

Vaccine Uptake in Children in Wales

July to September 2022

COVER 144: Wales November 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 96.3%. Uptake of two doses of Rotavirus vaccine was 91.8%.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 92.5% this quarter. One HB and six LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 93.1% this quarter. One 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 84.5% this quarter and was 88.9% in five year olds.
- Routine school based vaccination sessions for teenagers are now complete for the 2021-22 academic year. Uptake of one dose of HPV vaccine in 2021-22 school year 8 children was 66.3%.
- Coverage of the first dose of HPV vaccine in 2021-22 school year 9 (13-14 year olds) is currently 81.9%. Coverage of the second dose of HPV vaccine in 2021-22 school year 10 (14-15 year olds) is currently 72.7%.
- Uptake of routine MenACWY vaccine in the 2021-22 school year 9 cohort was 71.0%. Coverage of the MenACWY vaccine in the 2021-22 school year 10 cohort is 82.2%.
- Uptake of the Td/IPV teenage booster in the 2021-22 school year 9 cohort was 70.9%. Coverage of the Td/IPV teenage booster in the 2021-22 school year 10 is 82.1%.
- Coverage of one dose of MMR vaccine in the 2021-22 school year 10 (age 14-15 years) was 95.3%, coverage of two doses was 92.0%.
- Coverage of one dose of MMR vaccine in the 2021-22 school year 11 (age 15-16 years) was 94.7%, coverage of two doses is 91.1%.

Background

These results are for children living in Wales in September 2022 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/07/2022 to 30/09/2022. 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.

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 94.7% this quarter, compared to 94.0% last quarter. Uptake ranged by HB from 94.0% (Cardiff and Vale) to 96.8% (Cwm Taf Morgannwg) and by LA from 91.3% (Torfaen and Denbighshire) to 98.7% (Anglesey). One of the seven HBs and eight 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 96.3% this quarter, compared to 95.9% last quarter. This is the seventh quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 93.5% (Gwynedd) to 100.0% (Anglesey). Six 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 94.6% this quarter. Uptake in HBs ranged from 93.4% (Cardiff and Vale) to 96.9% (Cwm Taf Morgannwg) and ranged by LA from 91.3% (Denbighshire) to 98.7% (Anglesey) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 91.8% this quarter, compared to 92.1% last quarter. Uptake in HBs ranged from 89.8% (Cardiff and Vale) to 95.6% (Cwm Taf Morgannwg) and ranged by LA from 84.3% (Denbighshire) to 96.8% (Anglesey) (Figures 2 and 3, Tables 2 and 3).
5. Uptake of the first dose of MMR² in children reaching their second birthday (scheduled at 12 to 13 months of age) was 93.1% this quarter. Uptake ranged by HB from 89.2% (Cardiff and Vale) to 95.9% (Cwm Taf Morgannwg) and by LA area from 88.6% (Cardiff) to 97.2% (Caerphilly). One HB 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 92.5% compared to 93.0% last quarter. Uptake ranged by HB from 87.6% (Cardiff and Vale) to 95.7% (Cwm Taf Morgannwg) and by LA from 87.3% (Cardiff) to 97.1% (Bridgend). One of the seven HBs and six of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 4).
7. Uptake of the final dose of Pneumococcal Conjugate Vaccine (PCVf, scheduled at 12 to 13 months of age) in children reaching their second birthday was 92.8%. Uptake ranged by HB from 88.0% (Cardiff and Vale) to 96.2% (Cwm Taf Morgannwg) and ranged by LA from 88.4% (Vale of Glamorgan) to 97.3% (Bridgend). One HB and six 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 92.7% this quarter compared to 93.1% last quarter. Uptake ranged by HB from 88.8% (Cardiff and Vale) to 96.1% (Cwm Taf Morgannwg) and ranged by LA from 88.3% (Cardiff) to 97.1% (Bridgend). One HB and six 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 85.4%
 - The Hib/MenC booster was 94.4%
 - Two doses of MMR was 85.3%

The proportion of children who were up to date with all these routine immunisations at four years of age was 84.5%. This ranged by HB from 80.2% (Cardiff and Vale) to 89.3% (Powys) and by LA from 78.6% (Torfaen) to 91.6% (Anglesey) (Figures 4 and 5, Tables 1, 2 and 5).

¹ DTaP/IPV/Hib/HepB vaccine protects against Diphtheria, Tetanus, Pertussis (Whooping Cough), Polio, Hib and Hep B infection.

² MMR protects against measles, mumps and rubella infections.

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

10. The proportion of children who were up to date with routine immunisations by their fifth birthday was 88.9%, a decrease compared to 89.7% last quarter. This ranged by HB from 85.8% (Cardiff and Vale) to 90.7% (Betsi Cadwaladr) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 95.8%. Coverage of two doses of MMR was 90.0%. Coverage of two doses of MMR ranged by HB from 87.6% (Cardiff and Vale) to 91.7% (Cwm Taf Morgannwg) and by LA from 86.6% (Carmarthenshire) to 95.5% (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 91.1% last quarter, ranging by HB from 87.9% (Cardiff and Vale) to 92.1% (Cwm Taf Morgannwg) and by LA from 86.9% (Cardiff) to 96.1% (Anglesey). One of the 22 LAs achieved the 95% uptake target (Figure 3 and 9, Tables 2, 6 and 7).
13. Uptake of the first dose of HPV vaccine for children in the 2021-22 school year 8 cohort (turning 13 years of age during 01/09/21 to 31/08/22) was 66.3%. 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 81.9% (84.7% in girls and 79.1% in boys) and uptake of the second dose in this age group was 67.6% (70.6% in girls and 64.8% 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 72.7% (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. Uptake of the MenACWY vaccine in the 2021-22 routine school year 9 cohort was 71.0% (Table 10 and 11). Coverage in the 2021-22 school years 10, 11 and 12, is currently 82.2%, 83.6% 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) was 70.9%. Coverage of two doses of MMR in this year group is currently 92.3% and coverage of one dose is 95.3%. Coverage of two doses of MMR vaccine ranged by HB from 89.6% (Powys) to 94.4% (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 82.1%. Coverage ranged by HB from 75.5% (Cardiff and Vale) to 89.9% (Swansea Bay). Coverage of two doses of MMR in this year group was 92.0% and coverage of one dose was 95.3%. Coverage of two doses of MMR vaccine ranged by HB from 89.2% (Hywel Dda) to 93.6% (Cwm Taf Morgannwg). Coverage of a full course of immunisation against rubella (two doses of MMR) in 15 year old girls in this school year group was 92.3% (Table 12).
19. Coverage of the Td/IPV teenage booster in the 2021-22 school year 11 (children reaching 16 years of age) is currently 83.4%. Coverage ranged by HB from 79.1% (Cardiff and Vale) to 90.8% (Cwm Taf Morgannwg). Coverage of two doses of MMR in this year group was 91.1% and coverage of one dose was 94.7%. Coverage of two doses of MMR vaccine ranged by HB from 87.3% (Powys Teaching) to 92.7% (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 91.6% (Table 13).
20. Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st July 2022 and 30th September 2022) was 91.6%, whilst coverage of one dose of MMR was 95.0%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls was 92.3%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 83.5% (Figures 1, 2 and 3, Tables 2 and 14).

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

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

- 21.** Uptake of BCG immunisation is presented in Table 15. These data are based on BCG immunisations recorded in the National Community Child Health Database. BCG immunisation has been received by 6.9%, 7.8%, 7.6% and 6.1% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter three of 2022. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (17.6%), two years of age (20.6%), five years of age (17.3%) and sixteen years of age (15.1%).
- 22.** Uptake data for hepatitis B immunisation in children who were at risk of perinatal infection, extracted from the Public Health Wales All Wales Neonatal Hepatitis B Immunisation Database, is presented in Table 16. This quarter uptake of three doses of hepatitis B vaccine at their first birthday was 100.0%, uptake of four doses at their second birthday was 77.8% and uptake of four doses at their fifth birthday was 78.6%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

Comment

This is the eighth 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.

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

Uptake of the first MMR dose by two years continued to decrease, for the fifth consecutive quarter, to 93.1%. This is the same trend seen for all vaccinations reported on at two years of age.

The proportion of children who were up to date with their routine immunisations by four years decreased slightly again this quarter. Coverage continues to vary 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 School Year 9 are now complete for 2021-22. Uptake was 70.9% and 71.0%, respectively. This remains lower than uptake of these vaccinations before the pandemic, which was 84.0% for both vaccines in the 2018-19 school year 9 cohort at the end of August 2019 [4]. Catch-up should be encouraged throughout the 2022-23 school year.

Of all the teenage vaccines, uptake of the HPV vaccine appears to be the most impacted by school interruptions during the pandemic. Uptake of the second dose in 2021-22 school year 9 children was 67.6%, whilst coverage in the 2020-21 school year 9 increased from 39.8% to 72.7% after a catch-up sessions throughout the 2021-22 school year. MMR coverage in teenagers remains stable.

On World Polio Day, 24th October 2022, Welsh Government released a Welsh Health Circular (WHC) outlining the need for an urgent polio catch-up programme for children under 5 years old [5]. This is in response to an incident in North London where type 2 vaccine-derived Polio virus has been found in sewage samples [6]. Coverage of three doses of polio containing vaccine at one year of age was over the WHO target of 95% from 2007 to 2021, but has decreased in recent quarters. Coverage of the polio containing “4in1” preschool booster dose measured at 4 years remains lower and has decreased from 89.2% in quarter 4 of 2021 to 85.4% this quarter. This urgent catch-up programme, with completion encouraged by the end of January 2023. The WHC also highlights the importance of ensuring vaccination records in both the GP and Child Health system are accurate and up to date.

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

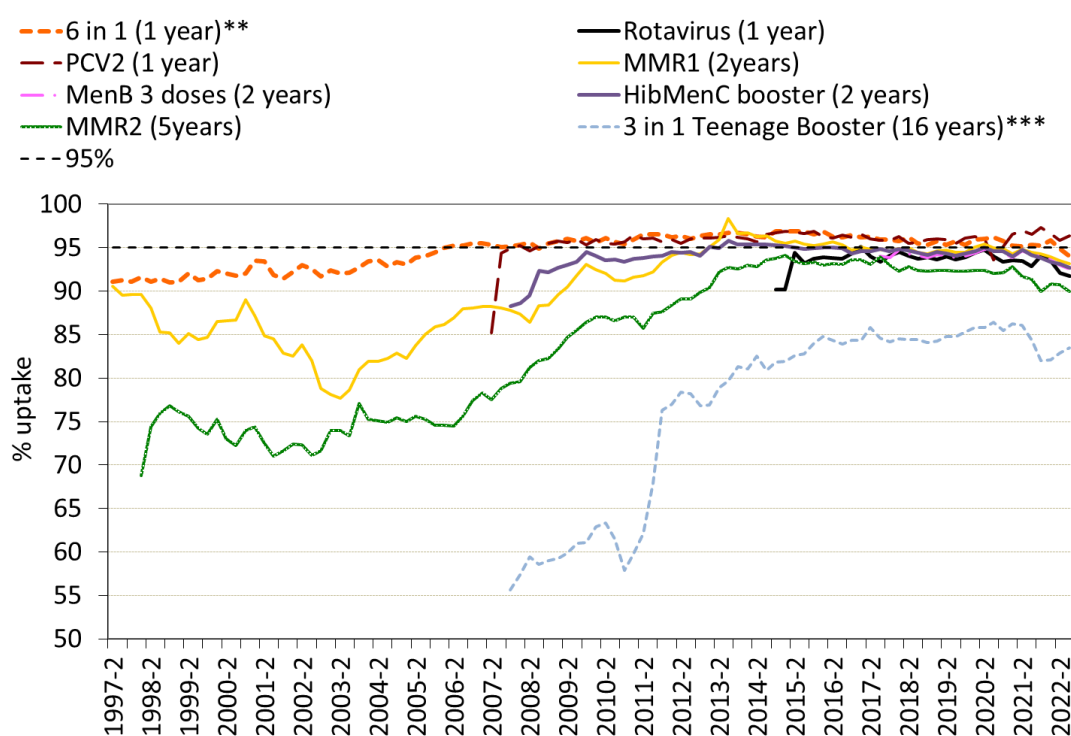
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2. Welsh Health Circular- Changes to the HPV immunisation programme from the academic school year starting September 2019. Available from: [http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Changes%20to%20the%20Human%20Papillomavirus%20\(HPV\)%20Immunisation%20Programme%27%20-%20English.pdf](http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Changes%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 2019: COVER report 132, December 2019. Cardiff, Public Health Wales. <https://phw.nhs.wales/topics/immunisation-and-vaccines/cover-national-childhood-immunisation-uptake-data/cover-archive-folder/quarterly-reports/cover-132-wales-december-2019-july-to-september-2019/>
5. Welsh Health Circular- Urgent polio catch-up programme for children under 5 years old. Available from: <https://gov.wales/sites/default/files/publications/2022-10/urgent-polio-catch-up-programme-for-children-under-5-years-old.pdf>
6. Joint Committee on Vaccination and Immunisation (JCVI). Statement on vaccination strategy for the ongoing polio incident, July 2022. <https://www.gov.uk/government/publications/vaccination-strategy-for-ongoing-polio-incident-jcvi-statement/joint-committee-on-vaccination-and-immunisation-statement-on-vaccination-strategy-for-the-ongoing-polio-incident>

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 3 2022*.

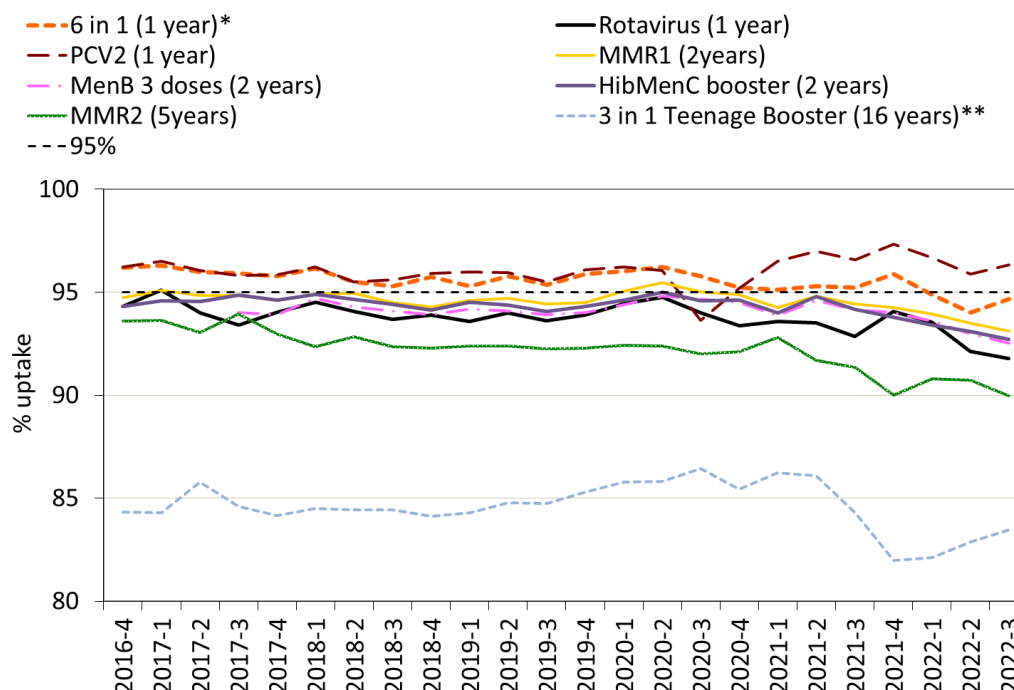


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**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 3 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 01/07/22 and 30/09/22 and resident on 30/09/22.

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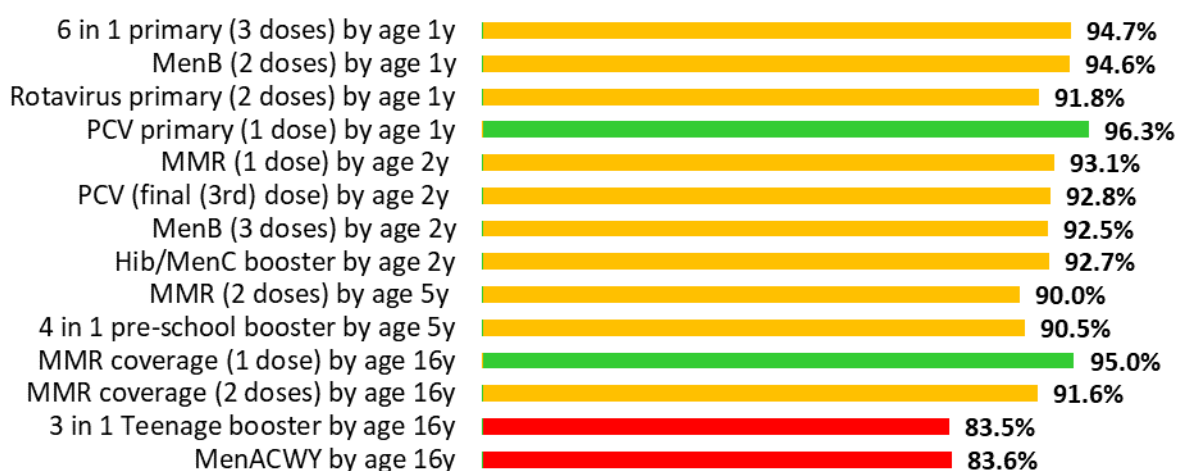


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/07/22 and 30/09/22 and are up to date with all scheduled vaccines⁷ by health board.

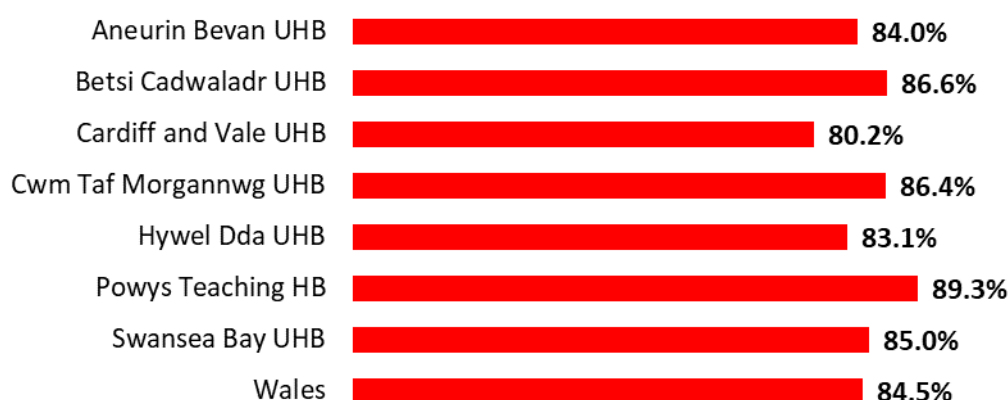


Table 1. Percentages of resident children reaching their 4th birthday during quarter 2 2021 to quarter 3 2022 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2021-2	2021-3	2021-4	2022-1	2022-2	2022-3
Aneurin Bevan UHB	87.4	87.2	86.8	86.4	85.5	84.0
Betsi Cadwaladr UHB	89.2	88.0	90.1	87.8	86.9	86.6
Cardiff and Vale UHB	85.1	84.9	85.3	83.5	82.4	80.2
Cwm Taf Morgannwg UHB	88.9	90.3	90.0	87.1	86.6	86.4
Hywel Dda UHB	87.0	86.7	88.3	85.2	84.7	83.1
Powys Teaching HB	91.9	89.7	87.4	90.9	89.1	89.3
Swansea Bay UHB	88.0	87.6	86.6	86.2	86.4	85.0
Wales	87.8	87.5	87.9	86.2	85.6	84.5

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 3 2022, who are up to date with all scheduled vaccines⁷, by health board.

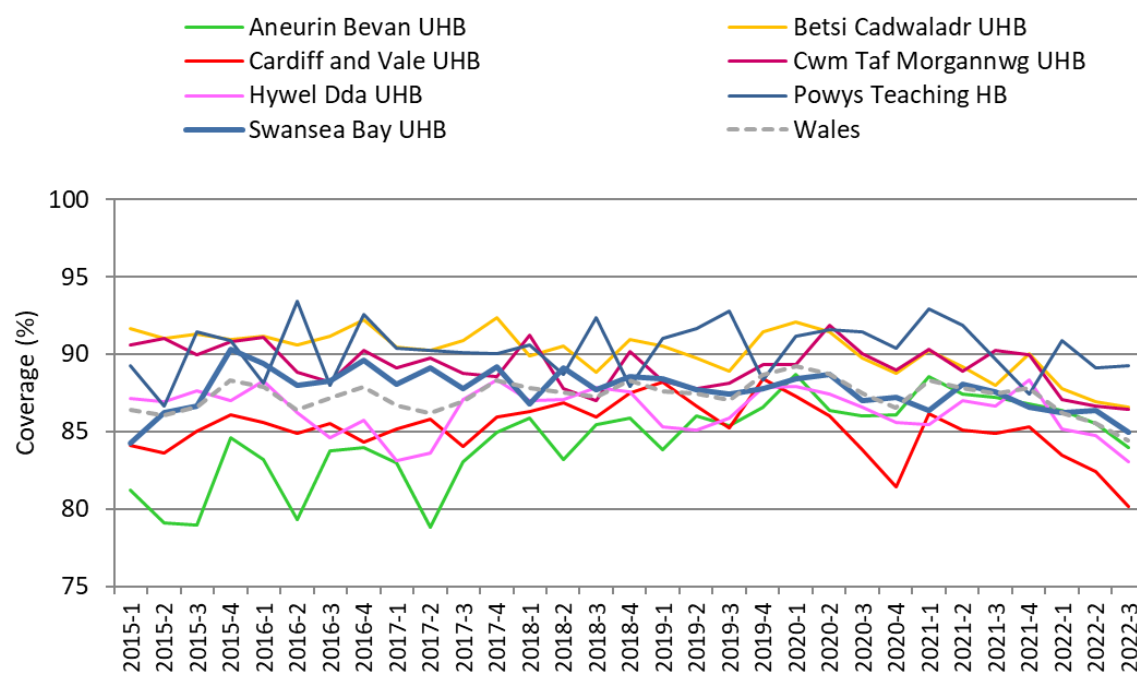


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/07/22 and 30/09/22.

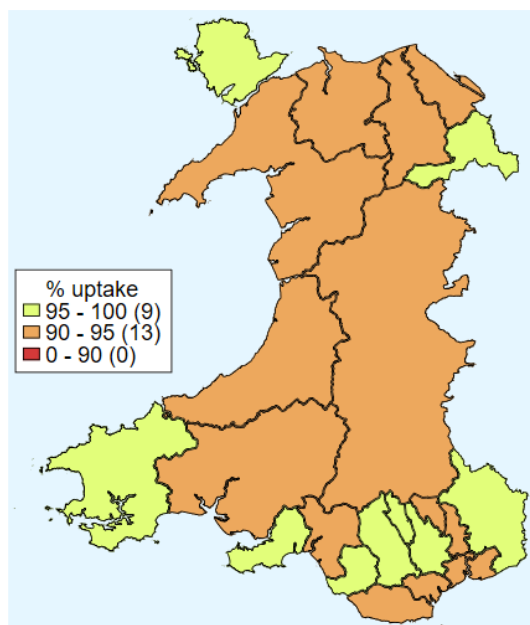


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/04/22 and 30/09/22.

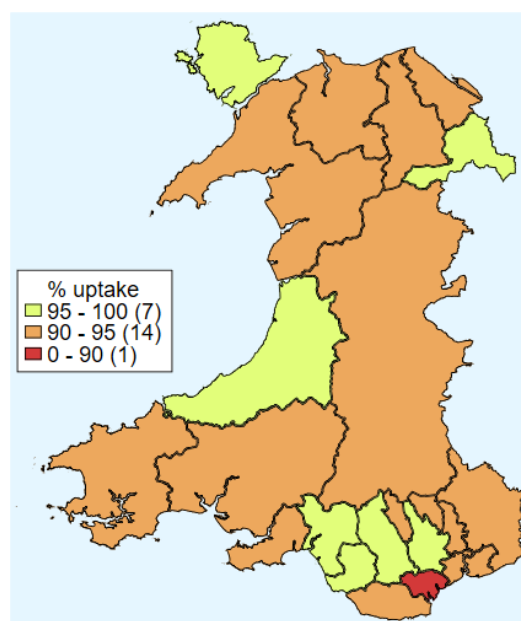


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/22 and 30/09/22.

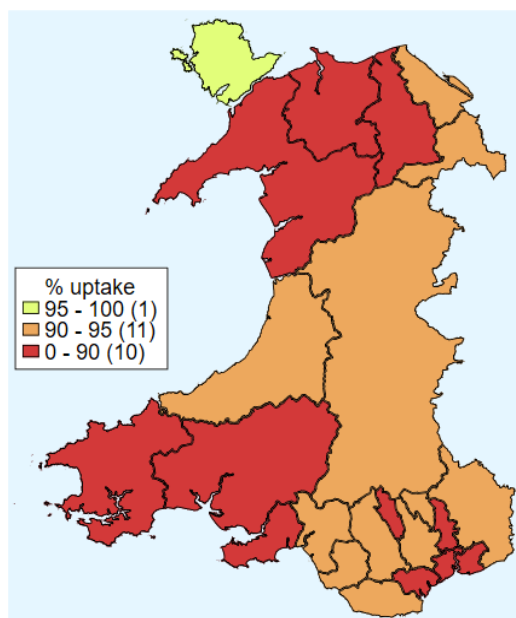


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/22 and 30/09/22.

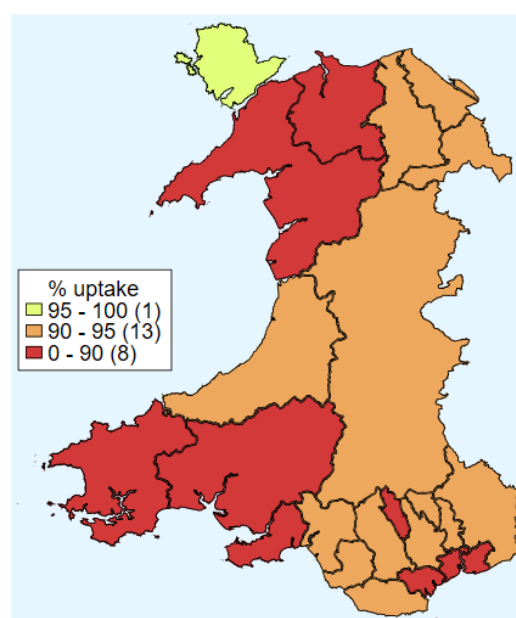


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/07/22 and 30/09/22 and resident on 30/09/22.

Area	Age 1 year					Age 2 years					Age 4 years		Age 5 years			Age 16 years				
	Resident children (n)	6 in 1 ¹	MenB ²	PCV	Rotavirus	Resident children (n)	MMR1	PCV ³	MenB ⁴	Hib/MenC	Resident Children (n)	Up to date in schedule ⁵	Resident children (n)	MMR2	4 in 1 ¹	Resident children (n)	MMR1	MMR2	MenACWY	3 in 1 Teenage booster ⁶
Aneurin Bevan UHB																				
Blaenau Gwent LA	180	94.4	96.1	97.2	90.6	192	91.7	92.2	92.2	90.6	182	87.9	208	93.3	93.8	195	96.4	94.4	85.6	85.6
Caerphilly LA	445	97.1	97.1	97.8	93.5	424	97.2	96.0	96.7	96.5	473	86.3	518	93.4	93.8	595	97.5	95.3	82.7	82.5
Monmouthshire LA	186	96.2	96.2	98.4	94.1	202	92.6	92.1	92.1	92.1	228	88.2	229	90.4	91.7	313	93.6	90.4	79.9	79.9
Newport LA	461	92.4	92.0	94.4	87.6	501	91.6	91.4	91.2	90.8	511	81.4	549	87.2	87.8	486	94.9	91.4	74.1	74.3
Torfaen LA	230	91.3	92.2	94.8	86.1	246	91.9	91.9	91.9	91.9	271	78.6	255	88.6	90.6	272	97.8	94.5	82.0	81.3
Health Board Total	1502	94.3	94.5	96.3	90.3	1565	93.3	92.9	93.0	92.7	1665	84.0	1759	90.4	91.2	1861	96.1	93.2	80.2	80.1
Betsi Cadwaladr UHB																				
Anglesey LA	157	98.7	98.7	100.0	96.8	165	96.4	96.4	95.8	96.4	154	91.6	179	95.5	96.1	158	96.2	94.3	80.4	81.0
Conwy LA	257	93.4	93.8	96.1	91.8	257	91.4	92.6	92.6	91.8	253	82.2	274	89.4	88.3	363	95.9	93.4	84.0	83.7
Denbighshire LA	242	91.3	91.3	94.2	84.3	223	91.5	91.0	90.6	90.6	221	80.5	260	89.6	90.8	282	94.3	91.8	78.0	76.6
Flintshire LA	364	94.0	94.0	97.0	90.7	393	94.7	94.4	94.1	94.7	400	85.3	420	92.4	93.1	452	95.6	93.8	79.9	80.1
Gwynedd LA	278	93.5	93.9	93.5	89.2	268	92.2	91.8	91.0	91.8	295	90.5	315	88.3	89.2	379	94.7	92.6	85.8	86.0
Wrexham LA	322	96.9	96.9	97.2	93.5	325	96.6	96.3	96.0	95.7	369	89.4	395	93.4	93.2	404	96.3	95.0	79.0	79.0
Health Board Total	1620	94.4	94.6	96.2	90.8	1631	93.9	93.8	93.4	93.6	1692	86.6	1843	91.4	91.7	2038	95.5	93.5	81.3	81.2
Cardiff and Vale UHB																				
Cardiff LA	985	94.2	93.7	94.9	90.4	918	88.6	87.8	87.3	88.3	1081	79.9	1085	86.7	86.9	1072	93.0	87.7	76.4	76.0
Vale of Glamorgan LA	304	93.4	92.4	94.7	88.2	336	90.8	88.4	88.4	89.9	370	80.8	391	90.0	90.5	424	96.0	91.7	82.5	82.5
Health Board Total	1289	94.0	93.4	94.9	89.8	1254	89.2	88.0	87.6	88.8	1451	80.2	1476	87.6	87.9	1496	93.9	88.8	78.1	77.9
Cwm Taf Morgannwg UHB																				
Bridgend LA	346	97.4	97.4	98.3	94.8	376	96.8	97.3	97.1	97.1	408	87.0	409	90.7	91.2	443	95.9	92.1	89.8	89.2
Merthyr Tydfil LA	146	95.9	95.2	96.6	93.8	137	94.2	94.2	93.4	93.4	200	81.0	197	86.8	87.3	202	94.1	87.6	89.6	89.6
Rhondda Cynon Taf LA	583	96.7	97.1	98.1	96.6	638	95.8	95.9	95.3	96.1	688	87.6	698	93.7	94.0	761	96.1	93.3	92.8	92.8
Health Board Total	1075	96.8	96.9	98.0	95.6	1151	95.9	96.2	95.7	96.1	1296	86.4	1304	91.7	92.1	1406	95.7	92.1	91.4	91.2
Hywel Dda UHB																				
Cardamarthenshire LA	407	94.1	93.4	96.6	94.1	462	92.2	91.8	91.3	91.3	491	80.4	508	86.6	87.6	556	93.9	89.6	86.9	86.9
Ceredigion LA	165	93.3	91.5	96.4	91.5	128	95.3	93.0	93.0	94.5	150	86.0	157	91.7	91.7	158	91.1	89.9	86.1	86.7
Pembrokeshire LA	297	94.9	94.9	97.3	93.6	256	90.2	89.8	90.2	89.8	292	86.0	335	89.3	89.6	343	93.9	88.6	76.7	76.7
Health Board Total	869	94.2	93.6	96.8	93.4	846	92.1	91.4	91.3	91.4	933	83.1	1000	88.3	88.9	1057	93.5	89.3	83.4	83.5
Powys Teaching UHB																				
Health Board Total	272	94.1	94.1	96.3	93.4	251	92.8	93.2	92.8	93.2	335	89.3	335	90.4	91.0	362	92.8	90.1	84.8	84.3
Swansea Bay UHB																				
Neath Port Talbot LA	309	94.8	96.1	97.7	94.2	335	96.4	95.5	96.4	95.2	367	85.3	399	90.7	91.0	441	96.1	92.3	92.1	91.6
Swansea LA	540	95.0	94.6	96.5	91.5	544	93.0	93.0	92.3	92.3	644	84.8	664	89.3	89.9	696	95.3	91.4	90.9	90.5
Health Board Total	849	94.9	95.2	96.9	92.5	879	94.3	94.0	93.9	93.4	1011	85.0	1063	89.8	90.3	1137	95.6	91.7	91.4	90.9
Unknown	56	89.3	89.3	91.1	85.7	34	100.0	100.0	100.0	100.0	34	88.2	20	70.0	75.0	25	80.0	76.0	64.0	64.0
Wales Total	7532	94.7	94.6	96.3	91.8	7611	93.1	92.8	92.5	92.7	8417	84.5	8800	90.0	90.5	9382	95.0	91.6	83.6	83.5

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 01/07/22 and 30/09/22 and resident on 30/09/22.

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	180	170	94.4	170	94.4	170	94.4	170	94.4	170	94.4	170	94.4
Caerphilly LA	445	432	97.1	432	97.1	432	97.1	432	97.1	432	97.1	432	97.1
Monmouthshire LA	186	179	96.2	179	96.2	179	96.2	179	96.2	179	96.2	179	96.2
Newport LA	461	426	92.4	426	92.4	426	92.4	426	92.4	426	92.4	425	92.2
Torfaen LA	230	210	91.3	210	91.3	210	91.3	210	91.3	210	91.3	210	91.3
Health Board Total	1502	1417	94.3	1417	94.3	1417	94.3	1417	94.3	1417	94.3	1416	94.3
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	157	155	98.7	155	98.7	155	98.7	155	98.7	155	98.7	155	98.7
Conwy LA	257	240	93.4	240	93.4	240	93.4	240	93.4	240	93.4	240	93.4
Denbighshire LA	242	221	91.3	221	91.3	221	91.3	221	91.3	221	91.3	221	91.3
Flintshire LA	364	342	94.0	342	94.0	342	94.0	342	94.0	342	94.0	342	94.0
Gwynedd LA	278	260	93.5	260	93.5	260	93.5	260	93.5	260	93.5	260	93.5
Wrexham LA	322	312	96.9	312	96.9	312	96.9	312	96.9	312	96.9	312	96.9
Health Board Total	1620	1530	94.4	1530	94.4	1530	94.4	1530	94.4	1530	94.4	1530	94.4
<u>Cardiff and Vale University HB</u>													
Cardiff LA	985	928	94.2	928	94.2	928	94.2	928	94.2	928	94.2	928	94.2
Vale of Glamorgan LA	304	284	93.4	284	93.4	284	93.4	284	93.4	284	93.4	283	93.1
Health Board Total	1289	1212	94.0	1212	94.0	1212	94.0	1212	94.0	1212	94.0	1211	93.9
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	346	337	97.4	337	97.4	337	97.4	337	97.4	337	97.4	337	97.4
Merthyr Tydfil LA	146	140	95.9	140	95.9	140	95.9	140	95.9	140	95.9	140	95.9
Rhondda Cynon Taf LA	583	564	96.7	564	96.7	564	96.7	564	96.7	564	96.7	564	96.7
Health Board Total	1075	1041	96.8	1041	96.8	1041	96.8	1041	96.8	1041	96.8	1041	96.8
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	407	383	94.1	383	94.1	383	94.1	383	94.1	383	94.1	383	94.1
Ceredigion LA	165	154	93.3	154	93.3	154	93.3	153	92.7	153	92.7	154	93.3
Pembrokeshire LA	297	282	94.9	282	94.9	282	94.9	282	94.9	282	94.9	282	94.9
Health Board Total	869	819	94.2	819	94.2	819	94.2	818	94.1	818	94.1	819	94.2
<u>Powys Teaching HB</u>													
Health Board Total	272	256	94.1	256	94.1	256	94.1	256	94.1	256	94.1	256	94.1
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	309	293	94.8	293	94.8	293	94.8	293	94.8	293	94.8	292	94.5
Swansea LA	540	513	95.0	513	95.0	513	95.0	513	95.0	513	95.0	514	95.2
Health Board Total	849	806	94.9	806	94.9	806	94.9	806	94.9	806	94.9	806	94.9
Unknown	56	50	89.3	50	89.3	50	89.3	50	89.3	50	89.3	51	91.1
Wales Total	7532	7131	94.7	7131	94.7	7131	94.7	7130	94.7	7130	94.7	7130	94.7

¹ One dose of pneumococcal conjugate vaccine.

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

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/07/22 and 30/09/22 and resident on 30/09/22.

Area	Resident children	D3		T3		P3		Po3		Hib3		HepB ¹		MMR1		PCV2 ¹		PCVf ²		Men B ³		HibMenC	
Aneurin Bevan University HB	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	192	186	96.9	186	96.9	186	96.9	186	96.9	186	96.9	186	96.9	176	91.7	187	97.4	177	92.2	177	92.2	174	90.6
Caerphilly LA	424	415	97.9	415	97.9	415	97.9	415	97.9	415	97.9	415	97.9	412	97.2	413	97.4	407	96.0	410	96.7	409	96.5
Monmouthshire LA	202	191	94.6	191	94.6	191	94.6	191	94.6	191	94.6	191	94.6	187	92.6	192	95.0	186	92.1	186	92.1	186	92.1
Newport LA	501	476	95.0	476	95.0	476	95.0	476	95.0	476	95.0	473	94.4	459	91.6	477	95.2	458	91.4	457	91.2	455	90.8
Torfaen LA	246	234	95.1	234	95.1	234	95.1	234	95.1	234	95.1	234	95.1	226	91.9	236	95.9	226	91.9	226	91.9	226	91.9
Health Board Total	1565	1502	96.0	1502	96.0	1502	96.0	1502	96.0	1502	96.0	1499	95.8	1460	93.3	1505	96.2	1454	92.9	1456	93.0	1450	92.7
Betsi Cadwaladr University HB																							
Anglesey LA	165	161	97.6	161	97.6	161	97.6	161	97.6	161	97.6	161	97.6	159	96.4	160	97.0	159	96.4	158	95.8	159	96.4
Conwy LA	257	247	96.1	247	96.1	247	96.1	247	96.1	247	96.1	247	96.1	235	91.4	250	97.3	238	92.6	238	92.6	236	91.8
Denbighshire LA	223	211	94.6	211	94.6	211	94.6	211	94.6	211	94.6	211	94.6	204	91.5	211	94.6	203	91.0	202	90.6	202	90.6
Flintshire LA	393	379	96.4	379	96.4	379	96.4	379	96.4	379	96.4	381	96.9	372	94.7	383	97.5	371	94.4	370	94.1	372	94.7
Gwynedd LA	268	253	94.4	253	94.4	253	94.4	253	94.4	253	94.4	252	94.0	247	92.2	255	95.1	246	91.8	244	91.0	246	91.8
Wrexham LA	325	315	96.9	315	96.9	315	96.9	315	96.9	315	96.9	314	96.6	314	96.6	314	96.6	313	96.3	312	96.0	311	95.7
Health Board Total	1631	1566	96.0	1566	96.0	1566	96.0	1566	96.0	1566	96.0	1566	96.0	1531	93.9	1573	96.4	1530	93.8	1524	93.4	1526	93.6
Cardiff and Vale University HB																							
Cardiff LA	918	864	94.1	864	94.1	864	94.1	864	94.1	864	94.1	863	94.0	813	88.6	866	94.3	806	87.8	801	87.3	811	88.3
Vale of Glamorgan LA	336	314	93.5	314	93.5	314	93.5	314	93.5	314	93.5	314	93.5	305	90.8	312	92.9	297	88.4	297	88.4	302	89.9
Health Board Total	1254	1178	93.9	1178	93.9	1178	93.9	1178	93.9	1178	93.9	1177	93.9	1118	89.2	1178	93.9	1103	88.0	1098	87.6	1113	88.8
Cwm Taf Morgannwg University HB																							
Bridgend LA	376	369	98.1	369	98.1	369	98.1	369	98.1	369	98.1	369	98.1	364	96.8	368	97.9	366	97.3	365	97.1	365	97.1
Merthyr Tydfil LA	137	133	97.1	133	97.1	133	97.1	133	97.1	133	97.1	133	97.1	129	94.2	132	96.4	129	94.2	128	93.4	128	93.4
Rhondda Cynon Taf LA	638	619	97.0	619	97.0	619	97.0	619	97.0	619	97.0	619	97.0	611	95.8	621	97.3	612	95.9	608	95.3	613	96.1
Health Board Total	1151	1121	97.4	1121	97.4	1121	97.4	1121	97.4	1121	97.4	1121	97.4	1104	95.9	1121	97.4	1107	96.2	1101	95.7	1106	96.1
Hywel Dda University HB																							
Cardemarthenshire LA	462	442	95.7	442	95.7	442	95.7	442	95.7	441	95.5	442	95.7	426	92.2	441	95.5	424	91.8	422	91.3	422	91.3
Ceredigion LA	128	123	96.1	123	96.1	123	96.1	121	94.5	122	95.3	123	96.1	122	95.3	121	94.5	119	93.0	119	93.0	121	94.5
Pembrokeshire LA	256	238	93.0	238	93.0	238	93.0	238	93.0	238	93.0	238	93.0	231	90.2	239	93.4	230	89.8	231	90.2	230	89.8
Health Board Total	846	803	94.9	803	94.9	803	94.9	801	94.7	801	94.7	803	94.9	779	92.1	801	94.7	773	91.4	772	91.3	773	91.4
Powys Teaching HB																							
Health Board Total	251	235	93.6	235	93.6	235	93.6	235	93.6	235	93.6	235	93.6	233	92.8	235	93.6	234	93.2	233	92.8	234	93.2
Swansea Bay University HB																							
Neath Port Talbot LA	335	327	97.6	327	97.6	327	97.6	327	97.6	327	97.6	327	97.6	323	96.4	327	97.6	320	95.5	323	96.4	319	95.2
Swansea LA	544	521	95.8	521	95.8	521	95.8	521	95.8	521	95.8	521	95.8	506	93.0	519	95.4	506	93.0	502	92.3	502	92.3
Health Board Total	879	848	96.5	848	96.5	848	96.5	848	96.5	848	96.5	848	96.5	829	94.3	846	96.2	826	94.0	825	93.9	821	93.4
Unknown	34	34	100.0	34	100.0	34	100.0	34	100.0	34	100.0	34	100.0	34	100.0	34	100.0	34	100.0	34	100.0	34	100.0
Wales Total	7611	7287	95.7	7287	95.7	7287	95.7	7285	95.7	7285	95.7	7283	95.7	7088	93.1	7293	95.8	7061	92.8	7043	92.5	7057	92.7

¹ Full primary two dose course of pneumococcal conjugate vaccine.

² Final (booster) dose of pneumococcal conjugate vaccine.

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

Table 5. Vaccine uptake in children reaching their 4th birthday between 01/07/22 and 30/09/22 and resident on 30/09/22. 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	182	163	89.6	175	96.2	162	89.0	160	87.9
Caerphilly LA	473	410	86.7	453	95.8	408	86.3	408	86.3
Monmouthshire LA	228	205	89.9	220	96.5	203	89.0	201	88.2
Newport LA	511	425	83.2	469	91.8	424	83.0	416	81.4
Torfaen LA	271	216	79.7	252	93.0	214	79.0	213	78.6
Health Board Total	1665	1419	85.2	1569	94.2	1411	84.7	1398	84.0
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	154	141	91.6	151	98.1	142	92.2	141	91.6
Conwy LA	253	210	83.0	238	94.1	210	83.0	208	82.2
Denbighshire LA	221	179	81.0	208	94.1	179	81.0	178	80.5
Flintshire LA	400	343	85.8	378	94.5	343	85.8	341	85.3
Gwynedd LA	295	268	90.8	285	96.6	268	90.8	267	90.5
Wrexham LA	369	333	90.2	357	96.7	332	90.0	330	89.4
Health Board Total	1692	1474	87.1	1617	95.6	1474	87.1	1465	86.6
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1081	886	82.0	972	89.9	884	81.8	864	79.9
Vale of Glamorgan LA	370	305	82.4	344	93.0	300	81.1	299	80.8
Health Board Total	1451	1191	82.1	1316	90.7	1184	81.6	1163	80.2
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	408	357	87.5	391	95.8	362	88.7	355	87.0
Merthyr Tydfil LA	200	163	81.5	185	92.5	164	82.0	162	81.0
Rhondda Cynon Taf LA	688	606	88.1	673	97.8	605	87.9	603	87.6
Health Board Total	1296	1126	86.9	1249	96.4	1131	87.3	1120	86.4
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	491	397	80.9	460	93.7	397	80.9	395	80.4
Ceredigion LA	150	133	88.7	138	92.0	131	87.3	129	86.0
Pembrokeshire LA	292	253	86.6	275	94.2	252	86.3	251	86.0
Health Board Total	933	783	83.9	873	93.6	780	83.6	775	83.1
<u>Powys Teaching HB</u>									
Health Board Total	335	300	89.6	324	96.7	299	89.3	299	89.3
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	367	316	86.1	358	97.5	317	86.4	313	85.3
Swansea LA	644	552	85.7	605	93.9	556	86.3	546	84.8
Health Board Total	1011	868	85.9	963	95.3	873	86.4	859	85.0
Unknown	34	30	88.2	33	97.1	30	88.2	30	88.2
Wales Total	8417	7191	85.4	7944	94.4	7182	85.3	7109	84.5

¹ Uptake of acellular pertussis used as proxy

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

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/07/22 and 30/09/22 and resident on 30/09/22. 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	208	195	93.8	200	96.2	194	93.3	194	93.3
Caerphilly LA	518	486	93.8	502	96.9	484	93.4	479	92.5
Monmouthshire LA	229	210	91.7	216	94.3	207	90.4	204	89.1
Newport LA	549	482	87.8	511	93.1	479	87.2	473	86.2
Torfaen LA	255	231	90.6	240	94.1	226	88.6	224	87.8
Health Board Total	1759	1604	91.2	1669	94.9	1590	90.4	1574	89.5
Betsi Cadwaladr University HB									
Anglesey LA	179	172	96.1	174	97.2	171	95.5	171	95.5
Conwy LA	274	242	88.3	256	93.4	245	89.4	241	88.0
Denbighshire LA	260	236	90.8	245	94.2	233	89.6	232	89.2
Flintshire LA	420	391	93.1	395	94.0	388	92.4	387	92.1
Gwynedd LA	315	281	89.2	296	94.0	278	88.3	277	87.9
Wrexham LA	395	368	93.2	380	96.2	369	93.4	364	92.2
Health Board Total	1843	1690	91.7	1746	94.7	1684	91.4	1672	90.7
Cardiff and Vale University HB									
Cardiff LA	1085	943	86.9	1006	92.7	941	86.7	921	84.9
Vale of Glamorgan LA	391	354	90.5	363	92.8	352	90.0	345	88.2
Health Board Total	1476	1297	87.9	1369	92.8	1293	87.6	1266	85.8
Cwm Taf Morgannwg University HB									
Bridgend LA	409	373	91.2	387	94.6	371	90.7	366	89.5
Merthyr Tydfil LA	197	172	87.3	182	92.4	171	86.8	165	83.8
Rhondda Cynon Taf LA	698	656	94.0	680	97.4	654	93.7	651	93.3
Health Board Total	1304	1201	92.1	1249	95.8	1196	91.7	1182	90.6
Hywel Dda University HB									
Cardmarthenshire LA	508	445	87.6	472	92.9	440	86.6	437	86.0
Ceredigion LA	157	144	91.7	147	93.6	144	91.7	141	89.8
Pembrokeshire LA	335	300	89.6	317	94.6	299	89.3	296	88.4
Health Board Total	1000	889	88.9	936	93.6	883	88.3	874	87.4
Powys Teaching HB									
Health Board Total	335	305	91.0	318	94.9	303	90.4	299	89.3
Swansea Bay University HB									
Neath Port Talbot LA	399	363	91.0	384	96.2	362	90.7	358	89.7
Swansea LA	664	597	89.9	619	93.2	593	89.3	586	88.3
Health Board Total	1063	960	90.3	1003	94.4	955	89.8	944	88.8
Unknown	20	15	75.0	16	80.0	14	70.0	14	70.0
Wales Total	8800	7961	90.5	8306	94.4	7918	90.0	7825	88.9

¹ Uptake of acellular pertussis used as proxy

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

Table 7. Vaccine uptake in children reaching their 5th birthday between 01/07/22 and 30/09/22 and resident on 30/09/22.

Area	Resident children	D3	T3	P3	Po3	Hib3	MenC ¹	PCVf ²	HibMenC	MMR1	MMR2	D4	T4	aP	Po4												
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)												
Blaenau Gwent LA	208	202	97.1	202	97.1	202	97.1	202	97.1	202	97.1	1	0.5	198	95.2	200	96.2	203	97.6	194	93.3	195	93.8	195	93.8	195	93.8
Caerphilly LA	518	504	97.3	504	97.3	504	97.3	504	97.3	504	97.3	0	0.0	496	95.8	502	96.9	505	97.5	484	93.4	486	93.8	486	93.8	486	93.8
Monmouthshire LA	229	217	94.8	217	94.8	217	94.8	217	94.8	0	0.0	214	93.4	216	94.3	222	96.9	207	90.4	210	91.7	210	91.7	210	91.7	210	91.7
Newport LA	549	520	94.7	520	94.7	520	94.7	520	94.7	519	94.5	0	0.0	513	93.4	511	93.1	520	94.7	479	87.2	482	87.8	482	87.8	482	87.8
Torfaen LA	255	247	96.9	247	96.9	247	96.9	247	96.9	247	96.9	1	0.4	236	92.5	240	94.1	242	94.9	226	88.6	231	90.6	231	90.6	231	90.6
Health Board Total	1759	1690	96.1	1690	96.1	1690	96.1	1690	96.1	1689	96.0	2	0.1	1657	94.2	1669	94.9	1692	96.2	1590	90.4	1604	91.2	1604	91.2	1604	91.2
<u>Betsi Cadwaladr University HB</u>																											
Anglesey LA	179	174	97.2	174	97.2	174	97.2	174	97.2	174	97.2	1	0.6	174	97.2	174	97.2	175	97.8	171	95.5	172	96.1	172	96.1	172	96.1
Conwy LA	274	263	96.0	263	96.0	263	96.0	263	96.0	262	95.6	3	1.1	258	94.2	256	93.4	263	96.0	245	89.4	242	88.3	242	88.3	242	88.3
Denbighshire LA	260	246	94.6	246	94.6	246	94.6	246	94.6	246	94.6	1	0.4	243	93.5	245	94.2	247	95.0	233	89.6	236	90.8	236	90.8	236	90.8
Flintshire LA	420	398	94.8	398	94.8	398	94.8	398	94.8	398	94.8	0	0.0	391	93.1	395	94.0	398	94.8	388	92.4	391	93.1	391	93.1	391	93.1
Gwynedd LA	315	297	94.3	297	94.3	297	94.3	297	94.3	297	94.3	0	0.0	294	93.3	296	94.0	295	93.7	278	88.3	281	89.2	281	89.2	281	89.2
Wrexham LA	395	380	96.2	380	96.2	380	96.2	380	96.2	380	96.2	0	0.0	372	94.2	380	96.2	383	97.0	369	93.4	368	93.2	368	93.2	368	93.2
Health Board Total	1843	1758	95.4	1758	95.4	1758	95.4	1758	95.4	1757	95.3	5	0.3	1732	94	1746	94.7	1761	95.6	1684	91.4	1690	91.7	1690	91.7	1690	91.7
<u>Cardiff and Vale University HB</u>																											
Cardiff LA	1085	1023	94.3	1023	94.3	1023	94.3	1023	94.3	1023	94.3	2	0.2	971	89.5	1006	92.7	1024	94.4	941	86.7	943	86.9	943	86.9	943	86.9
Vale of Glamorgan LA	391	368	94.1	368	94.1	368	94.1	368	94.1	368	94.1	5	1.3	363	92.8	363	92.8	372	95.1	352	90.0	354	90.5	354	90.5	354	90.5
Health Board Total	1476	1391	94.2	1391	94.2	1391	94.2	1391	94.2	1391	94.2	7	0.5	1334	90.4	1369	92.8	1396	94.6	1293	87.6	1297	87.9	1297	87.9	1297	87.9
<u>Cwm Taf Morgannwg University HB</u>																											
Bridgend LA	409	399	97.6	399	97.6	399	97.6	399	97.6	399	97.6	0	0.0	390	95.4	387	94.6	393	96.1	371	90.7	373	91.2	373	91.2	373	91.2
Merthyr Tydfil LA	197	191	97.0	191	97.0	191	97.0	191	97.0	191	97.0	0	0.0	184	93.4	182	92.4	190	96.4	171	86.8	172	87.3	172	87.3	172	87.3
Rhondda Cynon Taf LA	698	686	98.3	686	98.3	686	98.3	686	98.3	686	98.3	1	0.1	677	97	680	97.4	686	98.3	654	93.7	656	94.0	656	94.0	656	94.0
Health Board Total	1304	1276	97.9	1276	97.9	1276	97.9	1276	97.9	1276	97.9	1	0.1	1251	95.9	1249	95.8	1269	97.3	1196	91.7	1201	92.1	1201	92.1	1201	92.1
<u>Hywel Dda University HB</u>																											
Cardemarthenshire LA	508	483	95.1	483	95.1	483	95.1	482	94.9	481	94.7	0	0.0	470	92.5	472	92.9	481	94.7	440	86.6	445	87.6	445	87.6	444	87.4
Ceredigion LA	157	151	96.2	151	96.2	151	96.2	150	95.5	151	96.2	1	0.6	148	94.3	147	93.6	151	96.2	144	91.7	144	91.7	144	91.7	144	91.7
Pembrokeshire LA	335	321	95.8	321	95.8	321	95.8	321	95.8	321	95.8	1	0.3	310	92.5	317	94.6	323	96.4	299	89.3	300	89.6	300	89.6	300	89.6
Health Board Total	1000	955	95.5	955	95.5	955	95.5	953	95.3	953	95.3	2	0.2	928	92.8	936	93.6	955	95.5	883	88.3	889	88.9	889	88.9	889	88.8
<u>Powys Teaching HB</u>																											
Health Board Total	335	321	95.8	321	95.8	321	95.8	321	95.8	321	95.8	1	0.3	314	93.7	318	94.9	319	95.2	303	90.4	305	91.0	305	91.0	305	91.0
<u>Swansea Bay University HB</u>																											
Neath Port Talbot LA	399	389	97.5	389	97.5	389	97.5	389	97.5	389	97.5	2	0.5	382	95.7	384	96.2	389	97.5	362	90.7	363	91.0	363	91.0	363	91.0
Swansea LA	664	629	94.7	629	94.7	629	94.7	629	94.7	629	94.7	1	0.2	605	91.1	619	93.2	628	94.6	593	89.3	597	89.9	597	89.9	597	89.9
Health Board Total	1063	1018	95.8	1018	95.8	1018	95.8	1018	95.8	1018	95.8	3	0.3	987	92.9	1003	94.4	1017	95.7	955	89.8	960	90.3	960	90.3	960	90.2
Unknown	20	17	85.0	17	85.0	17	85.0	17	85.0	17	85.0	0	0.0	16	80	16	80.0	17	85.0	14	70.0	15	75.0	15	75.0	15	75.0
Wales Total	8800	8426	95.8	8426	95.8	8426	95.8	8424	95.7	8422	95.7	21	0.2	8219	93.4	8306	94.4	8426	95.8	7918	90.0	7961	90.5	7961	90.5	7961	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 30/09/22, with breakdown of coverage for sex.

Area	Resident children (n)	HPV 1 dose (n) (%)	Resident girls (n)	HPV 1 dose (girls) (n) (%)	Resident boys (n)	HPV 1 dose (boys) (n) (%)
<u>Aneurin Bevan University HB</u>						
Blaenau Gwent LA	812	407 50.1	381	214 56.2	431	193 44.8
Caerphilly LA	2209	1075 48.7	1069	562 52.6	1140	513 45.0
Monmouthshire LA	1085	734 67.6	542	391 72.1	543	343 63.2
Newport LA	2138	1245 58.2	999	615 61.6	1138	630 55.4
Torfaen LA	1152	752 65.3	536	377 70.3	615	375 61.0
Health Board Total	7396	4213 57.0	3527	2159 61.2	3867	2054 53.1
<u>Betsi Cadwaladr University HB</u>						
Anglesey LA	804	595 74.0	377	301 79.8	427	294 68.9
Conwy LA	1237	765 61.8	620	418 67.4	617	347 56.2
Denbighshire LA	1137	596 52.4	561	315 56.1	576	281 48.8
Flintshire LA	1771	1280 72.3	867	661 76.2	904	619 68.5
Gwynedd LA	1328	901 67.8	646	463 71.7	680	436 64.1
Wrexham LA	1615	1114 69.0	761	556 73.1	854	558 65.3
Health Board Total	7892	5251 66.5	3832	2714 70.8	4058	2535 62.5
<u>Cardiff and Vale University HB</u>						
Cardiff LA	4561	2109 46.2	2257	1088 48.2	2304	1021 44.3
Vale of Glamorgan LA	1666	880 52.8	807	475 58.9	859	405 47.1
Health Board Total	6227	2989 48.0	3064	1563 51.0	3163	1426 45.1
<u>Cwm Taf Morgannwg University HB</u>						
Bridgend LA	1688	1355 80.3	769	640 83.2	919	715 77.8
Merthyr Tydfil LA	744	495 66.5	387	280 72.4	357	215 60.2
Rhondda Cynon Taf LA	2994	2439 81.5	1462	1232 84.3	1532	1207 78.8
Health Board Total	5426	4289 79.0	2618	2152 82.2	2808	2137 76.1
<u>Hywel Dda University HB</u>						
Carmarthenshire LA	2130	1529 71.8	1055	800 75.8	1075	729 67.8
Ceredigion LA	602	474 78.7	302	248 82.1	300	226 75.3
Pembrokeshire LA	1381	924 66.9	698	513 73.5	683	411 60.2
Health Board Total	4113	2927 71.2	2055	1561 76.0	2058	1366 66.4
<u>Powys Teaching HB</u>						
Health Board Total	1358	991 73.0	663	509 76.8	694	482 69.5
<u>Swansea Bay University HB</u>						
Neath Port Talbot LA	1680	1447 86.1	816	724 88.7	864	723 83.7
Swansea LA	2717	2302 84.7	1304	1129 86.6	1413	1173 83.0
Health Board Total	4397	3749 85.3	2120	1853 87.4	2277	1896 83.3
Unknown	74	47 63.5	41	32 78.0	33	15 45.5
Wales Total	36883	24456 66.3	17920	12543 70.0	18958	11911 62.8

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 30/09/22, 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	676	80.4	540	64.2	405	340	84.0	275	67.9	436	336	77.1	265	60.8
Caerphilly LA	2280	1878	82.4	1032	45.3	1087	929	85.5	524	48.2	1193	949	79.5	508	42.6
Monmouthshire LA	1105	856	77.5	647	58.6	540	433	80.2	328	60.7	565	423	74.9	319	56.5
Newport LA	2241	1626	72.6	925	41.3	1074	834	77.7	505	47.0	1166	792	67.9	420	36.0
Torfaen LA	1162	949	81.7	757	65.1	559	473	84.6	364	65.1	603	476	78.9	393	65.2
Health Board Total	7629	5985	78.5	3901	51.1	3665	3009	82.1	1996	54.5	3963	2976	75.1	1905	48.1
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	809	663	82.0	545	67.4	412	358	86.9	298	72.3	397	305	76.8	247	62.2
Conwy LA	1270	1007	79.3	730	57.5	638	535	83.9	385	60.3	631	472	74.8	345	54.7
Denbighshire LA	1194	808	67.7	520	43.6	566	410	72.4	271	47.9	628	398	63.4	249	39.6
Flintshire LA	1838	1428	77.7	1229	66.9	892	706	79.1	605	67.8	946	722	76.3	624	66.0
Gwynedd LA	1312	1110	84.6	1045	79.6	632	551	87.2	523	82.8	680	559	82.2	522	76.8
Wrexham LA	1682	1383	82.2	1158	68.8	819	705	86.1	610	74.5	862	678	78.7	548	63.6
Health Board Total	8105	6399	79.0	5227	64.5	3959	3265	82.5	2692	68.0	4144	3134	75.6	2535	61.2
<u>Cardiff and Vale University HB</u>															
Cardiff LA	4518	3424	75.8	3009	66.6	2229	1765	79.2	1561	70.0	2289	1659	72.5	1448	63.3
Vale of Glamorgan LA	1709	1357	79.4	1165	68.2	832	684	82.2	598	71.9	877	673	76.7	567	64.7
Health Board Total	6227	4781	76.8	4174	67.0	3061	2449	80.0	2159	70.5	3166	2332	73.7	2015	63.6
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	1711	1541	90.1	1380	80.7	821	760	92.6	674	82.1	890	781	87.8	706	79.3
Merthyr Tydfil LA	779	671	86.1	556	71.4	379	339	89.4	283	74.7	400	332	83.0	273	68.3
Rhondda Cynon Taf LA	2949	2606	88.4	2278	77.2	1449	1298	89.6	1141	78.7	1497	1306	87.2	1136	75.9
Health Board Total	5439	4818	88.6	4214	77.5	2649	2397	90.5	2098	79.2	2787	2419	86.8	2115	75.9
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	2303	1978	85.9	1755	76.2	1138	1005	88.3	897	78.8	1165	973	83.5	858	73.6
Ceredigion LA	657	546	83.1	521	79.3	319	281	88.1	269	84.3	338	265	78.4	252	74.6
Pembrokeshire LA	1369	1074	78.5	986	72.0	677	560	82.7	518	76.5	692	514	74.3	468	67.6
Health Board Total	4329	3598	83.1	3262	75.4	2134	1846	86.5	1684	78.9	2195	1752	79.8	1578	71.9
<u>Powys Teaching HB</u>															
Health Board Total	1489	1220	81.9	1129	75.8	693	594	85.7	546	78.8	796	626	78.6	583	73.2
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	1663	1510	90.8	1343	80.8	778	711	91.4	634	81.5	885	799	90.3	709	80.1
Swansea LA	2899	2622	90.4	2316	79.9	1447	1317	91.0	1180	81.5	1452	1305	89.9	1136	78.2
Health Board Total	4562	4132	90.6	3659	80.2	2225	2028	91.1	1814	81.5	2337	2104	90.0	1845	78.9
Unknown	94	67	71.3	51	54.3	54	36	66.7	28	51.9	40	31	77.5	23	57.5
Wales Total	37874	31000	81.9	25617	67.6	18440	15624	84.7	13017	70.6	19428	15374	79.1	12599	64.8

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 30/09/22.

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	812	407	50.1	841	676	80.4	540	64.2	724	450	62.2	259	35.8
Caerphilly LA	2209	1075	48.7	2280	1878	82.4	1032	45.3	2105	1663	79.0	984	46.7
Monmouthshire LA	1085	734	67.6	1105	856	77.5	647	58.6	1098	854	77.8	693	63.1
Newport LA	2138	1245	58.2	2241	1626	72.6	925	41.3	2054	1436	69.9	1108	53.9
Torfaen LA	1152	752	65.3	1162	949	81.7	757	65.1	1141	891	78.1	690	60.5
Health Board Total	7396	4213	57.0	7629	5985	78.5	3901	51.1	7122	5294	74.3	3734	52.4
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	804	595	74.0	809	663	82.0	545	67.4	780	622	79.7	575	73.7
Conwy LA	1237	765	61.8	1270	1007	79.3	730	57.5	1221	962	78.8	796	65.2
Denbighshire LA	1137	596	52.4	1194	808	67.7	520	43.6	1149	904	78.7	687	59.8
Flintshire LA	1771	1280	72.3	1838	1428	77.7	1229	66.9	1823	1538	84.4	1412	77.5
Gwynedd LA	1328	901	67.8	1312	1110	84.6	1045	79.6	1304	1157	88.7	1121	86.0
Wrexham LA	1615	1114	69.0	1682	1383	82.2	1158	68.8	1561	1292	82.8	1182	75.7
Health Board Total	7892	5251	66.5	8105	6399	79.0	5227	64.5	7838	6475	82.6	5773	73.7
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4561	2109	46.2	4518	3424	75.8	3009	66.6	4317	3480	80.6	3010	69.7
Vale of Glamorgan LA	1666	880	52.8	1709	1357	79.4	1165	68.2	1639	1388	84.7	1179	71.9
Health Board Total	6227	2989	48.0	6227	4781	76.8	4174	67.0	5956	4868	81.7	4189	70.3
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1688	1355	80.3	1711	1541	90.1	1380	80.7	1763	1559	88.4	1475	83.7
Merthyr Tydfil LA	744	495	66.5	779	671	86.1	556	71.4	720	591	82.1	557	77.4
Rhondda Cynon Taf LA	2994	2439	81.5	2949	2606	88.4	2278	77.2	2861	2510	87.7	2344	81.9
Health Board Total	5426	4289	79.0	5439	4818	88.6	4214	77.5	5344	4660	87.2	4376	81.9
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	2130	1529	71.8	2303	1978	85.9	1755	76.2	2180	1946	89.3	1808	82.9
Ceredigion LA	602	474	78.7	657	546	83.1	521	79.3	682	595	87.2	566	83.0
Pembrokeshire LA	1381	924	66.9	1369	1074	78.5	986	72.0	1368	1073	78.4	957	70.0
Health Board Total	4113	2927	71.2	4329	3598	83.1	3262	75.4	4230	3614	85.4	3331	78.7
<u>Powys Teaching HB</u>													
Health Board Total	1358	991	73.0	1489	1220	81.9	1129	75.8	1376	1172	85.2	1085	78.9
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1680	1447	86.1	1663	1510	90.8	1343	80.8	1642	1530	93.2	1452	88.4
Swansea LA	2717	2302	84.7	2899	2622	90.4	2316	79.9	2754	2524	91.6	2419	87.8
Health Board Total	4397	3749	85.3	4562	4132	90.6	3659	80.2	4396	4054	92.2	3871	88.1
Unknown	74	47	63.5	94	67	71.3	51	54.3	63	43	68.3	37	58.7
Wales Total	36883	24456	66.3	37874	31000	81.9	25617	67.6	36325	30180	83.1	26396	72.7

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 30/09/22.

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	540	64.2	724	549	75.8	786	660	84.0	699	612	87.6
Caerphilly LA	2280	1028	45.1	2105	1699	80.7	2135	1783	83.5	2067	1796	86.9
Monmouthshire LA	1105	750	67.9	1098	854	77.8	1105	852	77.1	1089	868	79.7
Newport LA	2241	1262	56.3	2054	1505	73.3	1931	1515	78.5	1929	1577	81.8
Torfaen LA	1162	758	65.2	1141	913	80.0	1146	926	80.8	1129	974	86.3
Health Board Total	7629	4338	56.9	7122	5520	77.5	7103	5736	80.8	6913	5827	84.3
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	809	550	68.0	780	617	79.1	719	605	84.1	713	607	85.1
Conwy LA	1270	874	68.8	1221	959	78.5	1231	1060	86.1	1185	1067	90.0
Denbighshire LA	1194	742	62.1	1149	885	77.0	1136	894	78.7	1127	935	83.0
Flintshire LA	1838	1269	69.0	1823	1542	84.6	1686	1313	77.9	1655	1424	86.0
Gwynedd LA	1312	1002	76.4	1304	1128	86.5	1352	1188	87.9	1265	1140	90.1
Wrexham LA	1682	1145	68.1	1561	1236	79.2	1569	1249	79.6	1495	1276	85.4
Health Board Total	8105	5582	68.9	7838	6367	81.2	7693	6309	82.0	7440	6449	86.7
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4518	3166	70.1	4317	3197	74.1	4181	3220	77.0	4047	3145	77.7
Vale of Glamorgan LA	1709	1318	77.1	1639	1297	79.1	1514	1285	84.9	1533	1267	82.6
Health Board Total	6227	4484	72.0	5956	4494	75.5	5695	4505	79.1	5580	4412	79.1
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1711	1404	82.1	1763	1563	88.7	1628	1478	90.8	1680	1543	91.8
Merthyr Tydfil LA	779	571	73.3	720	604	83.9	705	635	90.1	712	641	90.0
Rhondda Cynon Taf LA	2949	2285	77.5	2861	2499	87.3	2880	2633	91.4	2885	2641	91.5
Health Board Total	5439	4260	78.3	5344	4666	87.3	5213	4746	91.0	5277	4825	91.4
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2303	1748	75.9	2180	1869	85.7	2141	1838	85.8	2034	1789	88.0
Ceredigion LA	657	546	83.1	682	599	87.8	613	534	87.1	662	581	87.8
Pembrokeshire LA	1369	868	63.4	1368	1118	81.7	1373	987	71.9	1247	1051	84.3
Health Board Total	4329	3162	73.0	4230	3586	84.8	4127	3359	81.4	3943	3421	86.8
<u>Powys Teaching HB</u>												
Health Board Total	1489	1142	76.7	1376	1210	87.9	1372	1164	84.8	1418	1239	87.4
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1663	1392	83.7	1642	1467	89.3	1647	1467	89.1	1653	1530	92.6
Swansea LA	2899	2473	85.3	2754	2493	90.5	2656	2383	89.7	2587	2345	90.6
Health Board Total	4562	3865	84.7	4396	3960	90.1	4303	3850	89.5	4240	3875	91.4
Unknown	94	64	68.1	63	43	68.3	80	65	81.3	90	72	80.0
Wales Total	37874	26897	71.0	36325	29846	82.2	35586	29734	83.6	34901	30120	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 30/09/22, 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)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)			
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)			
Blaenau Gwent LA	841	811	96.4	784	93.2	546	64.9	540	64.2	405	387	95.6	371	91.6	436	424	97.2	413	94.7			
Caerphilly LA	2280	2223	97.5	2176	95.4	1033	45.3	1028	45.1	1087	1062	97.7	1041	95.8	1193	1161	97.3	1135	95.1			
Monmouthshire LA	1105	1012	91.6	984	89.0	744	67.3	750	67.9	540	495	91.7	478	88.5	565	517	91.5	506	89.6			
Newport LA	2241	2104	93.9	2017	90.0	1259	56.2	1262	56.3	1074	1019	94.9	982	91.4	1166	1084	93.0	1035	88.8			
Torfaen LA	1162	1118	96.2	1088	93.6	721	62.0	758	65.2	559	544	97.3	530	94.8	603	574	95.2	558	92.5			
Health Board Total	7629	7268	95.3	7049	92.4	4303	56.4	4338	56.9	3665	3507	95.7	3402	92.8	3963	3760	94.9	3647	92.0			
<u>Betsi Cadwaladr University HB</u>																						
Anglesey LA	809	777	96.0	759	93.8	572	70.7	550	68.0	412	398	96.6	388	94.2	397	379	95.5	371	93.5			
Conwy LA	1270	1216	95.7	1193	93.9	866	68.2	874	68.8	638	613	96.1	602	94.4	631	603	95.6	591	93.7			
Denbighshire LA	1194	1129	94.6	1107	92.7	737	61.7	742	62.1	566	531	93.8	525	92.8	628	598	95.2	582	92.7			
Flintshire LA	1838	1713	93.2	1679	91.3	1264	68.8	1269	69.0	892	824	92.4	806	90.4	946	889	94.0	873	92.3			
Gwynedd LA	1312	1268	96.6	1228	93.6	1020	77.7	1002	76.4	632	610	96.5	587	92.9	680	658	96.8	641	94.3			
Wrexham LA	1682	1596	94.9	1569	93.3	1143	68.0	1145	68.1	819	785	95.8	776	94.7	862	810	94.0	792	91.9			
Health Board Total	8105	7699	95.0	7535	93.0	5602	69.1	5582	68.9	3959	3761	95.0	3684	93.1	4144	3937	95.0	3850	92.9			
<u>Cardiff and Vale University HB</u>																						
Cardiff LA	4518	4271	94.5	4055	89.8	3153	69.8	3166	70.1	2229	2122	95.2	2015	90.4	2289	2149	93.9	2040	89.1			
Vale of Glamorgan LA	1709	1659	97.1	1605	93.9	1315	76.9	1318	77.1	832	809	97.2	783	94.1	877	850	96.9	822	93.7			
Health Board Total	6227	5930	95.2	5660	90.9	4468	71.8	4484	72.0	3061	2931	95.8	2798	91.4	3166	2999	94.7	2862	90.4			
<u>Cwm Taf Morgannwg University HB</u>																						
Bridgend LA	1711	1664	97.3	1609	94.0	1405	82.1	1404	82.1	821	799	97.3	780	95.0	890	865	97.2	829	93.1			
Merthyr Tydfil LA	779	751	96.4	728	93.5	574	73.7	571	73.3	379	366	96.6	351	92.6	400	385	96.3	377	94.3			
Rhondda Cynon Taf LA	2949	2857	96.9	2799	94.9	2284	77.4	2285	77.5	1449	1406	97.0	1380	95.2	1497	1448	96.7	1418	94.7			
Health Board Total	5439	5272	96.9	5136	94.4	4263	78.4	4260	78.3	2649	2571	97.1	2511	94.8	2787	2698	96.8	2624	94.2			
<u>Hywel Dda University HB</u>																						
Carmarthenshire LA	2303	2177	94.5	2106	91.4	1757	76.3	1748	75.9	1138	1074	94.4	1039	91.3	1165	1103	94.7	1067	91.6			
Ceredigion LA	657	612	93.2	596	90.7	552	84.0	546	83.1	319	298	93.4	290	90.9	338	314	92.9	306	90.5			
Pembrokeshire LA	1369	1272	92.9	1208	88.2	874	63.8	868	63.4	677	637	94.1	618	91.3	692	635	91.8	590	85.3			
Health Board Total	4329	4061	93.8	3910	90.3	3183	73.5	3162	73.0	2134	2009	94.1	1947	91.2	2195	2052	93.5	1963	89.4			
<u>Powys Teaching HB</u>																						
Health Board Total	1489	1383	92.9	1334	89.6	1134	76.2	1142	76.7	693	646	93.2	628	90.6	796	737	92.6	706	88.7			
<u>Swansea Bay University HB</u>																						
Neath Port Talbot LA	1663	1625	97.7	1577	94.8	1389	83.5	1392	83.7	778	760	97.7	742	95.4	885	865	97.7	835	94.4			
Swansea LA	2899	2759	95.2	2685	92.6	2458	84.8	2473	85.3	1447	1373	94.9	1346	93.0	1452	1386	95.5	1339	92.2			
Health Board Total	4562	4384	96.1	4262	93.4	3847	84.3	3865	84.7	2225	2133	95.9	2088	93.8	2337	2251	96.3	2174	93.0			
Unknown	94	87	92.6	85	90.4	62	66.0	64	68.1	54	51	94.4	49	90.7	40	36	90.0	36	90.0			
Wales Total	37874	36084	95.3	34971	92.3	26862	70.9	26897	71.0	18440	17609	95.5	17107	92.8	19428	18470	95.1	17862	91.9			

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

² Timings of immunisation sessions vary between HBs and uptake will increase over the next 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 30/09/22, 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)	(%)	(n)	(%)	
<u>Aneurin Bevan University HB</u>																						
Blaenau Gwent LA	724	700	96.7	680	93.9	542	74.9	549	75.8	388	372	95.9	361	93.0	336	328	97.6	319	94.9			
Caerphilly LA	2105	2049	97.3	1993	94.7	1697	80.6	1699	80.7	1057	1035	97.9	1008	95.4	1048	1014	96.8	985	94.0			
Monmouthshire LA	1098	1021	93.0	989	90.1	848	77.2	854	77.8	540	501	92.8	488	90.4	558	520	93.2	501	89.8			
Newport LA	2054	1933	94.1	1854	90.3	1516	73.8	1505	73.3	993	938	94.5	903	90.9	1060	995	93.9	951	89.7			
Torfaen LA	1141	1120	98.2	1086	95.2	907	79.5	913	80.0	551	542	98.4	527	95.6	590	578	98.0	559	94.7			
Health Board Total	7122	6823	95.8	6602	92.7	5510	77.4	5520	77.5	3529	3388	96.0	3287	93.1	3592	3435	95.6	3315	92.3			
<u>Betsi Cadwaladr University HB</u>																						
Anglesey LA	780	753	96.5	733	94.0	620	79.5	617	79.1	366	355	97.0	346	94.5	414	398	96.1	387	93.5			
Conwy LA	1221	1160	95.0	1131	92.6	953	78.1	959	78.5	601	573	95.3	568	94.5	620	587	94.7	563	90.8			
Denbighshire LA	1149	1077	93.7	1056	91.9	879	76.5	885	77.0	551	518	94.0	505	91.7	597	559	93.6	551	92.3			
Flintshire LA	1823	1730	94.9	1683	92.3	1538	84.4	1542	84.6	897	844	94.1	825	92.0	926	886	95.7	858	92.7			
Gwynedd LA	1304	1263	96.9	1233	94.6	1134	87.0	1128	86.5	640	619	96.7	607	94.8	663	644	97.1	626	94.4			
Wrexham LA	1561	1507	96.5	1471	94.2	1239	79.4	1236	79.2	731	715	97.8	697	95.3	830	792	95.4	774	93.3			
Health Board Total	7838	7490	95.6	7307	93.2	6363	81.2	6367	81.2	3786	3624	95.7	3548	93.7	4050	3866	95.5	3759	92.8			
<u>Cardiff and Vale University HB</u>																						
Cardiff LA	4317	4061	94.1	3856	89.3	3199	74.1	3197	74.1	2131	2013	94.5	1903	89.3	2185	2047	93.7	1952	89.3			
Vale of Glamorgan LA	1639	1567	95.6	1503	91.7	1299	79.3	1297	79.1	784	751	95.8	725	92.5	855	816	95.4	778	91.0			
Health Board Total	5956	5628	94.5	5359	90.0	4498	75.5	4494	75.5	2915	2764	94.8	2628	90.2	3040	2863	94.2	2730	89.8			
<u>Cwm Taf Morgannwg University HB</u>																						
Bridgend LA	1763	1698	96.3	1618	91.8	1554	88.1	1563	88.7	857	827	96.5	792	92.4	906	871	96.1	826	91.2			
Merthyr Tydfil LA	720	692	96.1	670	93.1	607	84.3	604	83.9	327	315	96.3	302	92.4	393	377	95.9	368	93.6			
Rhondda Cynon Taf LA	2861	2780	97.2	2715	94.9	2502	87.5	2499	87.3	1350	1311	97.1	1281	94.9	1511	1469	97.2	1434	94.9			
Health Board Total	5344	5170	96.7	5003	93.6	4663	87.3	4666	87.3	2534	2453	96.8	2375	93.7	2810	2717	96.7	2628	93.5			
<u>Hywel Dda University HB</u>																						
Carmarthenshire LA	2180	2041	93.6	1961	90.0	1876	86.1	1869	85.7	1074	1005	93.6	967	90.0	1106	1036	93.7	994	89.9			
Ceredigion LA	682	641	94.0	621	91.1	600	88.0	599	87.8	336	315	93.8	304	90.5	346	326	94.2	317	91.6			
Pembrokeshire LA	1368	1266	92.5	1191	87.1	1123	82.1	1118	81.7	676	639	94.5	602	89.1	692	627	90.6	589	85.1			
Health Board Total	4230	3948	93.3	3773	89.2	3599	85.1	3586	84.8	2086	1959	93.9	1873	89.8	2144	1989	92.8	1900	88.6			
<u>Powys Teaching HB</u>																						
Health Board Total	1376	1293	94.0	1242	90.3	1194	86.8	1210	87.9	672	629	93.6	607	90.3	703	664	94.5	635	90.3			
<u>Swansea Bay University HB</u>																						
Neath Port Talbot LA	1642	1605	97.7	1552	94.5	1463	89.1	1467	89.3	809	794	98.1	769	95.1	833	811	97.4	783	94.0			
Swansea LA	2754	2607	94.7	2513	91.2	2490	90.4	2493	90.5	1337	1274	95.3	1225	91.6	1417	1333	94.1	1288	90.9			
Health Board Total	4396	4212	95.8	4065	92.5	3953	89.9	3960	90.1	2146	2068	96.4	1994	92.9	2250	2144	95.3	2071	92.0			
Unknown	63	52	82.5	51	81.0	43	68.3	43	68.3	33	29	87.9	28	84.8	30	23	76.7	23	76.7			
Wales Total	36325	34616	95.3	33402	92.0	29823	82.1	29846	82.2	17701	16914	95.6	16340	92.3	18619	17701	95.1	17061	91.6			

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 30/09/22, 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	786	763	97.1	743	94.5	658	83.7	660	84.0	418	413	98.8	403	96.4	368	350	95.1	340	92.4	
Caerphilly LA	2135	2087	97.8	2025	94.8	1784	83.6	1783	83.5	1031	1018	98.7	987	95.7	1104	1069	96.8	1038	94.0	
Monmouthshire LA	1105	1012	91.6	981	88.8	848	76.7	852	77.1	527	493	93.5	478	90.7	578	519	89.8	503	87.0	
Newport LA	1931	1817	94.1	1730	89.6	1516	78.5	1515	78.5	969	918	94.7	879	90.7	961	899	93.5	851	88.6	
Torfaen LA	1146	1106	96.5	1060	92.5	924	80.6	926	80.8	550	530	96.4	513	93.3	596	576	96.6	547	91.8	
Health Board Total	7103	6785	95.5	6539	92.1	5730	80.7	5736	80.8	3495	3372	96.5	3260	93.3	3607	3413	94.6	3279	90.9	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	719	687	95.5	667	92.8	612	85.1	605	84.1	345	330	95.7	320	92.8	374	357	95.5	347	92.8	
Conwy LA	1231	1157	94.0	1131	91.9	1056	85.8	1060	86.1	588	544	92.5	530	90.1	643	613	95.3	601	93.5	
Denbighshire LA	1136	1073	94.5	1038	91.4	885	77.9	894	78.7	567	535	94.4	512	90.3	569	538	94.6	526	92.4	
Flintshire LA	1686	1611	95.6	1550	91.9	1310	77.7	1313	77.9	816	780	95.6	750	91.9	870	831	95.5	800	92.0	
Gwynedd LA	1352	1299	96.1	1276	94.4	1190	88.0	1188	87.9	675	654	96.9	642	95.1	677	645	95.3	634	93.6	
Wrexham LA	1569	1509	96.2	1472	93.8	1241	79.1	1249	79.6	774	748	96.6	733	94.7	795	761	95.7	739	93.0	
Health Board Total	7693	7336	95.4	7134	92.7	6294	81.8	6309	82.0	3765	3591	95.4	3487	92.6	3928	3745	95.3	3647	92.8	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	4181	3903	93.4	3665	87.7	3219	77.0	3220	77.0	2002	1866	93.2	1745	87.2	2179	2037	93.5	1920	88.1	
Vale of Glamorgan LA	1514	1443	95.3	1384	91.4	1286	84.9	1285	84.9	753	721	95.8	694	92.2	761	722	94.9	690	90.7	
Health Board Total	5695	5346	93.9	5049	88.7	4505	79.1	4505	79.1	2755	2587	93.9	2439	88.5	2940	2759	93.8	2610	88.8	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	1628	1541	94.7	1472	90.4	1475	90.6	1478	90.8	785	745	94.9	714	91.0	842	795	94.4	757	89.9	
Merthyr Tydfil LA	705	668	94.8	644	91.3	635	90.1	635	90.1	323	306	94.7	291	90.1	382	362	94.8	353	92.4	
Rhondda Cynon Taf LA	2880	2764	96.0	2677	93.0	2623	91.1	2633	91.4	1410	1359	96.4	1323	93.8	1469	1405	95.6	1354	92.2	
Health Board Total	5213	4973	95.4	4793	91.9	4733	90.8	4746	91.0	2518	2410	95.7	2328	92.5	2693	2562	95.1	2464	91.5	
<u>Hywel Dda University HB</u>																				
Carmarthenshire LA	2141	1984	92.7	1930	90.1	1832	85.6	1838	85.8	1020	953	93.4	925	90.7	1121	1031	92.0	1005	89.7	
Ceredigion LA	613	578	94.3	560	91.4	537	87.6	534	87.1	307	286	93.2	279	90.9	306	292	95.4	281	91.8	
Pembrokeshire LA	1373	1294	94.2	1235	89.9	990	72.1	987	71.9	616	587	95.3	562	91.2	757	707	93.4	673	88.9	
Health Board Total	4127	3856	93.4	3725	90.3	3359	81.4	3359	81.4	1943	1826	94.0	1766	90.9	2184	2030	92.9	1959	89.7	
<u>Powys Teaching HB</u>																				
Health Board Total	1372	1257	91.6	1198	87.3	1151	83.9	1164	84.8	678	623	91.9	592	87.3	693	634	91.5	606	87.4	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	1647	1582	96.1	1530	92.9	1462	88.8	1467	89.1	816	792	97.1	767	94.0	831	790	95.1	763	91.8	
Swansea LA	2656	2505	94.3	2394	90.1	2370	89.2	2383	89.7	1256	1185	94.3	1138	90.6	1400	1320	94.3	1256	89.7	
Health Board Total	4303	4087	95.0	3924	91.2	3832	89.1	3850	89.5	2072	1977	95.4	1905	91.9	2231	2110	94.6	2019	90.5	
Unknown	80	71	88.8	67	83.8	65	81.3	65	81.3	38	36	94.7	35	92.1	42	35	83.3	32	76.2	
Wales Total	35586	33711	94.7	32429	91.1	29669	83.4	29734	83.6	17264	16422	95.1	15812	91.6	18318	17288	94.4	16616	90.7	

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

Table 14. MMR, Td/IPV and MenACWY vaccine uptake in children reaching their 16th birthday between 01/07/22 and 30/09/22 and resident on 30/09/22, 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	195	188	96.4	184	94.4	167	85.6	167	85.6	103	100	97.1	99	96.1	92	88	95.7	85	92.4
Caerphilly LA	595	580	97.5	567	95.3	491	82.5	492	82.7	291	290	99.7	284	97.6	304	290	95.4	283	93.1
Monmouthshire LA	313	293	93.6	283	90.4	250	79.9	250	79.9	151	145	96.0	141	93.4	162	148	91.4	142	87.7
Newport LA	486	461	94.9	444	91.4	361	74.3	360	74.1	264	253	95.8	244	92.4	222	208	93.7	200	90.1
Torfaen LA	272	266	97.8	257	94.5	221	81.3	223	82.0	136	131	96.3	128	94.1	136	135	99.3	129	94.9
Health Board Total	1861	1788	96.1	1735	93.2	1490	80.1	1492	80.2	945	919	97.2	896	94.8	916	869	94.9	839	91.6
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	158	152	96.2	149	94.3	128	81.0	127	80.4	77	73	94.8	71	92.2	81	79	97.5	78	96.3
Conwy LA	363	348	95.9	339	93.4	304	83.7	305	84.0	179	171	95.5	168	93.9	184	177	96.2	171	92.9
Denbighshire LA	282	266	94.3	259	91.8	216	76.6	220	78.0	142	134	94.4	129	90.8	140	132	94.3	130	92.9
Flintshire LA	452	432	95.6	424	93.8	362	80.1	361	79.9	224	215	96.0	211	94.2	228	217	95.2	213	93.4
Gwynedd LA	379	359	94.7	351	92.6	326	86.0	325	85.8	187	181	96.8	177	94.7	192	178	92.7	174	90.6
Wrexham LA	404	389	96.3	384	95.0	319	79.0	319	79.0	198	193	97.5	190	96.0	206	196	95.1	194	94.2
Health Board Total	2038	1946	95.5	1906	93.5	1655	81.2	1657	81.3	1007	967	96.0	946	93.9	1031	979	95.0	960	93.1
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	1072	997	93.0	940	87.7	815	76.0	819	76.4	516	490	95.0	461	89.3	556	507	91.2	479	86.2
Vale of Glamorgan LA	424	407	96.0	389	91.7	350	82.5	350	82.5	209	200	95.7	190	90.9	215	207	96.3	199	92.6
Health Board Total	1496	1404	93.9	1329	88.8	1165	77.9	1169	78.1	725	690	95.2	651	89.8	771	714	92.6	678	87.9
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	443	425	95.9	408	92.1	395	89.2	398	89.8	216	206	95.4	198	91.7	226	218	96.5	209	92.5
Merthyr Tydfil LA	202	190	94.1	177	87.6	181	89.6	181	89.6	88	83	94.3	78	88.6	114	107	93.9	99	86.8
Rhondda Cynon Taf LA	761	731	96.1	710	93.3	706	92.8	706	92.8	372	361	97.0	352	94.6	389	370	95.1	358	92.0
Health Board Total	1406	1346	95.7	1295	92.1	1282	91.2	1285	91.4	676	650	96.2	628	92.9	729	695	95.3	666	91.4
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	556	522	93.9	498	89.6	483	86.9	483	86.9	274	254	92.7	242	88.3	282	268	95.0	256	90.8
Ceredigion LA	158	144	91.1	142	89.9	137	86.7	136	86.1	80	72	90.0	72	90.0	78	72	92.3	70	89.7
Pembrokeshire LA	343	322	93.9	304	88.6	263	76.7	263	76.7	160	152	95.0	145	90.6	183	170	92.9	159	86.9
Health Board Total	1057	988	93.5	944	89.3	883	83.5	882	83.4	514	478	93.0	459	89.3	543	510	93.9	485	89.3
<u>Powys Teaching HB</u>																			
Health Board Total	362	336	92.8	326	90.1	305	84.3	307	84.8	175	163	93.1	161	92.0	187	173	92.5	165	88.2
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	441	424	96.1	407	92.3	404	91.6	406	92.1	229	220	96.1	209	91.3	212	204	96.2	198	93.4
Swansea LA	696	663	95.3	636	91.4	630	90.5	633	90.9	335	320	95.5	303	90.4	361	343	95.0	333	92.2
Health Board Total	1137	1087	95.6	1043	91.7	1034	90.9	1039	91.4	564	540	95.7	512	90.8	573	547	95.5	531	92.7
Unknown	25	20	80.0	19	76.0	16	64.0	16	64.0	13	12	92.3	11	84.6	12	8	66.7	8	66.7
Wales Total	9382	8915	95.0	8597	91.6	7830	83.5	7847	83.6	4619	4419	95.7	4264	92.3	4762	4495	94.4	4332	91.0

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

Table 15. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/07/22 and 30/09/22 and resident on 30/09/22.¹

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	180	3	1.7	192	6	3.1	208	3	1.4	195	4	2.1
Caerphilly LA	445	16	3.6	424	17	4.0	518	7	1.4	595	9	1.5
Monmouthshire LA	186	3	1.6	202	8	4.0	229	7	3.1	313	9	2.9
Newport LA	461	75	16.3	501	68	13.6	549	83	15.1	486	53	10.9
Torfaen LA	230	10	4.3	246	7	2.8	255	13	5.1	272	7	2.6
Health Board Total	1502	107	7.1	1565	106	6.8	1759	113	6.4	1861	82	4.4
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	157	2	1.3	165	2	1.2	179	6	3.4	158	5	3.2
Conwy LA	257	10	3.9	257	7	2.7	274	14	5.1	363	27	7.4
Denbighshire LA	242	8	3.3	223	12	5.4	260	9	3.5	282	10	3.5
Flintshire LA	364	20	5.5	393	31	7.9	420	18	4.3	452	21	4.6
Gwynedd LA	278	7	2.5	268	7	2.6	315	7	2.2	379	13	3.4
Wrexham LA	322	11	3.4	325	22	6.8	395	35	8.9	404	25	6.2
Health Board Total	1620	58	3.6	1631	81	5.0	1843	89	4.8	2038	101	5.0
<u>Cardiff and Vale University HB</u>												
Cardiff LA	985	216	21.9	918	244	26.6	1085	235	21.7	1072	205	19.1
Vale of Glamorgan LA	304	11	3.6	336	14	4.2	391	20	5.1	424	21	5.0
Health Board Total	1289	227	17.6	1254	258	20.6	1476	255	17.3	1496	226	15.1
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	346	8	2.3	376	10	2.7	409	23	5.6	443	13	2.9
Merthyr Tydfil LA	146	8	5.5	137	10	7.3	197	10	5.1	202	2	1.0
Rhondda Cynon Taf LA	583	16	2.7	638	25	3.9	698	33	4.7	761	28	3.7
Health Board Total	1075	32	3.0	1151	45	3.9	1304	66	5.1	1406	43	3.1
<u>Hywel Dda University HB</u>												
Cardmarthenshire LA	407	9	2.2	462	10	2.2	508	18	3.5	556	25	4.5
Ceredigion LA	165	7	4.2	128	5	3.9	157	10	6.4	158	10	6.3
Pembrokeshire LA	297	5	1.7	256	3	1.2	335	9	2.7	343	4	1.2
Health Board Total	869	21	2.4	846	18	2.1	1000	37	3.7	1057	39	3.7
<u>Powys Teaching Health Board</u>												
Health Board Total	272	4	1.5	251	4	1.6	335	6	1.8	362	14	3.9
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	309	6	1.9	335	10	3.0	399	16	4.0	441	9	2.0
Swansea LA	540	62	11.5	544	63	11.6	664	85	12.8	696	59	8.5
Health Board Total	849	68	8.0	879	73	8.3	1063	101	9.5	1137	68	6.0
Unknown	0	0	0.0	34	5	14.7	20	1	5.0	25	2	8.0
Wales Total	7532	519	6.9	7611	590	7.8	8800	668	7.6	9382	575	6.1

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

Table 16. Uptake of hepatitis B immunisation in children, reaching their 1st, 2nd, and 5th birthdays during between 01/07/22 and 30/09/22 and resident on 30/09/22, 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	1502	2	100.0	100.0	100.0	1565	2	100.0	100.0	100.0	100.0	1759	0	-	-	-	-
Betsi Cadwaladr UHB	1620	1	100.0	100.0	100.0	1631	2	100.0	100.0	100.0	100.0	1843	2	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1289	0	-	-	-	1254	3	100.0	100.0	100.0	33.3	1476	7	100.0	85.7	85.7	57.1
Cwm Taf Morgannwg UHB	1075	0	-	-	-	1151	2	100.0	100.0	100.0	100.0	1304	3	100.0	100.0	100.0	100.0
Hywel Dda UHB	869	0	-	-	-	846	0	-	-	-	-	1000	1	100.0	100.0	100.0	100.0
Powys Teaching HB	272	0	-	-	-	251	0	-	-	-	-	335	0	-	-	-	-
Swansea Bay UHB	849	3	100.0	100.0	100.0	879	0	-	-	-	-	1063	1	100.0	100.0	100.0	100.0
Unknown	56	0	-	-	-	34	0	-	-	-	-	20	0	-	-	-	-
Wales Total	7532	6	100.0	100.0	100.0	7611	9	100.0	100.0	100.0	77.8	8800	14	100.0	92.9	92.9	78.6

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.