

Vaccine Uptake in Children in Wales January to March 2022

COVER 142: Wales May 2022

Key points

- For children at one year of age, uptake of the “6 in 1” was below 95% for the first time since 2008. MenB also did not reach the 95% target. Uptake of pneumococcal conjugate vaccination (PCV) was 96.7%. Uptake of two doses of Rotavirus vaccine was 93.6%.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 93.6% this quarter. Two HBs and five LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 93.9% this quarter. Two HBs and eight LA areas achieved an uptake of 95% or over.
- The proportion of children up to date with all routine immunisations by four years of age was 86.2% this quarter and was 89.8% in five year olds.
- School based vaccination sessions for teenagers are ongoing for the 2021-22 academic year. Uptake of one dose of HPV vaccine in 2021-22 school year 8 children is currently 22.1%. The uptake will increase over the next two quarters as more immunisation sessions take place.
- Coverage of the first dose of HPV vaccine in school year 9 (13-14 year olds) is currently 78.9%. Coverage of the second dose of HPV vaccine in school year 10 (14-15 year olds) is currently 55.1%. These teenagers would have been vaccinated as part of school campaigns in the 2020-21 academic year.
- Uptake of routine MenACWY vaccine in the 2021-22 school year 9 cohort is currently 45.1%. Coverage of the MenACWY vaccine in the 2021-22 school year 10 cohort is 81.0%.
- Uptake of the Td/IPV teenage booster in the 2021-22 school year 9 cohort is currently 45.1%. Coverage of the Td/IPV teenage booster in the 2021-22 school year 10 is 80.9%.
- Coverage of one dose of MMR vaccine in the 2021-22 school year 10 (age 14-15 years) was 95.6%, coverage of two doses was 92.2%.
- Coverage of one dose of MMR vaccine in the 2021-22 school year 11 (age 15-16 years) was 94.9%, coverage of two doses is 91.3%.

Background

These results are for children living in Wales in March 2022 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/01/2022 to 31/03/2022. 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 01/09/2021 and 31/08/2022). 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. MenACWY conjugate vaccine uptake figures for teenagers and young adults born from 01/09/1996 to 31/08/1999, vaccinated as part of the general practice-based catch-up campaign are available from: <http://www.wales.nhs.uk/sitesplus/888/page/88528>

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 94.9% this quarter, compared to 95.9% last quarter. Uptake ranged by HB from 92.4% (Cardiff and Vale) to 96.9% (Cwm Taf Morgannwg) and by LA from 92.0% (Cardiff) to 98.7% (Merthyr Tydfil). Three of the seven HBs and 11 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 96.7% this quarter, compared to 97.4% last quarter. This is the fifth quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 93.8% (Cardiff) to 99.4% (Merthyr Tydfil). Six of the seven HBs and 19 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 94.6% this quarter. Uptake in HBs ranged from 91.1% (Cardiff and Vale) to 97.0% (Cwm Taf Morgannwg) and ranged by LA from 90.9% (Cardiff) to 98.7% (Merthyr Tydfil) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 93.6% this quarter, compared to 94.1% last quarter. Uptake in HBs ranged from 91.0% (Cardiff and Vale) to 96.6% (Cwm Taf Morgannwg) and ranged by LA from 88.0% (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 93.9% this quarter. Uptake ranged by HB from 90.7% (Hywel Dda) to 96.7% (Cwm Taf Morgannwg) and by LA area from 89.4% (Pembrokeshire) to 97.7% (Caerphilly). Two HBs and eight LA areas achieved the target of 95% uptake (Figures 2, 3 and 7, Tables 2 and 4).
6. Uptake of the complete three dose course of MenB vaccine in children reaching their second birthday decreased again this quarter to 93.6% compared to 94.0% last quarter. Uptake ranged by HB from 90.4% (Hywel Dda) to 96.3% (Cwm Taf) and by LA from 89.0% (Pembrokeshire) to 97.5% (Caerphilly). Two of the seven HBs and five 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 decreased again to 93.5% compared to 94.3% last quarter. Uptake ranged by HB from 90.3% (Hywel Dda) to 96.3% (Cwm Taf Morgannwg) and ranged by LA from 89.4% (Pembrokeshire) to 97.5% (Caerphilly). Two HBs and four 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 to 93.4% this quarter compared to 93.8% last quarter. Uptake ranged by HB from 90.3% (Hywel Dda) to 95.9% (Cwm Taf Morgannwg) and ranged by LA from 89.0% (Pembrokeshire) to 97.3% (Caerphilly). 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 87.3%
 - The Hib/MenC booster was 95.3%
 - Two doses of MMR was 87.2%

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 86.2%. This ranged by HB from 83.5% (Cardiff and Vale) to 90.9% (Powys) and by LA from 81.6% (Newport) to 92.1% (Ceredigion) (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 89.8%, an increase compared to 89.0% last quarter. This ranged by HB from 86.5% (Hywel Dda) to 93.3% (Powys) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 96.2%. Coverage of two doses of MMR was 90.8%. Coverage of two doses of MMR ranged by HB from 87.4% (Hywel Dda) to 94.4% (Powys) and by LA from 86.5% (Pembrokeshire) to 94.4% (Powys) (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 to 91.4% this quarter compared to 90.5% last quarter, ranging by HB from 87.7% (Hywel Dda) to 93.7% (Betsi Cadwaladr) and by LA from 86.5% (Pembrokeshire) to 95.4% (Wrexham). One 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 2021-22 school year 8 cohort (turning 13 years of age during 01/09/21 to 31/08/22) is currently 22.1%. This is the third school cohort to include boys eligible for the HPV vaccine (Table 8a) [2]. Vaccination sessions for the 2021-22 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 2021-22 school year 9 cohort is currently 78.9% (82.1% in girls and 75.9% in boys) and uptake of the second dose in this age group is currently 24.6% (25.8% in girls and 23.5% in boys) (Table 8b).
15. Coverage of a complete two dose course of HPV vaccine in the 2021-22 school year 10 cohort (reaching their 15th birthday during 01/09/21 to 31/08/22) is currently 55.1% (Table 9). This is the first school cohort to include boys eligible for the HPV vaccine. Uptake in this cohort would have been affected by paused vaccination sessions in schools following COVID-19 measures.
16. Current uptake of the MenACWY vaccine in the 2021-22 routine school year 9 cohort is 45.1% (Table 10 and 11). Coverage in the 2021-22 school years 10, 11 and 12, is currently 81.0%, 82.7% and 86.4% respectively (Table 10).
17. Uptake of the Td/IPV⁴ teenage booster in the 2021-22 school year 9 (children reaching 14 years of age) is currently 45.1%. Coverage of two doses of MMR in this year group is currently 92.5% and coverage of one dose is 95.4%. Coverage of two doses of MMR vaccine ranged by HB from 89.5% (Powys Teaching) to 94.5% (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 92.8% (Table 11).
18. Coverage of the Td/IPV teenage booster in the 2021-22 school year 10 (children reaching 15 years of age) is currently 80.9%. Coverage ranged by HB from 74.5% (Aneurin Bevan) to 89.0% (Swansea Bay). Coverage of two doses of MMR in this year group was 92.2% and coverage of one dose was 95.6%. Coverage of two doses of MMR vaccine ranged by HB from 89.7% (Hywel Dda) to 93.7% (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 2021-22 school year 11 (children reaching 16 years of age) is currently 82.5%. Coverage ranged by HB from 77.3% (Hywel Dda) to 90.8% (Cwm Taf Morgannwg). Coverage of two doses of MMR in this year group was 91.3% and coverage of one dose was 94.9%. Coverage of two doses of MMR vaccine ranged by HB from 87.1% (Powys Teaching) to 92.9% (Betsi Cadwaladr). 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).

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

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

20. Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st January 2022 and 31st March 2022) was 91.6%, whilst coverage of one dose of MMR was 95.1%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls was 92.2%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 82.1% (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 6.8%, 7.0%, 5.2% and 7.0% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter one of 2022. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (20.2%), two years of age (20.4%) and sixteen years of age (22.6%). Swansea LA had the highest proportion of children vaccinated by five years of age (14.9%).⁵
22. Uptake data for hepatitis B immunisation in children who were at risk of perinatal infection, extracted from the Public Health Wales All Wales Neonatal Hepatitis B Immunisation Database, is presented in Table 16. This quarter uptake of three doses of hepatitis B vaccine at their first birthday was 100.0%, uptake of four doses⁶ at their second birthday was 50.0% and uptake of four doses at their fifth birthday was 66.7%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

⁵ BCG protects against tuberculosis infection. Numbers of eligible children for BCG are not known.

⁶ Uptake of the fourth dose refers to uptake of the monovalent hepatitis B vaccine due at one year of age. Two year olds in this report were eligible for the "6 in 1" vaccine that replaced the "5 in 1" vaccine in August 2017. These children would have received two doses of monovalent hepatitis B vaccine followed by three doses of DTaP/IPV/Hib/HepB and one dose of monovalent vaccine at one year of age to ensure protection against Hepatitis B infection.

Comment

This is the sixth quarterly COVER report containing vaccination uptake for infants and younger children who would have been due their vaccinations since social restrictions around the COVID-19 pandemic were first in place in March 2020; and may have experienced varying levels of disruption accordingly. Overall, coverage of routine vaccinations in the youngest children in Wales remains high, whereas as uptake of vaccinations in older children is more varied.

For the January to March 2022 quarter, uptake of the complete three-dose course of “6 in 1” vaccine by the first birthday decreased to 94.9% this quarter. MenB uptake also decreased, to 94.6%. Uptake of PCV in infants aged one this quarter also decreased but it remained above 95%. Vaccine coverage in children at 2 years of age has decreased again this quarter for all immunisations reported on at this age. Although uptake of the first MMR dose by two years of age remains close to 95%, it is now at the lowest reported since 2011.

The proportion of children who were up to date with their routine immunisations by four years decreased slightly this quarter, with coverage varying by health board. Uptake of two doses of MMR vaccine remains the lowest of all vaccinations included in this composite measure.

School immunisation sessions for older children were suspended after the closure of schools on 20 March 2020, affecting routine Td/IPV, MenACWY and HPV vaccination, and opportunistic MMR catch-up. A phased return to schools began on 29 June 2020, with full reopening on 1 September 2020. All secondary schools and colleges moved to online learning from the 14th December 2020. Wales entered alert level 4 and a second full lockdown on the 20th December 2020 [3]. A phased return to school began on 22nd February 2021 with younger children returning first and a full reopening of all schools from 12th April 2021.

Teenage 3 in 1 booster and MenACWY vaccination sessions for the 2021-22 School Year 9 are currently ongoing and coverage in this cohort will increase over the next two quarters. Catch-up of these immunisations due in the 2020-21 School Year 9 cohort is ongoing and is currently 81% for the teenage 3 in 1 booster and MenACWY vaccinations, compared to 79% and 80% reported last quarter [4].

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 the 2019-20 school year 8 children (2021-22 school year 10), the first cohort to include routine HPV vaccination for boys, increased to 55% compared to 42% reported last quarter. MMR coverage in teenagers remains stable.

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

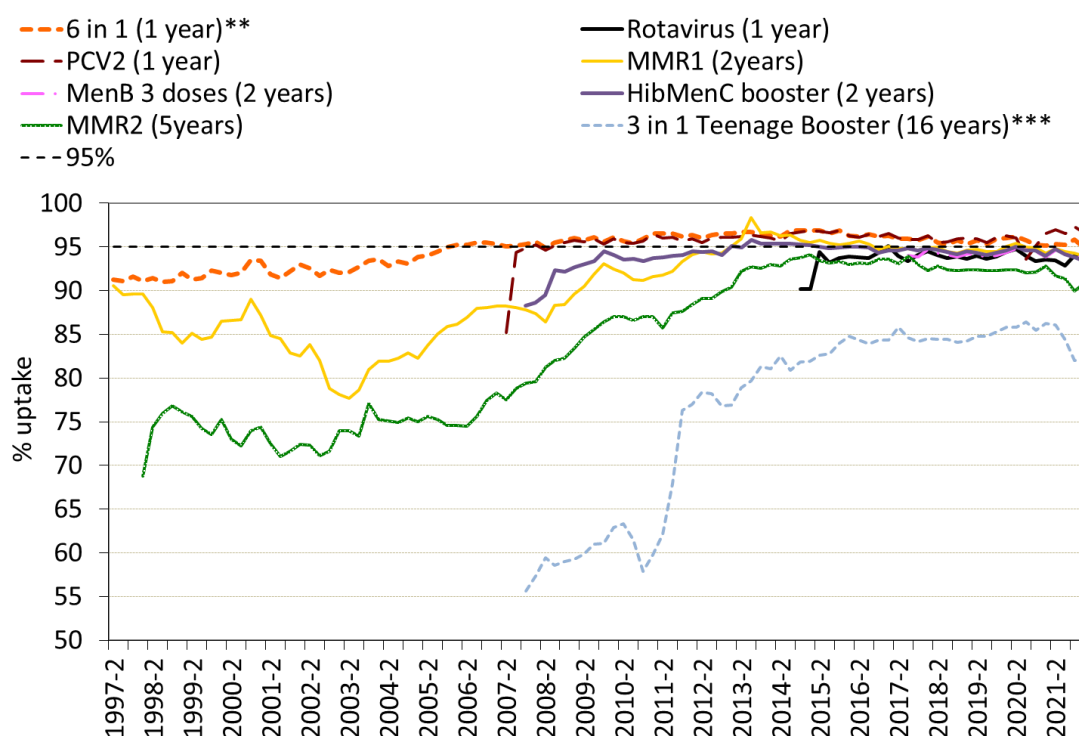
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
2. Welsh Health Circular- Changes to 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. Institute for Government. Coronavirus lockdown rules in each part of the UK, May 2021. <https://www.instituteforgovernment.org.uk/explainers/coronavirus-lockdown-rules-four-nations-uk>
4. Public Health Wales Health Protection Division. Vaccine uptake in Children in Wales, October to December 2021: COVER report 141, February 2022. Cardiff, Public Health Wales. [Cover report Feb 2022 \(wales.nhs.uk\)](#)

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 1 2022*.

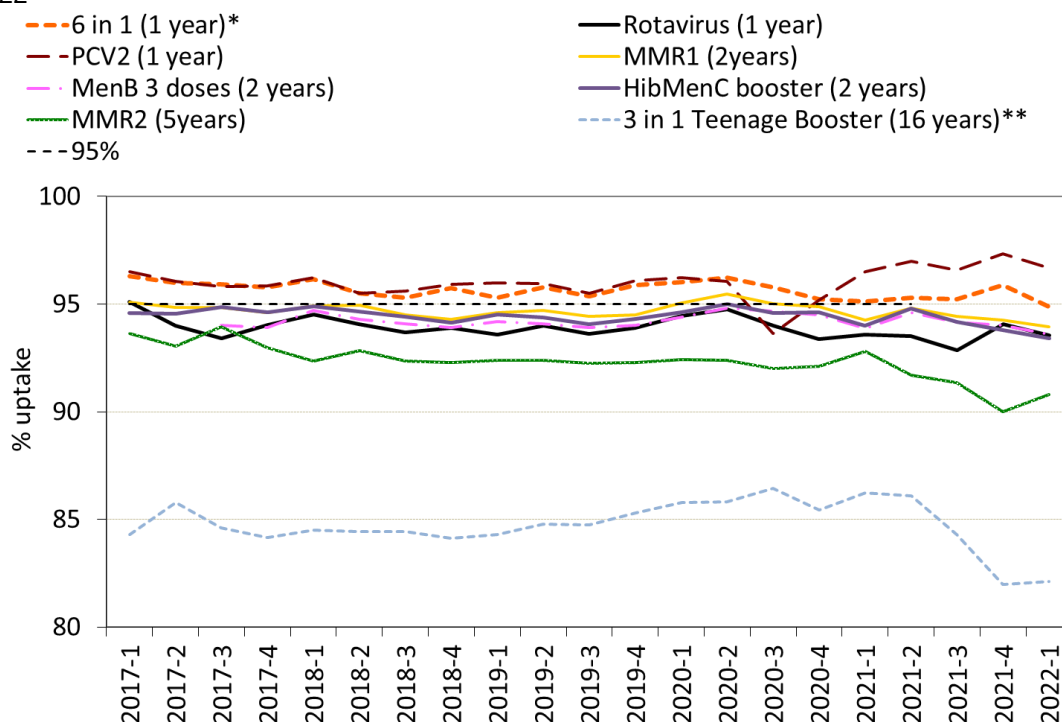


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**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 1 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 01/01/22 and 31/03/22 and resident on 31/03/22.

All Wales Summary - COVER 142

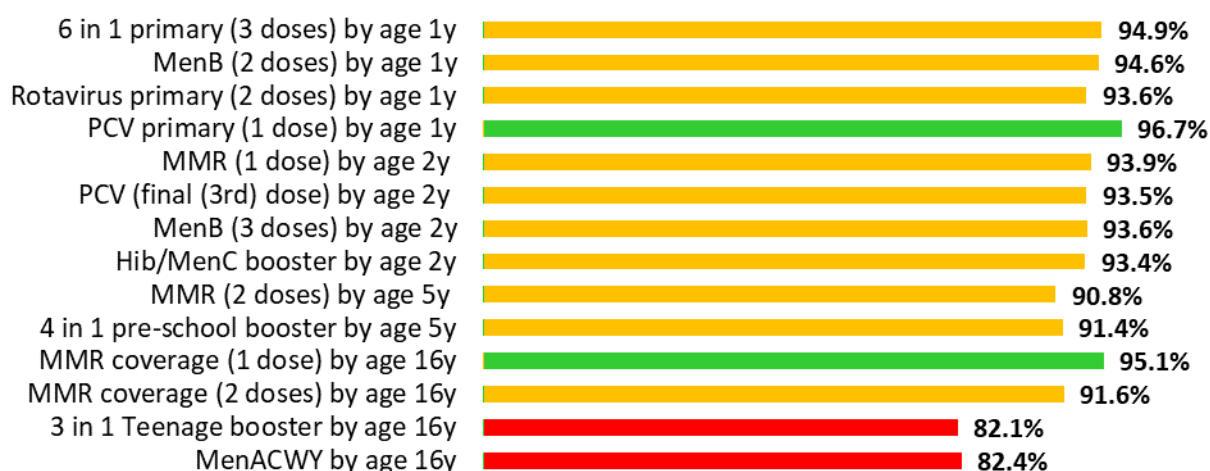


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/01/22 and 31/03/22 and are up to date with all scheduled vaccines⁷ by health board.

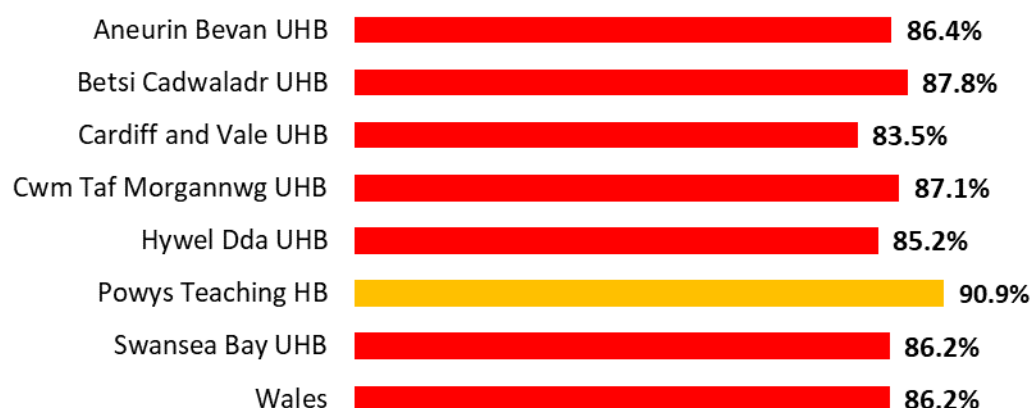


Table 1. Percentages of resident children reaching their 4th birthday during quarter 1 2021 to quarter 1 2022 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2021-1	2021-2	2021-3	2021-4	2022-1
Aneurin Bevan UHB	88.6	87.4	87.2	86.8	86.4
Betsi Cadwaladr UHB	90.3	89.2	88.0	90.1	87.8
Cardiff and Vale UHB	86.2	85.1	84.9	85.3	83.5
Cwm Taf Morgannwg UHB	90.4	88.9	90.3	90.0	87.1
Hywel Dda UHB	85.4	87.0	86.7	88.3	85.2
Powys Teaching HB	92.9	91.9	89.7	87.4	90.9
Swansea Bay UHB	86.3	88.0	87.6	86.6	86.2
Wales	88.3	87.8	87.5	87.9	86.2

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 1 2022, who are up to date with all scheduled vaccines⁷, by health board.

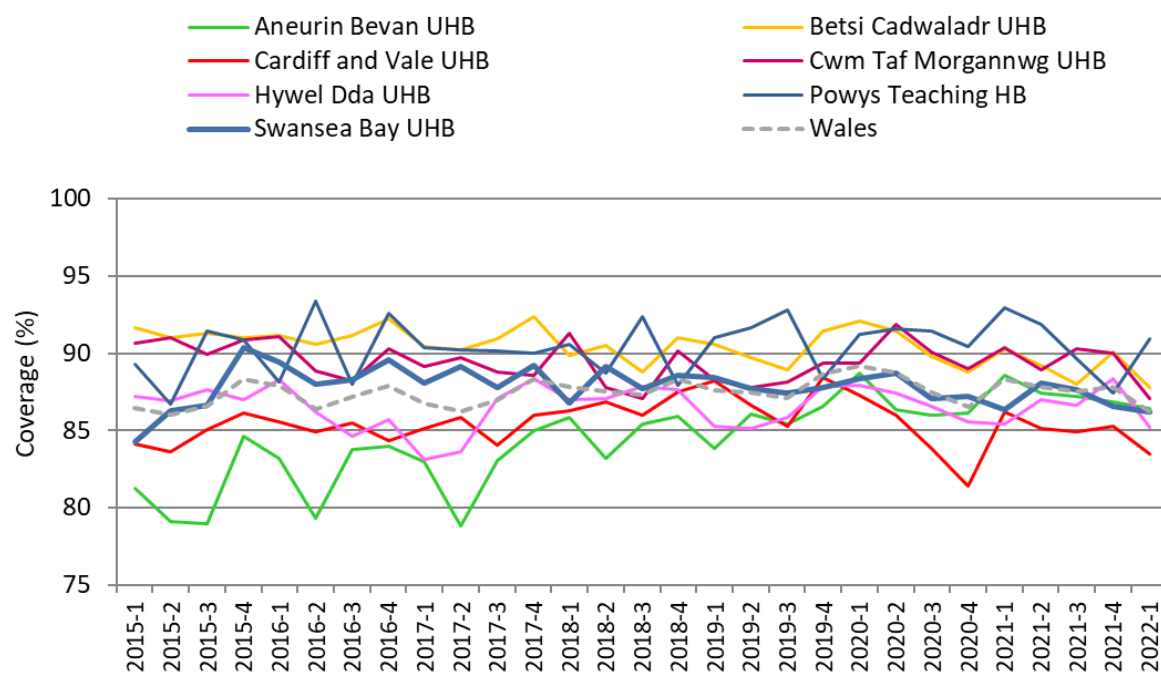


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/01/22 and 31/03/22.

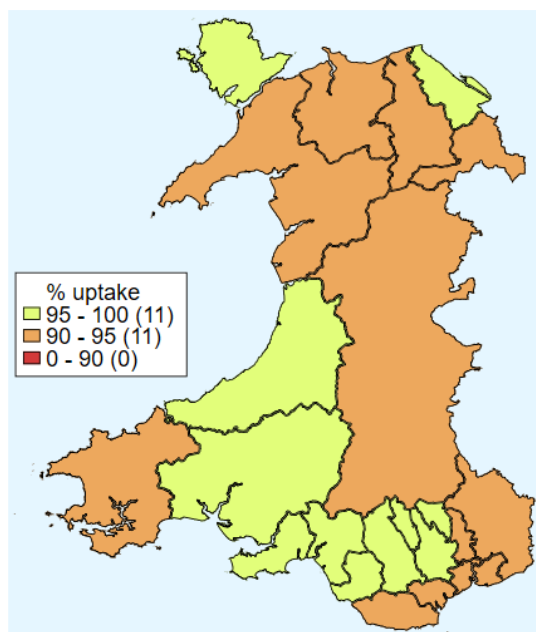


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/01/22 and 31/03/22.

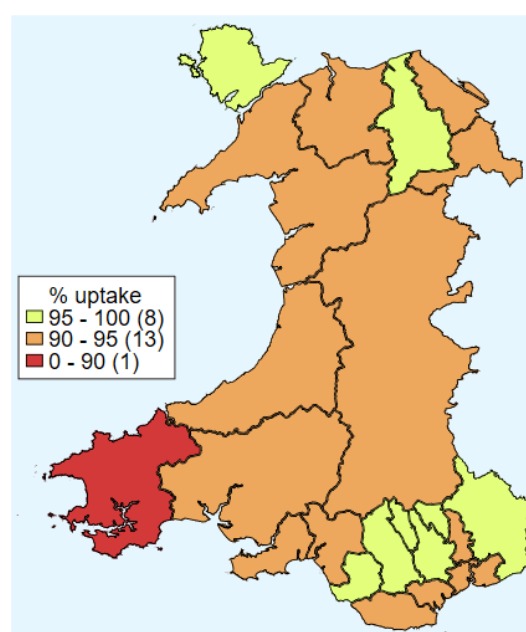


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/01/22 and 31/03/22.

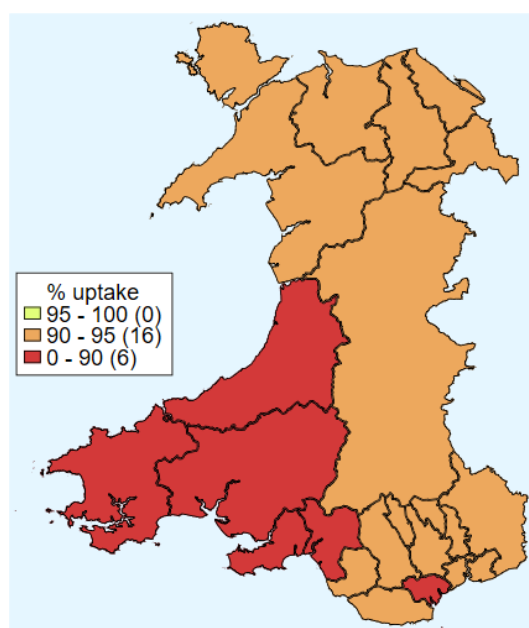


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/01/22 and 31/03/22.

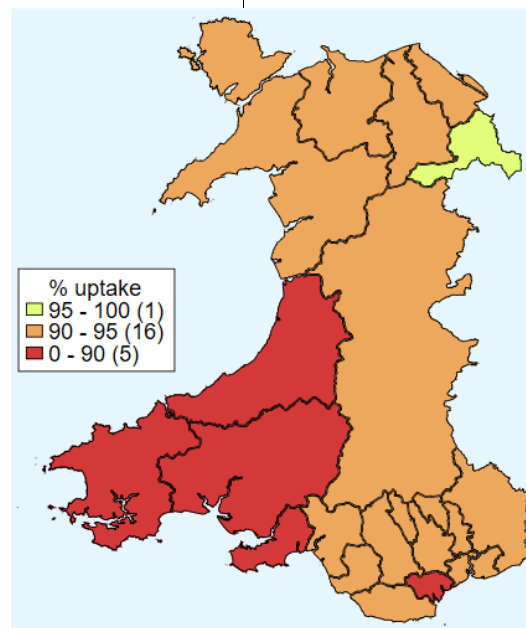


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/01/22 and 31/03/22 and resident on 31/03/22.

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	145	97.9	97.9	98.6	95.9	178	95.5	94.4	94.9	93.8	179	83.8	158	91.1	91.8	200	96.5	94.5	83.5	83.5
Caerphilly LA	364	97.5	97.5	98.4	97.0	438	97.7	97.5	97.5	97.3	475	91.4	457	91.9	92.3	516	97.5	94.2	83.7	82.8
Monmouthshire LA	183	94.5	94.5	97.3	94.5	189	96.3	96.8	96.8	95.8	209	89.5	187	93.6	94.7	265	89.4	85.7	74.7	74.7
Newport LA	422	93.6	93.1	96.2	91.2	411	93.7	93.4	93.4	93.7	485	81.6	507	90.3	91.5	494	94.9	91.3	78.7	78.3
Torfaen LA	213	94.4	95.3	96.2	92.0	224	92.4	92.9	92.4	91.5	233	85.4	266	94.0	94.0	273	97.1	93.0	78.4	77.7
Health Board Total	1327	95.4	95.4	97.2	93.9	1440	95.3	95.1	95.1	94.7	1581	86.4	1575	91.9	92.6	1748	95.4	91.9	80.1	79.6
Betsi Cadwaladr UHB																				
Anglesey LA	140	97.1	97.1	97.9	97.1	129	95.3	93.8	95.3	95.3	188	92.0	171	93.6	94.2	175	97.1	95.4	79.4	81.1
Conwy LA	208	94.7	95.2	96.6	94.2	237	94.5	94.1	94.1	94.1	242	81.8	268	91.0	91.4	295	91.9	90.2	84.4	84.1
Denbighshire LA	216	92.6	91.7	94.9	88.0	221	95.0	93.2	94.1	93.7	250	88.0	256	91.4	92.2	274	96.0	92.7	75.9	75.5
Flintshire LA	351	95.7	95.7	97.7	93.4	330	94.2	94.5	94.5	94.5	358	89.1	392	93.4	94.4	398	95.5	91.2	73.6	74.1
Gwynedd LA	249	93.2	92.0	96.4	92.0	278	94.2	93.9	94.6	94.6	299	90.6	293	93.5	93.9	323	96.6	95.0	86.4	86.1
Wrexham LA	306	94.8	94.1	97.1	91.2	328	94.2	94.2	93.6	93.6	343	85.7	348	94.0	95.4	400	96.5	94.0	75.0	73.0
Health Board Total	1470	94.6	94.2	96.8	92.4	1523	94.5	94.0	94.3	94.2	1680	87.8	1728	92.9	93.7	1865	95.5	92.9	78.7	78.4
Cardiff and Vale UHB																				
Cardiff LA	866	92.0	90.9	93.8	89.8	958	90.5	89.5	89.5	89.6	962	81.9	971	87.6	88.3	1029	94.3	88.3	79.7	80.0
Vale of Glamorgan LA	290	93.4	91.7	96.6	94.5	308	94.5	94.5	94.5	94.5	345	87.8	405	92.8	92.8	396	94.2	90.2	87.1	86.4
Health Board Total	1156	92.4	91.1	94.5	91.0	1266	91.5	90.7	90.7	90.8	1307	83.5	1376	89.2	89.6	1425	94.2	88.8	81.8	81.8
Cwm Taf Morgannwg UHB																				
Bridgend LA	314	96.2	96.8	97.8	96.5	322	97.2	97.2	96.9	95.7	380	88.9	397	92.9	93.7	395	98.2	93.9	91.6	91.4
Merthyr Tydfil LA	154	98.7	98.7	99.4	98.7	154	95.5	94.2	93.5	94.8	173	82.7	168	91.7	92.3	156	94.2	91.7	83.3	84.0
Rhondda Cynon Taf LA	529	96.8	96.6	98.3	96.0	601	96.7	96.3	96.7	96.3	600	87.2	618	92.2	92.7	656	95.9	93.8	92.1	91.9
Health Board Total	997	96.9	97.0	98.3	96.6	1077	96.7	96.3	96.3	95.9	1153	87.1	1183	92.4	93.0	1207	96.4	93.5	90.8	90.7
Hywel Dda UHB																				
Carmarthenshire LA	357	95.2	95.2	96.9	94.1	407	91.2	90.4	90.9	90.7	479	83.3	449	88.0	88.9	503	93.8	91.5	84.3	84.3
Ceredigion LA	128	97.7	98.4	98.4	96.9	126	92.1	92.1	92.1	92.1	151	92.1	153	87.6	86.9	139	95.0	89.2	88.5	87.1
Pembrokeshire LA	221	92.8	92.8	94.6	90.5	273	89.4	89.4	89.0	89.0	297	84.8	318	86.5	86.5	318	94.7	91.8	55.7	56.6
Health Board Total	706	94.9	95.0	96.5	93.5	806	90.7	90.3	90.4	90.3	927	85.2	920	87.4	87.7	960	94.3	91.3	75.4	75.5
Powys Teaching UHB																				
Health Board Total	257	93.8	94.6	95.7	93.8	252	94.0	94.8	94.4	92.9	276	90.9	268	94.4	93.7	330	93.3	89.4	84.5	83.6
Swansea Bay UHB																				
Neath Port Talbot LA	312	96.2	96.5	97.4	95.8	326	94.5	93.9	94.2	93.6	384	85.9	352	88.4	90.1	393	96.2	92.6	89.8	89.3
Swansea LA	466	95.7	95.3	97.0	94.6	499	93.6	92.6	92.8	93.2	603	86.4	583	87.8	88.7	665	93.8	90.1	90.1	89.2
Health Board Total	778	95.9	95.8	97.2	95.1	825	93.9	93.1	93.3	93.3	987	86.2	935	88.0	89.2	1058	94.7	91.0	90.0	89.2
Unknown	21	95.2	95.2	95.2	95.2	17	100.0	100.0	100.0	100.0	23	65.2	17	88.2	88.2	17	88.2	82.4	76.5	70.6
Wales Total	6712	94.9	94.6	96.7	93.6	7206	93.9	93.5	93.6	93.4	7934	86.2	8002	90.8	91.4	8610	95.1	91.6	82.4	82.1

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 01/01/22 and 31/03/22 and resident on 31/03/22.

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	145	142	97.9	142	97.9	142	97.9	142	97.9	142	97.9	142	97.9
Caerphilly LA	364	355	97.5	355	97.5	355	97.5	355	97.5	355	97.5	355	97.5
Monmouthshire LA	183	173	94.5	173	94.5	173	94.5	173	94.5	172	94.0	2	1.1
Newport LA	422	395	93.6	395	93.6	395	93.6	395	93.6	395	93.6	4	0.9
Torfaen LA	213	201	94.4	201	94.4	201	94.4	201	94.4	201	94.4	0	0.0
Health Board Total	1327	1266	95.4	1266	95.4	1266	95.4	1266	95.4	1265	95.3	6	0.5
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	140	136	97.1	136	97.1	136	97.1	136	97.1	136	97.1	136	97.1
Conwy LA	208	197	94.7	197	94.7	197	94.7	197	94.7	197	94.7	0	0.0
Denbighshire LA	216	200	92.6	200	92.6	200	92.6	200	92.6	200	92.6	0	0.0
Flintshire LA	351	336	95.7	336	95.7	336	95.7	336	95.7	336	95.7	2	0.6
Gwynedd LA	249	232	93.2	232	93.2	232	93.2	232	93.2	233	93.6	0	0.0
Wrexham LA	306	290	94.8	290	94.8	290	94.8	290	94.8	290	94.8	3	1.0
Health Board Total	1470	1391	94.6	1391	94.6	1391	94.6	1391	94.6	1392	94.7	5	0.3
<u>Cardiff and Vale University HB</u>													
Cardiff LA	866	797	92.0	797	92.0	797	92.0	797	92.0	797	92.0	798	92.1
Vale of Glamorgan LA	290	271	93.4	271	93.4	271	93.4	271	93.4	271	93.4	3	1.0
Health Board Total	1156	1068	92.4	1068	92.4	1068	92.4	1068	92.4	1068	92.4	1069	92.5
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	314	302	96.2	302	96.2	302	96.2	302	96.2	302	96.2	302	96.2
Merthyr Tydfil LA	154	152	98.7	152	98.7	152	98.7	152	98.7	152	98.7	153	99.4
Rhondda Cynon Taf LA	529	512	96.8	512	96.8	512	96.8	512	96.8	512	96.8	512	96.8
Health Board Total	997	966	96.9	966	96.9	966	96.9	966	96.9	966	96.9	967	97.0
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	357	340	95.2	340	95.2	340	95.2	340	95.2	340	95.2	340	95.2
Ceredigion LA	128	125	97.7	125	97.7	125	97.7	125	97.7	125	97.7	125	97.7
Pembrokeshire LA	221	205	92.8	205	92.8	205	92.8	205	92.8	205	92.8	205	92.8
Health Board Total	706	670	94.9	670	94.9	670	94.9	670	94.9	670	94.9	670	94.9
<u>Powys Teaching HB</u>													
Health Board Total	257	241	93.8	241	93.8	241	93.8	241	93.8	241	93.8	2	0.8
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	312	300	96.2	300	96.2	300	96.2	300	96.2	300	96.2	300	96.2
Swansea LA	466	446	95.7	446	95.7	446	95.7	446	95.7	446	95.7	446	95.7
Health Board Total	778	746	95.9	746	95.9	746	95.9	746	95.9	746	95.9	746	95.9
Unknown	21	20	95.2	20	95.2	20	95.2	20	95.2	20	95.2	20	95.2
Wales Total	6712	6368	94.9	6368	94.9	6368	94.9	6368	94.9	6368	94.9	6370	94.9

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 01/01/22 and 31/03/22 and resident on 31/03/22.

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)	(%)
Aneurin Bevan University HB																							
Blaenau Gwent LA	178	171	96.1	171	96.1	171	96.1	171	96.1	171	96.1	171	96.1	170	95.5	171	96.1	168	94.4	169	94.9	167	93.8
Caerphilly LA	438	431	98.4	431	98.4	431	98.4	431	98.4	431	98.4	431	98.4	428	97.7	433	98.9	427	97.5	427	97.5	426	97.3
Monmouthshire LA	189	185	97.9	185	97.9	185	97.9	185	97.9	185	97.9	185	97.9	182	96.3	183	96.8	183	96.8	183	96.8	181	95.8
Newport LA	411	393	95.6	393	95.6	393	95.6	393	95.6	392	95.4	393	95.6	385	93.7	391	95.1	384	93.4	384	93.4	385	93.7
Torfaen LA	224	208	92.9	208	92.9	208	92.9	208	92.9	208	92.9	208	92.9	207	92.4	210	93.8	208	92.9	207	92.4	205	91.5
Health Board Total	1440	1388	96.4	1388	96.4	1388	96.4	1388	96.4	1387	96.3	1388	96.4	1372	95.3	1388	96.4	1370	95.1	1370	95.1	1364	94.7
Betsi Cadwaladr University HB																							
Anglesey LA	129	126	97.7	126	97.7	126	97.7	126	97.7	126	97.7	126	97.7	123	95.3	122	94.6	121	93.8	123	95.3	123	95.3
Conwy LA	237	230	97.0	230	97.0	230	97.0	230	97.0	230	97.0	230	97.0	224	94.5	231	97.5	223	94.1	223	94.1	223	94.1
Denbighshire LA	221	215	97.3	215	97.3	215	97.3	215	97.3	215	97.3	214	96.8	210	95.0	212	95.9	206	93.2	208	94.1	207	93.7
Flintshire LA	330	320	97.0	320	97.0	320	97.0	320	97.0	320	97.0	319	96.7	311	94.2	318	96.4	312	94.5	312	94.5	312	94.5
Gwynedd LA	278	268	96.4	268	96.4	268	96.4	268	96.4	268	96.4	268	96.4	262	94.2	268	96.4	261	93.9	263	94.6	263	94.6
Wrexham LA	328	316	96.3	316	96.3	316	96.3	316	96.3	316	96.3	316	96.3	309	94.2	316	96.3	309	94.2	307	93.6	307	93.6
Health Board Total	1523	1475	96.8	1475	96.8	1475	96.8	1475	96.8	1475	96.8	1473	96.7	1439	94.5	1467	96.3	1432	94.0	1436	94.3	1435	94.2
Cardiff and Vale University HB																							
Cardiff LA	958	894	93.3	894	93.3	894	93.3	894	93.3	894	93.3	893	93.2	867	90.5	900	93.9	857	89.5	857	89.5	858	89.6
Vale of Glamorgan LA	308	295	95.8	295	95.8	295	95.8	295	95.8	295	95.8	295	95.8	291	94.5	293	95.1	291	94.5	291	94.5	291	94.5
Health Board Total	1266	1189	93.9	1189	93.9	1189	93.9	1189	93.9	1189	93.9	1188	93.8	1158	91.5	1193	94.2	1148	90.7	1148	90.7	1149	90.8
Cwm Taf Morgannwg University HB																							
Bridgend LA	322	317	98.4	317	98.4	317	98.4	317	98.4	317	98.4	317	98.4	313	97.2	316	98.1	313	97.2	312	96.9	308	95.7
Merthyr Tydfil LA	154	149	96.8	149	96.8	149	96.8	149	96.8	149	96.8	149	96.8	147	95.5	148	96.1	145	94.2	144	93.5	146	94.8
Rhondda Cynon Taf LA	601	586	97.5	586	97.5	586	97.5	586	97.5	586	97.5	586	97.5	581	96.7	586	97.5	579	96.3	581	96.7	579	96.3
Health Board Total	1077	1052	97.7	1052	97.7	1052	97.7	1052	97.7	1052	97.7	1052	97.7	1041	96.7	1050	97.5	1037	96.3	1037	96.3	1033	95.9
Hywel Dda University HB																							
Carmarthenshire LA	407	380	93.4	380	93.4	380	93.4	380	93.4	380	93.4	380	93.4	371	91.2	379	93.1	368	90.4	370	90.9	369	90.7
Ceredigion LA	126	118	93.7	118	93.7	118	93.7	118	93.7	118	93.7	118	93.7	116	92.1	119	94.4	116	92.1	116	92.1	116	92.1
Pembrokeshire LA	273	252	92.3	252	92.3	252	92.3	252	92.3	252	92.3	253	92.7	244	89.4	254	93.0	244	89.4	243	89.0	243	89.0
Health Board Total	806	750	93.1	750	93.1	750	93.1	750	93.1	750	93.1	751	93.2	731	90.7	752	93.3	728	90.3	729	90.4	728	90.3
Powys Teaching HB																							
Health Board Total	252	245	97.2	245	97.2	245	97.2	245	97.2	245	97.2	244	96.8	237	94.0	249	98.8	239	94.8	238	94.4	234	92.9
Swansea Bay University HB																							
Neath Port Talbot LA	326	311	95.4	311	95.4	311	95.4	311	95.4	311	95.4	311	95.4	308	94.5	314	96.3	306	93.9	307	94.2	305	93.6
Swansea LA	499	478	95.8	478	95.8	478	95.8	479	96.0	478	95.8	478	95.8	467	93.6	476	95.4	462	92.6	463	92.8	465	93.2
Health Board Total	825	789	95.6	789	95.6	789	95.6	790	95.8	789	95.6	789	95.6	775	93.9	790	95.8	768	93.1	770	93.3	770	93.3
Unknown	17	17	100.0	17	100.0	17	100.0	17	100.0	17	100.0	17	100.0	17	100.0	17	100.0	17	100.0	17	100.0	17	100.0
Wales Total	7206	6905	95.8	6905	95.8	6905	95.8	6906	95.8	6904	95.8	6902	95.8	6770	93.9	6906	95.8	6739	93.5	6745	93.6	6730	93.4

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 01/01/22 and 31/03/22 and resident on 31/03/22. 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	179	150	83.8	174	97.2	151	84.4	150	83.8
Caerphilly LA	475	437	92.0	461	97.1	438	92.2	434	91.4
Monmouthshire LA	209	190	90.9	200	95.7	191	91.4	187	89.5
Newport LA	485	406	83.7	447	92.2	404	83.3	396	81.6
Torfaen LA	233	200	85.8	224	96.1	199	85.4	199	85.4
Health Board Total	1581	1383	87.5	1506	95.3	1383	87.5	1366	86.4
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	188	173	92.0	182	96.8	174	92.6	173	92.0
Conwy LA	242	202	83.5	232	95.9	202	83.5	198	81.8
Denbighshire LA	250	223	89.2	238	95.2	221	88.4	220	88.0
Flintshire LA	358	325	90.8	349	97.5	320	89.4	319	89.1
Gwynedd LA	299	274	91.6	289	96.7	273	91.3	271	90.6
Wrexham LA	343	298	86.9	329	95.9	298	86.9	294	85.7
Health Board Total	1680	1495	89.0	1619	96.4	1488	88.6	1475	87.8
<u>Cardiff and Vale University HB</u>									
Cardiff LA	962	802	83.4	895	93.0	803	83.5	788	81.9
Vale of Glamorgan LA	345	304	88.1	332	96.2	306	88.7	303	87.8
Health Board Total	1307	1106	84.6	1227	93.9	1109	84.9	1091	83.5
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	380	344	90.5	365	96.1	342	90.0	338	88.9
Merthyr Tydfil LA	173	147	85.0	161	93.1	146	84.4	143	82.7
Rhondda Cynon Taf LA	600	527	87.8	578	96.3	527	87.8	523	87.2
Health Board Total	1153	1018	88.3	1104	95.8	1015	88.0	1004	87.1
<u>Hywel Dda University HB</u>									
Cardmarthenshire LA	479	401	83.7	449	93.7	403	84.1	399	83.3
Ceredigion LA	151	139	92.1	145	96.0	140	92.7	139	92.1
Pembrokeshire LA	297	256	86.2	274	92.3	257	86.5	252	84.8
Health Board Total	927	796	85.9	868	93.6	800	86.3	790	85.2
<u>Powys Teaching HB</u>									
Health Board Total	276	255	92.4	268	97.1	252	91.3	251	90.9
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	384	333	86.7	375	97.7	330	85.9	330	85.9
Swansea LA	603	524	86.9	572	94.9	525	87.1	521	86.4
Health Board Total	987	857	86.8	947	95.9	855	86.6	851	86.2
Unknown	23	15	65.2	23	100.0	15	65.2	15	65.2
Wales Total	7934	6925	87.3	7562	95.3	6917	87.2	6843	86.2

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 01/01/22 and 31/03/22 and resident on 31/03/22. 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	
Aneurin Bevan University HB	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	158	145	91.8	154	97.5	144	91.1	142	89.9
Caerphilly LA	457	422	92.3	441	96.5	420	91.9	418	91.5
Monmouthshire LA	187	177	94.7	180	96.3	175	93.6	175	93.6
Newport LA	507	464	91.5	470	92.7	458	90.3	445	87.8
Torfaen LA	266	250	94.0	254	95.5	250	94.0	248	93.2
Health Board Total	1575	1458	92.6	1499	95.2	1447	91.9	1428	90.7
Betsi Cadwaladr University HB									
Anglesey LA	171	161	94.2	170	99.4	160	93.6	160	93.6
Conwy LA	268	245	91.4	255	95.1	244	91.0	241	89.9
Denbighshire LA	256	236	92.2	244	95.3	234	91.4	233	91.0
Flintshire LA	392	370	94.4	378	96.4	366	93.4	362	92.3
Gwynedd LA	293	275	93.9	282	96.2	274	93.5	272	92.8
Wrexham LA	348	332	95.4	339	97.4	327	94.0	325	93.4
Health Board Total	1728	1619	93.7	1668	96.5	1605	92.9	1593	92.2
Cardiff and Vale University HB									
Cardiff LA	971	857	88.3	895	92.2	851	87.6	830	85.5
Vale of Glamorgan LA	405	376	92.8	389	96.0	376	92.8	370	91.4
Health Board Total	1376	1233	89.6	1284	93.3	1227	89.2	1200	87.2
Cwm Taf Morgannwg University HB									
Bridgend LA	397	372	93.7	385	97.0	369	92.9	366	92.2
Merthyr Tydfil LA	168	155	92.3	162	96.4	154	91.7	153	91.1
Rhondda Cynon Taf LA	618	573	92.7	599	96.9	570	92.2	567	91.7
Health Board Total	1183	1100	93.0	1146	96.9	1093	92.4	1086	91.8
Hywel Dda University HB									
Carmarthenshire LA	449	399	88.9	423	94.2	395	88.0	392	87.3
Ceredigion LA	153	133	86.9	142	92.8	134	87.6	132	86.3
Pembrokeshire LA	318	275	86.5	294	92.5	275	86.5	272	85.5
Health Board Total	920	807	87.7	859	93.4	804	87.4	796	86.5
Powys Teaching HB									
Health Board Total	268	251	93.7	254	94.8	253	94.4	250	93.3
Swansea Bay University HB									
Neath Port Talbot LA	352	317	90.1	342	97.2	311	88.4	311	88.4
Swansea LA	583	517	88.7	545	93.5	512	87.8	509	87.3
Health Board Total	935	834	89.2	887	94.9	823	88.0	820	87.7
Unknown	17	15	88.2	16	94.1	15	88.2	15	88.2
Wales Total	8002	7317	91.4	7613	95.1	7267	90.8	7188	89.8

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 01/01/22 and 31/03/22 and resident on 31/03/22.

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	158	158	100.0	158	100.0	158	100.0	158	100.0	158	100.0	0	0.0	154	97.5	154	97.5	154	97.5	144	91.1	145	91.8	145	91.8	145	91.8	145	91.8
Caerphilly LA	457	447	97.8	447	97.8	447	97.8	447	97.8	447	97.8	0	0.0	441	96.5	441	96.5	443	96.9	420	91.9	422	92.3	422	92.3	422	92.3	422	92.3
Monmouthshire LA	187	181	96.8	181	96.8	181	96.8	181	96.8	181	96.8	2	1.1	180	96.3	180	96.3	180	96.3	175	93.6	177	94.7	177	94.7	177	94.7	177	94.7
Newport LA	507	482	95.1	483	95.3	482	95.1	483	95.3	483	95.3	2	0.4	467	92.1	470	92.7	484	95.5	458	90.3	464	91.5	464	91.5	464	91.5	464	91.5
Torfaen LA	266	261	98.1	261	98.1	261	98.1	261	98.1	261	98.1	0	0.0	252	94.7	254	95.5	256	96.2	250	94.0	250	94.0	250	94.0	250	94.0	250	94.0
Health Board Total	1575	1529	97.1	1530	97.1	1529	97.1	1530	97.1	1530	97.1	4	0.3	1494	94.9	1499	95.2	1517	96.3	1447	91.9	1458	92.6	1458	92.6	1458	92.6	1458	92.6
<u>Betsi Cadwaladr University HB</u>																													
Anglesey LA	171	170	99.4	170	99.4	170	99.4	170	99.4	170	99.4	0	0.0	168	98.2	170	99.4	171	100.0	160	93.6	161	94.2	161	94.2	161	94.2	160	93.6
Conwy LA	268	260	97.0	260	97.0	260	97.0	260	97.0	260	97.0	2	0.7	249	92.9	255	95.1	253	94.4	244	91.0	245	91.4	245	91.4	245	91.4	245	91.4
Denbighshire LA	256	246	96.1	246	96.1	246	96.1	246	96.1	246	96.1	0	0.0	242	94.5	244	95.3	246	96.1	234	91.4	236	92.2	236	92.2	236	92.2	236	92.2
Flintshire LA	392	379	96.7	379	96.7	379	96.7	379	96.7	379	96.7	1	0.3	375	95.7	378	96.4	381	97.2	366	93.4	370	94.4	370	94.4	370	94.4	370	94.4
Gwynedd LA	293	283	96.6	283	96.6	283	96.6	283	96.6	283	96.6	0	0.0	278	94.9	282	96.2	283	96.6	274	93.5	275	93.9	275	93.9	275	93.9	275	93.9
Wrexham LA	348	346	99.4	346	99.4	346	99.4	345	99.1	346	99.4	0	0.0	335	96.3	339	97.4	343	98.6	327	94.0	332	95.4	332	95.4	332	95.4	332	95.4
Health Board Total	1728	1684	97.5	1684	97.5	1684	97.5	1683	97.4	1684	97.5	3	0.2	1647	95.3	1668	96.5	1677	97.0	1605	92.9	1619	93.7	1619	93.7	1619	93.7	1618	93.6
<u>Cardiff and Vale University HB</u>																													
Cardiff LA	971	929	95.7	929	95.7	929	95.7	929	95.7	929	95.7	11	1.1	886	91.2	895	92.2	923	95.1	851	87.6	857	88.3	857	88.3	857	88.3	857	88.3
Vale of Glamorgan LA	405	390	96.3	390	96.3	390	96.3	390	96.3	389	96.0	5	1.2	382	94.3	389	96.0	390	96.3	376	92.8	376	92.8	376	92.8	376	92.8	376	92.8
Health Board Total	1376	1319	95.9	1319	95.9	1319	95.9	1319	95.9	1318	95.8	16	1.2	1268	92.2	1284	93.3	1313	95.4	1227	89.2	1233	89.6	1233	89.6	1233	89.6	1233	89.6
<u>Cwm Taf Morgannwg University HB</u>																													
Bridgend LA	397	392	98.7	392	98.7	392	98.7	392	98.7	392	98.7	2	0.5	380	95.7	385	97.0	385	97.0	369	92.9	372	93.7	372	93.7	372	93.7	372	93.7
Merthyr Tydfil LA	168	163	97.0	163	97.0	163	97.0	162	96.4	163	97.0	0	0.0	161	95.8	162	96.4	162	96.4	154	91.7	155	92.3	155	92.3	155	92.3	155	92.3
Rhondda Cynon Taf LA	618	603	97.6	603	97.6	603	97.6	603	97.6	603	97.6	0	0.0	597	96.6	599	96.9	604	97.7	570	92.2	573	92.7	573	92.7	573	92.7	573	92.7
Health Board Total	1183	1158	97.9	1158	97.9	1158	97.9	1157	97.8	1158	97.9	2	0.2	1138	96.2	1146	96.9	1151	97.3	1093	92.4	1100	93.0	1100	93.0	1100	93.0	1100	93.0
<u>Hywel Dda University HB</u>																													
Cardiganshire LA	449	433	96.4	433	96.4	433	96.4	433	96.4	433	96.4	5	1.1	420	93.5	423	94.2	430	95.8	395	88.0	399	88.9	399	88.9	399	88.9	399	88.9
Ceredigion LA	153	145	94.8	145	94.8	145	94.8	145	94.8	145	94.8	1	0.7	141	92.2	142	92.8	144	94.1	134	87.6	134	87.6	133	86.9	133	86.9	133	86.9
Pembrokeshire LA	318	302	95.0	302	95.0	302	95.0	302	95.0	302	95.0	0	0.0	288	90.6	294	92.5	297	93.4	275	86.5	275	86.5	275	86.5	275	86.5	275	86.5
Health Board Total	920	880	95.7	880	95.7	880	95.7	880	95.7	880	95.7	6	0.7	849	92.3	859	93.4	871	94.7	804	87.4	808	87.8	807	87.7	807	87.7	807	87.7
<u>Powys Teaching HB</u>																													
Health Board Total	268	258	96.3	258	96.3	258	96.3	258	96.3	258	96.3	1	0.4	255	95.1	254	94.8	256	95.5	253	94.4	251	93.7	251	93.7	251	93.7	251	93.7
<u>Swansea Bay University HB</u>																													
Neath Port Talbot LA	352	343	97.4	343	97.4	343	97.4	343	97.4	343	97.4	0	0.0	336	95.5	342	97.2	343	97.4	311	88.4	317	90.1	317	90.1	317	90.1	317	90.1
Swansea LA	583	552	94.7	552	94.7	552	94.7	552	94.7	550	94.3	0	0.0	535	91.8	545	93.5	549	94.2	512	87.8	517	88.7	517	88.7	517	88.7	516	88.5
Health Board Total	935	895	95.7	895	95.7	895	95.7	895	95.7	893	95.5	0	0.0	871	93.2	887	94.9	892	95.4	823	88.0	834	89.2	834	89.2	834	89.2	833	89.1
Unknown	17	16	94.1	16	94.1	16	94.1	16	94.1	16	94.1	0	0.0	15	88.2	16	94.1	17	100.0	15	88.2	15	88.2	15	88.2	15	88.2	15	88.2
Wales Total	8002	7739	96.7	7740	96.7	7739	96.7	7738	96.7	7737	96.7	32	0.4	7537	94.2	7613	95.1	7694	96.2	7267	90.8	7318	91.5	7317	91.4	7317	91.4	7315	91.4

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 01/09/21 and 31/08/22 (School Year 8) and resident on 31/03/22, 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	806	4	0.5	381	1	0.3	425	3	0.7
Caerphilly LA	2195	403	18.4	1061	203	19.1	1134	200	17.6
Monmouthshire LA	1074	205	19.1	534	113	21.2	540	92	17.0
Newport LA	2141	770	36.0	1003	397	39.6	1137	373	32.8
Torfaen LA	1156	189	16.3	538	112	20.8	617	77	12.5
Health Board Total	7372	1571	21.3	3517	826	23.5	3853	745	19.3
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	799	340	42.6	375	165	44.0	424	175	41.3
Conwy LA	1228	372	30.3	618	196	31.7	610	176	28.9
Denbighshire LA	1120	161	14.4	554	79	14.3	566	82	14.5
Flintshire LA	1769	33	1.9	861	21	2.4	908	12	1.3
Gwynedd LA	1313	564	43.0	642	288	44.9	671	276	41.1
Wrexham LA	1609	15	0.9	763	10	1.3	846	5	0.6
Health Board Total	7838	1485	18.9	3813	759	19.9	4025	726	18.0
<u>Cardiff and Vale University HB</u>									
Cardiff LA	4553	18	0.4	2250	4	0.2	2303	14	0.6
Vale of Glamorgan LA	1647	2	0.1	796	2	0.3	851	0	0.0
Health Board Total	6200	20	0.3	3046	6	0.2	3154	14	0.4
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	1696	5	0.3	774	3	0.4	922	2	0.2
Merthyr Tydfil LA	747	2	0.3	387	1	0.3	360	1	0.3
Rhondda Cynon Taf LA	2977	4	0.1	1454	1	0.1	1523	3	0.2
Health Board Total	5420	11	0.2	2615	5	0.2	2805	6	0.2
<u>Hywel Dda University HB</u>									
Cardiganshire LA	2103	102	4.9	1049	46	4.4	1054	56	5.3
Ceredigion LA	598	453	75.8	299	238	79.6	299	215	71.9
Pembrokeshire LA	1380	784	56.8	696	434	62.4	684	350	51.2
Health Board Total	4081	1339	32.8	2044	718	35.1	2037	621	30.5
<u>Powys Teaching HB</u>									
Health Board Total	1346	47	3.5	654	38	5.8	691	9	1.3
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	1679	1366	81.4	815	680	83.4	864	686	79.4
Swansea LA	2698	2273	84.2	1294	1115	86.2	1404	1158	82.5
Health Board Total	4377	3639	83.1	2109	1795	85.1	2268	1844	81.3
Unknown	60	4	6.7	32	3	9.4	28	1	3.6
Wales Total	36694	8116	22.1	17830	4150	23.3	18861	3966	21.0

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 01/09/21 and 31/08/22 (School Year 9) and resident on 31/03/22, with breakdown of coverage for sex.

Area	Resident children (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)	Resident girls (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)	Resident boys (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)
<u>Aneurin Bevan University HB</u>															
Blaenau Gwent LA	841	632	75.1	177	21.0	405	322	79.5	92	22.7	436	310	71.1	85	19.5
Caerphilly LA	2280	1826	80.1	290	12.7	1090	899	82.5	155	14.2	1190	927	77.9	135	11.3
Monmouthshire LA	1102	809	73.4	221	20.1	542	420	77.5	110	20.3	560	389	69.5	111	19.8
Newport LA	2246	1558	69.4	404	18.0	1078	809	75.0	213	19.8	1167	749	64.2	191	16.4
Torfaen LA	1157	899	77.7	237	20.5	557	449	80.6	110	19.7	600	450	75.0	127	21.2
Health Board Total	7626	5724	75.1	1329	17.4	3672	2899	78.9	680	18.5	3953	2825	71.5	649	16.4
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	808	630	78.0	71	8.8	411	347	84.4	38	9.2	397	283	71.3	33	8.3
Conwy LA	1256	948	75.5	306	24.4	630	499	79.2	155	24.6	625	449	71.8	151	24.2
Denbighshire LA	1186	723	61.0	277	23.4	570	374	65.6	148	26.0	615	349	56.7	129	21.0
Flintshire LA	1833	1317	71.8	11	0.6	893	664	74.4	6	0.7	940	653	69.5	5	0.5
Gwynedd LA	1310	1082	82.6	957	73.1	631	537	85.1	474	75.1	679	545	80.3	483	71.1
Wrexham LA	1687	1261	74.7	20	1.2	827	671	81.1	11	1.3	859	590	68.7	9	1.0
Health Board Total	8080	5961	73.8	1642	20.3	3962	3092	78.0	832	21.0	4115	2869	69.7	810	19.7
<u>Cardiff and Vale University HB</u>															
Cardiff LA	4515	3348	74.2	880	19.5	2231	1724	77.3	456	20.4	2284	1624	71.1	424	18.6
Vale of Glamorgan LA	1698	1283	75.6	300	17.7	821	646	78.7	158	19.2	877	637	72.6	142	16.2
Health Board Total	6213	4631	74.5	1180	19.0	3052	2370	77.7	614	20.1	3161	2261	71.5	566	17.9
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	1712	1465	85.6	11	0.6	819	728	88.9	6	0.7	893	737	82.5	5	0.6
Merthyr Tydfil LA	775	649	83.7	5	0.6	378	330	87.3	3	0.8	397	319	80.4	2	0.5
Rhondda Cynon Taf LA	2939	2508	85.3	31	1.1	1445	1258	87.1	20	1.4	1491	1248	83.7	11	0.7
Health Board Total	5426	4622	85.2	47	0.9	2642	2316	87.7	29	1.1	2781	2304	82.8	18	0.6
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	2293	1899	82.8	108	4.7	1135	972	85.6	61	5.4	1158	927	80.1	47	4.1
Ceredigion LA	647	539	83.3	497	76.8	318	281	88.4	265	83.3	329	258	78.4	232	70.5
Pembrokeshire LA	1371	1064	77.6	854	62.3	682	559	82.0	453	66.4	689	505	73.3	401	58.2
Health Board Total	4311	3502	81.2	1459	33.8	2135	1812	84.9	779	36.5	2176	1690	77.7	680	31.3
<u>Powys Teaching HB</u>															
Health Board Total	1477	1167	79.0	66	4.5	690	571	82.8	37	5.4	787	596	75.7	29	3.7
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	1652	1511	91.5	1272	77.0	772	713	92.4	605	78.4	880	798	90.7	667	75.8
Swansea LA	2867	2605	90.9	2286	79.7	1428	1311	91.8	1168	81.8	1439	1294	89.9	1118	77.7
Health Board Total	4519	4116	91.1	3558	78.7	2200	2024	92.0	1773	80.6	2319	2092	90.2	1785	77.0
Unknown	73	48	65.8	10	13.7	40	23	57.5	9	22.5	33	25	75.8	1	3.0
Wales Total	37725	29771	78.9	9291	24.6	18393	15107	82.1	4753	25.8	19325	14662	75.9	4538	23.5

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

Table 9. Uptake of HPV vaccine in children reaching 13, 14 and 15 years of age between 01/09/21 and 31/08/22 and resident on 31/03/22.

Area	13 years (2021-22 School Year 8) ¹			14 years (2021-22 School Year 9) ¹					15 years (2021-22 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	806	4	0.5	841	632	75.1	177	21.0	727	399	54.9	167	23.0
Caerphilly LA	2195	403	18.4	2280	1826	80.1	290	12.7	2096	1576	75.2	382	18.2
Monmouthshire LA	1074	205	19.1	1102	809	73.4	221	20.1	1087	821	75.5	227	20.9
Newport LA	2141	770	36.0	2246	1558	69.4	404	18.0	2056	1394	67.8	639	31.1
Torfaen LA	1156	189	16.3	1157	899	77.7	237	20.5	1133	860	75.9	212	18.7
Health Board Total	7372	1571	21.3	7626	5724	75.1	1329	17.4	7099	5050	71.1	1627	22.9
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	799	340	42.6	808	630	78.0	71	8.8	785	622	79.2	493	62.8
Conwy LA	1228	372	30.3	1256	948	75.5	306	24.4	1217	880	72.3	609	50.0
Denbighshire LA	1120	161	14.4	1186	723	61.0	277	23.4	1127	871	77.3	554	49.2
Flintshire LA	1769	33	1.9	1833	1317	71.8	11	0.6	1816	1520	83.7	1334	73.5
Gwynedd LA	1313	564	43.0	1310	1082	82.6	957	73.1	1294	1133	87.6	1098	84.9
Wrexham LA	1609	15	0.9	1687	1261	74.7	20	1.2	1562	1289	82.5	1061	67.9
Health Board Total	7838	1485	18.9	8080	5961	73.8	1642	20.3	7801	6315	81.0	5149	66.0
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4553	18	0.4	4515	3348	74.2	880	19.5	4305	3440	79.9	1042	24.2
Vale of Glamorgan LA	1647	2	0.1	1698	1283	75.6	300	17.7	1625	1351	83.1	305	18.8
Health Board Total	6200	20	0.3	6213	4631	74.5	1180	19.0	5930	4791	80.8	1347	22.7
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1696	5	0.3	1712	1465	85.6	11	0.6	1767	1554	87.9	1420	80.4
Merthyr Tydfil LA	747	2	0.3	775	649	83.7	5	0.6	717	585	81.6	531	74.1
Rhondda Cynon Taf LA	2977	4	0.1	2939	2508	85.3	31	1.1	2857	2501	87.5	2266	79.3
Health Board Total	5420	11	0.2	5426	4622	85.2	47	0.9	5341	4640	86.9	4217	79.0
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	2103	102	4.9	2293	1899	82.8	108	4.7	2166	1935	89.3	1718	79.3
Ceredigion LA	598	453	75.8	647	539	83.3	497	76.8	678	597	88.1	569	83.9
Pembrokeshire LA	1380	784	56.8	1371	1064	77.6	854	62.3	1349	1059	78.5	888	65.8
Health Board Total	4081	1339	32.8	4311	3502	81.2	1459	33.8	4193	3591	85.6	3175	75.7
<u>Powys Teaching HB</u>													
Health Board Total	1346	47	3.5	1477	1167	79.0	66	4.5	1362	1152	84.6	504	37.0
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1679	1366	81.4	1652	1511	91.5	1272	77.0	1633	1525	93.4	1441	88.2
Swansea LA	2698	2273	84.2	2867	2605	90.9	2286	79.7	2730	2522	92.4	2411	88.3
Health Board Total	4377	3639	83.1	4519	4116	91.1	3558	78.7	4363	4047	92.8	3852	88.3
Unknown	60	4	6.7	73	48	65.8	10	13.7	49	36	73.5	27	55.1
Wales Total	36694	8116	22.1	37725	29771	78.9	9291	24.6	36138	29622	82.0	19898	55.1

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 01/09/21 and 31/08/22 and resident on 31/03/22.

Area	14 years (2021-22 School Year 9) ¹			15 years (2021-22 School Year 10)			16 years (2021-22 School Year 11) ¹			17 years (2021-22 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	841	223	26.5	727	510	70.2	782	658	84.1	701	613	87.4
Caerphilly LA	2280	416	18.2	2096	1655	79.0	2140	1778	83.1	2068	1797	86.9
Monmouthshire LA	1102	284	25.8	1087	810	74.5	1106	854	77.2	1092	871	79.8
Newport LA	2246	769	34.2	2056	1453	70.7	1929	1510	78.3	1922	1576	82.0
Torfaen LA	1157	260	22.5	1133	873	77.1	1141	871	76.3	1125	969	86.1
Health Board Total	7626	1952	25.6	7099	5301	74.7	7098	5671	79.9	6908	5826	84.3
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	808	511	63.2	785	613	78.1	720	606	84.2	720	613	85.1
Conwy LA	1256	766	61.0	1217	907	74.5	1241	1051	84.7	1181	1066	90.3
Denbighshire LA	1186	658	55.5	1127	850	75.4	1118	879	78.6	1117	935	83.7
Flintshire LA	1833	1205	65.7	1816	1533	84.4	1692	1299	76.8	1656	1426	86.1
Gwynedd LA	1310	668	51.0	1294	1097	84.8	1348	1169	86.7	1266	1138	89.9
Wrexham LA	1687	944	56.0	1562	1227	78.6	1564	1223	78.2	1502	1279	85.2
Health Board Total	8080	4752	58.8	7801	6227	79.8	7683	6227	81.0	7442	6457	86.8
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4515	2943	65.2	4305	3171	73.7	4162	3205	77.0	4033	3128	77.6
Vale of Glamorgan LA	1698	1238	72.9	1625	1289	79.3	1509	1282	85.0	1528	1264	82.7
Health Board Total	6213	4181	67.3	5930	4460	75.2	5671	4487	79.1	5561	4392	79.0
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1712	1385	80.9	1767	1561	88.3	1623	1476	90.9	1688	1550	91.8
Merthyr Tydfil LA	775	554	71.5	717	602	84.0	710	640	90.1	713	642	90.0
Rhondda Cynon Taf LA	2939	2110	71.8	2857	2489	87.1	2882	2633	91.4	2893	2651	91.6
Health Board Total	5426	4049	74.6	5341	4652	87.1	5215	4749	91.1	5294	4843	91.5
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2293	17	0.7	2166	1836	84.8	2121	1802	85.0	2039	1792	87.9
Ceredigion LA	647	3	0.5	678	596	87.9	607	533	87.8	660	582	88.2
Pembrokeshire LA	1371	5	0.4	1349	1085	80.4	1376	839	61.0	1243	1048	84.3
Health Board Total	4311	25	0.6	4193	3517	83.9	4104	3174	77.3	3942	3422	86.8
<u>Powys Teaching HB</u>												
Health Board Total	1477	1026	69.5	1362	1185	87.0	1373	1149	83.7	1413	1237	87.5
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1652	396	24.0	1633	1437	88.0	1637	1462	89.3	1645	1526	92.8
Swansea LA	2867	608	21.2	2730	2452	89.8	2640	2382	90.2	2576	2341	90.9
Health Board Total	4519	1004	22.2	4363	3889	89.1	4277	3844	89.9	4221	3867	91.6
Unknown	73	37	50.7	49	38	77.6	77	60	77.9	89	71	79.8
Wales Total	37725	17026	45.1	36138	29269	81.0	35498	29361	82.7	34870	30115	86.4

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 2021-22 school year 9 reaching their 14th birthday between 01/09/21 and 31/08/22 and resident on 31/03/22, 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)	(%)	(n)	(%)	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)	
Blaenau Gwent LA	841	811	96.4	786	93.5	226	26.9	223	26.5		405	387	95.6	371	91.6		436	424	97.2	415	95.2	
Caerphilly LA	2280	2227	97.7	2180	95.6	423	18.6	416	18.2		1090	1064	97.6	1043	95.7		1190	1163	97.7	1137	95.5	
Monmouthshire LA	1102	1013	91.9	985	89.4	280	25.4	284	25.8		542	498	91.9	481	88.7		560	515	92.0	504	90.0	
Newport LA	2246	2108	93.9	2022	90.0	768	34.2	769	34.2		1078	1024	95.0	987	91.6		1167	1083	92.8	1035	88.7	
Torfaen LA	1157	1118	96.6	1089	94.1	231	20.0	260	22.5		557	543	97.5	530	95.2		600	575	95.8	559	93.2	
Health Board Total	7626	7277	95.4	7062	92.6	1928	25.3	1952	25.6		3672	3516	95.8	3412	92.9		3953	3760	95.1	3650	92.3	
<u>Betsi Cadwaladr University HB</u>																						
Anglesey LA	808	775	95.9	759	93.9	533	66.0	511	63.2		411	394	95.9	386	93.9		397	381	96.0	373	94.0	
Conwy LA	1256	1209	96.3	1187	94.5	761	60.6	766	61.0		630	608	96.5	598	94.9		625	601	96.2	589	94.2	
Denbighshire LA	1186	1124	94.8	1102	92.9	659	55.6	658	55.5		570	534	93.7	528	92.6		615	590	95.9	574	93.3	
Flintshire LA	1833	1711	93.3	1677	91.5	1198	65.4	1205	65.7		893	826	92.5	809	90.6		940	885	94.1	868	92.3	
Gwynedd LA	1310	1258	96.0	1225	93.5	681	52.0	668	51.0		631	604	95.7	586	92.9		679	654	96.3	639	94.1	
Wrexham LA	1687	1603	95.0	1579	93.6	945	56.0	944	56.0		827	790	95.5	782	94.6		859	812	94.5	796	92.7	
Health Board Total	8080	7680	95.0	7529	93.2	4777	59.1	4752	58.8		3962	3756	94.8	3689	93.1		4115	3923	95.3	3839	93.3	
<u>Cardiff and Vale University HB</u>																						
Cardiff LA	4515	4278	94.8	4064	90.0	2931	64.9	2943	65.2		2231	2128	95.4	2021	90.6		2284	2150	94.1	2043	89.4	
Vale of Glamorgan LA	1698	1647	97.0	1594	93.9	1233	72.6	1238	72.9		821	798	97.2	772	94.0		877	849	96.8	822	93.7	
Health Board Total	6213	5925	95.4	5658	91.1	4164	67.0	4181	67.3		3052	2926	95.9	2793	91.5		3161	2999	94.9	2865	90.6	
<u>Cwm Taf Morgannwg University HB</u>																						
Bridgend LA	1712	1666	97.3	1611	94.1	1384	80.8	1385	80.9		819	798	97.4	779	95.1		893	868	97.2	832	93.2	
Merthyr Tydfil LA	775	749	96.6	726	93.7	557	71.9	554	71.5		378	367	97.1	352	93.1		397	382	96.2	374	94.2	
Rhondda Cynon Taf LA	2939	2847	96.9	2788	94.9	2105	71.6	2110	71.8		1445	1403	97.1	1377	95.3		1491	1441	96.6	1410	94.6	
Health Board Total	5426	5262	97.0	5125	94.5	4046	74.6	4049	74.6		2642	2568	97.2	2508	94.9		2781	2691	96.8	2616	94.1	
<u>Hywel Dda University HB</u>																						
Carmarthenshire LA	2293	2169	94.6	2098	91.5	27	1.2	17	0.7		1135	1069	94.2	1034	91.1		1158	1100	95.0	1064	91.9	
Ceredigion LA	647	605	93.5	588	90.9	7	1.1	3	0.5		318	298	93.7	289	90.9		329	307	93.3	299	90.9	
Pembrokeshire LA	1371	1266	92.3	1199	87.5	12	0.9	5	0.4		682	637	93.4	611	89.6		689	629	91.3	588	85.3	
Health Board Total	4311	4040	93.7	3885	90.1	46	1.1	25	0.6		2135	2004	93.9	1934	90.6		2176	2036	93.6	1951	89.7	
<u>Powys Teaching HB</u>																						
Health Board Total	1477	1366	92.5	1322	89.5	1022	69.2	1026	69.5		690	641	92.9	623	90.3		787	725	92.1	699	88.8	
<u>Swansea Bay University HB</u>																						
Neath Port Talbot LA	1652	1622	98.2	1575	95.3	398	24.1	396	24.0		772	760	98.4	742	96.1		880	862	98.0	833	94.7	
Swansea LA	2867	2743	95.7	2671	93.2	597	20.8	608	21.2		1428	1366	95.7	1339	93.8		1439	1377	95.7	1332	92.6	
Health Board Total	4519	4365	96.6	4246	94.0	995	22.0	1004	22.2		2200	2126	96.6	2081	94.6		2319	2239	96.6	2165	93.4	
Unknown	73	66	90.4	65	89.0	36	49.3	37	50.7		40	37	92.5	36	90.0		33	29	87.9	29	87.9	
Wales Total	37725	35981	95.4	34892	92.5	17014	45.1	17026	45.1		18393	17574	95.5	17076	92.8		19325	18402	95.2	17814	92.2	

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 2021-22 school year 10 reaching their 15th birthday between 01/09/21 and 31/08/22 and resident on 31/03/22, 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>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)
Blaenau Gwent LA	727	704	96.8	684	94.1	495	68.1	510	70.2	391	376	96.2	365	93.4	336	328	97.6	319	94.9
Caerphilly LA	2096	2043	97.5	1988	94.8	1651	78.8	1655	79.0	1050	1030	98.1	1004	95.6	1046	1013	96.8	984	94.1
Monmouthshire LA	1087	1018	93.7	986	90.7	814	74.9	810	74.5	535	499	93.3	486	90.8	552	519	94.0	500	90.6
Newport LA	2056	1938	94.3	1858	90.4	1460	71.0	1453	70.7	994	941	94.7	906	91.1	1061	997	94.0	952	89.7
Torfaen LA	1133	1113	98.2	1079	95.2	869	76.7	873	77.1	545	537	98.5	522	95.8	588	576	98.0	557	94.7
Health Board Total	7099	6816	96.0	6595	92.9	5289	74.5	5301	74.7	3515	3383	96.2	3283	93.4	3583	3433	95.8	3312	92.4
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	785	758	96.6	737	93.9	616	78.5	613	78.1	369	357	96.7	347	94.0	416	401	96.4	390	93.8
Conwy LA	1217	1159	95.2	1131	92.9	899	73.9	907	74.5	598	572	95.7	566	94.6	619	587	94.8	565	91.3
Denbighshire LA	1127	1071	95.0	1049	93.1	846	75.1	850	75.4	540	516	95.6	503	93.1	586	555	94.7	546	93.2
Flintshire LA	1816	1725	95.0	1678	92.4	1531	84.3	1533	84.4	894	844	94.4	825	92.3	922	881	95.6	853	92.5
Gwynedd LA	1294	1256	97.1	1222	94.4	1095	84.6	1097	84.8	637	616	96.7	602	94.5	656	640	97.6	620	94.5
Wrexham LA	1562	1511	96.7	1473	94.3	1230	78.7	1227	78.6	737	719	97.6	699	94.8	825	792	96.0	774	93.8
Health Board Total	7801	7480	95.9	7290	93.4	6217	79.7	6227	79.8	3775	3624	96.0	3542	93.8	4024	3856	95.8	3748	93.1
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4305	4052	94.1	3850	89.4	3173	73.7	3171	73.7	2126	2008	94.4	1901	89.4	2178	2043	93.8	1948	89.4
Vale of Glamorgan LA	1625	1563	96.2	1499	92.2	1292	79.5	1289	79.3	778	747	96.0	720	92.5	847	816	96.3	779	92.0
Health Board Total	5930	5615	94.7	5349	90.2	4465	75.3	4460	75.2	2904	2755	94.9	2621	90.3	3025	2859	94.5	2727	90.1
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1767	1703	96.4	1622	91.8	1554	87.9	1561	88.3	859	831	96.7	794	92.4	908	872	96.0	828	91.2
Merthyr Tydfil LA	717	689	96.1	667	93.0	604	84.2	602	84.0	326	314	96.3	301	92.3	391	375	95.9	366	93.6
Rhondda Cynon Taf LA	2857	2782	97.4	2717	95.1	2491	87.2	2489	87.1	1349	1312	97.3	1281	95.0	1508	1470	97.5	1436	95.2
Health Board Total	5341	5174	96.9	5006	93.7	4649	87.0	4652	87.1	2534	2457	97.0	2376	93.8	2807	2717	96.8	2630	93.7
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2166	2030	93.7	1953	90.2	1844	85.1	1836	84.8	1064	998	93.8	961	90.3	1102	1032	93.6	992	90.0
Ceredigion LA	678	642	94.7	623	91.9	596	87.9	596	87.9	337	318	94.4	308	91.4	341	324	95.0	315	92.4
Pembrokeshire LA	1349	1255	93.0	1186	87.9	1091	80.9	1085	80.4	666	629	94.4	597	89.6	683	626	91.7	589	86.2
Health Board Total	4193	3927	93.7	3762	89.7	3531	84.2	3517	83.9	2067	1945	94.1	1866	90.3	2126	1982	93.2	1896	89.2
<u>Powys Teaching HB</u>																			
Health Board Total	1362	1285	94.3	1232	90.5	1171	86.0	1185	87.0	666	627	94.1	603	90.5	695	658	94.7	629	90.5
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1633	1596	97.7	1543	94.5	1433	87.8	1437	88.0	801	787	98.3	761	95.0	832	809	97.2	782	94.0
Swansea LA	2730	2608	95.5	2517	92.2	2449	89.7	2452	89.8	1331	1277	95.9	1229	92.3	1399	1331	95.1	1288	92.1
Health Board Total	4363	4204	96.4	4060	93.1	3882	89.0	3889	89.1	2132	2064	96.8	1990	93.3	2231	2140	95.9	2070	92.8
Unknown	49	43	87.8	43	87.8	38	77.6	38	77.6	25	22	88.0	22	88.0	24	21	87.5	21	87.5
Wales Total	36138	34544	95.6	33337	92.2	29242	80.9	29269	81.0	17618	16877	95.8	16303	92.5	18515	17666	95.4	17033	92.0

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 2021-22 school year 11 reaching their 16th birthday between 01/09/21 and 31/08/22 and resident on 31/03/22, 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	782	760	97.2	740	94.6	655	83.8	658	84.1	416	410	98.6	400	96.2	366	350	95.6	340	92.9
Caerphilly LA	2140	2091	97.7	2029	94.8	1778	83.1	1778	83.1	1030	1017	98.7	986	95.7	1110	1074	96.8	1043	94.0
Monmouthshire LA	1106	1014	91.7	984	89.0	850	76.9	854	77.2	528	494	93.6	480	90.9	578	520	90.0	504	87.2
Newport LA	1929	1820	94.3	1733	89.8	1511	78.3	1510	78.3	969	920	94.9	881	90.9	959	900	93.8	852	88.8
Torfaen LA	1141	1102	96.6	1056	92.6	867	76.0	871	76.3	551	531	96.4	514	93.3	590	571	96.8	542	91.9
Health Board Total	7098	6787	95.6	6542	92.2	5661	79.8	5671	79.9	3494	3372	96.5	3261	93.3	3603	3415	94.8	3281	91.1
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	720	691	96.0	671	93.2	613	85.1	606	84.2	345	332	96.2	322	93.3	375	359	95.7	349	93.1
Conwy LA	1241	1168	94.1	1141	91.9	1048	84.4	1051	84.7	593	549	92.6	534	90.1	648	619	95.5	607	93.7
Denbighshire LA	1118	1066	95.3	1033	92.4	872	78.0	879	78.6	555	529	95.3	507	91.4	563	537	95.4	526	93.4
Flintshire LA	1692	1614	95.4	1553	91.8	1294	76.5	1299	76.8	818	781	95.5	751	91.8	874	833	95.3	802	91.8
Gwynedd LA	1348	1299	96.4	1271	94.3	1172	86.9	1169	86.7	674	655	97.2	639	94.8	674	644	95.5	632	93.8
Wrexham LA	1564	1508	96.4	1472	94.1	1216	77.7	1223	78.2	772	748	96.9	733	94.9	792	760	96.0	739	93.3
Health Board Total	7683	7346	95.6	7141	92.9	6215	80.9	6227	81.0	3757	3594	95.7	3486	92.8	3926	3752	95.6	3655	93.1
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4162	3893	93.5	3652	87.7	3205	77.0	3205	77.0	1995	1862	93.3	1739	87.2	2167	2031	93.7	1913	88.3
Vale of Glamorgan LA	1509	1442	95.6	1383	91.7	1282	85.0	1282	85.0	748	718	96.0	691	92.4	761	724	95.1	692	90.9
Health Board Total	5671	5335	94.1	5035	88.8	4487	79.1	4487	79.1	2743	2580	94.1	2430	88.6	2928	2755	94.1	2605	89.0
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1623	1542	95.0	1473	90.8	1472	90.7	1476	90.9	783	747	95.4	717	91.6	839	794	94.6	755	90.0
Merthyr Tydfil LA	710	671	94.5	648	91.3	640	90.1	640	90.1	326	307	94.2	293	89.9	384	364	94.8	355	92.4
Rhondda Cynon Taf LA	2882	2771	96.1	2686	93.2	2625	91.1	2633	91.4	1414	1363	96.4	1327	93.8	1467	1408	96.0	1359	92.6
Health Board Total	5215	4984	95.6	4807	92.2	4737	90.8	4749	91.1	2523	2417	95.8	2337	92.6	2690	2566	95.4	2469	91.8
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2121	1974	93.1	1919	90.5	1797	84.7	1802	85.0	1011	947	93.7	919	90.9	1110	1027	92.5	1000	90.1
Ceredigion LA	607	577	95.1	559	92.1	533	87.8	533	87.8	300	283	94.3	276	92.0	307	294	95.8	283	92.2
Pembrokeshire LA	1376	1295	94.1	1237	89.9	843	61.3	839	61.0	617	588	95.3	564	91.4	759	707	93.1	673	88.7
Health Board Total	4104	3846	93.7	3715	90.5	3173	77.3	3174	77.3	1928	1818	94.3	1759	91.2	2176	2028	93.2	1956	89.9
<u>Powys Teaching HB</u>																			
Health Board Total	1373	1257	91.6	1196	87.1	1135	82.7	1149	83.7	682	626	91.8	594	87.1	690	631	91.4	602	87.2
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1637	1577	96.3	1525	93.2	1458	89.1	1462	89.3	807	785	97.3	760	94.2	830	792	95.4	765	92.2
Swansea LA	2640	2504	94.8	2398	90.8	2368	89.7	2382	90.2	1245	1182	94.9	1139	91.5	1395	1322	94.8	1259	90.3
Health Board Total	4277	4081	95.4	3923	91.7	3826	89.5	3844	89.9	2052	1967	95.9	1899	92.5	2225	2114	95.0	2024	91.0
Unknown	77	68	88.3	65	84.4	60	77.9	60	77.9	36	34	94.4	34	94.4	41	34	82.9	31	75.6
Wales Total	35498	33704	94.9	32424	91.3	29294	82.5	29361	82.7	17215	16408	95.3	15800	91.8	18279	17295	94.6	16623	90.9

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 01/01/22 and 31/03/22 and resident on 31/03/22, with breakdown of MMR1 and MMR2 coverage by sex

Area	Resident children		Teenage 3 in 1							Resident girls	MMR1		MMR2		Resident boys	MMR1		MMR2	
			MMR1		MMR2		booster ¹		MenACWY		(girls)		(girls)			(boys)		(boys)	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	200	193	96.5	189	94.5	167	83.5	167	83.5	106	104	98.1	102	96.2	94	89	94.7	87	92.6
Caerphilly LA	516	503	97.5	486	94.2	427	82.8	432	83.7	241	239	99.2	232	96.3	275	264	96.0	254	92.4
Monmouthshire LA	265	237	89.4	227	85.7	198	74.7	198	74.7	117	105	89.7	100	85.5	148	132	89.2	127	85.8
Newport LA	494	469	94.9	451	91.3	387	78.3	389	78.7	249	240	96.4	234	94.0	244	229	93.9	217	88.9
Torfaen LA	273	265	97.1	254	93.0	212	77.7	214	78.4	128	124	96.9	118	92.2	145	141	97.2	136	93.8
Health Board Total	1748	1667	95.4	1607	91.9	1391	79.6	1400	80.1	841	812	96.6	786	93.5	906	855	94.4	821	90.6
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	175	170	97.1	167	95.4	142	81.1	139	79.4	86	83	96.5	83	96.5	89	87	97.8	84	94.4
Conwy LA	295	271	91.9	266	90.2	248	84.1	249	84.4	134	121	90.3	119	88.8	161	150	93.2	147	91.3
Denbighshire LA	274	263	96.0	254	92.7	207	75.5	208	75.9	133	128	96.2	123	92.5	141	135	95.7	131	92.9
Flintshire LA	398	380	95.5	363	91.2	295	74.1	293	73.6	192	181	94.3	178	92.7	206	199	96.6	185	89.8
Gwynedd LA	323	312	96.6	307	95.0	278	86.1	279	86.4	163	156	95.7	155	95.1	160	156	97.5	152	95.0
Wrexham LA	400	386	96.5	376	94.0	292	73.0	300	75.0	196	190	96.9	186	94.9	204	196	96.1	190	93.1
Health Board Total	1865	1782	95.5	1733	92.9	1462	78.4	1468	78.7	904	859	95.0	844	93.4	961	923	96.0	889	92.5
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	1029	970	94.3	909	88.3	823	80.0	820	79.7	515	487	94.6	455	88.3	514	483	94.0	454	88.3
Vale of Glamorgan LA	396	373	94.2	357	90.2	342	86.4	345	87.1	203	192	94.6	186	91.6	193	181	93.8	171	88.6
Health Board Total	1425	1343	94.2	1266	88.8	1165	81.8	1165	81.8	718	679	94.6	641	89.3	707	664	93.9	625	88.4
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	395	388	98.2	371	93.9	361	91.4	362	91.6	204	203	99.5	195	95.6	191	185	96.9	176	92.1
Merthyr Tydfil LA	156	147	94.2	143	91.7	131	84.0	130	83.3	74	69	93.2	65	87.8	82	78	95.1	78	95.1
Rhondda Cynon Taf LA	656	629	95.9	615	93.8	603	91.9	604	92.1	316	302	95.6	296	93.7	340	327	96.2	319	93.8
Health Board Total	1207	1164	96.4	1129	93.5	1095	90.7	1096	90.8	594	574	96.6	556	93.6	613	590	96.2	573	93.5
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	503	472	93.8	460	91.5	424	84.3	424	84.3	236	222	94.1	216	91.5	267	250	93.6	244	91.4
Ceredigion LA	139	132	95.0	124	89.2	121	87.1	123	88.5	64	59	92.2	56	87.5	75	73	97.3	68	90.7
Pembrokeshire LA	318	301	94.7	292	91.8	180	56.6	177	55.7	151	144	95.4	139	92.1	167	157	94.0	153	91.6
Health Board Total	960	905	94.3	876	91.3	725	75.5	724	75.4	451	425	94.2	411	91.1	509	480	94.3	465	91.4
<u>Powys Teaching HB</u>																			
Health Board Total	330	308	93.3	295	89.4	276	83.6	279	84.5	165	151	91.5	143	86.7	165	157	95.2	152	92.1
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	393	378	96.2	364	92.6	351	89.3	353	89.8	175	174	99.4	170	97.1	218	204	93.6	194	89.0
Swansea LA	665	624	93.8	599	90.1	593	89.2	599	90.1	314	296	94.3	286	91.1	351	328	93.4	313	89.2
Health Board Total	1058	1002	94.7	963	91.0	944	89.2	952	90.0	489	470	96.1	456	93.3	569	532	93.5	507	89.1
Unknown	17	15	88.2	14	82.4	12	70.6	13	76.5	8	8	100.0	8	100.0	9	7	77.8	6	66.7
Wales Total	8610	8186	95.1	7883	91.6	7070	82.1	7097	82.4	4170	3978	95.4	3845	92.2	4439	4208	94.8	4038	91.0

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 01/01/22 and 31/03/22 and resident on 31/03/22.¹

Area	1 yr BCG Immunised			2 yrs BCG Immunised			5 yrs BCG Immunised			16 yrs BCG Immunised		
	Resident children	(n)	(%)	Resident children	(n)	(%)	Resident children	(n)	(%)	Resident children	(n)	(%)
<u>Aneurin Bevan University HB</u>		(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
Blaenau Gwent LA	145	3	2.1	178	6	3.4	158	3	1.9	200	2	1.0
Caerphilly LA	364	4	1.1	438	8	1.8	457	8	1.8	516	7	1.4
Monmouthshire LA	183	6	3.3	189	6	3.2	187	9	4.8	265	13	4.9
Newport LA	422	69	16.4	411	63	15.3	507	62	12.2	494	82	16.6
Torfaen LA	213	5	2.3	224	9	4.0	266	5	1.9	273	6	2.2
Health Board Total	1327	87	6.6	1440	92	6.4	1575	87	5.5	1748	110	6.3
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	140	0	0.0	129	0	0.0	171	3	1.8	175	5	2.9
Conwy LA	208	6	2.9	237	10	4.2	268	15	5.6	295	21	7.1
Denbighshire LA	216	6	2.8	221	5	2.3	256	9	3.5	274	14	5.1
Flintshire LA	351	19	5.4	330	24	7.3	392	14	3.6	398	13	3.3
Gwynedd LA	249	5	2.0	278	4	1.4	293	9	3.1	323	18	5.6
Wrexham LA	306	18	5.9	328	27	8.2	348	23	6.6	400	31	7.8
Health Board Total	1470	54	3.7	1523	70	4.6	1728	73	4.2	1865	102	5.5
<u>Cardiff and Vale University HB</u>												
Cardiff LA	866	175	20.2	958	195	20.4	971	55	5.7	1029	233	22.6
Vale of Glamorgan LA	290	19	6.6	308	14	4.5	405	7	1.7	396	26	6.6
Health Board Total	1156	194	16.8	1266	209	16.5	1376	62	4.5	1425	259	18.2
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	314	10	3.2	322	10	3.1	397	17	4.3	395	6	1.5
Merthyr Tydfil LA	154	9	5.8	154	9	5.8	168	6	3.6	156	7	4.5
Rhondda Cynon Taf LA	529	18	3.4	601	19	3.2	618	21	3.4	656	25	3.8
Health Board Total	997	37	3.7	1077	38	3.5	1183	44	3.7	1207	38	3.1
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	357	10	2.8	407	7	1.7	449	22	4.9	503	20	4.0
Ceredigion LA	128	5	3.9	126	2	1.6	153	6	3.9	139	7	5.0
Pembrokeshire LA	221	4	1.8	273	3	1.1	318	8	2.5	318	6	1.9
Health Board Total	706	19	2.7	806	12	1.5	920	36	3.9	960	33	3.4
<u>Powys Teaching Health Board</u>												
Health Board Total	257	3	1.2	252	5	2.0	268	9	3.4	330	10	3.0
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	312	14	4.5	326	9	2.8	352	15	4.3	393	12	3.1
Swansea LA	466	46	9.9	499	66	13.2	583	87	14.9	665	40	6.0
Health Board Total	778	60	7.7	825	75	9.1	935	102	10.9	1058	52	4.9
Unknown	0	0	0.0	17	0	0.0	17	2	11.8	17	3	17.6
Wales Total	6712	454	6.8	7206	501	7.0	8002	415	5.2	8610	607	7.0

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 01/01/22 and 31/03/22 and resident on 31/03/22, 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	1327	1	100.0	100.0	100.0	1440	1	100.0	100.0	100.0	100.0	1575	2	100.0	100.0	100.0	50.0	
Betsi Cadwaladr UHB	1470	0	-	-	-	1523	2	100.0	100.0	100.0	100.0	1728	2	100.0	100.0	100.0	100.0	
Cardiff and Vale UHB	1156	6	100.0	100.0	100.0	1266	1	100.0	100.0	100.0	-	1376	7	100.0	100.0	85.7	71.4	
Cwm Taf Morgannwg UHB	997	0	-	-	-	1077	0	-	-	-	-	1183	0	-	-	-	-	
Hywel Dda UHB	706	0	-	-	-	806	0	-	-	-	-	920	0	-	-	-	-	
Powys Teaching HB	257	0	-	-	-	252	0	-	-	-	-	268	0	-	-	-	-	
Swansea Bay UHB	778	2	100.0	100.0	100.0	825	5	100.0	100.0	100.0	40.0	935	1	100.0	100.0	100.0	-	
Unknown	21	0	-	-	-	17	0	-	-	-	-	17	0	-	-	-	-	
Wales Total	6712	9	100.0	100.0	100.0	7206	10	100.0	90.0	90.0	50.0	8002	12	100.0	100.0	91.7	66.7	

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