	7937	7533	94.9	7386	93.1	40	0.5	23	0.3		3860	3668	95.0	3601	93.3	4075	3865	94.8	3785	92.9
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	4554	4320	94.9	4139	90.9	2176	47.8	2175	47.8		2246	2142	95.4	2043	91.0	2308	2178	94.4	2096	90.8
Vale of Glamorgan LA	1664	1618	97.2	1560	93.8	803	48.3	799	48.0		807	784	97.1	754	93.4	857	834	97.3	806	94.0
Health Board Total	6218	5938	95.5	5699	91.7	2979	47.9	2974	47.8		3053	2926	95.8	2797	91.6	3165	3012	95.2	2902	91.7
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	1693	1644	97.1	1591	94.0	7	0.4	3	0.2		773	753	97.4	722	93.4	920	891	96.8	869	94.5
Merthyr Tydfil LA	744	713	95.8	689	92.6	2	0.3	2	0.3		386	372	96.4	358	92.7	358	341	95.3	331	92.5
Rhondda Cynon Taf LA	3003	2915	97.1	2842	94.6	40	1.3	36	1.2		1469	1424	96.9	1392	94.8	1533	1491	97.3	1450	94.6
Health Board Total	5440	5272	96.9	5122	94.2	49	0.9	41	0.8		2628	2549	97.0	2472	94.1	2811	2723	96.9	2650	94.3
<u>Hywel Dda University HB</u>																				
Carmarthenshire LA	2138	2016	94.3	1952	91.3	12	0.6	7	0.3		1062	1000	94.2	970	91.3	1076	1016	94.4	982	91.3
Ceredigion LA	604	564	93.4	555	91.9	3	0.5	1	0.2		300	279	93.0	274	91.3	304	285	93.8	281	92.4
Pembrokeshire LA	1375	1268	92.2	1214	88.3	6	0.4	7	0.5		696	645	92.7	621	89.2	679	623	91.8	593	87.3
Health Board Total	4117	3848	93.5	3721	90.4	21	0.5	15	0.4		2058	1924	93.5	1865	90.6	2059	1924	93.4	1856	90.1
<u>Powys Teaching HB</u>																				
Health Board Total	1362	1249	91.7	1192	87.5	8	0.6	3	0.2		664	607	91.4	585	88.1	696	642	92.2	607	87.2
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	1689	1641	97.2	1595	94.4	5	0.3	2	0.1		822	800	97.3	778	94.6	867	841	97.0	817	94.2
Swansea LA	2733	2591	94.8	2509	91.8	13	0.5	18	0.7		1317	1245	94.5	1206	91.6	1416	1346	95.1	1303	92.0
Health Board Total	4422	4232	95.7	4104	92.8	18	0.4	20	0.5		2139	2045	95.6	1984	92.8	2283	2187	95.8	2120	92.9
Unknown	91	78	85.7	77	84.6	8	8.8	7	7.7		51	45	88.2	45	88.2	40	33	82.5	32	80.0
Wales Total	37029	35171	95.0	34088	92.1	3225	8.7	3176	8.6		17992	17100	95.0	16568	92.1	19030	18071	95.0	17520	92.1

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 quarter 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 31/12/22, 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>																			
Blaenau Gwent LA	844	814	96.4	788	93.4	591	70.0	582	69.0	407	389	95.6	373	91.6	437	425	97.3	415	95.0
Caerphilly LA	2274	2218	97.5	2169	95.4	1458	64.1	1462	64.3	1083	1059	97.8	1037	95.8	1191	1159	97.3	1132	95.0
Monmouthshire LA	1121	1016	90.6	987	88.0	752	67.1	757	67.5	547	497	90.9	480	87.8	574	519	90.4	507	88.3
Newport LA	2254	2103	93.3	2013	89.3	1299	57.6	1301	57.7	1086	1021	94.0	983	90.5	1167	1081	92.6	1030	88.3
Torfaen LA	1159	1114	96.1	1084	93.5	730	63.0	768	66.3	554	539	97.3	525	94.8	605	575	95.0	559	92.4
Health Board Total	7652	7265	94.9	7041	92.0	4830	63.1	4870	63.6	3677	3505	95.3	3398	92.4	3974	3759	94.6	3643	91.7
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	808	776	96.0	758	93.8	570	70.5	549	67.9	413	398	96.4	388	93.9	395	378	95.7	370	93.7
Conwy LA	1270	1214	95.6	1191	93.8	865	68.1	872	68.7	637	610	95.8	599	94.0	632	604	95.6	592	93.7
Denbighshire LA	1210	1133	93.6	1112	91.9	743	61.4	747	61.7	572	534	93.4	529	92.5	637	599	94.0	583	91.5
Flintshire LA	1845	1720	93.2	1686	91.4	1266	68.6	1271	68.9	894	826	92.4	808	90.4	951	894	94.0	878	92.3
Gwynedd LA	1314	1270	96.7	1230	93.6	1022	77.8	1004	76.4	630	609	96.7	586	93.0	684	661	96.6	644	94.2
Wrexham LA	1684	1596	94.8	1570	93.2	1154	68.5	1155	68.6	820	785	95.7	776	94.6	863	810	93.9	793	91.9
Health Board Total	8131	7709	94.8	7547	92.8	5620	69.1	5598	68.8	3966	3762	94.9	3686	92.9	4162	3946	94.8	3860	92.7
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4531	4272	94.3	4057	89.5	3169	69.9	3180	70.2	2238	2122	94.8	2014	90.0	2293	2150	93.8	2043	89.1
Vale of Glamorgan LA	1709	1658	97.0	1604	93.9	1322	77.4	1324	77.5	832	808	97.1	782	94.0	877	850	96.9	822	93.7
Health Board Total	6240	5930	95.0	5661	90.7	4491	72.0	4504	72.2	3070	2930	95.4	2796	91.1	3170	3000	94.6	2865	90.4
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1714	1666	97.2	1610	93.9	1406	82.0	1406	82.0	827	806	97.5	786	95.0	887	860	97.0	824	92.9
Merthyr Tydfil LA	781	754	96.5	731	93.6	574	73.5	571	73.1	380	367	96.6	352	92.6	401	387	96.5	379	94.5
Rhondda Cynon Taf LA	2951	2858	96.8	2797	94.8	2290	77.6	2291	77.6	1452	1407	96.9	1379	95.0	1496	1448	96.8	1417	94.7
Health Board Total	5446	5278	96.9	5138	94.3	4270	78.4	4268	78.4	2659	2580	97.0	2517	94.7	2784	2695	96.8	2620	94.1
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2304	2175	94.4	2107	91.4	1756	76.2	1748	75.9	1138	1072	94.2	1039	91.3	1166	1103	94.6	1068	91.6
Ceredigion LA	652	604	92.6	588	90.2	548	84.0	545	83.6	316	293	92.7	285	90.2	336	311	92.6	303	90.2
Pembrokeshire LA	1376	1276	92.7	1212	88.1	880	64.0	873	63.4	682	642	94.1	622	91.2	694	634	91.4	590	85.0
Health Board Total	4332	4055	93.6	3907	90.2	3184	73.5	3166	73.1	2136	2007	94.0	1946	91.1	2196	2048	93.3	1961	89.3
<u>Powys Teaching HB</u>																			
Health Board Total	1503	1392	92.6	1343	89.4	1165	77.5	1170	77.8	699	652	93.3	632	90.4	803	740	92.2	711	88.5
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1670	1627	97.4	1579	94.6	1399	83.8	1401	83.9	784	762	97.2	744	94.9	886	865	97.6	835	94.2
Swansea LA	2914	2754	94.5	2679	91.9	2491	85.5	2505	86.0	1454	1370	94.2	1343	92.4	1460	1384	94.8	1336	91.5
Health Board Total	4584	4381	95.6	4258	92.9	3890	84.9	3906	85.2	2238	2132	95.3	2087	93.3	2346	2249	95.9	2171	92.5
Unknown	107	96	89.7	93	86.9	71	66.4	72	67.3	61	57	93.4	55	90.2	46	39	84.8	38	82.6
Wales Total	37995	36106	95.0	34988	92.1	27521	72.4	27554	72.5	18506	17625	95.2	17117	92.5	19481	18476	94.8	17869	91.7

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 31/12/22, 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)	
		MMR1	MMR2		booster ¹		MenACWY												
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	725	698	96.3	677	93.4	562	77.5	562	77.5	386	370	95.9	358	92.7	339	328	96.8	319	94.1
Caerphilly LA	2109	2048	97.1	1994	94.5	1716	81.4	1720	81.6	1062	1037	97.6	1011	95.2	1047	1011	96.6	983	93.9
Monmouthshire LA	1112	1021	91.8	989	88.9	851	76.5	857	77.1	548	501	91.4	488	89.1	564	520	92.2	501	88.8
Newport LA	2058	1930	93.8	1849	89.8	1527	74.2	1515	73.6	991	934	94.2	898	90.6	1066	996	93.4	951	89.2
Torfaen LA	1137	1117	98.2	1083	95.3	905	79.6	911	80.1	548	540	98.5	525	95.8	589	577	98.0	558	94.7
Health Board Total	7141	6814	95.4	6592	92.3	5561	77.9	5565	77.9	3535	3382	95.7	3280	92.8	3605	3432	95.2	3312	91.9
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	784	754	96.2	734	93.6	623	79.5	620	79.1	369	356	96.5	347	94.0	415	398	95.9	387	93.3
Conwy LA	1233	1166	94.6	1137	92.2	957	77.6	963	78.1	606	575	94.9	570	94.1	627	591	94.3	567	90.4
Denbighshire LA	1152	1070	92.9	1049	91.1	873	75.8	879	76.3	550	512	93.1	499	90.7	601	558	92.8	550	91.5
Flintshire LA	1827	1730	94.7	1684	92.2	1538	84.2	1541	84.3	900	845	93.9	827	91.9	927	885	95.5	857	92.4
Gwynedd LA	1302	1260	96.8	1229	94.4	1134	87.1	1127	86.6	637	617	96.9	604	94.8	664	643	96.8	625	94.1
Wrexham LA	1563	1507	96.4	1471	94.1	1245	79.7	1242	79.5	732	713	97.4	695	94.9	831	794	95.5	776	93.4
Health Board Total	7861	7487	95.2	7304	92.9	6370	81.0	6372	81.1	3794	3618	95.4	3542	93.4	4065	3869	95.2	3762	92.5
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4345	4066	93.6	3857	88.8	3208	73.8	3208	73.8	2144	2012	93.8	1902	88.7	2200	2053	93.3	1954	88.8
Vale of Glamorgan LA	1639	1567	95.6	1502	91.6	1303	79.5	1301	79.4	782	751	96.0	724	92.6	857	816	95.2	778	90.8
Health Board Total	5984	5633	94.1	5359	89.6	4511	75.4	4509	75.4	2926	2763	94.4	2626	89.7	3057	2869	93.9	2732	89.4
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1763	1699	96.4	1620	91.9	1552	88.0	1561	88.5	854	825	96.6	790	92.5	909	874	96.1	830	91.3
Merthyr Tydfil LA	721	693	96.1	670	92.9	608	84.3	605	83.9	329	317	96.4	303	92.1	392	376	95.9	367	93.6
Rhondda Cynon Taf LA	2870	2786	97.1	2720	94.8	2509	87.4	2506	87.3	1356	1315	97.0	1285	94.8	1514	1471	97.2	1435	94.8
Health Board Total	5354	5178	96.7	5010	93.6	4669	87.2	4672	87.3	2539	2457	96.8	2378	93.7	2815	2721	96.7	2632	93.5
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2188	2042	93.3	1964	89.8	1880	85.9	1874	85.6	1076	1006	93.5	968	90.0	1112	1036	93.2	996	89.6
Ceredigion LA	680	639	94.0	619	91.0	598	87.9	597	87.8	335	315	94.0	304	90.7	344	324	94.2	315	91.6
Pembrokeshire LA	1369	1267	92.5	1192	87.1	1125	82.2	1121	81.9	683	643	94.1	607	88.9	686	624	91.0	585	85.3
Health Board Total	4237	3948	93.2	3775	89.1	3603	85.0	3592	84.8	2094	1964	93.8	1879	89.7	2142	1984	92.6	1896	88.5
<u>Powys Teaching HB</u>																			
Health Board Total	1387	1295	93.4	1243	89.6	1199	86.4	1215	87.6	674	628	93.2	605	89.8	712	667	93.7	638	89.6
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1641	1599	97.4	1547	94.3	1459	88.9	1463	89.2	807	790	97.9	766	94.9	834	809	97.0	781	93.6
Swansea LA	2766	2607	94.3	2515	90.9	2493	90.1	2495	90.2	1341	1275	95.1	1227	91.5	1425	1332	93.5	1288	90.4
Health Board Total	4407	4206	95.4	4062	92.2	3952	89.7	3958	89.8	2148	2065	96.1	1993	92.8	2259	2141	94.8	2069	91.6
Unknown	69	57	82.6	56	81.2	46	66.7	47	68.1	36	32	88.9	31	86.1	32	25	78.1	25	78.1
Wales Total	36440	34618	95.0	33401	91.7	29911	82.1	29930	82.1	17746	16909	95.3	16334	92.0	18687	17708	94.8	17066	91.3

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 01/10/22 and 31/12/22 and resident on 31/12/22, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		Teenage 3 in 1							Resident girls	MMR1		MMR2		Resident boys	MMR1		MMR2	
											(girls)		(girls)			(boys)		(boys)	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	175	170	97.1	162	92.6	126	72.0	128	73.1	97	93	95.9	89	91.8	78	77	98.7	73	93.6
Caerphilly LA	545	533	97.8	522	95.8	455	83.5	456	83.7	282	275	97.5	268	95.0	263	258	98.1	254	96.6
Monmouthshire LA	300	280	93.3	268	89.3	232	77.3	236	78.7	142	133	93.7	130	91.5	158	147	93.0	138	87.3
Newport LA	492	459	93.3	443	90.0	362	73.6	361	73.4	242	228	94.2	221	91.3	249	231	92.8	222	89.2
Torfaen LA	290	285	98.3	278	95.9	237	81.7	238	82.1	140	138	98.6	135	96.4	150	147	98.0	143	95.3
Health Board Total	1802	1727	95.8	1673	92.8	1412	78.4	1419	78.7	903	867	96.0	843	93.4	898	860	95.8	830	92.4
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	190	183	96.3	174	91.6	150	78.9	151	79.5	85	82	96.5	77	90.6	105	101	96.2	97	92.4
Conwy LA	310	299	96.5	289	93.2	251	81.0	251	81.0	138	135	97.8	132	95.7	172	164	95.3	157	91.3
Denbighshire LA	278	252	90.6	248	89.2	208	74.8	212	76.3	134	123	91.8	121	90.3	143	129	90.2	127	88.8
Flintshire LA	473	448	94.7	429	90.7	408	86.3	407	86.0	240	223	92.9	216	90.0	233	225	96.6	213	91.4
Gwynedd LA	321	315	98.1	311	96.9	295	91.9	290	90.3	163	158	96.9	156	95.7	158	157	99.4	155	98.1
Wrexham LA	375	359	95.7	353	94.1	294	78.4	292	77.9	180	173	96.1	171	95.0	195	186	95.4	182	93.3
Health Board Total	1947	1856	95.3	1804	92.7	1606	82.5	1603	82.3	940	894	95.1	873	92.9	1006	962	95.6	931	92.5
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	1103	1037	94.0	984	89.2	823	74.6	819	74.3	545	513	94.1	486	89.2	558	524	93.9	498	89.2
Vale of Glamorgan LA	389	366	94.1	349	89.7	291	74.8	293	75.3	197	186	94.4	177	89.8	192	180	93.8	172	89.6
Health Board Total	1492	1403	94.0	1333	89.3	1114	74.7	1112	74.5	742	699	94.2	663	89.4	750	704	93.9	670	89.3
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	411	400	97.3	384	93.4	359	87.3	360	87.6	185	179	96.8	171	92.4	226	221	97.8	213	94.2
Merthyr Tydfil LA	171	167	97.7	162	94.7	145	84.8	145	84.8	70	68	97.1	64	91.4	101	99	98.0	98	97.0
Rhondda Cynon Taf LA	719	699	97.2	681	94.7	621	86.4	619	86.1	315	305	96.8	299	94.9	404	394	97.5	382	94.6
Health Board Total	1301	1266	97.3	1227	94.3	1125	86.5	1124	86.4	570	552	96.8	534	93.7	731	714	97.7	693	94.8
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	560	524	93.6	501	89.5	484	86.4	482	86.1	264	250	94.7	239	90.5	296	274	92.6	262	88.5
Ceredigion LA	162	154	95.1	149	92.0	147	90.7	148	91.4	80	75	93.8	72	90.0	81	79	97.5	77	95.1
Pembrokeshire LA	343	316	92.1	299	87.2	280	81.6	280	81.6	182	171	94.0	162	89.0	161	145	90.1	137	85.1
Health Board Total	1065	994	93.3	949	89.1	911	85.5	910	85.4	526	496	94.3	473	89.9	538	498	92.6	476	88.5
<u>Powys Teaching HB</u>																			
Health Board Total	330	317	96.1	301	91.2	302	91.5	304	92.1	162	156	96.3	149	92.0	167	161	96.4	152	91.0
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	393	380	96.7	363	92.4	343	87.3	344	87.5	179	175	97.8	168	93.9	214	205	95.8	195	91.1
Swansea LA	656	619	94.4	592	90.2	588	89.6	592	90.2	308	294	95.5	281	91.2	348	325	93.4	311	89.4
Health Board Total	1049	999	95.2	955	91.0	931	88.8	936	89.2	487	469	96.3	449	92.2	562	530	94.3	506	90.0
Unknown	20	17	85.0	17	85.0	15	75.0	15	75.0	11	11	100.0	11	100.0	8	6	75.0	6	75.0
Wales Total	9006	8579	95.3	8259	91.7	7416	82.3	7423	82.4	4341	4144	95.5	3995	92.0	4660	4435	95.2	4264	91.5

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 01/10/22 and 31/12/22 and resident on 31/12/22.¹

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	198	6	3.0	151	1	0.7	192	6	3.1	175	5	2.9
Caerphilly LA	437	12	2.7	408	14	3.4	519	6	1.2	545	12	2.2
Monmouthshire LA	203	6	3.0	189	6	3.2	198	13	6.6	300	7	2.3
Newport LA	505	58	11.5	432	64	14.8	527	79	15.0	492	57	11.6
Torfaen LA	255	8	3.1	219	7	3.2	288	9	3.1	290	6	2.1
Health Board Total	1598	90	5.6	1399	92	6.6	1724	113	6.6	1802	87	4.8
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	147	0	0.0	127	0	0.0	156	7	4.5	190	7	3.7
Conwy LA	256	6	2.3	236	9	3.8	285	18	6.3	310	22	7.1
Denbighshire LA	219	8	3.7	230	12	5.2	234	7	3.0	278	11	4.0
Flintshire LA	370	23	6.2	339	22	6.5	445	18	4.0	473	17	3.6
Gwynedd LA	268	3	1.1	238	4	1.7	255	7	2.7	321	10	3.1
Wrexham LA	335	22	6.6	320	22	6.9	380	31	8.2	375	32	8.5
Health Board Total	1595	62	3.9	1490	69	4.6	1755	88	5.0	1947	99	5.1
<u>Cardiff and Vale University HB</u>												
Cardiff LA	1019	265	26.0	887	213	24.0	1015	205	20.2	1103	206	18.7
Vale of Glamorgan LA	291	18	6.2	295	20	6.8	364	14	3.8	389	21	5.4
Health Board Total	1310	283	21.6	1182	233	19.7	1379	219	15.9	1492	227	15.2
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	368	15	4.1	311	10	3.2	366	13	3.6	411	15	3.6
Merthyr Tydfil LA	157	7	4.5	157	10	6.4	177	10	5.6	171	4	2.3
Rhondda Cynon Taf LA	594	10	1.7	532	20	3.8	663	35	5.3	719	34	4.7
Health Board Total	1119	32	2.9	1000	40	4.0	1206	58	4.8	1301	53	4.1
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	424	10	2.4	419	4	1.0	461	11	2.4	560	20	3.6
Ceredigion LA	130	5	3.8	135	5	3.7	151	10	6.6	162	6	3.7
Pembrokeshire LA	266	6	2.3	289	3	1.0	290	11	3.8	343	7	2.0
Health Board Total	820	21	2.6	843	12	1.4	902	32	3.5	1065	33	3.1
<u>Powys Teaching Health Board</u>												
Health Board Total	289	6	2.1	264	2	0.8	318	6	1.9	330	7	2.1
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	342	12	3.5	307	5	1.6	390	15	3.8	393	13	3.3
Swansea LA	564	64	11.3	534	60	11.2	649	79	12.2	656	40	6.1
Health Board Total	906	76	8.4	841	65	7.7	1039	94	9.0	1049	53	5.1
Unknown	0	0	0.0	44	8	18.2	27	3	11.1	20	0	0.0
Wales Total	7703	582	7.6	7063	521	7.4	8350	613	7.3	9006	559	6.2

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 01/10/22 and 31/12/22 and resident on 31/12/22, 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	1598	1	100.0	100.0	100.0	1399	0	-	-	-	-	1724	2	100.0	100.0	100.0	100.0
Betsi Cadwaladr UHB	1595	0	-	-	-	1490	1	100.0	100.0	100.0	100.0	1755	2	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1310	2	100.0	100.0	100.0	1182	4	100.0	100.0	100.0	25.0	1379	2	100.0	100.0	100.0	50.0
Cwm Taf Morgannwg UHB	1119	0	-	-	-	1000	0	-	-	-	-	1206	0	-	-	-	-
Hywel Dda UHB	820	2	100.0	100.0	100.0	843	0	-	-	-	-	902	0	-	-	-	-
Powys Teaching HB	289	0	-	-	-	264	0	-	-	-	-	318	0	-	-	-	-
Swansea Bay UHB	906	1	100.0	100.0	100.0	841	0	-	-	-	-	1039	2	100.0	100.0	100.0	100.0
Unknown	66	0	-	-	-	44	0	-	-	-	-	27	0	-	-	-	-
Wales Total	7703	6	100.0	100.0	100.0	7063	5	100.0	100.0	100.0	40.0	8350	8	100.0	100.0	100.0	87.5

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.