

Vaccine Uptake in Children in Wales

April to June 2022

COVER 143: Wales September 2022

Key points

- For children at one year of age, uptake of the “6 in 1” and two doses of MenB was below 95%. Uptake of pneumococcal conjugate vaccination (PCV) was 95.9%. Uptake of two doses of Rotavirus vaccine was 92.1%.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 93.0% this quarter. Two HBs and seven LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 93.5% this quarter. Two HBs and seven 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 85.6% this quarter and was 89.7% 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 52.9%.
- Coverage of the first dose of HPV vaccine in school year 9 (13-14 year olds) is currently 80.9%. Coverage of the second dose of HPV vaccine in school year 10 (14-15 year olds) is currently 56.8%.
- Uptake of routine MenACWY vaccine in the 2021-22 school year 9 cohort is currently 61.5%. Coverage of the MenACWY vaccine in the 2021-22 school year 10 cohort is 81.6%.
- Uptake of the Td/IPV teenage booster in the 2021-22 school year 9 cohort is currently 61.5%. Coverage of the Td/IPV teenage booster in the 2021-22 school year 10 is 81.6%.
- Coverage of one dose of MMR vaccine in the 2021-22 school year 10 (age 14-15 years) was 95.5%, coverage of two doses was 92.1%.
- 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 93.1%.

Background

These results are for children living in Wales in June 2022 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/04/2022 to 30/06/2022. 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 94.0% this quarter, compared to 94.9% last quarter. Uptake ranged by HB from 92.1% (Cardiff and Vale) to 97.1% (Cwm Taf Morgannwg) and by LA from 86.8% (Denbighshire) to 98.0% (Bridgend). One of the seven HBs and nine of the 22 LA areas achieved the target 95% uptake (Figures 2, 3 and 6, Tables 2 and 3).
2. Uptake of pneumococcal conjugate vaccination (PCV) in children reaching their first birthday decreased to 95.9% this quarter, compared to 96.7% last quarter. This is the sixth quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 92.6% (Denbighshire) to 99.3% (Wrexham). Five of the seven HBs and 16 of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 3).
3. Uptake of two doses of MenB vaccine, scheduled at two and four months of age, in children reaching their first birthday was 93.8% this quarter. Uptake in HBs ranged from 91.1% (Cardiff and Vale) to 97.0% (Cwm Taf Morgannwg) and ranged by LA from 87.2% (Denbighshire) to 98.3% (Bridgend) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 92.1% this quarter, compared to 93.6% last quarter. Uptake in HBs ranged from 89.5% (Cardiff and Vale) to 96% (Cwm Taf Morgannwg) and ranged by LA from 86.8% (Newport) to 97.4% (Blaenau Gwent) (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 93.5% this quarter. Uptake ranged by HB from 90.1% (Cardiff and Vale) to 95.3% (Cwm Taf Morgannwg) and by LA area from 89.0% (Cardiff) to 98.2% (Blaenau Gwent). Two HBs and seven 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 93.0% compared to 93.6% last quarter. Uptake ranged by HB from 88.4% (Cardiff and Vale) to 95.6% (Cwm Taf) and by LA from 87.0% (Cardiff) to 98.2% (Blaenau Gwent). Two of the seven HBs and seven of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 4).
7. Uptake of the final dose of Pneumococcal Conjugate Vaccine (PCVf, scheduled at 12 to 13 months of age) in children reaching their second birthday was 93.4%. Uptake ranged by HB from 89.6% (Cardiff and Vale) to 95.9% (Cwm Taf Morgannwg) and ranged by LA from 88.5% (Cardiff) to 98.2% (Blaenau Gwent). Two HBs and eight LA areas achieved an uptake of 95% or over (Figure 3, Tables 2 and 4).
8. Uptake of the Hib/MenC booster (given at 12 to 13 months of age) in children reaching two years of age decreased to 93.1% this quarter compared to 93.4% last quarter. Uptake ranged by HB from 89.4% (Cardiff and Vale) to 95.5% (Cwm Taf Morgannwg) and ranged by LA from 88.1% (Cardiff) to 97.4% (Anglesey). Two HBs and eight LA areas achieved uptakes in excess of 95% (Figures 1, 2 and 3, Tables 2 and 4).
9. In children reaching four years of age this quarter (Table 5), uptake of:
 - The “4 in 1” DTaP/IPV³ pre-school booster was 86.8%
 - The Hib/MenC booster was 95.4%
 - Two doses of MMR was 86.4%

The proportion of children who were up to date with all these routine immunisations at four years of age was 85.6%. This ranged by HB from 82.4% (Cardiff and Vale) to 89.1% (Powys)

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.

and by LA from 73.9% (Denbighshire) to 92.7% (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 89.7%, a decrease compared to 89.8% last quarter. This ranged by HB from 86.8% (Cardiff and Vale) to 92.9% (Powys) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 96.1%. Coverage of two doses of MMR was 90.7%. Coverage of two doses of MMR ranged by HB from 88.7% (Cardiff and Vale) to 93.6% (Powys) and by LA from 85.0% (Ceredigion) to 95.2% (Monmouthshire) (Figures 1, 2, 3 and 8, Tables 2, 6 and 7).
12. Uptake of the “4 in 1” DTaP/IPV³ pre-school booster in children reaching their fifth birthday decreased to 91.1% this quarter compared to 91.4% last quarter, ranging by HB from 89.1% (Hywel Dda and Cardiff and Vale) to 94.3% (Powys) and by LA from 85.7% (Ceredigion) to 94.8% (Wrexham). None 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 52.9%. This is the third school cohort to include boys eligible for the HPV vaccine (Table 8a) [2].
14. Coverage of the first dose of HPV vaccine in the 2021-22 school year 9 cohort is currently 80.9% (84.0% in girls and 78.0% in boys) and uptake of the second dose in this age group is currently 56.8% (59.5% in girls and 54.3% 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 67.9% (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 61.5% (Table 10 and 11). Coverage in the 2021-22 school years 10, 11 and 12, is currently 81.6%, 83.3% and 86.3% 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 61.5%. Coverage of two doses of MMR in this year group is currently 92.4% and coverage of one dose is 95.4%. Coverage of two doses of MMR vaccine ranged by HB from 89.6% (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 81.6%. Coverage ranged by HB from 75.4% (Cardiff and Vale) to 90.2% (Swansea Bay). Coverage of two doses of MMR in this year group was 92.1% and coverage of one dose was 95.5%. Coverage of two doses of MMR vaccine ranged by HB from 89.5% (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 92.4% (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 83.1%. Coverage ranged by HB from 79.1% (Cardiff and Vale) to 90.9% (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 87.3% (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 91.7% (Table 13).
20. Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st April 2022 and 30th June 2022) was 91.1%, whilst coverage of one dose of MMR was 94.8%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old

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

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

girls was 91.2%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 82.9% (Figures 1, 2 and 3, Tables 2 and 14).

- 21.** Uptake of BCG immunisation is presented in Table 15. These data are based on BCG immunisations recorded in the National Community Child Health Database. BCG immunisation has been received by 7.4%, 7.7%, 6.5% and 6.5% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter two of 2022. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (18.8%), two years of age (20.1%) and sixteen years of age (16.8%).
- 22.** Uptake data for hepatitis B immunisation in children who were at risk of perinatal infection, extracted from the Public Health Wales All Wales Neonatal Hepatitis B Immunisation Database, is presented in Table 16. This quarter uptake of three doses of hepatitis B vaccine at their first birthday was 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.

Comment

This is the seventh 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, although there has been a decrease over the last two quarters.

For the April to June 2022 quarter, uptake of the complete three-dose course of “6 in 1” vaccine by the first birthday decreased to 94.0%. Uptake of two doses of MenB also decreased, to 93.8%. Uptake of PCV in infants remained above 95%. Uptake of the first MMR dose by two years decreased to 93.5%, the lowest reported since 2011.

The proportion of children who were up to date with their routine immunisations by four years decreased slightly again 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 81.6% for the teenage 3 in 1 booster and MenACWY vaccinations, compared to 80.9% and 81.0% reported last quarter.

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 67.9% compared to 55.1% 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

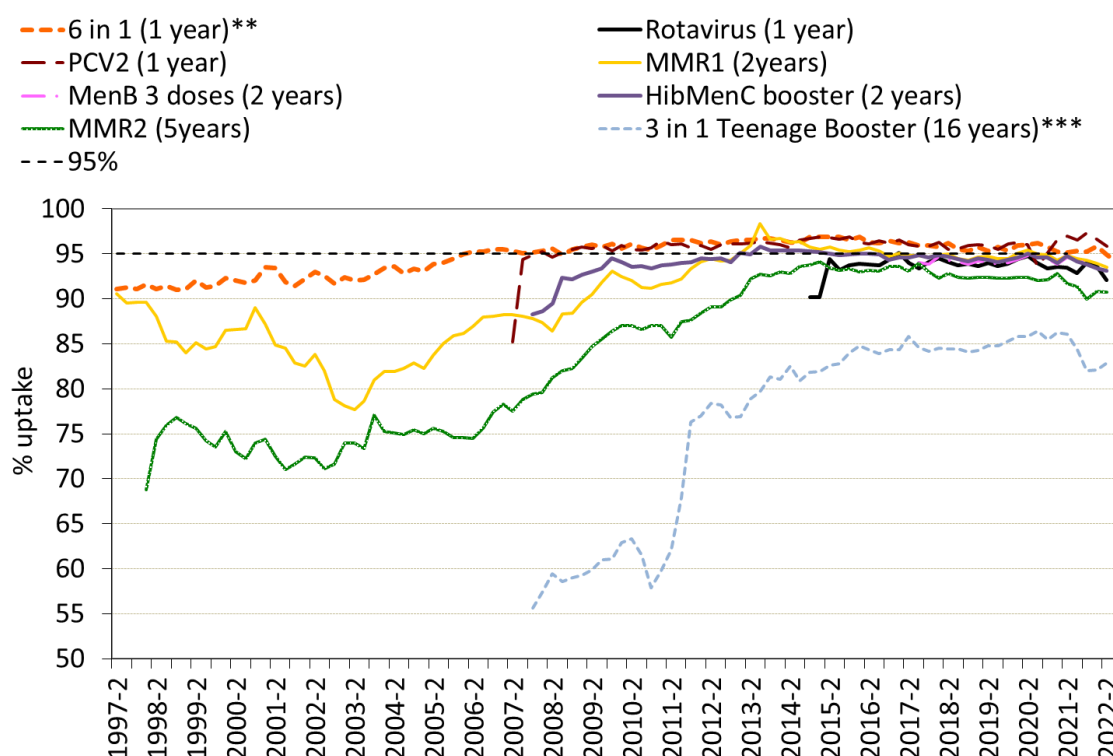
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
2. Welsh Health Circular- Changes to 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>

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 2 2022*.

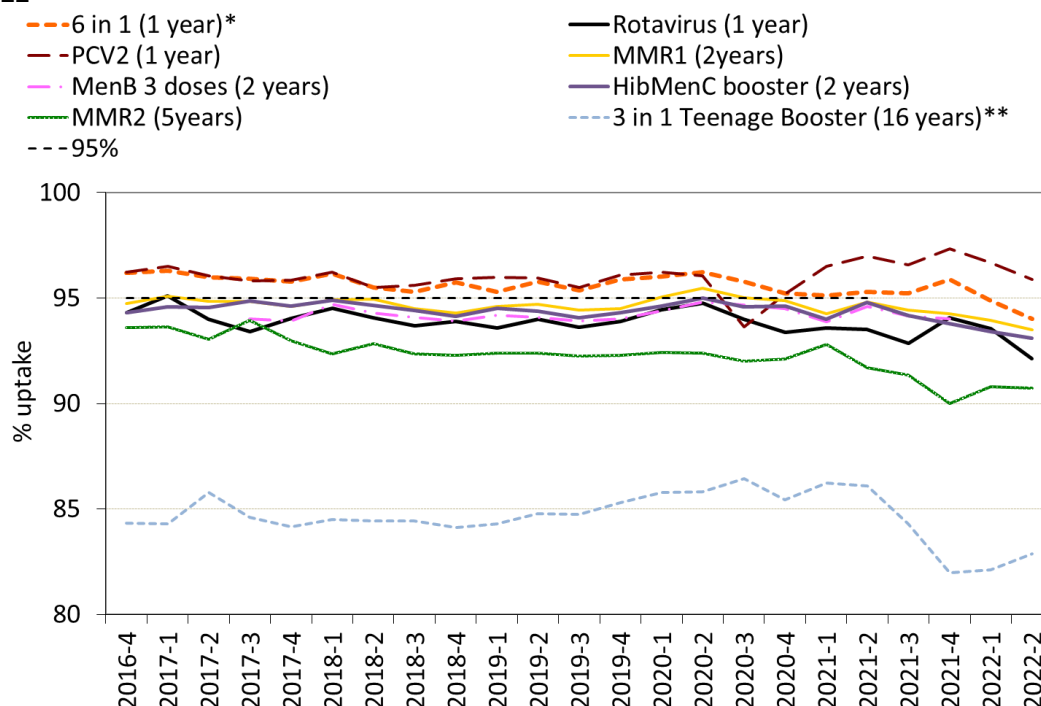


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**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 2 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 01/04/22 and 30/06/22 and resident on 30/06/22.

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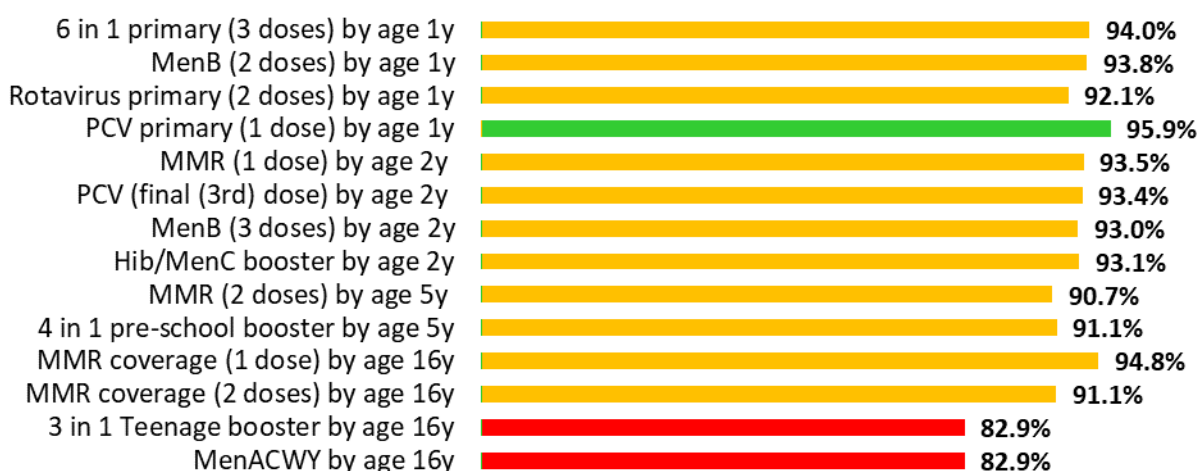


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/04/22 and 30/06/22 and are up to date with all scheduled vaccines⁷ by health board.



Table 1. Percentages of resident children reaching their 4th birthday during quarter 2 2021 to quarter 2 2022 who are up to date with all scheduled vaccines⁷, by Health Board.

Area					
	2021-2	2021-3	2021-4	2022-1	2022-2
Aneurin Bevan UHB	87.4	87.2	86.8	86.4	85.5
Betsi Cadwaladr UHB	89.2	88.0	90.1	87.8	86.9
Cardiff and Vale UHB	85.1	84.9	85.3	83.5	82.4
Cwm Taf Morgannwg UHB	88.9	90.3	90.0	87.1	86.6
Hywel Dda UHB	87.0	86.7	88.3	85.2	84.7
Powys Teaching HB	91.9	89.7	87.4	90.9	89.1
Swansea Bay UHB	88.0	87.6	86.6	86.2	86.4
Wales	87.8	87.5	87.9	86.2	85.6

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 2 2022, who are up to date with all scheduled vaccines⁷, by health board.

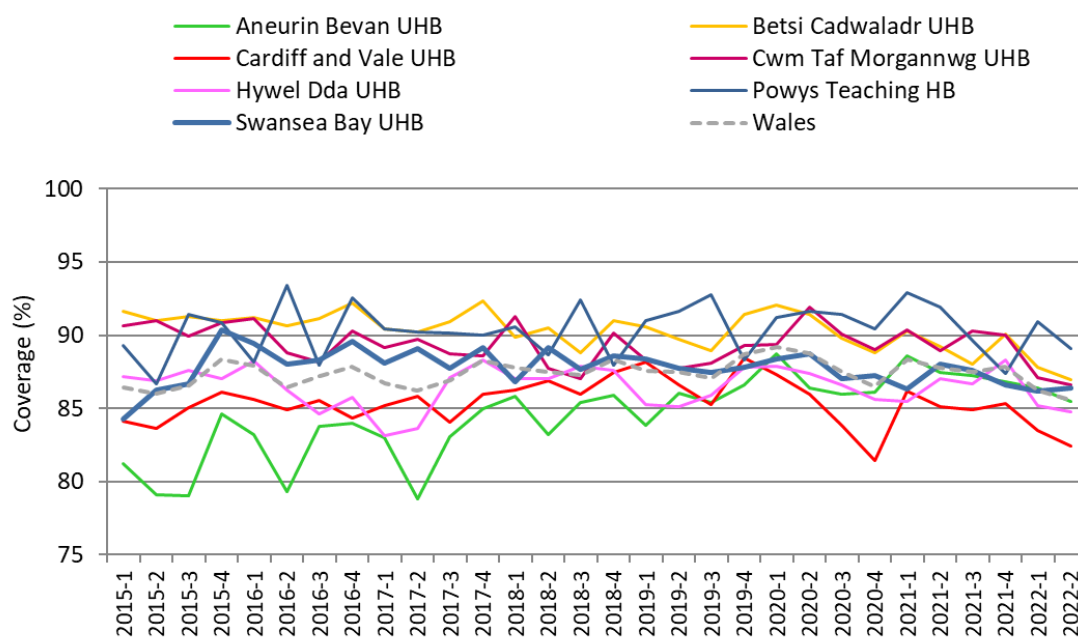


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/04/22 and 30/06/22.

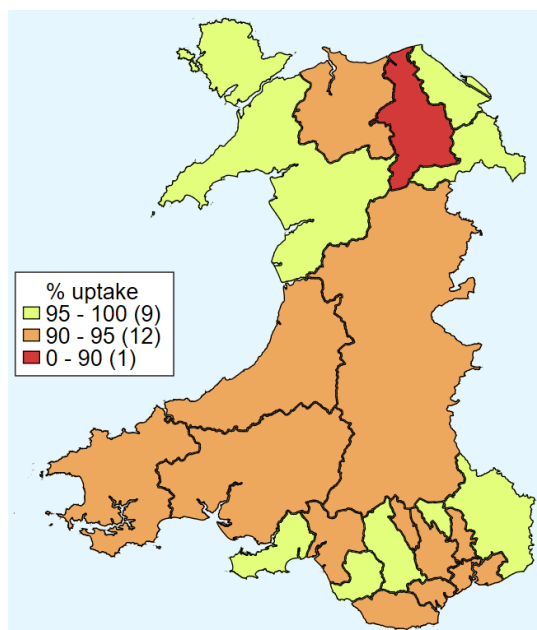


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/04/22 and 30/06/22.

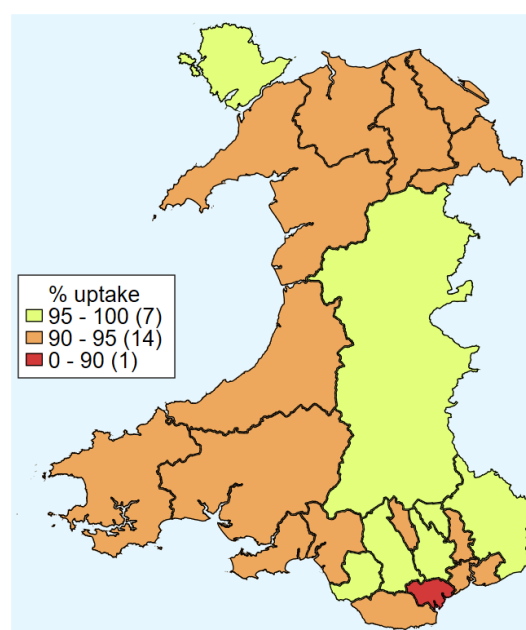


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/04/22 and 30/06/22.

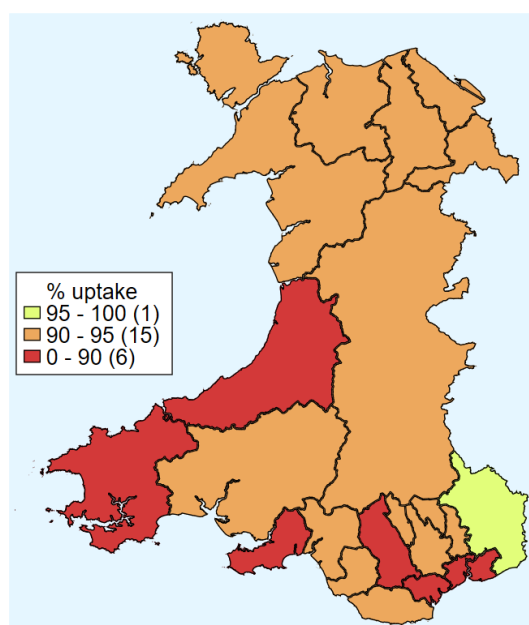


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/04/22 and 30/06/22.

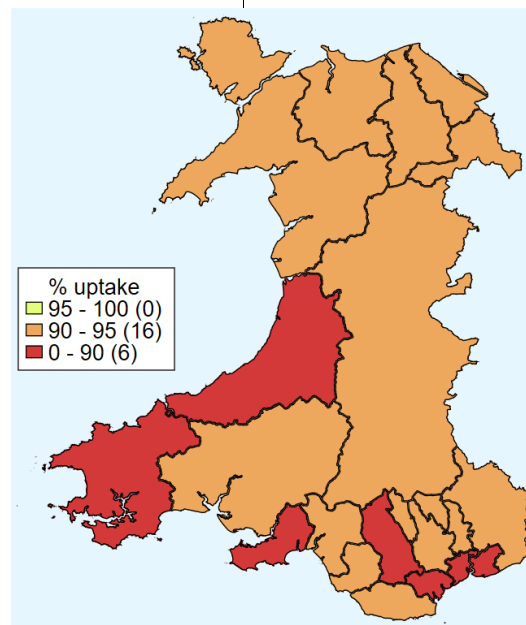


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/04/22 and 30/06/22 and resident on 30/06/22.

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 ⁵
Aneurin Bevan UHB																				
Blaenau Gwent LA	153	95.4	95.4	97.4	97.4	165	98.2	98.2	98.2	96.4	167	88.6	170	90.6	91.8	196	98.5	96.4	82.7	82.1
Caerphilly LA	372	94.9	95.4	96.8	91.7	398	96.2	96.0	95.2	95.7	479	85.6	495	92.1	92.3	506	98.0	93.9	83.8	84.8
Monmouthshire LA	179	97.2	97.2	97.8	94.4	200	96.5	96.5	96.0	96.0	214	90.7	228	95.2	94.7	278	90.6	88.1	75.2	74.8
Newport LA	479	91.0	90.8	93.5	86.8	493	92.1	91.7	90.7	91.7	437	83.5	522	87.5	88.1	463	93.1	88.6	79.0	79.3
Torfaen LA	229	93.0	94.3	95.2	90.4	248	92.3	91.9	92.3	91.5	248	82.3	263	90.5	91.3	291	96.2	93.1	81.4	81.1
Health Board Total	1412	93.6	93.9	95.6	90.8	1504	94.5	94.2	93.7	93.8	1545	85.5	1678	90.7	91.1	1734	95.3	91.7	80.6	80.8
Betsi Cadwaladr UHB																				
Anglesey LA	144	95.8	96.5	97.9	95.8	151	97.4	97.4	97.4	97.4	179	92.7	174	94.8	94.3	205	93.7	90.7	87.8	87.3
Conwy LA	214	91.6	91.6	94.9	87.4	234	92.7	93.6	93.6	92.7	284	83.5	262	90.8	91.2	297	96.0	93.3	83.2	83.5
Denbighshire LA	242	86.8	87.2	92.6	88.4	235	90.6	90.2	90.2	90.2	253	73.9	255	92.5	92.2	291	93.5	90.0	80.4	79.7
Flintshire LA	348	95.4	95.4	96.6	92.0	344	92.4	92.4	92.2	92.2	378	89.4	425	92.7	92.7	444	95.7	91.9	79.7	79.5
Gwynedd LA	233	95.7	94.8	95.7	93.1	248	94.4	94.0	94.0	94.0	288	89.2	270	91.9	92.6	330	96.7	93.9	86.4	87.9
Wrexham LA	297	97.6	97.6	99.3	96.3	297	94.6	94.3	94.3	93.9	340	91.8	406	94.3	94.8	343	94.8	92.4	79.3	79.9
Health Board Total	1478	94.0	94.0	96.2	92.2	1509	93.4	93.4	93.3	93.1	1722	86.9	1792	92.9	93.0	1910	95.2	92.1	82.3	82.5
Cardiff and Vale UHB																				
Cardiff LA	929	91.3	90.1	94.3	88.1	901	89.0	88.5	87.0	88.1	973	82.0	1020	87.0	87.2	1044	93.6	87.9	75.8	75.6
Vale of Glamorgan LA	306	94.8	94.1	95.8	93.8	309	93.2	92.9	92.6	93.2	375	83.5	399	93.0	94.2	376	96.3	91.5	82.4	82.7
Health Board Total	1235	92.1	91.1	94.7	89.5	1210	90.1	89.6	88.4	89.4	1348	82.4	1419	88.7	89.1	1420	94.3	88.9	77.5	77.5
Cwm Taf Morgannwg UHB																				
Bridgend LA	344	98.0	98.3	98.5	95.9	341	95.6	96.5	96.2	96.5	368	88.3	375	94.4	94.7	385	94.0	87.8	91.4	91.2
Merthyr Tydfil LA	149	94.6	94.6	97.3	96.0	166	92.2	93.4	93.4	92.2	161	85.7	189	91.5	92.1	193	95.9	93.8	92.2	92.2
Rhondda Cynon Taf LA	558	97.3	96.8	98.4	96.1	592	95.9	96.3	95.9	95.8	646	85.9	642	89.1	89.7	717	96.8	93.7	90.2	89.5
Health Board Total	1051	97.1	97.0	98.3	96.0	1099	95.3	95.9	95.6	95.5	1175	86.6	1206	91.1	91.6	1295	95.8	92.0	90.9	90.4
Hwyel Dda UHB																				
Carmarthenshire LA	354	94.1	94.4	96.0	93.5	440	94.8	95.2	94.5	95.0	422	82.9	462	91.6	91.1	504	93.5	91.5	84.1	84.1
Ceredigion LA	126	94.4	93.7	94.4	91.3	136	92.6	91.9	92.6	91.9	155	89.0	140	85.0	85.7	158	96.8	94.9	88.0	88.6
Pembrokeshire LA	247	91.1	91.5	93.1	90.3	254	93.3	93.3	92.9	92.9	282	85.1	288	86.8	87.5	378	93.7	88.4	66.4	66.4
Health Board Total	727	93.1	93.3	94.8	92.0	830	94.0	94.1	93.7	93.9	859	84.7	890	89.0	89.1	1040	94.0	90.9	78.3	78.4
Powys Teaching UHB																				
Health Board Total	247	92.7	93.5	95.5	92.7	291	95.2	95.5	95.5	95.2	303	89.1	297	93.6	94.3	355	91.8	86.8	83.4	82.3
Swansea Bay UHB																				
Neath Port Talbot LA	300	94.0	94.0	95.3	93.0	333	92.8	93.1	92.8	92.8	331	84.3	364	90.7	90.9	411	95.9	92.7	88.3	88.6
Swansea LA	529	95.5	93.6	95.8	93.4	516	93.8	92.4	92.6	92.6	608	87.5	604	89.4	89.9	669	94.0	90.9	90.1	90.0
Health Board Total	829	94.9	93.7	95.7	93.2	849	93.4	92.7	92.7	92.7	939	86.4	968	89.9	90.3	1080	94.7	91.6	89.4	89.4
Unknown	39	92.3	92.3	92.3	92.3	30	93.3	90.0	90.0	90.0	32	75.0	22	100.0	100.0	20	90.0	85.0	85.0	85.0
Wales Total	7018	94.0	93.8	95.9	92.1	7322	93.5	93.4	93.0	93.1	7923	85.6	8272	90.7	91.1	8854	94.8	91.1	82.9	82.9

¹ Uptake of pertussis used as proxy.

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

³ Children receiving the final dose of PCV

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

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

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

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

Table 3. Vaccine uptake in children reaching their 1st birthday between 01/04/22 and 30/06/22 and resident on 30/06/22.

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	153	146	95.4	146	95.4	146	95.4	146	95.4	146	95.4	146	95.4
Caerphilly LA	372	353	94.9	353	94.9	353	94.9	353	94.9	353	94.9	353	95.4
Monmouthshire LA	179	174	97.2	174	97.2	174	97.2	174	97.2	174	97.2	174	97.2
Newport LA	479	436	91.0	436	91.0	436	91.0	436	91.0	436	91.0	436	90.8
Torfaen LA	229	213	93.0	213	93.0	213	93.0	213	93.0	213	93.0	213	94.3
Health Board Total	1412	1322	93.6	1322	93.6	1322	93.6	1322	93.6	1322	93.6	1322	93.6
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	144	138	95.8	138	95.8	138	95.8	138	95.8	138	95.8	138	95.8
Conwy LA	214	196	91.6	196	91.6	196	91.6	196	91.6	196	91.6	196	91.6
Denbighshire LA	242	210	86.8	210	86.8	210	86.8	210	86.8	210	86.8	210	86.8
Flintshire LA	348	332	95.4	332	95.4	332	95.4	331	95.1	331	95.1	331	95.1
Gwynedd LA	233	223	95.7	223	95.7	223	95.7	223	95.7	223	95.7	223	95.7
Wrexham LA	297	290	97.6	290	97.6	290	97.6	290	97.6	290	97.6	290	97.6
Health Board Total	1478	1389	94.0	1389	94.0	1389	94.0	1388	93.9	1388	93.9	1388	93.9
<u>Cardiff and Vale University HB</u>													
Cardiff LA	929	848	91.3	848	91.3	848	91.3	848	91.3	848	91.3	848	91.3
Vale of Glamorgan LA	306	290	94.8	290	94.8	290	94.8	290	94.8	290	94.8	290	94.8
Health Board Total	1235	1138	92.1	1138	92.1	1138	92.1	1138	92.1	1138	92.1	1138	92.1
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	344	337	98.0	337	98.0	337	98.0	337	98.0	337	98.0	337	98.0
Merthyr Tydfil LA	149	141	94.6	141	94.6	141	94.6	141	94.6	141	94.6	141	94.6
Rhondda Cynon Taf LA	558	543	97.3	543	97.3	543	97.3	543	97.3	543	97.3	543	97.3
Health Board Total	1051	1021	97.1	1021	97.1	1021	97.1	1021	97.1	1021	97.1	1021	97.1
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	354	333	94.1	333	94.1	333	94.1	333	94.1	333	94.1	333	94.1
Ceredigion LA	126	119	94.4	119	94.4	119	94.4	119	94.4	119	94.4	119	94.4
Pembrokeshire LA	247	225	91.1	225	91.1	225	91.1	225	91.1	224	90.7	224	90.7
Health Board Total	727	677	93.1	677	93.1	677	93.1	677	93.1	677	93.1	677	93.1
<u>Powys Teaching HB</u>													
Health Board Total	247	229	92.7	229	92.7	229	92.7	229	92.7	229	92.7	229	92.7
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	300	282	94.0	282	94.0	282	94.0	282	94.0	282	94.0	282	94.0
Swansea LA	529	505	95.5	505	95.5	505	95.5	505	95.5	505	95.5	505	95.5
Health Board Total	829	787	94.9	787	94.9	787	94.9	787	94.9	787	94.9	787	94.9
Unknown	39	36	92.3	36	92.3	36	92.3	36	92.3	36	92.3	36	92.3
Wales Total	7018	6599	94.0	6599	94.0	6599	94.0	6598	94.0	6598	94.0	6598	94.0

¹ One dose of pneumococcal conjugate vaccine.

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

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/04/22 and 30/06/22 and resident on 30/06/22.

Area	Resident children	D3		T3		P3		Po3		Hib3		HepB ¹		MMR1		PCV2 ¹		PCVf ²		Men B ³		HibMenC	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																							
Blaenau Gwent LA	165	161	97.6	161	97.6	161	97.6	161	97.6	161	97.6	161	97.6	162	98.2	161	97.6	162	98.2	162	98.2	159	96.4
Caerphilly LA	398	385	96.7	385	96.7	385	96.7	385	96.7	385	96.7	385	96.7	383	96.2	388	97.5	382	96.0	379	95.2	381	95.7
Monmouthshire LA	200	198	99.0	198	99.0	198	99.0	198	99.0	198	99.0	198	99.0	193	96.5	197	98.5	193	96.5	192	96.0	192	96.0
Newport LA	493	466	94.5	466	94.5	466	94.5	465	94.3	466	94.5	467	94.7	454	92.1	464	94.1	452	91.7	447	90.7	452	91.7
Torfaen LA	248	231	93.1	231	93.1	231	93.1	231	93.1	231	93.1	231	93.1	229	92.3	235	94.8	228	91.9	229	92.3	227	91.5
Health Board Total	1504	1441	95.8	1441	95.8	1441	95.8	1440	95.7	1441	95.8	1442	95.9	1421	94.5	1445	96.1	1417	94.2	1409	93.7	1411	93.8
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	151	149	98.7	149	98.7	149	98.7	149	98.7	149	98.7	149	98.7	147	97.4	149	98.7	147	97.4	147	97.4	147	97.4
Conwy LA	234	223	95.3	223	95.3	223	95.3	223	95.3	223	95.3	223	95.3	217	92.7	227	97.0	219	93.6	219	93.6	217	92.7
Denbighshire LA	235	227	96.6	227	96.6	227	96.6	227	96.6	227	96.6	227	96.6	213	90.6	228	97.0	212	90.2	212	90.2	212	90.2
Flintshire LA	344	325	94.5	325	94.5	325	94.5	325	94.5	325	94.5	324	94.2	318	92.4	335	97.4	318	92.4	317	92.2	317	92.2
Gwynedd LA	248	240	96.8	240	96.8	240	96.8	240	96.8	240	96.8	239	96.4	234	94.4	237	95.6	233	94.0	233	94.0	233	94.0
Wrexham LA	297	287	96.6	287	96.6	287	96.6	287	96.6	287	96.6	287	96.6	281	94.6	284	95.6	280	94.3	280	94.3	279	93.9
Health Board Total	1509	1451	96.2	1451	96.2	1451	96.2	1451	96.2	1451	96.2	1449	96.0	1410	93.4	1460	96.8	1409	93.4	1408	93.3	1405	93.1
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	901	848	94.1	848	94.1	848	94.1	848	94.1	848	94.1	849	94.2	802	89.0	848	94.1	797	88.5	784	87.0	794	88.1
Vale of Glamorgan LA	309	295	95.5	295	95.5	295	95.5	295	95.5	294	95.1	293	94.8	288	93.2	298	96.4	287	92.9	286	92.6	288	93.2
Health Board Total	1210	1143	94.5	1143	94.5	1143	94.5	1143	94.5	1142	94.4	1142	94.4	1090	90.1	1146	94.7	1084	89.6	1070	88.4	1082	89.4
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	341	334	97.9	334	97.9	334	97.9	334	97.9	334	97.9	334	97.9	326	95.6	336	98.5	329	96.5	328	96.2	329	96.5
Merthyr Tydfil LA	166	158	95.2	158	95.2	158	95.2	158	95.2	158	95.2	158	95.2	153	92.2	159	95.8	155	93.4	155	93.4	153	92.2
Rhondda Cynon Taf LA	592	576	97.3	576	97.3	576	97.3	576	97.3	576	97.3	575	97.1	568	95.9	577	97.5	570	96.3	568	95.9	567	95.8
Health Board Total	1099	1068	97.2	1068	97.2	1068	97.2	1068	97.2	1068	97.2	1067	97.1	1047	95.3	1072	97.5	1054	95.9	1051	95.6	1049	95.5
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	440	425	96.6	425	96.6	425	96.6	425	96.6	425	96.6	425	96.6	417	94.8	426	96.8	419	95.2	416	94.5	418	95.0
Ceredigion LA	136	129	94.9	129	94.9	129	94.9	129	94.9	129	94.9	129	94.9	126	92.6	128	94.1	125	91.9	126	92.6	125	91.9
Pembrokeshire LA	254	241	94.9	241	94.9	241	94.9	241	94.9	241	94.9	241	94.9	237	93.3	243	95.7	237	93.3	236	92.9	236	92.9
Health Board Total	830	795	95.8	795	95.8	795	95.8	795	95.8	795	95.8	795	95.8	780	94.0	797	96.0	781	94.1	778	93.7	779	93.9
<u>Powys Teaching HB</u>																							
Health Board Total	291	285	97.9	285	97.9	285	97.9	285	97.9	285	97.9	285	97.9	277	95.2	286	98.3	278	95.5	278	95.5	277	95.2
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	333	319	95.8	319	95.8	319	95.8	319	95.8	319	95.8	319	95.8	309	92.8	325	97.6	310	93.1	309	92.8	309	92.8
Swansea LA	516	495	95.9	495	95.9	495	95.9	495	95.9	494	95.7	494	95.7	484	93.8	493	95.5	477	92.4	478	92.6	478	92.6
Health Board Total	849	814	95.9	814	95.9	814	95.9	814	95.9	813	95.8	813	95.8	793	93.4	818	96.3	787	92.7	787	92.7	787	92.7
Unknown	30	27	90.0	27	90.0	27	90.0	27	90.0	27	90.0	27	90.0	28	93.3	27	90.0	27	90.0	27	90.0	27	90.0
Wales Total	7322	7024	95.9	7024	95.9	7024	95.9	7023	95.9	7022	95.9	7020	95.9	6846	93.5	7051	96.3	6837	93.4	6808	93.0	6817	93.1

¹ Full primary two dose course of pneumococcal conjugate vaccine.

² Final (booster) dose of pneumococcal conjugate vaccine.

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

Table 5. Vaccine uptake in children reaching their 4th birthday between 01/04/22 and 30/06/22 and resident on 30/06/22. 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	167	148	88.6	163	97.6	148	88.6	148	88.6
Caerphilly LA	479	415	86.6	457	95.4	411	85.8	410	85.6
Monmouthshire LA	214	197	92.1	209	97.7	197	92.1	194	90.7
Newport LA	437	378	86.5	405	92.7	373	85.4	365	83.5
Torfaen LA	248	208	83.9	235	94.8	205	82.7	204	82.3
Health Board Total	1545	1346	87.1	1469	95.1	1334	86.3	1321	85.5
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	179	166	92.7	174	97.2	166	92.7	166	92.7
Conwy LA	284	237	83.5	272	95.8	237	83.5	237	83.5
Denbighshire LA	253	187	73.9	249	98.4	189	74.7	187	73.9
Flintshire LA	378	340	89.9	370	97.9	339	89.7	338	89.4
Gwynedd LA	288	266	92.4	271	94.1	259	89.9	257	89.2
Wrexham LA	340	315	92.6	330	97.1	314	92.4	312	91.8
Health Board Total	1722	1511	87.7	1666	96.7	1504	87.3	1497	86.9
<u>Cardiff and Vale University HB</u>									
Cardiff LA	973	813	83.6	908	93.3	808	83.0	798	82.0
Vale of Glamorgan LA	375	317	84.5	352	93.9	315	84.0	313	83.5
Health Board Total	1348	1130	83.8	1260	93.5	1123	83.3	1111	82.4
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	368	330	89.7	351	95.4	329	89.4	325	88.3
Merthyr Tydfil LA	161	139	86.3	156	96.9	139	86.3	138	85.7
Rhondda Cynon Taf LA	646	563	87.2	631	97.7	558	86.4	555	85.9
Health Board Total	1175	1032	87.8	1138	96.9	1026	87.3	1018	86.6
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	422	352	83.4	406	96.2	358	84.8	350	82.9
Ceredigion LA	155	140	90.3	146	94.2	139	89.7	138	89.0
Pembrokeshire LA	282	243	86.2	262	92.9	240	85.1	240	85.1
Health Board Total	859	735	85.6	814	94.8	737	85.8	728	84.7
<u>Powys Teaching HB</u>									
Health Board Total	303	272	89.8	297	98.0	275	90.8	270	89.1
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	331	282	85.2	308	93.1	282	85.2	279	84.3
Swansea LA	608	540	88.8	575	94.6	539	88.7	532	87.5
Health Board Total	939	822	87.5	883	94.0	821	87.4	811	86.4
Unknown	32	26	81.3	29	90.6	25	78.1	24	75.0
Wales Total	7923	6874	86.8	7556	95.4	6845	86.4	6780	85.6

¹ Uptake of acellular pertussis used as proxy

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

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/04/22 and 30/06/22 and resident on 30/06/22. 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	170	156	91.8	159	93.5	154	90.6	152	89.4
Caerphilly LA	495	457	92.3	479	96.8	456	92.1	454	91.7
Monmouthshire LA	228	216	94.7	221	96.9	217	95.2	214	93.9
Newport LA	522	460	88.1	486	93.1	457	87.5	448	85.8
Torfaen LA	263	240	91.3	256	97.3	238	90.5	238	90.5
Health Board Total	1678	1529	91.1	1601	95.4	1522	90.7	1506	89.7
Betsi Cadwaladr University HB									
Anglesey LA	174	164	94.3	169	97.1	165	94.8	164	94.3
Conwy LA	262	239	91.2	243	92.7	238	90.8	236	90.1
Denbighshire LA	255	235	92.2	248	97.3	236	92.5	235	92.2
Flintshire LA	425	394	92.7	407	95.8	394	92.7	391	92.0
Gwynedd LA	270	250	92.6	255	94.4	248	91.9	243	90.0
Wrexham LA	406	385	94.8	389	95.8	383	94.3	380	93.6
Health Board Total	1792	1667	93.0	1711	95.5	1664	92.9	1649	92.0
Cardiff and Vale University HB									
Cardiff LA	1020	889	87.2	948	92.9	887	87.0	865	84.8
Vale of Glamorgan LA	399	376	94.2	385	96.5	371	93.0	367	92.0
Health Board Total	1419	1265	89.1	1333	93.9	1258	88.7	1232	86.8
Cwm Taf Morgannwg University HB									
Bridgend LA	375	355	94.7	363	96.8	354	94.4	351	93.6
Merthyr Tydfil LA	189	174	92.1	181	95.8	173	91.5	171	90.5
Rhondda Cynon Taf LA	642	576	89.7	616	96.0	572	89.1	568	88.5
Health Board Total	1206	1105	91.6	1160	96.2	1099	91.1	1090	90.4
Hywel Dda University HB									
Carmarthenshire LA	462	421	91.1	451	97.6	423	91.6	421	91.1
Ceredigion LA	140	120	85.7	130	92.9	119	85.0	118	84.3
Pembrokeshire LA	288	252	87.5	265	92.0	250	86.8	248	86.1
Health Board Total	890	793	89.1	846	95.1	792	89.0	787	88.4
Powys Teaching HB									
Health Board Total	297	280	94.3	283	95.3	278	93.6	276	92.9
Swansea Bay University HB									
Neath Port Talbot LA	364	331	90.9	347	95.3	330	90.7	327	89.8
Swansea LA	604	543	89.9	564	93.4	540	89.4	535	88.6
Health Board Total	968	874	90.3	911	94.1	870	89.9	862	89.0
Unknown	22	22	100.0	22	100.0	22	100.0	22	100.0
Wales Total	8272	7535	91.1	7867	95.1	7505	90.7	7424	89.7

¹ Uptake of acellular pertussis used as proxy

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

Table 7. Vaccine uptake in children reaching their 5th birthday between 01/04/22 and 30/06/22 and resident on 30/06/22.

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	170	164	96.5	164	96.5	164	96.5	164	96.5	164	96.5	1	0.6	161	94.7	159	93.5	164	96.5	154	90.6	156	91.8	156	91.8	156	91.8	156	91.8
Caerphilly LA	495	487	98.4	487	98.4	487	98.4	487	98.4	487	98.4	0	0.0	474	95.8	479	96.8	484	97.8	456	92.1	457	92.3	457	92.3	457	92.3	457	92.3
Monmouthshire LA	228	222	97.4	222	97.4	222	97.4	222	97.4	222	97.4	0	0.0	221	96.9	221	96.9	223	97.8	217	95.2	216	94.7	216	94.7	216	94.7	216	94.7
Newport LA	522	493	94.4	493	94.4	493	94.4	493	94.4	492	94.3	2	0.4	485	92.9	486	93.1	496	95.0	457	87.5	460	88.1	460	88.1	460	88.1	460	88.1
Torfaen LA	263	258	98.1	258	98.1	258	98.1	258	98.1	258	98.1	0	0.0	255	97	256	97.3	255	97.0	238	90.5	240	91.3	240	91.3	240	91.3	240	91.3
Health Board Total	1678	1624	96.8	1624	96.8	1624	96.8	1624	96.8	1623	96.7	3	0.2	1596	95.1	1601	95.4	1622	96.7	1522	90.7	1529	91.1	1529	91.1	1529	91.1	1529	91.1
<u>Betsi Cadwaladr University HB</u>																													
Anglesey LA	174	171	98.3	171	98.3	171	98.3	171	98.3	171	98.3	0	0.0	167	96	169	97.1	169	97.1	165	94.8	164	94.3	164	94.3	164	94.3	164	94.3
Conwy LA	262	242	92.4	242	92.4	242	92.4	242	92.4	242	92.4	0	0.0	242	92.4	243	92.7	246	93.9	238	90.8	239	91.2	239	91.2	239	91.2	239	91.2
Denbighshire LA	255	248	97.3	248	97.3	248	97.3	248	97.3	248	97.3	1	0.4	246	96.5	248	97.3	248	97.3	236	92.5	235	92.2	235	92.2	235	92.2	235	92.2
Flintshire LA	425	407	95.8	407	95.8	407	95.8	407	95.8	406	95.5	0	0.0	402	94.6	407	95.8	409	96.2	394	92.7	394	92.7	394	92.7	394	92.7	394	92.7
Gwynedd LA	270	258	95.6	258	95.6	258	95.6	258	95.6	259	95.9	0	0.0	258	95.6	255	94.4	260	96.3	248	91.9	250	92.6	250	92.6	250	92.6	250	92.6
Wrexham LA	406	397	97.8	397	97.8	397	97.8	397	97.8	396	97.5	0	0.0	392	96.6	389	95.8	393	96.8	383	94.3	385	94.8	385	94.8	385	94.8	385	94.8
Health Board Total	1792	1723	96.1	1723	96.1	1723	96.1	1723	96.1	1722	96.1	1	0.1	1707	95.3	1711	95.5	1725	96.3	1664	92.9	1667	93.0	1667	93.0	1667	93.0	1667	93.0
<u>Cardiff and Vale University HB</u>																													
Cardiff LA	1020	968	94.9	968	94.9	968	94.9	968	94.9	967	94.8	7	0.7	921	90.3	948	92.9	968	94.9	887	87.0	890	87.3	890	87.3	889	87.2	888	87.1
Vale of Glamorgan LA	399	385	96.5	385	96.5	385	96.5	385	96.5	386	96.7	5	1.3	381	95.5	385	96.5	388	97.2	371	93.0	376	94.2	376	94.2	376	94.2	376	94.2
Health Board Total	1419	1353	95.3	1353	95.3	1353	95.3	1353	95.3	1353	95.3	12	0.8	1302	91.8	1333	93.9	1356	95.6	1258	88.7	1266	89.2	1266	89.2	1265	89.1	1264	89.1
<u>Cwm Taf Morgannwg University HB</u>																													
Bridgend LA	375	367	97.9	367	97.9	367	97.9	367	97.9	367	97.9	0	0.0	361	96.3	363	96.8	368	98.1	354	94.4	355	94.7	355	94.7	355	94.7	355	94.7
Merthyr Tydfil LA	189	183	96.8	183	96.8	183	96.8	183	96.8	183	96.8	0	0.0	182	96.3	181	95.8	184	97.4	173	91.5	174	92.1	174	92.1	174	92.1	174	92.1
Rhondda Cynon Taf LA	642	624	97.2	624	97.2	624	97.2	624	97.2	625	97.4	3	0.5	606	94.4	616	96.0	619	96.4	572	89.1	576	89.7	576	89.7	576	89.7	576	89.7
Health Board Total	1206	1174	97.3	1174	97.3	1174	97.3	1174	97.3	1175	97.4	3	0.2	1149	95.3	1160	96.2	1171	97.1	1099	91.1	1105	91.6	1105	91.6	1105	91.6	1105	91.6
<u>Hywel Dda University HB</u>																													
Cardemarthenshire LA	462	452	97.8	452	97.8	452	97.8	451	97.6	451	97.6	1	0.2	437	94.6	451	97.6	452	97.8	423	91.6	421	91.1	421	91.1	421	91.1	421	91.1
Ceredigion LA	140	131	93.6	131	93.6	131	93.6	131	93.6	131	93.6	0	0.0	129	92.1	130	92.9	130	92.9	119	85.0	120	85.7	120	85.7	120	85.7	120	85.7
Pembrokeshire LA	288	273	94.8	273	94.8	273	94.8	272	94.4	272	94.4	0	0.0	261	90.6	265	92.0	269	93.4	250	86.8	252	87.5	252	87.5	252	87.5	252	87.5
Health Board Total	890	856	96.2	856	96.2	856	96.2	854	96.0	854	96.0	1	0.1	827	92.9	846	95.1	851	95.6	792	89.0	793	89.1	793	89.1	793	89.1	793	89.1
<u>Powys Teaching HB</u>																													
Health Board Total	297	287	96.6	287	96.6	287	96.6	287	96.6	287	96.6	0	0.0	281	94.6	283	95.3	286	96.3	278	93.6	280	94.3	280	94.3	280	94.3	280	94.3
<u>Swansea Bay University HB</u>																													
Neath Port Talbot LA	364	353	97.0	353	97.0	353	97.0	353	97.0	353	97.0	0	0.0	346	95.1	347	95.3	347	95.3	330	90.7	331	90.9	331	90.9	331	90.9	331	90.9
Swansea LA	604	571	94.5	571	94.5	571	94.5	571	94.5	570	94.4	2	0.3	555	91.9	564	93.4	572	94.7	540	89.4	543	89.9	543	89.9	543	89.9	543	89.9
Health Board Total	968	924	95.5	924	95.5	924	95.5	924	95.5	923	95.4	2	0.2	901	93.1	911	94.1	919	94.9	870	89.9	874	90.3	874	90.3	874	90.3	874	90.3
Unknown	22	22	100.0	22	100.0	22	100.0	22	100.0	22	100.0	1	4.5	22	100	22	100.0	22	100.0	22	100.0	22	100.0	22	100.0	22	100.0	22	100.0
Wales Total	8272	7963	96.3	7963	96.3	7963	96.3	7961	96.2	7959	96.2	23	0.3	7785	94.1	7867	95.1	7952	96.1	7505	90.7	7536	91.1	7536	91.1	7535	91.1	7534	91.1

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 30/06/22, 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	810	353	43.6	383	190	49.6	427	163	38.2
Caerphilly LA	2202	701	31.8	1068	409	38.3	1134	292	25.7
Monmouthshire LA	1078	294	27.3	539	150	27.8	539	144	26.7
Newport LA	2139	873	40.8	1000	448	44.8	1138	425	37.3
Torfaen LA	1159	268	23.1	538	142	26.4	620	126	20.3
Health Board Total	7388	2489	33.7	3528	1339	38.0	3858	1150	29.8
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	802	594	74.1	376	301	80.1	426	293	68.8
Conwy LA	1237	659	53.3	625	366	58.6	612	293	47.9
Denbighshire LA	1128	547	48.5	559	282	50.4	569	265	46.6
Flintshire LA	1765	1115	63.2	861	580	67.4	904	535	59.2
Gwynedd LA	1325	898	67.8	645	459	71.2	676	435	64.3
Wrexham LA	1614	1075	66.6	763	537	70.4	851	538	63.2
Health Board Total	7871	4888	62.1	3829	2525	65.9	4038	2359	58.4
<u>Cardiff and Vale University HB</u>									
Cardiff LA	4556	1502	33.0	2251	775	34.4	2305	727	31.5
Vale of Glamorgan LA	1655	583	35.2	800	320	40.0	855	263	30.8
Health Board Total	6211	2085	33.6	3051	1095	35.9	3160	990	31.3
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	1695	1147	67.7	771	538	69.8	924	609	65.9
Merthyr Tydfil LA	744	376	50.5	386	225	58.3	358	151	42.2
Rhondda Cynon Taf LA	2973	2311	77.7	1451	1165	80.3	1522	1146	75.3
Health Board Total	5412	3834	70.8	2608	1928	73.9	2804	1906	68.0
<u>Hywel Dda University HB</u>									
Cardiganshire LA	2109	112	5.3	1051	53	5.0	1058	59	5.6
Ceredigion LA	604	473	78.3	303	247	81.5	301	226	75.1
Pembrokeshire LA	1387	907	65.4	699	503	72.0	688	404	58.7
Health Board Total	4100	1492	36.4	2053	803	39.1	2047	689	33.7
<u>Powys Teaching HB</u>									
Health Board Total	1353	944	69.8	657	488	74.3	695	456	65.6
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	1674	1408	84.1	812	703	86.6	862	705	81.8
Swansea LA	2707	2281	84.3	1300	1120	86.2	1407	1161	82.5
Health Board Total	4381	3689	84.2	2112	1823	86.3	2269	1866	82.2
Unknown	66	28	42.4	33	19	57.6	33	9	27.3
Wales Total	36782	19449	52.9	17871	10020	56.1	18904	9425	49.9

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

Table 8b. Uptake of HPV vaccine in children reaching 14 years of age between 01/09/21 and 31/08/22 (School Year 9) and resident on 30/06/22, with breakdown of coverage for sex.

Area	Resident children (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)	Resident girls (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)	Resident boys (n)	HPV 1 dose (n)	(%)	HPV 2 dose (n)	(%)
<u>Aneurin Bevan University HB</u>															
Blaenau Gwent LA	841	666	79.2	402	47.8	407	339	83.3	207	50.9	434	327	75.3	195	44.9
Caerphilly LA	2276	1855	81.5	778	34.2	1088	919	84.5	440	40.4	1188	936	78.8	338	28.5
Monmouthshire LA	1104	817	74.0	279	25.3	543	423	77.9	139	25.6	561	394	70.2	140	25.0
Newport LA	2241	1589	70.9	612	27.3	1075	824	76.7	330	30.7	1165	765	65.7	282	24.2
Torfaen LA	1155	919	79.6	338	29.3	556	459	82.6	155	27.9	599	460	76.8	183	30.6
Health Board Total	7617	5846	76.7	2409	31.6	3669	2964	80.8	1271	34.6	3947	2882	73.0	1138	28.8
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	810	662	81.7	539	66.5	413	358	86.7	293	70.9	397	304	76.6	246	62.0
Conwy LA	1261	1003	79.5	720	57.1	634	533	84.1	381	60.1	626	470	75.1	339	54.2
Denbighshire LA	1191	808	67.8	504	42.3	571	414	72.5	263	46.1	620	394	63.5	241	38.9
Flintshire LA	1840	1412	76.7	1170	63.6	893	702	78.6	584	65.4	947	710	75.0	586	61.9
Gwynedd LA	1317	1106	84.0	1039	78.9	632	549	86.9	520	82.3	685	557	81.3	519	75.8
Wrexham LA	1683	1356	80.6	1021	60.7	821	697	84.9	529	64.4	861	659	76.5	492	57.1
Health Board Total	8102	6347	78.3	4993	61.6	3964	3253	82.1	2570	64.8	4136	3094	74.8	2423	58.6
<u>Cardiff and Vale University HB</u>															
Cardiff LA	4518	3404	75.3	2967	65.7	2227	1755	78.8	1535	68.9	2291	1649	72.0	1432	62.5
Vale of Glamorgan LA	1709	1336	78.2	1136	66.5	828	672	81.2	581	70.2	881	664	75.4	555	63.0
Health Board Total	6227	4740	76.1	4103	65.9	3055	2427	79.4	2116	69.3	3172	2313	72.9	1987	62.6
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	1704	1518	89.1	1164	68.3	817	751	91.9	570	69.8	887	767	86.5	594	67.0
Merthyr Tydfil LA	777	661	85.1	415	53.4	378	333	88.1	226	59.8	399	328	82.2	189	47.4
Rhondda Cynon Taf LA	2942	2591	88.1	2078	70.6	1446	1296	89.6	1033	71.4	1493	1293	86.6	1044	69.9
Health Board Total	5423	4770	88.0	3657	67.4	2641	2380	90.1	1829	69.3	2779	2388	85.9	1827	65.7
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	2296	1901	82.8	125	5.4	1139	976	85.7	73	6.4	1157	925	79.9	52	4.5
Ceredigion LA	656	544	82.9	518	79.0	321	280	87.2	269	83.8	335	264	78.8	249	74.3
Pembrokeshire LA	1371	1072	78.2	974	71.0	678	560	82.6	511	75.4	693	512	73.9	463	66.8
Health Board Total	4323	3517	81.4	1617	37.4	2138	1816	84.9	853	39.9	2185	1701	77.8	764	35.0
<u>Powys Teaching HB</u>															
Health Board Total	1479	1194	80.7	1042	70.5	690	580	84.1	504	73.0	789	614	77.8	538	68.2
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	1664	1513	90.9	1312	78.8	779	713	91.5	618	79.3	885	800	90.4	694	78.4
Swansea LA	2888	2614	90.5	2296	79.5	1439	1313	91.2	1173	81.5	1449	1301	89.8	1123	77.5
Health Board Total	4552	4127	90.7	3608	79.3	2218	2026	91.3	1791	80.7	2334	2101	90.0	1817	77.8
Unknown	78	52	66.7	39	50.0	44	27	61.4	21	47.7	34	25	73.5	18	52.9
Wales Total	37801	30593	80.9	21468	56.8	18419	15473	84.0	10955	59.5	19376	15118	78.0	10512	54.3

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

Table 9. Uptake of HPV vaccine in children reaching 13, 14 and 15 years of age between 01/09/21 and 31/08/22 and resident on 30/06/22.

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	810	353	43.6	841	666	79.2	402	47.8	725	444	61.2	229	31.6
Caerphilly LA	2202	701	31.8	2276	1855	81.5	778	34.2	2100	1596	76.0	614	29.2
Monmouthshire LA	1078	294	27.3	1104	817	74.0	279	25.3	1092	827	75.7	295	27.0
Newport LA	2139	873	40.8	2241	1589	70.9	612	27.3	2054	1410	68.6	753	36.7
Torfaen LA	1159	268	23.1	1155	919	79.6	338	29.3	1134	868	76.5	374	33.0
Health Board Total	7388	2489	33.7	7617	5846	76.7	2409	31.6	7105	5145	72.4	2265	31.9
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	802	594	74.1	810	662	81.7	539	66.5	784	623	79.5	568	72.4
Conwy LA	1237	659	53.3	1261	1003	79.5	720	57.1	1215	958	78.8	785	64.6
Denbighshire LA	1128	547	48.5	1191	808	67.8	504	42.3	1148	905	78.8	683	59.5
Flintshire LA	1765	1115	63.2	1840	1412	76.7	1170	63.6	1819	1528	84.0	1388	76.3
Gwynedd LA	1325	898	67.8	1317	1106	84.0	1039	78.9	1297	1147	88.4	1115	86.0
Wrexham LA	1614	1075	66.6	1683	1356	80.6	1021	60.7	1561	1293	82.8	1166	74.7
Health Board Total	7871	4888	62.1	8102	6347	78.3	4993	61.6	7824	6454	82.5	5705	72.9
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4556	1502	33.0	4518	3404	75.3	2967	65.7	4308	3460	80.3	2973	69.0
Vale of Glamorgan LA	1655	583	35.2	1709	1336	78.2	1136	66.5	1635	1378	84.3	1168	71.4
Health Board Total	6211	2085	33.6	6227	4740	76.1	4103	65.9	5943	4838	81.4	4141	69.7
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1695	1147	67.7	1704	1518	89.1	1164	68.3	1765	1561	88.4	1468	83.2
Merthyr Tydfil LA	744	376	50.5	777	661	85.1	415	53.4	718	587	81.8	543	75.6
Rhondda Cynon Taf LA	2973	2311	77.7	2942	2591	88.1	2078	70.6	2860	2511	87.8	2327	81.4
Health Board Total	5412	3834	70.8	5423	4770	88.0	3657	67.4	5343	4659	87.2	4338	81.2
<u>Hywel Dda University HB</u>													
Cardiganshire LA	2109	112	5.3	2296	1901	82.8	125	5.4	2169	1935	89.2	1725	79.5
Ceredigion LA	604	473	78.3	656	544	82.9	518	79.0	681	596	87.5	567	83.3
Pembrokeshire LA	1387	907	65.4	1371	1072	78.2	974	71.0	1357	1070	78.9	940	69.3
Health Board Total	4100	1492	36.4	4323	3517	81.4	1617	37.4	4207	3601	85.6	3232	76.8
<u>Powys Teaching HB</u>													
Health Board Total	1353	944	69.8	1479	1194	80.7	1042	70.5	1371	1170	85.3	1027	74.9
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1674	1408	84.1	1664	1513	90.9	1312	78.8	1636	1530	93.5	1451	88.7
Swansea LA	2707	2281	84.3	2888	2614	90.5	2296	79.5	2735	2520	92.1	2410	88.1
Health Board Total	4381	3689	84.2	4552	4127	90.7	3608	79.3	4371	4050	92.7	3861	88.3
Unknown	66	28	42.4	78	52	66.7	39	50.0	59	40	67.8	35	59.3
Wales Total	36782	19449	52.9	37801	30593	80.9	21468	56.8	36223	29957	82.7	24604	67.9

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 30/06/22.

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	409	48.6	725	543	74.9	784	660	84.2	699	612	87.6
Caerphilly LA	2276	811	35.6	2100	1671	79.6	2139	1781	83.3	2069	1797	86.9
Monmouthshire LA	1104	299	27.1	1092	818	74.9	1106	855	77.3	1090	869	79.7
Newport LA	2241	948	42.3	2054	1490	72.5	1923	1510	78.5	1928	1578	81.8
Torfaen LA	1155	352	30.5	1134	882	77.8	1144	923	80.7	1127	971	86.2
Health Board Total	7617	2819	37.0	7105	5404	76.1	7096	5729	80.7	6913	5827	84.3
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	810	550	67.9	784	617	78.7	717	605	84.4	719	612	85.1
Conwy LA	1261	843	66.9	1215	923	76.0	1231	1051	85.4	1181	1066	90.3
Denbighshire LA	1191	708	59.4	1148	871	75.9	1132	888	78.4	1122	934	83.2
Flintshire LA	1840	1237	67.2	1819	1536	84.4	1687	1309	77.6	1656	1424	86.0
Gwynedd LA	1317	979	74.3	1297	1118	86.2	1355	1185	87.5	1266	1140	90.0
Wrexham LA	1683	1022	60.7	1561	1227	78.6	1572	1237	78.7	1499	1278	85.3
Health Board Total	8102	5339	65.9	7824	6292	80.4	7694	6275	81.6	7443	6454	86.7
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4518	3114	68.9	4308	3182	73.9	4168	3209	77.0	4039	3137	77.7
Vale of Glamorgan LA	1709	1294	75.7	1635	1292	79.0	1512	1283	84.9	1531	1266	82.7
Health Board Total	6227	4408	70.8	5943	4474	75.3	5680	4492	79.1	5570	4403	79.0
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1704	1396	81.9	1765	1564	88.6	1626	1479	91.0	1681	1544	91.9
Merthyr Tydfil LA	777	565	72.7	718	602	83.8	710	640	90.1	713	641	89.9
Rhondda Cynon Taf LA	2942	2275	77.3	2860	2500	87.4	2879	2632	91.4	2885	2642	91.6
Health Board Total	5423	4236	78.1	5343	4666	87.3	5215	4751	91.1	5279	4827	91.4
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2296	135	5.9	2169	1842	84.9	2128	1811	85.1	2034	1787	87.9
Ceredigion LA	656	538	82.0	681	597	87.7	610	533	87.4	663	583	87.9
Pembrokeshire LA	1371	853	62.2	1357	1112	81.9	1376	965	70.1	1245	1049	84.3
Health Board Total	4323	1526	35.3	4207	3551	84.4	4114	3309	80.4	3942	3419	86.7
<u>Powys Teaching HB</u>												
Health Board Total	1479	1097	74.2	1371	1193	87.0	1374	1151	83.8	1416	1239	87.5
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1664	1353	81.3	1636	1462	89.4	1642	1466	89.3	1650	1529	92.7
Swansea LA	2888	2440	84.5	2735	2488	91.0	2650	2387	90.1	2579	2341	90.8
Health Board Total	4552	3793	83.3	4371	3950	90.4	4292	3853	89.8	4229	3870	91.5
Unknown	78	47	60.3	59	41	69.5	78	63	80.8	92	73	79.3
Wales Total	37801	23265	61.5	36223	29571	81.6	35543	29623	83.3	34884	30112	86.3

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

Table 11. MMR, Td/IPV and MenACWY vaccine uptake in children in 2021-22 school year 9 reaching their 14th birthday between 01/09/21 and 31/08/22 and resident on 30/06/22, 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>																			
Blaenau Gwent LA	841	812	96.6	786	93.5	413	49.1	409	48.6	407	389	95.6	373	91.6	434	423	97.5	413	95.2
Caerphilly LA	2276	2222	97.6	2175	95.6	815	35.8	811	35.6	1088	1062	97.6	1041	95.7	1188	1160	97.6	1134	95.5
Monmouthshire LA	1104	1015	91.9	987	89.4	292	26.4	299	27.1	543	499	91.9	482	88.8	561	516	92.0	505	90.0
Newport LA	2241	2104	93.9	2017	90.0	945	42.2	948	42.3	1075	1021	95.0	983	91.4	1165	1082	92.9	1034	88.8
Torfaen LA	1155	1116	96.6	1087	94.1	318	27.5	352	30.5	556	542	97.5	529	95.1	599	574	95.8	558	93.2
Health Board Total	7617	7269	95.4	7052	92.6	2783	36.5	2819	37.0	3669	3513	95.7	3408	92.9	3947	3755	95.1	3644	92.3
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	810	777	95.9	759	93.7	571	70.5	550	67.9	413	397	96.1	387	93.7	397	380	95.7	372	93.7
Conwy LA	1261	1213	96.2	1191	94.4	835	66.2	843	66.9	634	611	96.4	601	94.8	626	602	96.2	590	94.2
Denbighshire LA	1191	1133	95.1	1111	93.3	711	59.7	708	59.4	571	537	94.0	531	93.0	620	596	96.1	580	93.5
Flintshire LA	1840	1715	93.2	1681	91.4	1235	67.1	1237	67.2	893	826	92.5	809	90.6	947	889	93.9	872	92.1
Gwynedd LA	1317	1271	96.5	1231	93.5	999	75.9	979	74.3	632	610	96.5	587	92.9	685	661	96.5	644	94.0
Wrexham LA	1683	1602	95.2	1575	93.6	1023	60.8	1022	60.7	821	788	96.0	779	94.9	861	813	94.4	795	92.3
Health Board Total	8102	7711	95.2	7548	93.2	5374	66.3	5339	65.9	3964	3769	95.1	3694	93.2	4136	3941	95.3	3853	93.2
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4518	4277	94.7	4059	89.8	3099	68.6	3114	68.9	2227	2124	95.4	2015	90.5	2291	2153	94.0	2044	89.2
Vale of Glamorgan LA	1709	1658	97.0	1604	93.9	1290	75.5	1294	75.7	828	805	97.2	779	94.1	881	853	96.8	825	93.6
Health Board Total	6227	5935	95.3	5663	90.9	4389	70.5	4408	70.8	3055	2929	95.9	2794	91.5	3172	3006	94.8	2869	90.4
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1704	1660	97.4	1604	94.1	1394	81.8	1396	81.9	817	796	97.4	777	95.1	887	864	97.4	827	93.2
Merthyr Tydfil LA	777	750	96.5	727	93.6	568	73.1	565	72.7	378	366	96.8	351	92.9	399	384	96.2	376	94.2
Rhondda Cynon Taf LA	2942	2852	96.9	2793	94.9	2274	77.3	2275	77.3	1446	1404	97.1	1378	95.3	1493	1445	96.8	1414	94.7
Health Board Total	5423	5262	97.0	5124	94.5	4236	78.1	4236	78.1	2641	2566	97.2	2506	94.9	2779	2693	96.9	2617	94.2
<u>Hywel Dda University HB</u>																			
Cardemarthenshire LA	2296	2174	94.7	2102	91.6	148	6.4	135	5.9	1139	1076	94.5	1040	91.3	1157	1098	94.9	1062	91.8
Ceredigion LA	656	607	92.5	591	90.1	540	82.3	538	82.0	321	296	92.2	288	89.7	335	311	92.8	303	90.4
Pembrokeshire LA	1371	1276	93.1	1211	88.3	857	62.5	853	62.2	678	638	94.1	617	91.0	693	638	92.1	594	85.7
Health Board Total	4323	4057	93.8	3904	90.3	1545	35.7	1526	35.3	2138	2010	94.0	1945	91.0	2185	2047	93.7	1959	89.7
<u>Powys Teaching HB</u>																			
Health Board Total	1479	1370	92.6	1325	89.6	1093	73.9	1097	74.2	690	642	93.0	623	90.3	789	728	92.3	702	89.0
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1664	1630	98.0	1581	95.0	1350	81.1	1353	81.3	779	763	97.9	744	95.5	885	867	98.0	837	94.6
Swansea LA	2888	2752	95.3	2678	92.7	2424	83.9	2440	84.5	1439	1369	95.1	1342	93.3	1449	1383	95.4	1336	92.2
Health Board Total	4552	4382	96.3	4259	93.6	3774	82.9	3793	83.3	2218	2132	96.1	2086	94.0	2334	2250	96.4	2173	93.1
Unknown	78	70	89.7	69	88.5	46	59.0	47	60.3	44	41	93.2	40	90.9	34	29	85.3	29	85.3
Wales Total	37801	36056	95.4	34944	92.4	23240	61.5	23265	61.5	18419	17602	95.6	17096	92.8	19376	18449	95.2	17846	92.1

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

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

Table 12. MMR, Td/IPV and MenACWY vaccine uptake in children in 2021-22 school year 10 reaching their 15th birthday between 01/09/21 and 31/08/22 and resident on 30/06/22, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ¹		MenACWY	Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																			
Blaenau Gwent LA	725	700	96.6	680	93.8	535	73.8	543	74.9	390	374	95.9	363	93.1	335	326	97.3	317	94.6
Caerphilly LA	2100	2046	97.4	1991	94.8	1668	79.4	1671	79.6	1051	1031	98.1	1005	95.6	1049	1015	96.8	986	94.0
Monmouthshire LA	1092	1022	93.6	990	90.7	821	75.2	818	74.9	538	502	93.3	489	90.9	554	520	93.9	501	90.4
Newport LA	2054	1933	94.1	1854	90.3	1499	73.0	1490	72.5	992	937	94.5	902	90.9	1061	996	93.9	952	89.7
Torfaen LA	1134	1115	98.3	1081	95.3	879	77.5	882	77.8	546	538	98.5	523	95.8	588	577	98.1	558	94.9
Health Board Total	7105	6816	95.9	6596	92.8	5402	76.0	5404	76.1	3517	3382	96.2	3282	93.3	3587	3434	95.7	3314	92.4
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	784	756	96.4	734	93.6	619	79.0	617	78.7	367	356	97.0	345	94.0	417	400	95.9	389	93.3
Conwy LA	1215	1157	95.2	1129	92.9	917	75.5	923	76.0	598	571	95.5	565	94.5	617	586	95.0	564	91.4
Denbighshire LA	1148	1083	94.3	1060	92.3	866	75.4	871	75.9	550	521	94.7	508	92.4	597	562	94.1	552	92.5
Flintshire LA	1819	1727	94.9	1680	92.4	1534	84.3	1536	84.4	894	843	94.3	824	92.2	925	884	95.6	856	92.5
Gwynedd LA	1297	1256	96.8	1226	94.5	1127	86.9	1118	86.2	638	616	96.6	604	94.7	658	640	97.3	622	94.5
Wrexham LA	1561	1508	96.6	1470	94.2	1230	78.8	1227	78.6	732	715	97.7	695	94.9	829	793	95.7	775	93.5
Health Board Total	7824	7487	95.7	7299	93.3	6293	80.4	6292	80.4	3779	3622	95.8	3541	93.7	4043	3865	95.6	3758	93.0
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4308	4054	94.1	3849	89.3	3185	73.9	3182	73.9	2126	2009	94.5	1899	89.3	2181	2044	93.7	1949	89.4
Vale of Glamorgan LA	1635	1566	95.8	1502	91.9	1295	79.2	1292	79.0	785	752	95.8	725	92.4	850	814	95.8	777	91.4
Health Board Total	5943	5620	94.6	5351	90.0	4480	75.4	4474	75.3	2911	2761	94.8	2624	90.1	3031	2858	94.3	2726	89.9
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1765	1702	96.4	1621	91.8	1555	88.1	1564	88.6	858	830	96.7	795	92.7	907	872	96.1	826	91.1
Merthyr Tydfil LA	718	690	96.1	668	93.0	605	84.3	602	83.8	326	314	96.3	301	92.3	392	376	95.9	367	93.6
Rhondda Cynon Taf LA	2860	2783	97.3	2718	95.0	2503	87.5	2500	87.4	1349	1312	97.3	1281	95.0	1511	1471	97.4	1437	95.1
Health Board Total	5343	5175	96.9	5007	93.7	4663	87.3	4666	87.3	2533	2456	97.0	2377	93.8	2810	2719	96.8	2630	93.6
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2169	2031	93.6	1953	90.0	1851	85.3	1842	84.9	1064	997	93.7	960	90.2	1105	1034	93.6	993	89.9
Ceredigion LA	681	641	94.1	622	91.3	597	87.7	597	87.7	337	315	93.5	305	90.5	344	326	94.8	317	92.2
Pembrokeshire LA	1357	1264	93.1	1189	87.6	1117	82.3	1112	81.9	670	636	94.9	600	89.6	687	628	91.4	589	85.7
Health Board Total	4207	3936	93.6	3764	89.5	3565	84.7	3551	84.4	2071	1948	94.1	1865	90.1	2136	1988	93.1	1899	88.9
<u>Powys Teaching HB</u>																			
Health Board Total	1371	1290	94.1	1239	90.4	1178	85.9	1193	87.0	667	627	94.0	605	90.7	703	663	94.3	634	90.2
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1636	1599	97.7	1546	94.5	1458	89.1	1462	89.4	805	791	98.3	765	95.0	831	808	97.2	781	94.0
Swansea LA	2735	2604	95.2	2512	91.8	2485	90.9	2488	91.0	1332	1274	95.6	1226	92.0	1403	1330	94.8	1286	91.7
Health Board Total	4371	4203	96.2	4058	92.8	3943	90.2	3950	90.4	2137	2065	96.6	1991	93.2	2234	2138	95.7	2067	92.5
Unknown	59	50	84.7	49	83.1	41	69.5	41	69.5	31	27	87.1	26	83.9	28	23	82.1	23	82.1
Wales Total	36223	34577	95.5	33363	92.1	29565	81.6	29571	81.6	17646	16888	95.7	16311	92.4	18572	17688	95.2	17051	91.8

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 30/06/22, 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	784	762	97.2	742	94.6	658	83.9	660	84.2	417	412	98.8	402	96.4	367	350	95.4	340	92.6
Caerphilly LA	2139	2090	97.7	2028	94.8	1782	83.3	1781	83.3	1031	1018	98.7	987	95.7	1108	1072	96.8	1041	94.0
Monmouthshire LA	1106	1013	91.6	983	88.9	850	76.9	855	77.3	529	494	93.4	480	90.7	577	519	89.9	503	87.2
Newport LA	1923	1814	94.3	1728	89.9	1510	78.5	1510	78.5	965	916	94.9	878	91.0	957	898	93.8	850	88.8
Torfaen LA	1144	1105	96.6	1059	92.6	920	80.4	923	80.7	551	531	96.4	514	93.3	593	574	96.8	545	91.9
Health Board Total	7096	6784	95.6	6540	92.2	5720	80.6	5729	80.7	3493	3371	96.5	3261	93.4	3602	3413	94.8	3279	91.0
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	717	687	95.8	667	93.0	612	85.4	605	84.4	344	331	96.2	321	93.3	373	356	95.4	346	92.8
Conwy LA	1231	1159	94.2	1133	92.0	1048	85.1	1051	85.4	588	544	92.5	530	90.1	643	615	95.6	603	93.8
Denbighshire LA	1132	1073	94.8	1039	91.8	879	77.7	888	78.4	565	535	94.7	512	90.6	567	538	94.9	527	92.9
Flintshire LA	1687	1614	95.7	1553	92.1	1304	77.3	1309	77.6	816	781	95.7	751	92.0	871	833	95.6	802	92.1
Gwynedd LA	1355	1303	96.2	1279	94.4	1186	87.5	1185	87.5	677	656	96.9	643	95.0	678	647	95.4	636	93.8
Wrexham LA	1572	1511	96.1	1474	93.8	1229	78.2	1237	78.7	778	751	96.5	736	94.6	794	760	95.7	738	92.9
Health Board Total	7694	7347	95.5	7145	92.9	6258	81.3	6275	81.6	3768	3598	95.5	3493	92.7	3926	3749	95.5	3652	93.0
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4168	3897	93.5	3658	87.8	3208	77.0	3209	77.0	1996	1863	93.3	1741	87.2	2172	2034	93.6	1917	88.3
Vale of Glamorgan LA	1512	1442	95.4	1382	91.4	1284	84.9	1283	84.9	753	721	95.8	693	92.0	759	721	95.0	689	90.8
Health Board Total	5680	5339	94.0	5040	88.7	4492	79.1	4492	79.1	2749	2584	94.0	2434	88.5	2931	2755	94.0	2606	88.9
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1626	1542	94.8	1473	90.6	1476	90.8	1479	91.0	786	747	95.0	717	91.2	839	794	94.6	755	90.0
Merthyr Tydfil LA	710	672	94.6	648	91.3	640	90.1	640	90.1	327	309	94.5	294	89.9	383	363	94.8	354	92.4
Rhondda Cynon Taf LA	2879	2767	96.1	2681	93.1	2623	91.1	2632	91.4	1408	1359	96.5	1323	94.0	1469	1408	95.8	1358	92.4
Health Board Total	5215	4981	95.5	4802	92.1	4739	90.9	4751	91.1	2521	2415	95.8	2334	92.6	2691	2565	95.3	2467	91.7
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2128	1975	92.8	1922	90.3	1806	84.9	1811	85.1	1009	944	93.6	917	90.9	1119	1031	92.1	1005	89.8
Ceredigion LA	610	577	94.6	559	91.6	534	87.5	533	87.4	302	283	93.7	276	91.4	308	294	95.5	283	91.9
Pembrokeshire LA	1376	1296	94.2	1236	89.8	967	70.3	965	70.1	617	588	95.3	563	91.2	759	708	93.3	673	88.7
Health Board Total	4114	3848	93.5	3717	90.4	3307	80.4	3309	80.4	1928	1815	94.1	1756	91.1	2186	2033	93.0	1961	89.7
<u>Powys Teaching HB</u>																			
Health Board Total	1374	1260	91.7	1200	87.3	1138	82.8	1151	83.8	681	625	91.8	594	87.2	692	635	91.8	606	87.6
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1642	1580	96.2	1528	93.1	1461	89.0	1466	89.3	809	787	97.3	762	94.2	833	793	95.2	766	92.0
Swansea LA	2650	2505	94.5	2396	90.4	2374	89.6	2387	90.1	1249	1183	94.7	1138	91.1	1401	1322	94.4	1258	89.8
Health Board Total	4292	4085	95.2	3924	91.4	3835	89.4	3853	89.8	2058	1970	95.7	1900	92.3	2234	2115	94.7	2024	90.6
Unknown	78	69	88.5	65	83.3	63	80.8	63	80.8	38	36	94.7	35	92.1	40	33	82.5	30	75.0
Wales Total	35543	33713	94.9	32433	91.3	29552	83.1	29623	83.3	17236	16414	95.2	15807	91.7	18302	17298	94.5	16625	90.8

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

Table 14. MMR, Td/IPV and MenACWY vaccine uptake in children reaching their 16th birthday between 01/04/22 and 30/06/22 and resident on 30/06/22, 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	196	193	98.5	189	96.4	161	82.1	162	82.7	112	112	100.0	109	97.3	84	81	96.4	80	95.2	
Caerphilly LA	506	496	98.0	475	93.9	429	84.8	424	83.8	245	239	97.6	230	93.9	261	257	98.5	245	93.9	
Monmouthshire LA	278	252	90.6	245	88.1	208	74.8	209	75.2	142	135	95.1	131	92.3	136	117	86.0	114	83.8	
Newport LA	463	431	93.1	410	88.6	367	79.3	366	79.0	238	219	92.0	209	87.8	225	212	94.2	201	89.3	
Torfaen LA	291	280	96.2	271	93.1	236	81.1	237	81.4	145	139	95.9	134	92.4	146	141	96.6	137	93.8	
Health Board Total	1734	1652	95.3	1590	91.7	1401	80.8	1398	80.6	882	844	95.7	813	92.2	852	808	94.8	777	91.2	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	205	192	93.7	186	90.7	179	87.3	180	87.8	94	88	93.6	84	89.4	111	104	93.7	102	91.9	
Conwy LA	297	285	96.0	277	93.3	248	83.5	247	83.2	145	138	95.2	132	91.0	152	147	96.7	145	95.4	
Denbighshire LA	291	272	93.5	262	90.0	232	79.7	234	80.4	155	144	92.9	137	88.4	136	128	94.1	125	91.9	
Flintshire LA	444	425	95.7	408	91.9	353	79.5	354	79.7	205	196	95.6	184	89.8	239	229	95.8	224	93.7	
Gwynedd LA	330	319	96.7	310	93.9	290	87.9	285	86.4	168	161	95.8	155	92.3	162	158	97.5	155	95.7	
Wrexham LA	343	325	94.8	317	92.4	274	79.9	272	79.3	179	171	95.5	168	93.9	164	154	93.9	149	90.9	
Health Board Total	1910	1818	95.2	1760	92.1	1576	82.5	1572	82.3	946	898	94.9	860	90.9	964	920	95.4	900	93.4	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	1044	977	93.6	918	87.9	789	75.6	791	75.8	473	441	93.2	414	87.5	571	536	93.9	504	88.3	
Vale of Glamorgan LA	376	362	96.3	344	91.5	311	82.7	310	82.4	178	173	97.2	164	92.1	198	189	95.5	180	90.9	
Health Board Total	1420	1339	94.3	1262	88.9	1100	77.5	1101	77.5	651	614	94.3	578	88.8	769	725	94.3	684	88.9	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	385	362	94.0	338	87.8	351	91.2	352	91.4	183	171	93.4	163	89.1	202	191	94.6	175	86.6	
Merthyr Tydfil LA	193	185	95.9	181	93.8	178	92.2	178	92.2	92	90	97.8	88	95.7	101	95	94.1	93	92.1	
Rhondda Cynon Taf LA	717	694	96.8	672	93.7	642	89.5	647	90.2	355	343	96.6	331	93.2	361	351	97.2	341	94.5	
Health Board Total	1295	1241	95.8	1191	92.0	1171	90.4	1177	90.9	630	604	95.9	582	92.4	664	637	95.9	609	91.7	
<u>Hywel Dda University HB</u>																				
Cardemarthenshire LA	504	471	93.5	461	91.5	424	84.1	424	84.1	248	232	93.5	228	91.9	256	239	93.4	233	91.0	
Ceredigion LA	158	153	96.8	150	94.9	140	88.6	139	88.0	83	81	97.6	80	96.4	75	72	96.0	70	93.3	
Pembrokeshire LA	378	354	93.7	334	88.4	251	66.4	251	66.4	155	149	96.1	142	91.6	223	205	91.9	192	86.1	
Health Board Total	1040	978	94.0	945	90.9	815	78.4	814	78.3	486	462	95.1	450	92.6	554	516	93.1	495	89.4	
<u>Powys Teaching HB</u>																				
Health Board Total	355	326	91.8	308	86.8	292	82.3	296	83.4	171	159	93.0	146	85.4	183	167	91.3	162	88.5	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	411	394	95.9	381	92.7	364	88.6	363	88.3	203	198	97.5	189	93.1	208	196	94.2	192	92.3	
Swansea LA	669	629	94.0	608	90.9	602	90.0	603	90.1	293	277	94.5	270	92.2	376	352	93.6	338	89.9	
Health Board Total	1080	1023	94.7	989	91.6	966	89.4	966	89.4	496	475	95.8	459	92.5	584	548	93.8	530	90.8	
Unknown	20	18	90.0	17	85.0	17	85.0	17	85.0	9	8	88.9	8	88.9	11	10	90.9	9	81.8	
Wales Total	8854	8395	94.8	8062	91.1	7338	82.9	7341	82.9	4271	4064	95.2	3896	91.2	4581	4331	94.5	4166	90.9	

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

Table 15. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/04/22 and 30/06/22 and resident on 30/06/22.¹

Area	1 yr			2 yrs			5 yrs			16 yrs		
	Resident children	BCG Immunised		Resident children	BCG Immunised		Resident children	BCG Immunised		Resident children	BCG Immunised	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
Blaenau Gwent LA	153	0	0.0	165	8	4.8	170	1	0.6	196	4	2.0
Caerphilly LA	372	5	1.3	398	11	2.8	495	7	1.4	506	8	1.6
Monmouthshire LA	179	6	3.4	200	12	6.0	228	12	5.3	278	16	5.8
Newport LA	479	79	16.5	493	84	17.0	522	79	15.1	463	54	11.7
Torfaen LA	229	10	4.4	248	7	2.8	263	4	1.5	291	6	2.1
Health Board Total	1412	100	7.1	1504	122	8.1	1678	103	6.1	1734	88	5.1
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	144	1	0.7	151	1	0.7	174	2	1.1	205	6	2.9
Conwy LA	214	4	1.9	234	6	2.6	262	20	7.6	297	12	4.0
Denbighshire LA	242	8	3.3	235	9	3.8	255	11	4.3	291	16	5.5
Flintshire LA	348	22	6.3	344	9	2.6	425	20	4.7	444	21	4.7
Gwynedd LA	233	2	0.9	248	3	1.2	270	12	4.4	330	17	5.2
Wrexham LA	297	27	9.1	297	14	4.7	406	26	6.4	343	20	5.8
Health Board Total	1478	64	4.3	1509	42	2.8	1792	91	5.1	1910	92	4.8
<u>Cardiff and Vale University HB</u>												
Cardiff LA	929	217	23.4	901	214	23.8	1020	163	16.0	1044	213	20.4
Vale of Glamorgan LA	306	15	4.9	309	29	9.4	399	18	4.5	376	26	6.9
Health Board Total	1235	232	18.8	1210	243	20.1	1419	181	12.8	1420	239	16.8
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	344	9	2.6	341	10	2.9	375	12	3.2	385	11	2.9
Merthyr Tydfil LA	149	5	3.4	166	4	2.4	189	6	3.2	193	6	3.1
Rhondda Cynon Taf LA	558	15	2.7	592	24	4.1	642	24	3.7	717	28	3.9
Health Board Total	1051	29	2.8	1099	38	3.5	1206	42	3.5	1295	45	3.5
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	354	19	5.4	440	19	4.3	462	15	3.2	504	19	3.8
Ceredigion LA	126	3	2.4	136	7	5.1	140	7	5.0	158	10	6.3
Pembrokeshire LA	247	3	1.2	254	5	2.0	288	14	4.9	378	9	2.4
Health Board Total	727	25	3.4	830	31	3.7	890	36	4.0	1040	38	3.7
<u>Powys Teaching Health Board</u>												
Health Board Total	247	2	0.8	291	6	2.1	297	1	0.3	355	9	2.5
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	300	9	3.0	333	12	3.6	364	13	3.6	411	9	2.2
Swansea LA	529	51	9.6	516	69	13.4	604	70	11.6	669	53	7.9
Health Board Total	829	60	7.2	849	81	9.5	968	83	8.6	1080	62	5.7
Unknown	0	0	0.0	30	2	6.7	22	1	4.5	20	0	0.0
Wales Total	7018	516	7.4	7322	565	7.7	8272	538	6.5	8854	573	6.5

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

Table 16. Uptake of hepatitis B immunisation in children, reaching their 1st, 2nd, and 5th birthdays during between 01/04/22 and 30/06/22 and resident on 30/06/22, 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	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	0.0
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.