

Vaccine Uptake in Children in Wales

October to December 2021

COVER 141: Wales February 2022

Key points

- For one year old children in Wales, uptake of all routine immunisations remained high and above 95% this quarter, with the exception of rotavirus. Uptake of three doses of the “6 in 1” vaccine was 95.9% this quarter and was 95% or higher in six of the seven Health Boards (HBs) and 18 of the 22 Local Authority (LA) areas.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 94.0% this quarter. Two HBs and 11 LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 94.3% this quarter. Two HBs and 13 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 87.9% this quarter and was 89.0% in five year olds.
- School based vaccination sessions for teenagers have recently started for the 2021-22 academic year. Delivery of the first dose of Human Papillomavirus Vaccine (HPV) to the 2021-22 school year 8 children (12-13 year olds) and the second dose in the 2021-22 school year 9 children (13-14 year olds) is currently underway.
- Coverage of the first dose of HPV vaccine in school year 9 (13-14 year olds) is currently 77.3%. Coverage of the second dose of HPV vaccine in school year 10 (14-15 year olds) is currently 41.9%. 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 9.6%. Coverage of the MenACWY vaccine in the 2021-22 school year 10 cohort is 79.7%.
- Uptake of the Td/IPV teenage booster in the 2021-22 school year 9 cohort is currently 9.7%. Coverage of the Td/IPV teenage booster in the 2021-22 school year 10 is 78.9%.
- Coverage of one dose of MMR vaccine in the 2021-22 school year 10 (age 14-15 years) was 95.7%, coverage of two doses was 92.3%.
- Coverage of one dose of MMR vaccine in the 2021-22 school year 11 (age 15-16 years) was 95.1%, coverage of two doses is 91.5%.

Background

These results are for children living in Wales in December 2021 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/10/2021 to 31/12/2021. 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 95.9% this quarter, compared to 95.2% last quarter. Uptake ranged by HB from 93.9% (Cardiff and Vale) to 98.1% (Cwm Taf Morgannwg) and by LA from 92.3% (Conwy) to 98.7% (Rhondda Cynon Taf). Six of the seven HBs and 18 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 increased to 97.4% this quarter, compared to 96.6% last quarter. This is the fourth quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 95.7% (Conwy) to 99.2% (Rhondda Cynon Taf). All of the seven HBs and all 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 95.7% this quarter. Uptake in HBs ranged from 93.2% (Cardiff and Vale) to 98.1% (Cwm Taf Morgannwg) and ranged by LA from 92.7% (Cardiff) to 98.7% (Rhondda Cynon Taf) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 94.1% this quarter, compared to 92.8% last quarter. Uptake in HBs ranged from 91.7% (Cardiff and Vale) to 96.4% (Cwm Taf Morgannwg) and ranged by LA from 89.4% (Conwy) to 97.0% (Ceredigion) (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 94.3% this quarter. Uptake ranged by HB from 91.9% (Cardiff and Vale) to 95.4% (Betsi Cadwaladr) and by LA area from 90.6% (Merthyr Tydfil) to 98.0% (Monmouthshire). Two HBs and 12 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 to 94.0% this quarter compared to 94.2% last quarter. Uptake ranged by HB from 90.6% (Cardiff and Vale) to 95.3% (Betsi Cadwaladr) and by LA from 88.7% (Merthyr Tydfil) to 97.0% (Bridgend). Two of the seven HBs and 11 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 to 94.3% compared to 94.5% last quarter. Uptake ranged by HB from 91.3% (Cardiff and Vale) to 95.7% (Betsi Cadwaladr) and ranged by LA from 88.7% (Merthyr Tydfil) to 98.0% (Monmouthshire). Two HBs and eleven 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 93.8% this quarter compared to 94.2% last quarter. Uptake ranged by HB from 91.0% (Cardiff and Vale) to 95.3% (Betsi Cadwaladr), and ranged by LA from 88.7% (Merthyr Tydfil) to 97.1% (Wrexham). One HBs and ten 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 89.2%
 - The Hib/MenC booster was 94.7%
 - Two doses of MMR was 88.8%

The proportion of children who were up to date with all these routine immunisations at four years of age was 87.9%. This ranged by HB from 85.3% (Cardiff and Vale) to 90.1% (Betsi

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.

Cadwaladr) and by LA from 83.1% (Newport) to 92.9% (Isle of 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 89.0%, a decrease compared to 90.1% last quarter. This ranged by HB from 84.3% (Cardiff and Vale) to 91.9% (Betsi Cadwaladr) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 95.8%. Coverage of two doses of MMR was 90.0%. Coverage of two doses of MMR ranged by HB from 86.0% (Cardiff and Vale) to 92.5% (Betsi Cadwaladr) and by LA from 84.1% (Newport) to 95.1% (Isle of Anglesey) (Figures 1, 2, 3 and 8, Tables 2, 6 and 7).
12. Uptake of the "4 in 1" DTaP/IPV³ pre-school booster in children reaching their fifth birthday decreased to 90.5% this quarter compared to 91.9% last quarter, ranging by HB from 86.4% (Cardiff and Vale) to 93.3% (Betsi Cadwaladr) and by LA from 85.3% (Vale of Glamorgan) to 96.2% (Isle of Anglesey). 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 2021-22 school year 8 cohort (turning 13 years of age during 01/09/21 to 31/08/22) is currently 0.1%. This is the third school cohort to include boys eligible for the HPV vaccine (Table 8a) [1]. 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 77.3% (80.6% in girls and 74.2% in boys) and uptake of the second dose in this age group is currently 1.6% (1.7% in girls and 1.6% 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 41.9% (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 9.6% (Table 10 and 11). Coverage in the 2021-22 school years 10, 11 and 12, is currently 79.7%, 82.1% 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 9.7%. Coverage of two doses of MMR in this year group is currently 92.6% and coverage of one dose is 95.4%. Coverage of two doses of MMR vaccine ranged by HB from 90.2% (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 92.9% (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 78.9%. Coverage ranged by HB from 71.8% (Aneurin Bevan) to 88.8% (Swansea Bay). Coverage of two doses of MMR in this year group was 92.3% and coverage of one dose was 95.7%. Coverage of two doses of MMR vaccine ranged by HB from 90% (Hywel Dda) to 93.8% (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 92.7% (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 82.0%. 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 91.5% and coverage of one dose was 95.1%. Coverage of two doses of MMR vaccine ranged by HB from 87.9% (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 91.9% (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 October 2021 and 31st December 2021) was 91.0%, whilst coverage of one dose of MMR was 94.5%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls was 91.3%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 82.0% (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%, 7.8%, 5.1% and 6.9% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter four of 2021. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (22.6%), two years of age (24.8%) and sixteen years of age (22.1%). Newport LA had the highest proportion of children vaccinated by five years of age (13.2%).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 66.7% and uptake of four doses at their fifth birthday was 85.7%. 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 fifth 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 experience varying levels of disruption accordingly. Coverage of routine vaccinations in the youngest children in Wales remains high and stable, whereas as uptake of vaccinations in older children is more varied.

For the October to December 2021 quarter, uptake of the complete three-dose course of “6 in 1” vaccine by the first birthday remained above 95%. Uptake of all other routine primary immunisations in infants aged one this quarter were also 95% or higher, excluding rotavirus (which cannot be given beyond 24 weeks of age). 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 2018.

The proportion of children who were up to date with their routine immunisations by four years increased 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 have recently started and coverage in this cohort will increase over the next three quarters. Catch-up of these immunisations due in the 2020-21 School Year 9 cohort is ongoing and is currently 79% for the teenage 3 in 1 booster and 80% for MenACWY vaccination, compared to 78% and 79% 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 (2020-21 school year 9), the first cohort to include routine HPV vaccination for boys remains at 81%; with uptake of two doses 42% compared to 38% reported last quarter. Catch-up activities for this cohort will need to continue for school year 10. 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

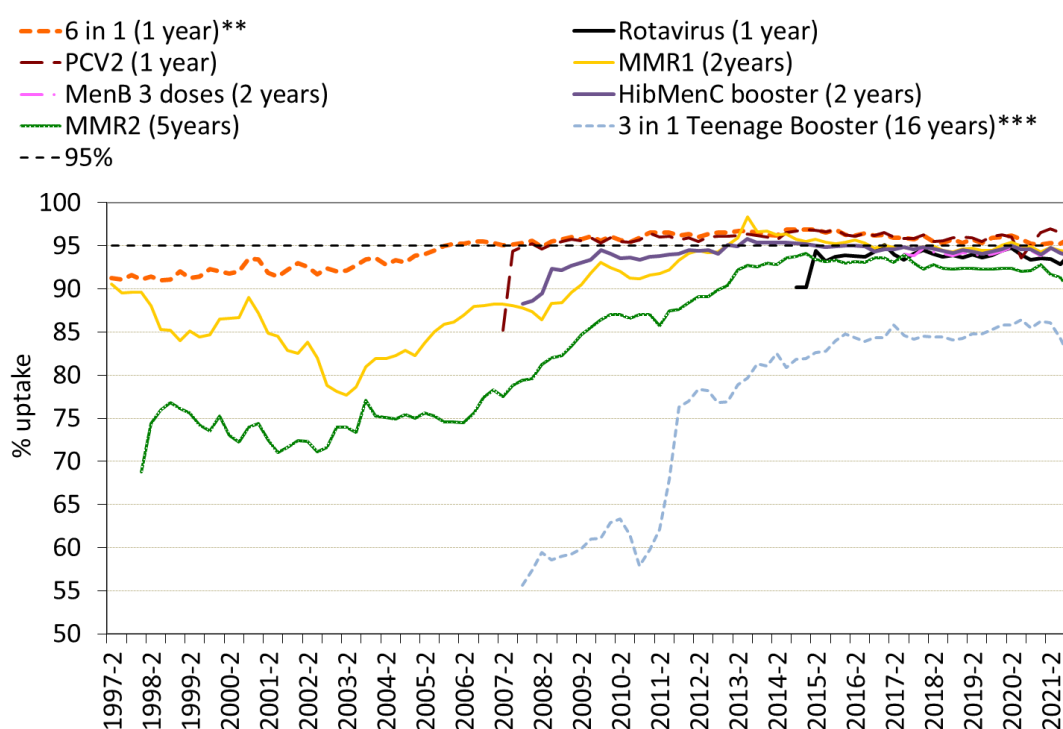
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
2. Welsh Health Circular- Changes to 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, July to September 2021: COVER report 140, November 2021. Cardiff, Public Health Wales. [Cover report Feb 95 \(wales.nhs.uk\)](#)

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 4 2021*.

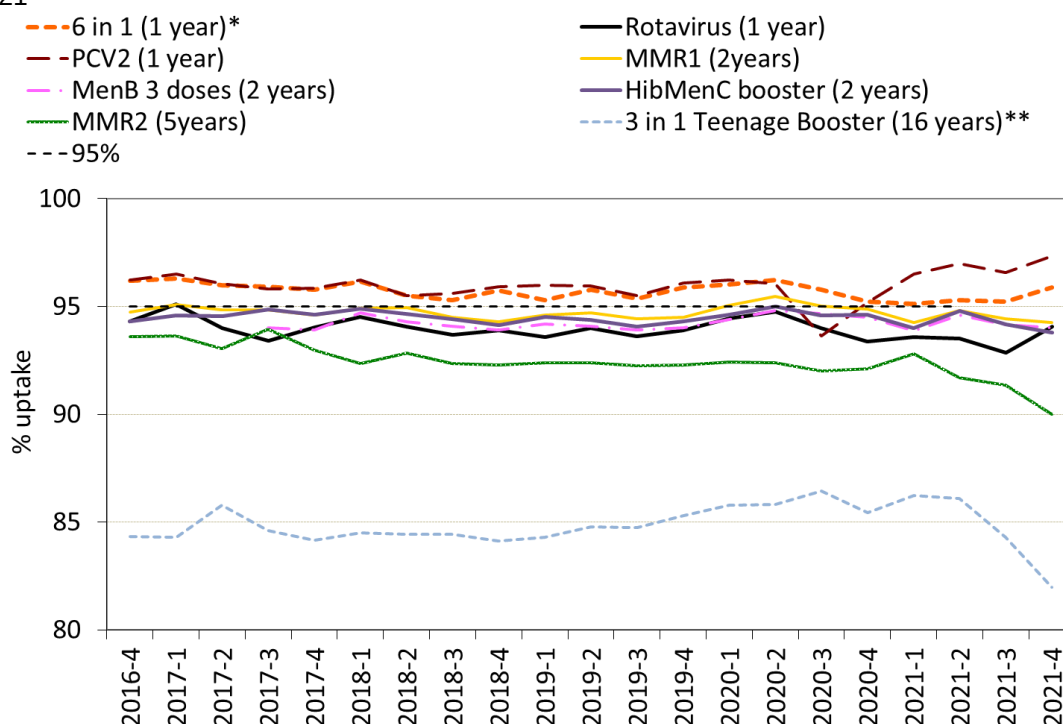


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**Uptake of pertussis used as a proxy.

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

Figure 2. Percentage uptake of childhood immunisations in Wales, quarter 4 2016 to quarter 4 2021***



* 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 01/10/21 and 31/12/21 and resident on 31/12/21.

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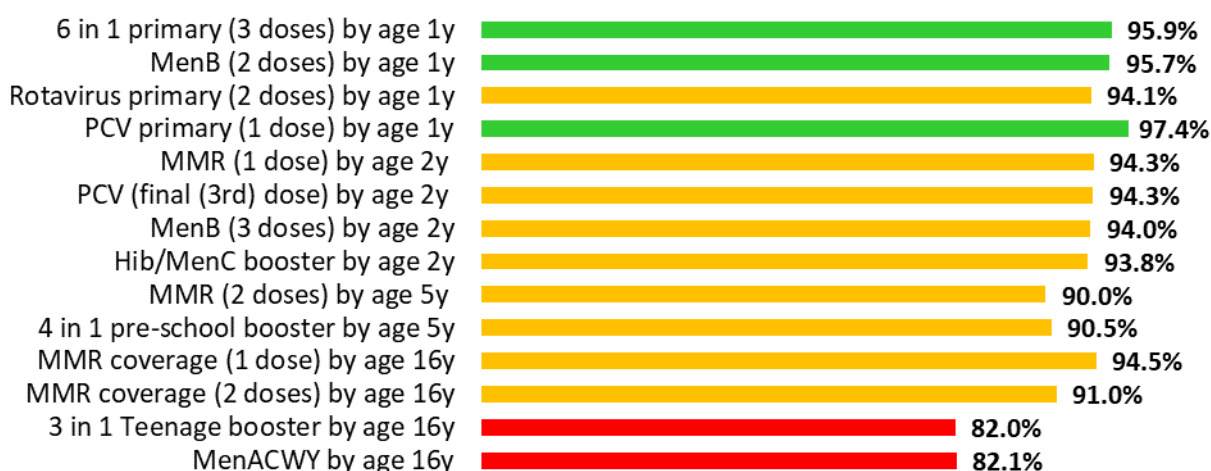


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/10/21 and 31/12/21 and are up to date with all scheduled vaccines⁷ by health board.



Table 1. Percentages of resident children reaching their 4th birthday during quarter 4 2020 to quarter 4 2021 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2020-4	2021-1	2021-2	2021-3	2021-4
Aneurin Bevan UHB	86.1	88.6	87.4	87.2	86.8
Betsi Cadwaladr UHB	88.8	90.3	89.2	88.0	90.1
Cardiff and Vale UHB	81.4	86.2	85.1	84.9	85.3
Cwm Taf Morgannwg UHB	89.0	90.4	88.9	90.3	90.0
Hywel Dda UHB	85.6	85.4	87.0	86.7	88.3
Powys Teaching HB	90.4	92.9	91.9	89.7	87.4
Swansea Bay UHB	87.2	86.3	88.0	87.6	86.6
Wales	86.5	88.3	87.8	87.5	87.9

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 2021, who are up to date with all scheduled vaccines⁷, by health board.

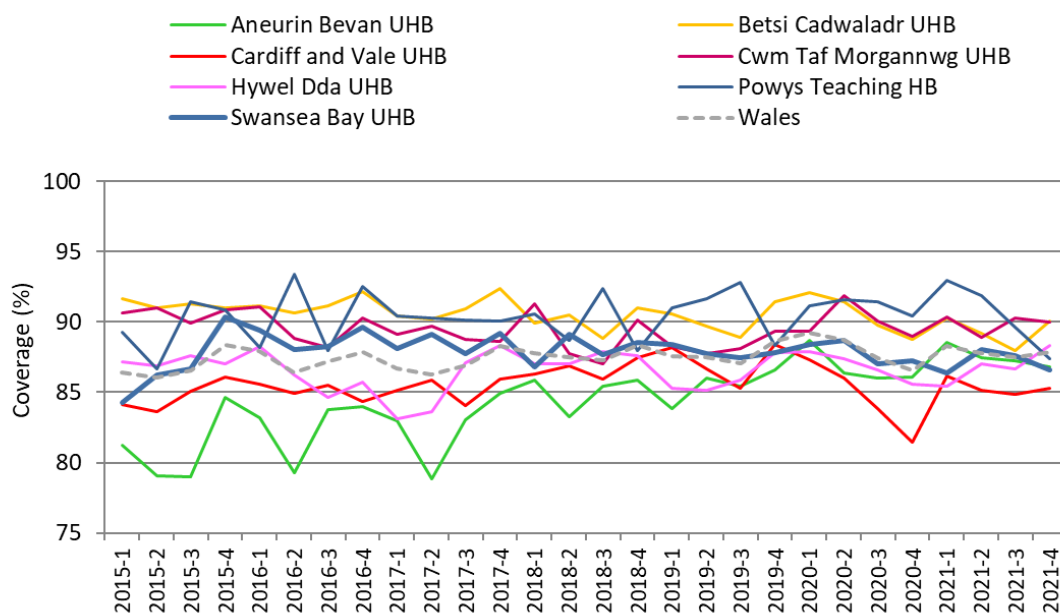


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/10/21 and 31/12/21.

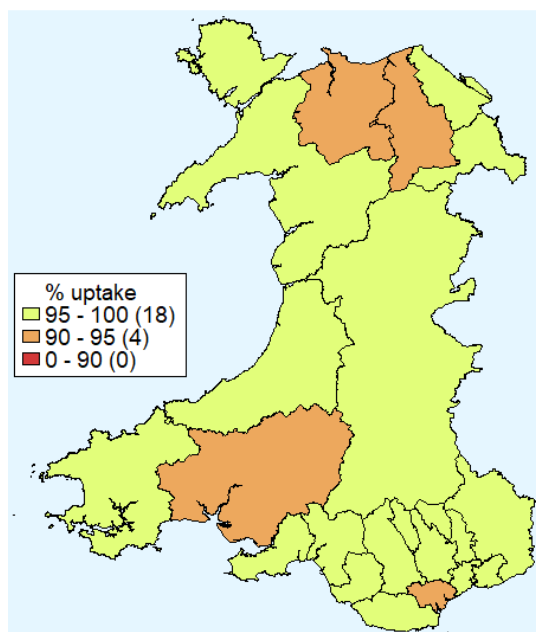


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/10/21 and 31/12/21.

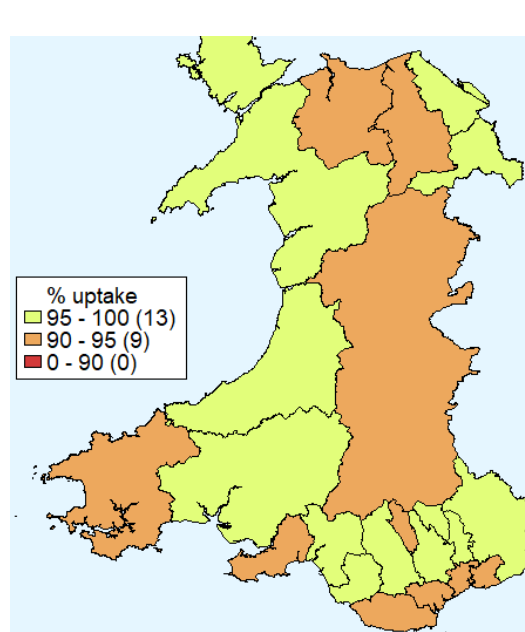


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/10/21 and 31/12/21.

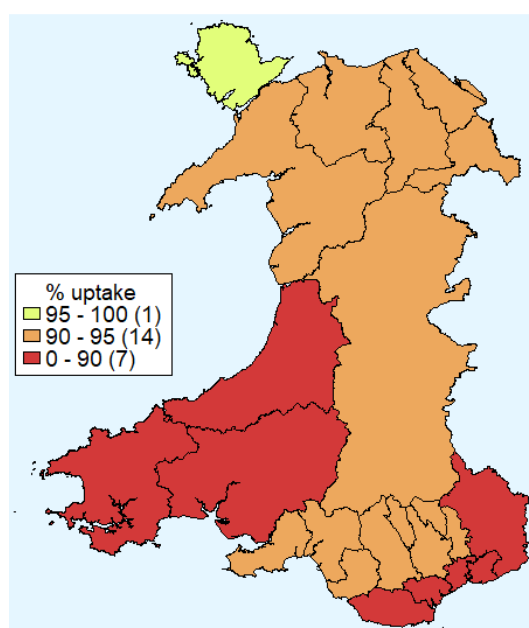


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/10/21 and 31/12/21.

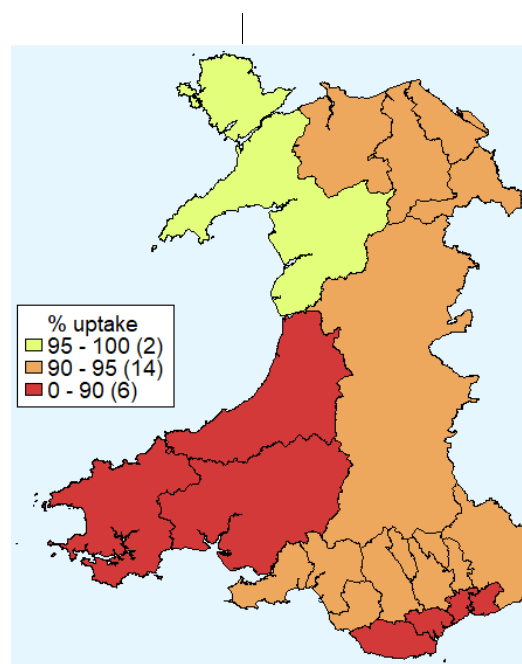


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/10/21 and 31/12/21 and resident on 31/12/21.

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	153	96.7	96.7	98.7	94.8	179	95.0	94.4	93.9	93.3	189	84.1	191	93.2	93.7	183	97.8	95.6	86.3	86.3
Caerphilly LA	404	96.8	97.3	97.8	95.0	446	95.3	95.5	95.7	95.5	514	90.5	507	93.3	93.5	521	97.1	95.0	82.1	82.1
Monmouthshire LA	185	98.4	98.4	98.4	94.6	198	98.0	98.0	96.5	96.5	192	91.1	249	89.2	90.4	268	91.0	89.2	77.2	76.5
Newport LA	414	96.1	95.7	97.6	93.5	479	92.5	92.9	92.7	92.5	509	83.1	547	84.1	85.6	475	93.9	89.1	76.6	76.8
Torfaen LA	220	95.0	95.9	96.4	93.2	244	95.5	95.5	95.5	94.3	289	85.8	265	93.2	94.3	293	95.2	91.1	71.3	70.6
Health Board Total	1376	96.5	96.7	97.7	94.2	1546	94.8	94.9	94.6	94.2	1693	86.8	1759	89.8	90.7	1740	95.1	91.9	78.5	78.3
Betsi Cadwaladr UHB																				
Anglesey LA	125	96.8	96.0	98.4	95.2	146	95.9	96.6	96.6	96.6	154	92.9	185	95.1	96.2	174	98.9	93.7	85.6	86.8
Conwy LA	235	92.3	93.2	95.7	89.4	233	93.6	93.6	93.6	93.6	287	87.5	281	90.7	90.7	310	92.6	90.3	84.8	84.5
Denbighshire LA	224	94.6	94.6	96.9	93.8	232	93.1	92.7	91.4	92.7	235	89.8	248	91.5	91.9	291	95.9	93.8	79.0	79.0
Flintshire LA	329	95.7	95.4	96.4	92.4	345	96.5	96.8	96.8	95.7	423	91.0	435	92.2	92.9	394	93.9	90.4	71.6	71.6
Gwynedd LA	235	96.6	95.7	97.9	95.3	264	95.8	96.2	95.5	95.5	256	89.1	287	93.7	95.1	329	96.0	93.9	86.6	86.0
Wrexham LA	315	96.8	97.1	98.7	95.6	345	96.5	97.1	96.8	97.1	364	90.7	358	92.5	93.6	425	97.2	95.8	76.5	77.2
Health Board Total	1463	95.5	95.4	97.3	93.5	1565	95.4	95.7	95.3	95.3	1719	90.1	1794	92.5	93.3	1923	95.5	93.0	79.8	79.9
Cardiff and Vale UHB																				
Cardiff LA	871	93.3	92.7	96.1	90.8	939	91.7	91.2	90.5	91.1	984	84.3	1068	86.4	86.8	1035	93.2	87.2	75.4	75.9
Vale of Glamorgan LA	291	95.5	94.8	97.3	94.5	310	92.6	91.6	91.0	91.0	356	87.9	381	84.8	85.3	354	93.8	91.2	84.5	85.0
Health Board Total	1162	93.9	93.2	96.4	91.7	1249	91.9	91.3	90.6	91.0	1340	85.3	1449	86.0	86.4	1389	93.4	88.3	77.7	78.3
Cwm Taf Morgannwg UHB																				
Bridgend LA	312	97.8	97.8	98.4	96.8	363	96.7	97.0	97.0	96.1	365	91.2	386	91.7	91.7	395	93.9	90.9	91.1	91.1
Merthyr Tydfil LA	153	96.7	96.7	96.7	95.4	159	90.6	88.7	88.7	88.7	181	89.5	179	92.7	92.2	160	93.8	90.0	91.3	90.6
Rhondda Cynon Taf LA	531	98.7	98.7	99.2	96.4	607	95.1	95.4	95.4	95.4	654	89.4	655	91.1	92.1	740	95.5	92.3	90.3	89.7
Health Board Total	996	98.1	98.1	98.6	96.4	1129	95.0	95.0	95.0	94.7	1200	90.0	1220	91.6	92.0	1295	94.8	91.6	90.7	90.3
Hywel Dda UHB																				
Carmarthenshire LA	420	94.8	94.8	97.4	93.3	425	95.3	95.5	95.3	95.1	465	89.5	473	88.8	89.0	541	91.3	88.4	87.1	86.1
Ceredigion LA	132	96.2	95.5	96.2	97.0	142	97.2	96.5	96.5	96.5	148	87.2	144	88.9	88.9	147	93.9	91.2	88.4	89.1
Pembrokeshire LA	285	95.8	95.4	97.5	94.4	245	92.7	92.2	91.8	91.8	287	87.1	310	87.7	88.1	332	94.0	89.2	61.1	60.8
Health Board Total	837	95.3	95.1	97.3	94.3	812	94.8	94.7	94.5	94.3	900	88.3	927	88.5	88.7	1020	92.5	89.0	78.8	78.3
Powys Teaching UHB																				
Health Board Total	254	96.1	96.5	96.9	94.1	249	93.2	94.0	94.4	93.2	302	87.4	299	91.0	91.6	322	90.4	86.6	85.7	84.2
Swansea Bay UHB																				
Neath Port Talbot LA	299	97.0	96.7	98.7	96.3	314	95.2	94.6	94.9	94.3	381	88.2	395	91.6	92.4	404	96.5	93.3	88.1	87.9
Swansea LA	512	95.5	95.1	96.3	94.1	569	93.0	93.3	93.3	92.3	626	85.6	605	90.9	90.1	621	96.0	91.1	91.3	91.0
Health Board Total	811	96.1	95.7	97.2	94.9	883	93.8	93.8	93.9	93.0	1007	86.6	1000	91.2	91.0	1025	96.2	92.0	90.0	89.8
Unknown	15	100.0	100.0	93.3	100.0	13	84.6	84.6	84.6	84.6	13	69.2	12	66.7	83.3	19	100.0	94.7	73.7	78.9
Wales Total	6914	95.9	95.7	97.4	94.1	7446	94.3	94.3	94.0	93.8	8174	87.9	8460	90.0	90.5	8733	94.5	91.0	82.1	82.0

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 01/10/21 and 31/12/21 and resident on 31/12/21.

Area	Resident children	D3		T3		P3		Po3		Hib3		HepB		MMR1		Rotavirus		PCV ¹		Men B ²		HibMenC	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																							
Blaenau Gwent LA	153	148	96.7	148	96.7	148	96.7	148	96.7	148	96.7	148	96.7	0	0.0	145	94.8	151	98.7	148	96.7	0	0.0
Caerphilly LA	404	391	96.8	391	96.8	391	96.8	391	96.8	391	96.8	391	96.8	0	0.0	384	95.0	395	97.8	393	97.3	0	0.0
Monmouthshire LA	185	182	98.4	182	98.4	182	98.4	182	98.4	182	98.4	182	98.4	1	0.5	175	94.6	182	98.4	182	98.4	1	0.5
Newport LA	414	398	96.1	398	96.1	398	96.1	398	96.1	398	96.1	398	96.1	0	0.0	387	93.5	404	97.6	396	95.7	0	0.0
Torfaen LA	220	209	95.0	209	95.0	209	95.0	209	95.0	209	95.0	209	95.0	0	0.0	205	93.2	212	96.4	211	95.9	0	0.0
Health Board Total	1376	1328	96.5	1328	96.5	1328	96.5	1328	96.5	1328	96.5	1328	96.5	1	0.1	1296	94.2	1344	97.7	1330	96.7	1	0.1
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	125	121	96.8	121	96.8	121	96.8	121	96.8	121	96.8	121	96.8	1	0.8	119	95.2	123	98.4	120	96.0	1	0.8
Conwy LA	235	217	92.3	217	92.3	217	92.3	217	92.3	217	92.3	217	92.3	0	0.0	210	89.4	225	95.7	219	93.2	0	0.0
Denbighshire LA	224	212	94.6	212	94.6	212	94.6	212	94.6	212	94.6	211	94.2	0	0.0	210	93.8	217	96.9	212	94.6	0	0.0
Flintshire LA	329	315	95.7	315	95.7	315	95.7	315	95.7	315	95.7	315	95.7	0	0.0	304	92.4	317	96.4	314	95.4	0	0.0
Gwynedd LA	235	227	96.6	227	96.6	227	96.6	227	96.6	227	96.6	226	96.2	0	0.0	224	95.3	230	97.9	225	95.7	0	0.0
Wrexham LA	315	305	96.8	305	96.8	305	96.8	305	96.8	305	96.8	303	96.2	0	0.0	301	95.6	311	98.7	306	97.1	0	0.0
Health Board Total	1463	1397	95.5	1397	95.5	1397	95.5	1397	95.5	1397	95.5	1393	95.2	1	0.1	1368	93.5	1423	97.3	1396	95.4	1	0.1
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	871	813	93.3	813	93.3	813	93.3	813	93.3	813	93.3	813	93.3	3	0.3	791	90.8	837	96.1	807	92.7	3	0.3
Vale of Glamorgan LA	291	278	95.5	278	95.5	278	95.5	278	95.5	278	95.5	278	95.5	0	0.0	275	94.5	283	97.3	276	94.8	0	0.0
Health Board Total	1162	1091	93.9	1091	93.9	1091	93.9	1091	93.9	1091	93.9	1091	93.9	3	0.3	1066	91.7	1120	96.4	1083	93.2	3	0.3
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	312	305	97.8	305	97.8	305	97.8	305	97.8	305	97.8	305	97.8	1	0.3	302	96.8	307	98.4	305	97.8	0	0.0
Merthyr Tydfil LA	153	148	96.7	148	96.7	148	96.7	148	96.7	148	96.7	148	96.7	0	0.0	146	95.4	148	96.7	148	96.7	0	0.0
Rhondda Cynon Taf LA	531	524	98.7	524	98.7	524	98.7	524	98.7	524	98.7	524	98.7	0	0.0	512	96.4	527	99.2	524	98.7	0	0.0
Health Board Total	996	977	98.1	977	98.1	977	98.1	977	98.1	977	98.1	977	98.1	1	0.1	960	96.4	982	98.6	977	98.1	0	0.0
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	420	398	94.8	398	94.8	398	94.8	398	94.8	398	94.8	398	94.8	1	0.2	392	93.3	409	97.4	398	94.8	1	0.2
Ceredigion LA	132	127	96.2	127	96.2	127	96.2	127	96.2	127	96.2	127	96.2	0	0.0	128	97.0	127	96.2	126	95.5	0	0.0
Pembrokeshire LA	285	273	95.8	273	95.8	273	95.8	273	95.8	273	95.8	273	95.8	0	0.0	269	94.4	278	97.5	272	95.4	0	0.0
Health Board Total	837	798	95.3	798	95.3	798	95.3	798	95.3	798	95.3	798	95.3	1	0.1	789	94.3	814	97.3	796	95.1	1	0.1
<u>Powys Teaching HB</u>																							
Health Board Total	254	244	96.1	244	96.1	244	96.1	244	96.1	244	96.1	244	96.1	0	0.0	239	94.1	246	96.9	245	96.5	0	0.0
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	299	290	97.0	290	97.0	290	97.0	290	97.0	290	97.0	290	97.0	0	0.0	288	96.3	295	98.7	289	96.7	0	0.0
Swansea LA	512	490	95.7	490	95.7	489	95.5	490	95.7	490	95.7	491	95.9	0	0.0	482	94.1	493	96.3	487	95.1	0	0.0
Health Board Total	811	780	96.2	780	96.2	779	96.1	780	96.2	780	96.2	781	96.3	0	0.0	770	94.9	788	97.2	776	95.7	0	0.0
Unknown	15	15	100.0	15	100.0	15	100.0	15	100.0	15	100.0	15	100.0	0	0.0	15	100.0	14	93.3	15	100.0	0	0.0
Wales Total	6914	6630	95.9	6630	95.9	6629	95.9	6630	95.9	6630	95.9	6627	95.8	7	0.1	6503	94.1	6731	97.4	6618	95.7	6	0.1

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 01/10/21 and 31/12/21 and resident on 31/12/21.

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/10/21 and 31/12/21 and resident on 31/12/21.

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	179	172	96.1	172	96.1	172	96.1	172	96.1	172	96.1	172	96.1	170	95.0	167	93.3	169	94.4	168	93.9	167	93.3
Caerphilly LA	446	434	97.3	434	97.3	434	97.3	434	97.3	434	97.3	434	97.3	425	95.3	428	96.0	426	95.5	427	95.7	426	95.5
Monmouthshire LA	198	195	98.5	195	98.5	195	98.5	195	98.5	195	98.5	194	98.0	194	98.0	190	96.0	194	98.0	191	96.5	191	96.5
Newport LA	479	451	94.2	451	94.2	451	94.2	451	94.2	451	94.2	450	93.9	443	92.5	448	93.5	445	92.9	444	92.7	443	92.5
Torfaen LA	244	237	97.1	237	97.1	237	97.1	237	97.1	237	97.1	236	96.7	233	95.5	236	96.7	233	95.5	233	95.5	230	94.3
Health Board Total	1546	1489	96.3	1489	96.3	1489	96.3	1489	96.3	1489	96.3	1486	96.1	1465	94.8	1469	95.0	1467	94.9	1463	94.6	1457	94.2
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	146	142	97.3	142	97.3	142	97.3	142	97.3	142	97.3	142	97.3	140	95.9	141	96.6	141	96.6	141	96.6	141	96.6
Conwy LA	233	221	94.8	221	94.8	221	94.8	221	94.8	221	94.8	220	94.4	218	93.6	220	94.4	218	93.6	218	93.6	218	93.6
Denbighshire LA	232	220	94.8	220	94.8	220	94.8	220	94.8	220	94.8	219	94.4	216	93.1	217	93.5	215	92.7	212	91.4	215	92.7
Flintshire LA	345	337	97.7	337	97.7	337	97.7	337	97.7	337	97.7	337	97.7	333	96.5	331	95.9	334	96.8	334	96.8	330	95.7
Gwynedd LA	264	256	97.0	256	97.0	256	97.0	256	97.0	256	97.0	255	96.6	253	95.8	253	95.8	254	96.2	252	95.5	252	95.5
Wrexham LA	345	337	97.7	337	97.7	337	97.7	337	97.7	336	97.4	337	97.7	333	96.5	336	97.4	335	97.1	334	96.8	335	97.1
Health Board Total	1565	1513	96.7	1513	96.7	1513	96.7	1513	96.7	1512	96.6	1510	96.5	1493	95.4	1498	95.7	1497	95.7	1491	95.3	1491	95.3
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	939	886	94.4	886	94.4	886	94.4	887	94.5	886	94.4	886	94.4	861	91.7	861	91.7	856	91.2	850	90.5	855	91.1
Vale of Glamorgan LA	310	293	94.5	293	94.5	293	94.5	293	94.5	293	94.5	292	94.2	287	92.6	288	92.9	284	91.6	282	91.0	282	91.0
Health Board Total	1249	1179	94.4	1179	94.4	1179	94.4	1180	94.5	1179	94.4	1178	94.3	1148	91.9	1149	92.0	1140	91.3	1132	90.6	1137	91.0
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	363	358	98.6	358	98.6	358	98.6	358	98.6	358	98.6	357	98.3	351	96.7	353	97.2	352	97.0	352	97.0	349	96.1
Merthyr Tydfil LA	159	151	95.0	151	95.0	151	95.0	151	95.0	151	95.0	151	95.0	144	90.6	155	97.5	141	88.7	141	88.7	141	88.7
Rhondda Cynon Taf LA	607	592	97.5	592	97.5	592	97.5	592	97.5	592	97.5	592	97.5	577	95.1	585	96.4	579	95.4	579	95.4	579	95.4
Health Board Total	1129	1101	97.5	1101	97.5	1101	97.5	1101	97.5	1101	97.5	1100	97.4	1072	95.0	1093	96.8	1072	95.0	1072	95.0	1069	94.7
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	425	416	97.9	416	97.9	416	97.9	416	97.9	415	97.6	416	97.9	405	95.3	406	95.5	406	95.5	405	95.3	404	95.1
Ceredigion LA	142	139	97.9	139	97.9	139	97.9	139	97.9	139	97.9	137	96.5	138	97.2	136	95.8	137	96.5	137	96.5	137	96.5
Pembrokeshire LA	245	230	93.9	230	93.9	230	93.9	230	93.9	230	93.9	231	94.3	227	92.7	227	92.7	226	92.2	225	91.8	225	91.8
Health Board Total	812	785	96.7	785	96.7	785	96.7	785	96.7	784	96.6	784	96.6	770	94.8	769	94.7	769	94.7	767	94.5	766	94.3
<u>Powys Teaching HB</u>																							
Health Board Total	249	238	95.6	238	95.6	238	95.6	238	95.6	238	95.6	238	95.6	232	93.2	238	95.6	234	94.0	235	94.4	232	93.2
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	314	307	97.8	307	97.8	307	97.8	307	97.8	307	97.8	307	97.8	299	95.2	304	96.8	297	94.6	298	94.9	296	94.3
Swansea LA	569	545	95.8	545	95.8	545	95.8	545	95.8	545	95.8	545	95.8	529	93.0	537	94.4	531	93.3	531	93.3	525	92.3
Health Board Total	883	852	96.5	852	96.5	852	96.5	852	96.5	852	96.5	852	96.5	828	93.8	841	95.2	828	93.8	829	93.9	821	93.0
Unknown	13	11	84.6	11	84.6	11	84.6	11	84.6	11	84.6	11	84.6	11	84.6	11	84.6	11	84.6	11	84.6	11	84.6
Wales Total	7446	7168	96.3	7168	96.3	7168	96.3	7169	96.3	7166	96.2	7159	96.1	7019	94.3	7068	94.9	7018	94.3	7000	94.0	6984	93.8

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 01/10/21 and 31/12/21 and resident on 31/12/21. 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)	(%)
Aneurin Bevan University HB									
Blaenau Gwent LA	189	163	86.2	179	94.7	162	85.7	159	84.1
Caerphilly LA	514	472	91.8	501	97.5	472	91.8	465	90.5
Monmouthshire LA	192	180	93.8	181	94.3	178	92.7	175	91.1
Newport LA	509	439	86.2	470	92.3	438	86.1	423	83.1
Torfaen LA	289	251	86.9	275	95.2	249	86.2	248	85.8
Health Board Total	1693	1505	88.9	1606	94.9	1499	88.5	1470	86.8
Betsi Cadwaladr University HB									
Anglesey LA	154	144	93.5	150	97.4	144	93.5	143	92.9
Conwy LA	287	254	88.5	273	95.1	253	88.2	251	87.5
Denbighshire LA	235	212	90.2	223	94.9	211	89.8	211	89.8
Flintshire LA	423	387	91.5	411	97.2	386	91.3	385	91.0
Gwynedd LA	256	233	91.0	240	93.8	231	90.2	228	89.1
Wrexham LA	364	332	91.2	348	95.6	333	91.5	330	90.7
Health Board Total	1719	1562	90.9	1645	95.7	1558	90.6	1548	90.1
Cardiff and Vale University HB									
Cardiff LA	984	843	85.7	923	93.8	838	85.2	830	84.3
Vale of Glamorgan LA	356	317	89.0	333	93.5	314	88.2	313	87.9
Health Board Total	1340	1160	86.6	1256	93.7	1152	86.0	1143	85.3
Cwm Taf Morgannwg University HB									
Bridgend LA	365	337	92.3	345	94.5	336	92.1	333	91.2
Merthyr Tydfil LA	181	164	90.6	176	97.2	163	90.1	162	89.5
Rhondda Cynon Taf LA	654	594	90.8	628	96.0	589	90.1	585	89.4
Health Board Total	1200	1095	91.3	1149	95.8	1088	90.7	1080	90.0
Hywel Dda University HB									
Carmarthenshire LA	465	421	90.5	443	95.3	417	89.7	416	89.5
Ceredigion LA	148	130	87.8	137	92.6	129	87.2	129	87.2
Pembrokeshire LA	287	250	87.1	266	92.7	251	87.5	250	87.1
Health Board Total	900	801	89.0	846	94.0	797	88.6	795	88.3
Powys Teaching HB									
Health Board Total	302	272	90.1	282	93.4	270	89.4	264	87.4
Swansea Bay University HB									
Neath Port Talbot LA	381	340	89.2	363	95.3	338	88.7	336	88.2
Swansea LA	626	546	87.2	586	93.6	548	87.5	536	85.6
Health Board Total	1007	886	88.0	949	94.2	886	88.0	872	86.6
Unknown	13	11	84.6	11	84.6	9	69.2	9	69.2
Wales Total	8174	7292	89.2	7744	94.7	7259	88.8	7181	87.9

¹ Uptake of acellular pertussis used as proxy

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

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/10/21 and 31/12/21 and resident on 31/12/21. The proportion of children who have received all of these vaccines by their 5th birthday is also presented.

Area	Resident children	4 in 1 Preschool Booster ¹		HibMenCb		MMR dose 2		Up to date in schedule ²	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	191	179	93.7	184	96.3	178	93.2	176	92.1
Caerphilly LA	507	474	93.5	493	97.2	473	93.3	472	93.1
Monmouthshire LA	249	225	90.4	230	92.4	222	89.2	216	86.7
Newport LA	547	468	85.6	496	90.7	460	84.1	453	82.8
Torfaen LA	265	250	94.3	254	95.8	247	93.2	244	92.1
Health Board Total	1759	1596	90.7	1657	94.2	1580	89.8	1561	88.7
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	185	178	96.2	179	96.8	176	95.1	176	95.1
Conwy LA	281	255	90.7	269	95.7	255	90.7	252	89.7
Denbighshire LA	248	228	91.9	236	95.2	227	91.5	225	90.7
Flintshire LA	435	404	92.9	416	95.6	401	92.2	398	91.5
Gwynedd LA	287	273	95.1	274	95.5	269	93.7	268	93.4
Wrexham LA	358	335	93.6	340	95.0	331	92.5	329	91.9
Health Board Total	1794	1673	93.3	1714	95.5	1659	92.5	1648	91.9
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1068	927	86.8	989	92.6	923	86.4	905	84.7
Vale of Glamorgan LA	381	325	85.3	353	92.7	323	84.8	317	83.2
Health Board Total	1449	1252	86.4	1342	92.6	1246	86.0	1222	84.3
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	386	354	91.7	373	96.6	354	91.7	353	91.5
Merthyr Tydfil LA	179	165	92.2	171	95.5	166	92.7	162	90.5
Rhondda Cynon Taf LA	655	603	92.1	633	96.6	597	91.1	595	90.8
Health Board Total	1220	1122	92.0	1177	96.5	1117	91.6	1110	91.0
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	473	421	89.0	454	96.0	420	88.8	417	88.2
Ceredigion LA	144	128	88.9	134	93.1	128	88.9	127	88.2
Pembrokeshire LA	310	273	88.1	293	94.5	272	87.7	269	86.8
Health Board Total	927	822	88.7	881	95.0	820	88.5	813	87.7
<u>Powys Teaching HB</u>									
Health Board Total	299	274	91.6	278	93.0	272	91.0	271	90.6
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	395	365	92.4	384	97.2	362	91.6	361	91.4
Swansea LA	605	545	90.1	575	95.0	550	90.9	539	89.1
Health Board Total	1000	910	91.0	959	95.9	912	91.2	900	90.0
Unknown	12	10	83.3	11	91.7	8	66.7	8	66.7
Wales Total	8460	7659	90.5	8019	94.8	7614	90.0	7533	89.0

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 01/10/21 and 31/12/21 and resident on 31/12/21.

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	191	188 98.4	188 98.4	188 98.4	188 98.4	188 98.4	1 0.5	183 95.8	184 96.3	186 97.4	178 93.2	179 93.7	179 93.7	179 93.7	179 93.7
Caerphilly LA	507	497 98.0	497 98.0	497 98.0	497 98.0	497 98.0	2 0.4	489 96.4	493 97.2	495 97.6	473 93.3	474 93.5	474 93.5	474 93.5	474 93.5
Monmouthshire LA	249	234 94.0	234 94.0	234 94.0	234 94.0	234 94.0	1 0.4	228 91.6	230 92.4	237 95.2	222 89.2	225 90.4	225 90.4	225 90.4	225 90.4
Newport LA	547	509 93.1	509 93.1	509 93.1	509 93.1	509 93.1	4 0.7	483 88.3	496 90.7	506 92.5	460 84.1	468 85.6	468 85.6	468 85.6	468 85.6
Torfaen LA	265	261 98.5	261 98.5	261 98.5	261 98.5	261 98.5	1 0.4	255 96.2	254 95.8	258 97.4	247 93.2	250 94.3	250 94.3	250 94.3	250 94.3
Health Board Total	1759	1689 96.0	1689 96.0	1689 96.0	1689 96.0	1689 96.0	9 0.5	1638 93.1	1657 94.2	1682 95.6	1580 89.8	1596 90.7	1596 90.7	1596 90.7	1596 90.7
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	185	180 97.3	180 97.3	180 97.3	180 97.3	180 97.3	0 0.0	177 95.7	179 96.8	180 97.3	176 95.1	178 96.2	178 96.2	178 96.2	178 96.2
Conwy LA	281	271 96.4	271 96.4	271 96.4	271 96.4	271 96.4	0 0.0	260 92.5	269 95.7	270 96.1	255 90.7	255 90.7	255 90.7	255 90.7	255 90.7
Denbighshire LA	248	237 95.6	237 95.6	237 95.6	237 95.6	237 95.6	0 0.0	232 93.5	236 95.2	237 95.6	227 91.5	228 91.9	228 91.9	228 91.9	228 91.9
Flintshire LA	435	417 95.9	417 95.9	417 95.9	417 95.9	417 95.9	0 0.0	406 93.3	416 95.6	421 96.8	401 92.2	404 92.9	404 92.9	404 92.9	404 92.9
Gwynedd LA	287	278 96.9	278 96.9	278 96.9	278 96.9	278 96.9	0 0.0	274 95.5	274 95.5	275 95.8	269 93.7	273 95.1	273 95.1	273 95.1	273 95.1
Wrexham LA	358	346 96.6	346 96.6	346 96.6	346 96.6	346 96.6	2 0.6	340 95.3	340 95.0	342 95.5	331 92.5	335 93.6	335 93.6	335 93.6	335 93.6
Health Board Total	1794	1729 96.4	1729 96.4	1729 96.4	1729 96.4	1729 96.4	2 0.1	1689 94.1	1714 95.5	1725 96.2	1659 92.5	1673 93.3	1673 93.3	1673 93.3	1673 93.3
<u>Cardiff and Vale University HB</u>															
Cardiff LA	1068	1021 95.6	1021 95.6	1021 95.6	1021 95.6	1021 95.6	13 1.2	969 90.7	989 92.6	1013 94.9	923 86.4	927 86.8	927 86.8	927 86.8	928 86.9
Vale of Glamorgan LA	381	370 97.1	370 97.1	370 97.1	370 97.1	369 96.9	4 1.0	345 90.6	353 92.7	362 95.0	323 84.8	325 85.3	325 85.3	325 85.3	325 85.3
Health Board Total	1449	1391 96.0	1391 96.0	1391 96.0	1391 96.0	1391 96.0	17 1.2	1314 90.7	1342 92.6	1375 94.9	1246 86.0	1252 86.4	1252 86.4	1252 86.4	1253 86.5
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	386	376 97.4	376 97.4	376 97.4	376 97.4	377 97.7	2 0.5	371 96.1	373 96.6	374 96.9	354 91.7	354 91.7	354 91.7	354 91.7	354 91.7
Merthyr Tydfil LA	179	177 98.9	177 98.9	177 98.9	177 98.9	177 98.9	0 0.0	174 97.2	171 95.5	174 97.2	166 92.7	165 92.2	165 92.2	165 92.2	165 92.2
Rhondda Cynon Taf LA	655	638 97.4	638 97.4	638 97.4	638 97.4	638 97.4	0 0.0	632 96.5	633 96.6	636 97.1	597 91.1	603 92.1	603 92.1	603 92.1	603 92.1
Health Board Total	1220	1191 97.6	1191 97.6	1191 97.6	1191 97.6	1192 97.7	2 0.2	1177 96.5	1177 96.5	1184 97.0	1117 91.6	1122 92.0	1122 92.0	1122 92.0	1122 92.0
<u>Hywel Dda University HB</u>															
Cardiff and Vale LA	473	456 96.4	456 96.4	456 96.4	456 96.4	456 96.4	0 0.0	444 93.9	454 96.0	452 95.6	420 88.8	421 89.0	421 89.0	421 89.0	421 89.0
Ceredigion LA	144	137 95.1	137 95.1	137 95.1	137 95.1	137 95.1	0 0.0	130 90.3	134 93.1	135 93.8	128 88.9	128 88.9	128 88.9	128 88.9	127 88.2
Pembrokeshire LA	310	298 96.1	298 96.1	298 96.1	298 96.1	297 95.8	0 0.0	286 92.3	293 94.5	297 95.8	272 87.7	273 88.1	273 88.1	273 88.1	273 88.1
Health Board Total	927	891 96.1	891 96.1	891 96.1	891 96.1	890 96.0	0 0.0	860 92.8	881 95.0	884 95.4	820 88.5	822 88.7	822 88.7	822 88.7	821 88.6
<u>Powys Teaching HB</u>															
Health Board Total	299	279 93.3	279 93.3	279 93.3	279 93.3	279 93.3	1 0.3	275 92	278 93.0	277 92.6	272 91.0	274 91.6	274 91.6	274 91.6	274 91.6
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	395	387 98.0	387 98.0	387 98.0	387 98.0	387 98.0	0 0.0	381 96.5	384 97.2	386 97.7	362 91.6	365 92.4	365 92.4	365 92.4	365 92.4
Swansea LA	605	582 96.2	582 96.2	582 96.2	582 96.2	582 96.2	5 0.8	566 93.6	575 95.0	584 96.5	550 90.9	545 90.1	545 90.1	545 90.1	545 90.1
Health Board Total	1000	969 96.9	969 96.9	969 96.9	969 96.9	969 96.9	5 0.5	947 94.7	959 95.9	970 97.0	912 91.2	910 91.0	910 91.0	910 91.0	910 91.0
Unknown	12	11 91.7	11 91.7	11 91.7	11 91.7	11 91.7	0 0.0	11 91.7	11 91.7	10 83.3	8 66.7	10 83.3	10 83.3	10 83.3	10 83.3
Wales Total	8460	8150 96.3	8150 96.3	8150 96.3	8150 96.3	8150 96.3	36 0.4	7911 93.5	8019 94.8	8107 95.8	7614 90.0	7659 90.5	7659 90.5	7659 90.5	7659 90.5

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 31/12/21, with breakdown of coverage for sex.

Area	Resident children	HPV 1 dose		Resident girls	HPV 1 dose (girls)		Resident boys	HPV 1 dose (boys)	
	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	808	1	0.1	382	0	0.0	426	1	0.2
Caerphilly LA	2196	0	0.0	1064	0	0.0	1132	0	0.0
Monmouthshire LA	1069	6	0.6	532	3	0.6	537	3	0.6
Newport LA	2145	1	0.0	1005	0	0.0	1139	1	0.1
Torfaen LA	1155	2	0.2	539	1	0.2	615	1	0.2
Health Board Total	7373	10	0.1	3522	4	0.1	3849	6	0.2
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	813	0	0.0	382	0	0.0	431	0	0.0
Conwy LA	1225	1	0.1	618	1	0.2	607	0	0.0
Denbighshire LA	1112	2	0.2	552	1	0.2	560	1	0.2
Flintshire LA	1769	1	0.1	864	1	0.1	905	0	0.0
Gwynedd LA	1297	1	0.1	635	0	0.0	662	1	0.2
Wrexham LA	1606	0	0.0	758	0	0.0	848	0	0.0
Health Board Total	7822	5	0.1	3809	3	0.1	4013	2	0.0
<u>Cardiff and Vale University HB</u>									
Cardiff LA	4548	3	0.1	2250	1	0.0	2298	2	0.1
Vale of Glamorgan LA	1645	2	0.1	793	2	0.3	852	0	0.0
Health Board Total	6193	5	0.1	3043	3	0.1	3150	2	0.1
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	1694	2	0.1	772	1	0.1	922	1	0.1
Merthyr Tydfil LA	747	0	0.0	386	0	0.0	361	0	0.0
Rhondda Cynon Taf LA	2975	2	0.1	1455	0	0.0	1520	2	0.1
Health Board Total	5416	4	0.1	2613	1	0.0	2803	3	0.1
<u>Hywel Dda University HB</u>									
Cardiganshire LA	2096	4	0.2	1049	1	0.1	1047	3	0.3
Ceredigion LA	606	0	0.0	304	0	0.0	302	0	0.0
Pembrokeshire LA	1378	0	0.0	697	0	0.0	681	0	0.0
Health Board Total	4080	4	0.1	2050	1	0.0	2030	3	0.1
<u>Powys Teaching HB</u>									
Health Board Total	1356	0	0.0	658	0	0.0	697	0	0.0
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	1678	0	0.0	816	0	0.0	862	0	0.0
Swansea LA	2708	1	0.0	1297	1	0.1	1411	0	0.0
Health Board Total	4386	1	0.0	2113	1	0.0	2273	0	0.0
Unknown	54	0	0.0	26	0	0.0	28	0	0.0
Wales Total	36680	29	0.1	17834	13	0.1	18843	16	0.1

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

Table 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 31/12/21, 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	840	617	73.5	2	0.2	402	316	78.6	1	0.2	438	301	68.7	1	0.2
Caerphilly LA	2277	1778	78.1	2	0.1	1087	877	80.7	2	0.2	1189	900	75.7	0	0.0
Monmouthshire LA	1102	790	71.7	8	0.7	540	404	74.8	5	0.9	561	385	68.6	3	0.5
Newport LA	2242	1478	65.9	5	0.2	1078	772	71.6	3	0.3	1163	706	60.7	2	0.2
Torfaen LA	1153	860	74.6	1	0.1	556	428	77.0	0	0.0	597	432	72.4	1	0.2
Health Board Total	7614	5523	72.5	18	0.2	3663	2797	76.4	11	0.3	3948	2724	69.0	7	0.2
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	807	627	77.7	49	6.1	412	349	84.7	27	6.6	395	278	70.4	22	5.6
Conwy LA	1253	902	72.0	9	0.7	629	478	76.0	4	0.6	623	424	68.1	5	0.8
Denbighshire LA	1173	611	52.1	1	0.1	560	315	56.3	1	0.2	612	296	48.4	0	0.0
Flintshire LA	1830	1307	71.4	0	0.0	895	657	73.4	0	0.0	935	650	69.5	0	0.0
Gwynedd LA	1307	1069	81.8	506	38.7	626	532	85.0	249	39.8	681	537	78.9	257	37.7
Wrexham LA	1685	1259	74.7	0	0.0	826	669	81.0	0	0.0	858	590	68.8	0	0.0
Health Board Total	8055	5775	71.7	565	7.0	3948	3000	76.0	281	7.1	4104	2775	67.6	284	6.9
<u>Cardiff and Vale University HB</u>															
Cardiff LA	4526	3337	73.7	6	0.1	2238	1719	76.8	4	0.2	2288	1618	70.7	2	0.1
Vale of Glamorgan LA	1695	1282	75.6	1	0.1	822	643	78.2	1	0.1	873	639	73.2	0	0.0
Health Board Total	6221	4619	74.2	7	0.1	3060	2362	77.2	5	0.2	3161	2257	71.4	2	0.1
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	1722	1471	85.4	0	0.0	828	735	88.8	0	0.0	894	736	82.3	0	0.0
Merthyr Tydfil LA	774	651	84.1	1	0.1	376	330	87.8	1	0.3	398	321	80.7	0	0.0
Rhondda Cynon Taf LA	2922	2491	85.2	1	0.0	1440	1250	86.8	1	0.1	1480	1239	83.7	0	0.0
Health Board Total	5418	4613	85.1	2	0.0	2644	2315	87.6	2	0.1	2772	2296	82.8	0	0.0
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	2275	1889	83.0	4	0.2	1123	964	85.8	4	0.4	1152	925	80.3	0	0.0
Ceredigion LA	651	534	82.0	0	0.0	319	280	87.8	0	0.0	332	254	76.5	0	0.0
Pembrokeshire LA	1366	1035	75.8	1	0.1	677	546	80.6	1	0.1	689	489	71.0	0	0.0
Health Board Total	4292	3458	80.6	5	0.1	2119	1790	84.5	5	0.2	2173	1668	76.8	0	0.0
<u>Powys Teaching HB</u>															
Health Board Total	1467	1152	78.5	9	0.6	691	564	81.6	6	0.9	776	588	75.8	3	0.4
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	1649	1457	88.4	1	0.1	771	691	89.6	1	0.1	878	766	87.2	0	0.0
Swansea LA	2867	2478	86.4	5	0.2	1425	1255	88.1	2	0.1	1442	1223	84.8	3	0.2
Health Board Total	4516	3935	87.1	6	0.1	2196	1946	88.6	3	0.1	2320	1989	85.7	3	0.1
Unknown	71	44	62.0	0	0.0	38	22	57.9	0	0.0	33	22	66.7	0	0.0
Wales Total	37654	29119	77.3	612	1.6	18359	14796	80.6	313	1.7	19287	14319	74.2	299	1.6

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

Table 9. Uptake of HPV vaccine in children reaching 13, 14 and 15 years of age between 01/09/21 and 31/08/22 and resident on 31/12/21.

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	808	1	0.1	840	617	73.5	2	0.2	724	377	52.1	116	16.0
Caerphilly LA	2196	0	0.0	2277	1778	78.1	2	0.1	2097	1546	73.7	167	8.0
Monmouthshire LA	1069	6	0.6	1102	790	71.7	8	0.7	1089	817	75.0	27	2.5
Newport LA	2145	1	0.0	2242	1478	65.9	5	0.2	2054	1347	65.6	158	7.7
Torfaen LA	1155	2	0.2	1153	860	74.6	1	0.1	1136	845	74.4	30	2.6
Health Board Total	7373	10	0.1	7614	5523	72.5	18	0.2	7100	4932	69.5	498	7.0
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	813	0	0.0	807	627	77.7	49	6.1	785	620	79.0	482	61.4
Conwy LA	1225	1	0.1	1253	902	72.0	9	0.7	1210	867	71.7	560	46.3
Denbighshire LA	1112	2	0.2	1173	611	52.1	1	0.1	1123	849	75.6	428	38.1
Flintshire LA	1769	1	0.1	1830	1307	71.4	0	0.0	1822	1517	83.3	1302	71.5
Gwynedd LA	1297	1	0.1	1307	1069	81.8	506	38.7	1289	1131	87.7	1057	82.0
Wrexham LA	1606	0	0.0	1685	1259	74.7	0	0.0	1567	1287	82.1	1058	67.5
Health Board Total	7822	5	0.1	8055	5775	71.7	565	7.0	7796	6271	80.4	4887	62.7
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4548	3	0.1	4526	3337	73.7	6	0.1	4293	3418	79.6	27	0.6
Vale of Glamorgan LA	1645	2	0.1	1695	1282	75.6	1	0.1	1623	1347	83.0	14	0.9
Health Board Total	6193	5	0.1	6221	4619	74.2	7	0.1	5916	4765	80.5	41	0.7
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1694	2	0.1	1722	1471	85.4	0	0.0	1766	1548	87.7	1095	62.0
Merthyr Tydfil LA	747	0	0.0	774	651	84.1	1	0.1	713	578	81.1	327	45.9
Rhondda Cynon Taf LA	2975	2	0.1	2922	2491	85.2	1	0.0	2856	2490	87.2	1683	58.9
Health Board Total	5416	4	0.1	5418	4613	85.1	2	0.0	5335	4616	86.5	3105	58.2
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	2096	4	0.2	2275	1889	83.0	4	0.2	2149	1931	89.9	1711	79.6
Ceredigion LA	606	0	0.0	651	534	82.0	0	0.0	681	593	87.1	556	81.6
Pembrokeshire LA	1378	0	0.0	1366	1035	75.8	1	0.1	1345	1044	77.6	658	48.9
Health Board Total	4080	4	0.1	4292	3458	80.6	5	0.1	4175	3568	85.5	2925	70.1
<u>Powys Teaching HB</u>													
Health Board Total	1356	0	0.0	1467	1152	78.5	9	0.6	1362	1144	84.0	56	4.1
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1678	0	0.0	1649	1457	88.4	1	0.1	1630	1519	93.2	1342	82.3
Swansea LA	2708	1	0.0	2867	2478	86.4	5	0.2	2723	2518	92.5	2259	83.0
Health Board Total	4386	1	0.0	4516	3935	87.1	6	0.1	4353	4037	92.7	3601	82.7
Unknown	54	0	0.0	71	44	62.0	0	0.0	52	39	75.0	26	50.0
Wales Total	36680	29	0.1	37654	29119	77.3	612	1.6	36089	29372	81.4	15139	41.9

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 31/12/21.

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	840	1	0.1	724	501	69.2	780	656	84.1	702	615	87.6
Caerphilly LA	2277	33	1.4	2097	1591	75.9	2140	1775	82.9	2067	1796	86.9
Monmouthshire LA	1102	7	0.6	1089	803	73.7	1101	851	77.3	1089	871	80.0
Newport LA	2242	57	2.5	2054	1383	67.3	1928	1510	78.3	1916	1575	82.2
Torfaen LA	1153	1	0.1	1136	836	73.6	1141	867	76.0	1130	972	86.0
Health Board Total	7614	99	1.3	7100	5114	72.0	7090	5659	79.8	6904	5829	84.4
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	807	0	0.0	785	574	73.1	721	596	82.7	722	613	84.9
Conwy LA	1253	2	0.2	1210	900	74.4	1233	1046	84.8	1176	1064	90.5
Denbighshire LA	1173	4	0.3	1123	834	74.3	1107	857	77.4	1117	936	83.8
Flintshire LA	1830	7	0.4	1822	1512	83.0	1696	1201	70.8	1659	1427	86.0
Gwynedd LA	1307	1	0.1	1289	1048	81.3	1343	1149	85.6	1268	1140	89.9
Wrexham LA	1685	1	0.1	1567	1227	78.3	1562	1153	73.8	1503	1276	84.9
Health Board Total	8055	15	0.2	7796	6095	78.2	7662	6002	78.3	7445	6456	86.7
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4526	2459	54.3	4293	3153	73.4	4147	3190	76.9	4032	3130	77.6
Vale of Glamorgan LA	1695	983	58.0	1623	1276	78.6	1506	1281	85.1	1521	1257	82.6
Health Board Total	6221	3442	55.3	5916	4429	74.9	5653	4471	79.1	5553	4387	79.0
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1722	2	0.1	1766	1527	86.5	1621	1476	91.1	1681	1546	92.0
Merthyr Tydfil LA	774	1	0.1	713	580	81.3	712	642	90.2	718	646	90.0
Rhondda Cynon Taf LA	2922	23	0.8	2856	2410	84.4	2879	2629	91.3	2891	2650	91.7
Health Board Total	5418	26	0.5	5335	4517	84.7	5212	4747	91.1	5290	4842	91.5
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2275	7	0.3	2149	1836	85.4	2114	1804	85.3	2034	1799	88.4
Ceredigion LA	651	1	0.2	681	593	87.1	610	536	87.9	659	582	88.3
Pembrokeshire LA	1366	4	0.3	1345	1084	80.6	1372	830	60.5	1248	1052	84.3
Health Board Total	4292	12	0.3	4175	3513	84.1	4096	3170	77.4	3941	3433	87.1
<u>Powys Teaching HB</u>												
Health Board Total	1467	6	0.4	1362	1179	86.6	1359	1149	84.5	1409	1235	87.7
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1649	4	0.2	1630	1433	87.9	1636	1456	89.0	1650	1528	92.6
Swansea LA	2867	16	0.6	2723	2441	89.6	2635	2381	90.4	2569	2341	91.1
Health Board Total	4516	20	0.4	4353	3874	89.0	4271	3837	89.8	4219	3869	91.7
Unknown	71	2	2.8	52	41	78.8	79	63	79.7	87	70	80.5
Wales Total	37654	3622	9.6	36089	28762	79.7	35422	29098	82.1	34848	30121	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 31/12/21, 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)	(n)	(n)	(%)	(n)	(%)	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(n)	(%)	(n)	(%)	
Blaenau Gwent LA	840	811	96.5	786	93.6	4	0.5	1	0.1	402	385	95.8	369	91.8	438	426	97.3	417	95.2				
Caerphilly LA	2277	2224	97.7	2177	95.6	42	1.8	33	1.4	1087	1061	97.6	1040	95.7	1189	1163	97.8	1137	95.6				
Monmouthshire LA	1102	1012	91.8	984	89.3	5	0.5	7	0.6	540	496	91.9	479	88.7	561	515	91.8	504	89.8				
Newport LA	2242	2110	94.1	2024	90.3	57	2.5	57	2.5	1078	1028	95.4	991	91.9	1163	1081	92.9	1033	88.8				
Torfaen LA	1153	1115	96.7	1085	94.1	4	0.3	1	0.1	556	542	97.5	529	95.1	597	573	96.0	556	93.1				
Health Board Total	7614	7272	95.5	7056	92.7	112	1.5	99	1.3	3663	3512	95.9	3408	93.0	3948	3758	95.2	3647	92.4				
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	807	774	95.9	761	94.3	7	0.9	0	0.0	412	395	95.9	388	94.2	395	379	95.9	373	94.4				
Conwy LA	1253	1205	96.2	1183	94.4	2	0.2	2	0.2	629	606	96.3	596	94.8	623	599	96.1	587	94.2				
Denbighshire LA	1173	1115	95.1	1093	93.2	4	0.3	4	0.3	560	527	94.1	521	93.0	612	588	96.1	572	93.5				
Flintshire LA	1830	1704	93.1	1672	91.4	7	0.4	7	0.4	895	824	92.1	808	90.3	935	880	94.1	864	92.4				
Gwynedd LA	1307	1252	95.8	1220	93.3	3	0.2	1	0.1	626	599	95.7	581	92.8	681	653	95.9	639	93.8				
Wrexham LA	1685	1606	95.3	1581	93.8	2	0.1	1	0.1	826	792	95.9	784	94.9	858	813	94.8	796	92.8				
Health Board Total	8055	7656	95.0	7510	93.2	25	0.3	15	0.2	3948	3743	94.8	3678	93.2	4104	3912	95.3	3831	93.3				
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	4526	4281	94.6	4073	90.0	2443	54.0	2459	54.3	2238	2133	95.3	2028	90.6	2288	2148	93.9	2045	89.4				
Vale of Glamorgan LA	1695	1642	96.9	1591	93.9	977	57.6	983	58.0	822	796	96.8	771	93.8	873	846	96.9	820	93.9				
Health Board Total	6221	5923	95.2	5664	91.0	3420	55.0	3442	55.3	3060	2929	95.7	2799	91.5	3161	2994	94.7	2865	90.6				
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	1722	1674	97.2	1618	94.0	4	0.2	2	0.1	828	805	97.2	786	94.9	894	869	97.2	832	93.1				
Merthyr Tydfil LA	774	747	96.5	725	93.7	1	0.1	1	0.1	376	364	96.8	350	93.1	398	383	96.2	375	94.2				
Rhondda Cynon Taf LA	2922	2834	97.0	2776	95.0	25	0.9	23	0.8	1440	1399	97.2	1374	95.4	1480	1433	96.8	1402	94.7				
Health Board Total	5418	5255	97.0	5119	94.5	30	0.6	26	0.5	2644	2568	97.1	2510	94.9	2772	2685	96.9	2609	94.1				
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	2275	2161	95.0	2092	92.0	15	0.7	7	0.3	1123	1062	94.6	1029	91.6	1152	1099	95.4	1063	92.3				
Ceredigion LA	651	607	93.2	590	90.6	4	0.6	1	0.2	319	298	93.4	289	90.6	332	309	93.1	301	90.7				
Pembrokeshire LA	1366	1263	92.5	1198	87.7	9	0.7	4	0.3	677	634	93.6	608	89.8	689	629	91.3	590	85.6				
Health Board Total	4292	4031	93.9	3880	90.4	28	0.7	12	0.3	2119	1994	94.1	1926	90.9	2173	2037	93.7	1954	89.9				
<u>Powys Teaching HB</u>																							
Health Board Total	1467	1368	93.3	1323	90.2	15	1.0	6	0.4	691	643	93.1	624	90.3	776	725	93.4	699	90.1				
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	1649	1618	98.1	1571	95.3	10	0.6	4	0.2	771	758	98.3	740	96.0	878	860	97.9	831	94.6				
Swansea LA	2867	2734	95.4	2668	93.1	10	0.3	16	0.6	1425	1360	95.4	1337	93.8	1442	1374	95.3	1331	92.3				
Health Board Total	4516	4352	96.4	4239	93.9	20	0.4	20	0.4	2196	2118	96.4	2077	94.6	2320	2234	96.3	2162	93.2				
Unknown	71	66	93.0	65	91.5	2	2.8	2	2.8	38	36	94.7	36	94.7	33	30	90.9	29	87.9				
Wales Total	37654	35923	95.4	34856	92.6	3652	9.7	3622	9.6	18359	17543	95.6	17058	92.9	19287	18375	95.3	17796	92.3				

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 31/12/21, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children				Teenage 3 in 1 booster ¹						Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)		(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	
Blaenau Gwent LA	724	701	96.8	681	94.1	485	67.0	501	69.2	387	372	96.1	361	93.3	337	329	97.6	320	95.0	
Caerphilly LA	2097	2043	97.4	1988	94.8	1587	75.7	1591	75.9	1052	1032	98.1	1006	95.6	1045	1011	96.7	982	94.0	
Monmouthshire LA	1089	1021	93.8	989	90.8	806	74.0	803	73.7	537	501	93.3	488	90.9	552	520	94.2	501	90.8	
Newport LA	2054	1938	94.4	1858	90.5	1391	67.7	1383	67.3	995	942	94.7	907	91.2	1058	996	94.1	951	89.9	
Torfaen LA	1136	1115	98.2	1081	95.2	831	73.2	836	73.6	546	538	98.5	523	95.8	590	577	97.8	558	94.6	
Health Board Total	7100	6818	96.0	6597	92.9	5100	71.8	5114	72.0	3517	3385	96.2	3285	93.4	3582	3433	95.8	3312	92.5	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	785	758	96.6	736	93.8	589	75.0	574	73.1	372	359	96.5	349	93.8	413	399	96.6	387	93.7	
Conwy LA	1210	1154	95.4	1127	93.1	863	71.3	900	74.4	595	570	95.8	564	94.8	615	584	95.0	563	91.5	
Denbighshire LA	1123	1069	95.2	1048	93.3	746	66.4	834	74.3	540	517	95.7	505	93.5	582	552	94.8	543	93.3	
Flintshire LA	1822	1727	94.8	1681	92.3	1505	82.6	1512	83.0	898	847	94.3	828	92.2	924	880	95.2	853	92.3	
Gwynedd LA	1289	1251	97.1	1211	93.9	904	70.1	1048	81.3	633	612	96.7	596	94.2	656	639	97.4	615	93.8	
Wrexham LA	1567	1515	96.7	1476	94.2	1230	78.5	1227	78.3	739	721	97.6	700	94.7	828	794	95.9	776	93.7	
Health Board Total	7796	7474	95.9	7279	93.4	5837	74.9	6095	78.2	3777	3626	96.0	3542	93.8	4018	3848	95.8	3737	93.0	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	4293	4052	94.4	3852	89.7	3154	73.5	3153	73.4	2113	2004	94.8	1898	89.8	2179	2047	93.9	1953	89.6	
Vale of Glamorgan LA	1623	1562	96.2	1499	92.4	1277	78.7	1276	78.6	777	746	96.0	719	92.5	846	816	96.5	780	92.2	
Health Board Total	5916	5614	94.9	5351	90.4	4431	74.9	4429	74.9	2890	2750	95.2	2617	90.6	3025	2863	94.6	2733	90.3	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	1766	1702	96.4	1622	91.8	1517	85.9	1527	86.5	859	832	96.9	796	92.7	907	870	95.9	826	91.1	
Merthyr Tydfil LA	713	686	96.2	664	93.1	583	81.8	580	81.3	326	314	96.3	301	92.3	387	372	96.1	363	93.8	
Rhondda Cynon Taf LA	2856	2780	97.3	2716	95.1	2412	84.5	2410	84.4	1346	1309	97.3	1279	95.0	1509	1470	97.4	1436	95.2	
Health Board Total	5335	5168	96.9	5002	93.8	4512	84.6	4517	84.7	2531	2455	97.0	2376	93.9	2803	2712	96.8	2625	93.6	
<u>Hywel Dda University HB</u>																				
Carmarthenshire LA	2149	2022	94.1	1945	90.5	1844	85.8	1836	85.4	1055	993	94.1	955	90.5	1094	1029	94.1	990	90.5	
Ceredigion LA	681	645	94.7	625	91.8	591	86.8	593	87.1	340	321	94.4	311	91.5	341	324	95.0	314	92.1	
Pembrokeshire LA	1345	1253	93.2	1186	88.2	1092	81.2	1084	80.6	663	627	94.6	597	90.0	682	626	91.8	589	86.4	
Health Board Total	4175	3920	93.9	3756	90.0	3527	84.5	3513	84.1	2058	1941	94.3	1863	90.5	2117	1979	93.5	1893	89.4	
<u>Powys Teaching HB</u>																				
Health Board Total	1362	1284	94.3	1232	90.5	1166	85.6	1179	86.6	660	623	94.4	599	90.8	701	661	94.3	633	90.3	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	1630	1591	97.6	1539	94.4	1431	87.8	1433	87.9	799	783	98.0	759	95.0	831	808	97.2	780	93.9	
Swansea LA	2723	2603	95.6	2514	92.3	2436	89.5	2441	89.6	1331	1280	96.2	1233	92.6	1392	1323	95.0	1281	92.0	
Health Board Total	4353	4194	96.3	4053	93.1	3867	88.8	3874	89.0	2130	2063	96.9	1992	93.5	2223	2131	95.9	2061	92.7	
Unknown	52	48	92.3	48	92.3	41	78.8	41	78.8	25	23	92.0	23	92.0	27	25	92.6	25	92.6	
Wales Total	36089	34520	95.7	33318	92.3	28481	78.9	28762	79.7	17588	16866	95.9	16297	92.7	18496	17652	95.4	17019	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 31/12/2021, 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	780	759	97.3	739	94.7	654	83.8	656	84.1	414	408	98.6	398	96.1	366	351	95.9	341	93.2
Caerphilly LA	2140	2091	97.7	2029	94.8	1775	82.9	1775	82.9	1030	1018	98.8	987	95.8	1110	1073	96.7	1042	93.9
Monmouthshire LA	1101	1011	91.8	980	89.0	847	76.9	851	77.3	526	493	93.7	478	90.9	575	518	90.1	502	87.3
Newport LA	1928	1820	94.4	1736	90.0	1510	78.3	1510	78.3	969	919	94.8	882	91.0	958	901	94.1	854	89.1
Torfaen LA	1141	1103	96.7	1055	92.5	865	75.8	867	76.0	551	532	96.6	513	93.1	590	571	96.8	542	91.9
Health Board Total	7090	6784	95.7	6539	92.2	5651	79.7	5659	79.8	3490	3370	96.6	3258	93.4	3599	3414	94.9	3281	91.2
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	721	691	95.8	670	92.9	604	83.8	596	82.7	345	332	96.2	321	93.0	376	359	95.5	349	92.8
Conwy LA	1233	1161	94.2	1135	92.1	1043	84.6	1046	84.8	591	547	92.6	532	90.0	642	614	95.6	603	93.9
Denbighshire LA	1107	1061	95.8	1029	93.0	851	76.9	857	77.4	547	526	96.2	504	92.1	560	535	95.5	525	93.8
Flintshire LA	1696	1611	95.0	1552	91.5	1196	70.5	1201	70.8	823	781	94.9	754	91.6	873	830	95.1	798	91.4
Gwynedd LA	1343	1295	96.4	1266	94.3	1152	85.8	1149	85.6	674	655	97.2	638	94.7	669	640	95.7	628	93.9
Wrexham LA	1562	1506	96.4	1469	94.0	1148	73.5	1153	73.8	767	743	96.9	729	95.0	795	763	96.0	740	93.1
Health Board Total	7662	7325	95.6	7121	92.9	5994	78.2	6002	78.3	3747	3584	95.6	3478	92.8	3915	3741	95.6	3643	93.1
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4147	3890	93.8	3652	88.1	3192	77.0	3190	76.9	1988	1861	93.6	1742	87.6	2159	2029	94.0	1910	88.5
Vale of Glamorgan LA	1506	1440	95.6	1381	91.7	1281	85.1	1281	85.1	744	715	96.1	689	92.6	762	725	95.1	692	90.8
Health Board Total	5653	5330	94.3	5033	89.0	4473	79.1	4471	79.1	2732	2576	94.3	2431	89.0	2921	2754	94.3	2602	89.1
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1621	1541	95.1	1471	90.7	1471	90.7	1476	91.1	782	746	95.4	716	91.6	838	794	94.7	754	90.0
Merthyr Tydfil LA	712	673	94.5	650	91.3	642	90.2	642	90.2	325	306	94.2	292	89.8	387	367	94.8	358	92.5
Rhondda Cynon Taf LA	2879	2768	96.1	2682	93.2	2621	91.0	2629	91.3	1411	1360	96.4	1324	93.8	1467	1408	96.0	1358	92.6
Health Board Total	5212	4982	95.6	4803	92.2	4734	90.8	4747	91.1	2518	2412	95.8	2332	92.6	2692	2569	95.4	2470	91.8
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2114	1974	93.4	1921	90.9	1798	85.1	1804	85.3	1008	950	94.2	922	91.5	1106	1024	92.6	999	90.3
Ceredigion LA	610	581	95.2	563	92.3	537	88.0	536	87.9	300	284	94.7	277	92.3	310	297	95.8	286	92.3
Pembrokeshire LA	1372	1289	94.0	1231	89.7	833	60.7	830	60.5	615	584	95.0	561	91.2	757	705	93.1	670	88.5
Health Board Total	4096	3844	93.8	3715	90.7	3168	77.3	3170	77.4	1923	1818	94.5	1760	91.5	2173	2026	93.2	1955	90.0
<u>Powys Teaching HB</u>																			
Health Board Total	1359	1255	92.3	1195	87.9	1134	83.4	1149	84.5	676	626	92.6	594	87.9	682	629	92.2	601	88.1
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1636	1577	96.4	1525	93.2	1451	88.7	1456	89.0	807	785	97.3	760	94.2	829	792	95.5	765	92.3
Swansea LA	2635	2501	94.9	2394	90.9	2364	89.7	2381	90.4	1243	1181	95.0	1137	91.5	1392	1320	94.8	1257	90.3
Health Board Total	4271	4078	95.5	3919	91.8	3815	89.3	3837	89.8	2050	1966	95.9	1897	92.5	2221	2112	95.1	2022	91.0
Unknown	79	72	91.1	69	87.3	64	81.0	63	79.7	35	33	94.3	33	94.3	44	39	88.6	36	81.8
Wales Total	35422	33670	95.1	32394	91.5	29033	82.0	29098	82.1	17171	16385	95.4	15783	91.9	18247	17284	94.7	16610	91.0

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 01/10/21 and 31/12/21 and resident on 31/12/21, with breakdown of MMR1 and MMR2 coverage by sex

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ¹				Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	
<u>Aneurin Bevan University HB</u>																				
Blaenau Gwent LA	183	179	97.8	175	95.6	158	86.3	158	86.3	100	99	99.0	98	98.0	83	80	96.4	77	92.8	
Caerphilly LA	521	506	97.1	495	95.0	428	82.1	428	82.1	261	258	98.9	250	95.8	260	248	95.4	245	94.2	
Monmouthshire LA	268	244	91.0	239	89.2	205	76.5	207	77.2	134	123	91.8	121	90.3	134	121	90.3	118	88.1	
Newport LA	475	446	93.9	423	89.1	365	76.8	364	76.6	225	213	94.7	203	90.2	250	233	93.2	220	88.0	
Torfaen LA	293	279	95.2	267	91.1	207	70.6	209	71.3	132	127	96.2	126	95.5	161	152	94.4	141	87.6	
Health Board Total	1740	1654	95.1	1599	91.9	1363	78.3	1366	78.5	852	820	96.2	798	93.7	888	834	93.9	801	90.2	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	174	172	98.9	163	93.7	151	86.8	149	85.6	88	87	98.9	83	94.3	86	85	98.8	80	93.0	
Conwy LA	310	287	92.6	280	90.3	262	84.5	263	84.8	149	133	89.3	130	87.2	161	154	95.7	150	93.2	
Denbighshire LA	291	279	95.9	273	93.8	230	79.0	230	79.0	148	142	95.9	136	91.9	143	137	95.8	137	95.8	
Flintshire LA	394	370	93.9	356	90.4	282	71.6	282	71.6	193	182	94.3	175	90.7	201	188	93.5	181	90.0	
Gwynedd LA	329	316	96.0	309	93.9	283	86.0	285	86.6	163	161	98.8	156	95.7	166	155	93.4	153	92.2	
Wrexham LA	425	413	97.2	407	95.8	328	77.2	325	76.5	203	198	97.5	196	96.6	222	215	96.8	211	95.0	
Health Board Total	1923	1837	95.5	1788	93.0	1536	79.9	1534	79.8	944	903	95.7	876	92.8	979	934	95.4	912	93.2	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	1035	965	93.2	903	87.2	786	75.9	780	75.4	493	456	92.5	423	85.8	542	509	93.9	480	88.6	
Vale of Glamorgan LA	354	332	93.8	323	91.2	301	85.0	299	84.5	177	166	93.8	161	91.0	177	166	93.8	162	91.5	
Health Board Total	1389	1297	93.4	1226	88.3	1087	78.3	1079	77.7	670	622	92.8	584	87.2	719	675	93.9	642	89.3	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	395	371	93.9	359	90.9	360	91.1	360	91.1	175	165	94.3	157	89.7	220	206	93.6	202	91.8	
Merthyr Tydfil LA	160	150	93.8	144	90.0	145	90.6	146	91.3	78	71	91.0	67	85.9	82	79	96.3	77	93.9	
Rhondda Cynon Taf LA	740	707	95.5	683	92.3	664	89.7	668	90.3	369	357	96.7	347	94.0	371	350	94.3	336	90.6	
Health Board Total	1295	1228	94.8	1186	91.6	1169	90.3	1174	90.7	622	593	95.3	571	91.8	673	635	94.4	615	91.4	
<u>Hywel Dda University HB</u>																				
Cardemarthenshire LA	541	494	91.3	478	88.4	466	86.1	471	87.1	251	235	93.6	227	90.4	290	259	89.3	251	86.6	
Ceredigion LA	147	138	93.9	134	91.2	131	89.1	130	88.4	72	67	93.1	65	90.3	75	71	94.7	69	92.0	
Pembrokeshire LA	332	312	94.0	296	89.2	202	60.8	203	61.1	151	140	92.7	133	88.1	181	172	95.0	163	90.1	
Health Board Total	1020	944	92.5	908	89.0	799	78.3	804	78.8	474	442	93.2	425	89.7	546	502	91.9	483	88.5	
<u>Powys Teaching HB</u>																				
Health Board Total	322	291	90.4	279	86.6	271	84.2	276	85.7	157	141	89.8	135	86.0	165	150	90.9	144	87.3	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	404	390	96.5	377	93.3	355	87.9	356	88.1	206	198	96.1	193	93.7	198	192	97.0	184	92.9	
Swansea LA	621	596	96.0	566	91.1	565	91.0	567	91.3	323	308	95.4	296	91.6	298	288	96.6	270	90.6	
Health Board Total	1025	986	96.2	943	92.0	920	89.8	923	90.0	529	506	95.7	489	92.4	496	480	96.8	454	91.5	
Unknown	19	19	100.0	18	94.7	15	78.9	14	73.7	7	7	100.0	7	100.0	12	12	100.0	11	91.7	
Wales Total	8733	8256	94.5	7947	91.0	7160	82.0	7170	82.1	4255	4034	94.8	3885	91.3	4478	4222	94.3	4062	90.7	

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 01/10/21 and 31/12/21 and resident on 31/12/21.¹

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	153	2	1.3	179	5	2.8	191	2	1.0	183	4	2.2
Caerphilly LA	404	14	3.5	446	13	2.9	507	13	2.6	521	17	3.3
Monmouthshire LA	185	5	2.7	198	7	3.5	249	19	7.6	268	18	6.7
Newport LA	414	58	14.0	479	82	17.1	547	72	13.2	475	64	13.5
Torfaen LA	220	8	3.6	244	5	2.0	265	3	1.1	293	5	1.7
Health Board Total	1376	87	6.3	1546	112	7.2	1759	109	6.2	1740	108	6.2
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	125	0	0.0	146	3	2.1	185	4	2.2	174	2	1.1
Conwy LA	235	9	3.8	233	15	6.4	281	11	3.9	310	22	7.1
Denbighshire LA	224	9	4.0	232	6	2.6	248	13	5.2	291	19	6.5
Flintshire LA	329	22	6.7	345	28	8.1	435	15	3.4	394	5	1.3
Gwynedd LA	235	3	1.3	264	7	2.7	287	12	4.2	329	10	3.0
Wrexham LA	315	19	6.0	345	25	7.2	358	21	5.9	425	36	8.5
Health Board Total	1463	62	4.2	1565	84	5.4	1794	76	4.2	1923	94	4.9
<u>Cardiff and Vale University HB</u>												
Cardiff LA	871	197	22.6	939	233	24.8	1068	60	5.6	1035	229	22.1
Vale of Glamorgan LA	291	18	6.2	310	17	5.5	381	13	3.4	354	16	4.5
Health Board Total	1162	215	18.5	1249	250	20.0	1449	73	5.0	1389	245	17.6
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	312	11	3.5	363	10	2.8	386	11	2.8	395	12	3.0
Merthyr Tydfil LA	153	9	5.9	159	13	8.2	179	6	3.4	160	3	1.9
Rhondda Cynon Taf LA	531	16	3.0	607	15	2.5	655	19	2.9	740	34	4.6
Health Board Total	996	36	3.6	1129	38	3.4	1220	36	3.0	1295	49	3.8
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	420	3	0.7	425	14	3.3	473	17	3.6	541	17	3.1
Ceredigion LA	132	5	3.8	142	4	2.8	144	8	5.6	147	6	4.1
Pembrokeshire LA	285	1	0.4	245	4	1.6	310	15	4.8	332	9	2.7
Health Board Total	837	9	1.1	812	22	2.7	927	40	4.3	1020	32	3.1
<u>Powys Teaching Health Board</u>												
Health Board Total	254	2	0.8	249	7	2.8	299	6	2.0	322	9	2.8
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	299	6	2.0	314	13	4.1	395	13	3.3	404	11	2.7
Swansea LA	512	49	9.6	569	58	10.2	605	77	12.7	621	53	8.5
Health Board Total	811	55	6.8	883	71	8.0	1000	90	9.0	1025	64	6.2
Unknown	0	0	0.0	13	0	0.0	12	0	0.0	19	0	0.0
Wales Total	6914	467	6.8	7446	584	7.8	8460	430	5.1	8733	601	6.9

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

Table 16. Uptake of hepatitis B immunisation in children, reaching their 1st, 2nd, and 5th birthdays during between 01/10/21 and 31/12/21 and resident on 31/12/21, and percentage who are recorded as completing doses 1 to 4.¹

Area	Resident children	Babies at risk of perinatal infection	1yr			Resident children	Babies at risk of perinatal infection	2yrs				Resident children	Babies at risk of perinatal infection	5yrs			
			1 dose	2 doses	3 doses			1 dose	2 doses	3 doses	4 doses			1 dose	2 dose	3 doses	4 doses
	(n)	(n)	(%)	(%)	(%)	(n)	(n)	(%)	(%)	(%)	(%)	(n)	(n)	(%)	(%)	(%)	(%)
Aneurin Bevan UHB	1376	3	100.0	100.0	100.0	1546	1	100.0	100.0	100.0	100.0	1759	0	-	-	-	-
Betsi Cadwaladr UHB	1463	0	-	-	-	1565	1	100.0	100.0	100.0	100.0	1794	1	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1162	3	100.0	100.0	100.0	1249	4	100.0	100.0	100.0	50.0	1449	3	100.0	100.0	100.0	100.0
Cwm Taf Morgannwg UHB	996	1	100.0	100.0	100.0	1129	0	-	-	-	-	1220	1	100.0	100.0	100.0	-
Hywel Dda UHB	837	1	100.0	100.0	100.0	812	0	-	-	-	-	927	0	-	-	-	-
Powys Teaching HB	254	0	-	-	-	249	0	-	-	-	-	299	0	-	-	-	-
Swansea Bay UHB	811	1	100.0	100.0	100.0	883	0	-	-	-	-	1000	2	100.0	100.0	100.0	100.0
Unknown	15	0	-	-	-	13	0	-	-	-	-	12	0	-	-	-	-
Wales Total	6914	9	100.0	100.0	100.0	7446	6	100.0	100.0	100.0	66.7	8460	7	100.0	100.0	100.0	85.7

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.