

Vaccine Uptake in Children in Wales

January to March 2023

COVER 146: Wales May 2023

Key points

- For children at one year of age, uptake of the “6 in 1” and two doses of MenB was below 95%. Uptake of pneumococcal conjugate vaccination (PCV) was 96.4%. Uptake of two doses of Rotavirus vaccine was 92.4%.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 92.5% this quarter. One HB and five LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 93.4% this quarter. One HB and five 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 85.4% this quarter and was 88.3% in five year olds.
- School based vaccination sessions for teenagers are ongoing for the 2022-23 academic year. Uptake of one dose of HPV vaccine in 2022-23 school year 8 children is currently 12.3%. The uptake will increase over the next two quarters as more immunisation sessions take place.
- Coverage of the first dose of HPV vaccine in 2022-23 school year 9 (13-14 year olds) is currently 69.1%. Coverage of the second dose of HPV vaccine in 2022-23 school year 10 (14-15 year olds) is currently 70.8%. These teenagers would have been vaccinated as part of school campaigns in the 2021-22 academic year.
- Uptake of routine MenACWY vaccine in the 2022-23 school year 9 cohort is currently 36.0%. Coverage of the MenACWY vaccine in the 2022-23 school year 10 cohort is 73.9%.
- Uptake of the Td/IPV teenage booster in the 2022-23 school year 9 cohort was 36.3%. Coverage of the Td/IPV teenage booster in the 2022-23 school year 10 is 73.8%.
- Coverage of one dose of MMR vaccine in the 2022-23 school year 10 (age 14-15 years) was 95.0%, coverage of two doses was 92.0%.
- Coverage of one dose of MMR vaccine in the 2022-23 school year 11 (age 15-16 years) was 94.9%, coverage of two doses is 91.6%.

Background

These results are for children living in Wales in March 2023 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/01/2023 to 31/03/2023. Uptake of key immunisations in older children, which are mainly provided through school based programmes in all areas other than Cardiff and Vale University Health Board, are presented in school year cohorts (children reaching their 14th, 15th and 16th birthdays between 01/09/2022 and 31/08/2023). BCG immunisation uptake data are also presented here for children vaccinated selectively following risk assessment. Coverage of neonatal hepatitis B immunisation in infants at risk is also presented, using data from the Public Health Wales Neonatal Hepatitis B database.

Findings

1. Uptake of all three doses of the combined “6 in 1” DTaP/IPV/Hib/HepB¹ vaccine, scheduled at two, three and four months of age, in children reaching their first birthday was 94.7% this quarter, compared to 94.6% last quarter. Uptake ranged by HB from 93.0% (Cardiff and Vale and Hywel Dda) to 97.8% (Cwm Taf Morgannwg) and by LA from 91.5% (Conwy) to 98.8% (Merthyr Tydfil). Three of the seven HBs and eleven 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 slightly to 96.4% this quarter, compared to 96.1% last quarter. This is the ninth quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 93.9% (Ceredigion) to 99.1% (Rhondda Cynon Taf). All of the seven HBs and 19 of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 3).
3. Uptake of two doses of MenB vaccine, scheduled at two and four months of age, in children reaching their first birthday was 94.3% this quarter. Uptake in HBs ranged from 92.2% (Cardiff and Vale) to 97.8% (Cwm Taf Morgannwg) and ranged by LA from 91.5% (Conwy) to 98.8% (Merthyr Tydfil) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 92.4% this quarter, compared to 91.9% last quarter. Uptake in HBs ranged from 89.4% (Cardiff and Vale) to 95.8% (Cwm Taf Morgannwg) and ranged by LA from 87.9% (Cardiff) to 96.1% (Bridgend) (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 93.4% this quarter. Uptake ranged by HB from 90.4% (Cardiff and Vale) to 95.0% (Cwm Taf Morgannwg) and by LA area from 89.6% (Vale of Glamorgan) to 97.8% (Caerphilly). One HB and five 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 increased this quarter to 92.5% compared to 92.3% last quarter. Uptake ranged by HB from 88.7% (Cardiff and Vale) to 95.0% (Cwm Taf Morgannwg) and by LA from 88.3% (Vale of Glamorgan) to 96.7% (Caerphilly). One of the seven HBs and five of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 4).
7. Uptake of the final dose of Pneumococcal Conjugate Vaccine (PCVf, scheduled at 12 to 13 months of age) in children reaching their second birthday was 92.9%. Uptake ranged by HB from 89.6% (Cardiff and Vale) to 94.9% (Cwm Taf Morgannwg) and ranged by LA from 89.8% (Cardiff) to 96.5% (Caerphilly). Six LA areas achieved an uptake of 95% or over, no HB did (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 increased to 92.9% this quarter compared to 92.6% last quarter. Uptake ranged by HB from 90.3% (Cardiff and Vale) to 94.8% (Cwm Taf Morgannwg) and ranged by LA from 89.3% (Vale of Glamorgan) to 97.0% (Caerphilly). No HBs and five LA areas achieved uptakes in excess of 95% (Figures 1, 2 and 3, Tables 2 and 4).
9. In children reaching four years of age this quarter (Table 5), uptake of:
 - The “4 in 1” DTaP/IPV³ pre-school booster was 86.9%
 - The Hib/MenC booster was 94.0%
 - Two doses of MMR was 86.6%

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

² MMR protects against measles, mumps and rubella infections.

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

The proportion of children who were up to date with all these routine immunisations at four years of age was 85.4%. This ranged by HB from 81.3% (Cardiff and Vale) to 94.9% (Powys) and by LA from 77.7% (Newport) to 91.9% (Anglesey) (Figures 4 and 5, Tables 1, 2 and 5).

10. The proportion of children who were up to date with routine immunisations by their fifth birthday was 88.3%, compared to 88.8% last quarter. This ranged by HB from 84.8% (Cardiff and Vale) to 90.9% (Betsi Cadwaladr) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 95.8%. Coverage of two doses of MMR was 89.4%. Coverage of two doses of MMR ranged by HB from 86.4% (Cardiff and Vale) to 91.7% (Betsi Cadwaladr) and by LA from 85.3% (Cardiff and Vale) to 94.7% (Gwynedd) (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 89.9% this quarter compared to 90.7% last quarter, ranging by HB from 86.9% (Cardiff and Vale) to 92.3% (Betsi Cadwaladr) and by LA from 86.1% (Cardiff) to 95.7% (Gwynedd). 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 2022-23 school year 8 cohort (turning 13 years of age during 01/09/22 to 31/08/23) is currently 12.3%. This is the fourth school cohort to include boys eligible for the HPV vaccine (Table 8a) [2]. Vaccination sessions for the 2022-23 school year have recently started and timings of school vaccination sessions vary throughout the year.
14. Coverage of the first dose of HPV vaccine in the 2022-23 school year 9 cohort is currently 69.1% (72.8% in girls and 65.6% in boys) and uptake of the second dose in this age group is currently 11.1% (11.4% in girls and 10.9% in boys) (Table 8b).
15. Coverage of a complete two dose course of HPV vaccine in the 2022-23 school year 10 cohort (reaching their 15th birthday during 01/09/22 to 31/08/23) is currently 70.8% (Table 9). This is the second school cohort to include boys eligible for the HPV vaccine. Uptake in this cohort would have been affected by paused vaccination sessions in schools following COVID-19 measures.
16. Uptake of the MenACWY vaccine in the 2022-23 routine school year 9 cohort is currently 36.0% (Table 10 and 11). Coverage in the 2022-23 school years 10, 11 and 12, is currently 73.9%, 82.4% and 83.3% respectively (Table 10).
17. Uptake of the Td/IPV⁴ teenage booster in the 2022-23 school year 9 (children reaching 14 years of age) is currently 36.3%. Coverage of two doses of MMR in this year group is currently 92.0% and coverage of one dose is 95.0%. Coverage of two doses of MMR vaccine ranged by HB from 88.3% (Powys) to 94.1% (Cwm Taf Morgannwg). Coverage of a full course of immunisation against rubella (two doses of MMR) in 14 year old girls in this school year group was 92.1% (Table 11).
18. Coverage of the Td/IPV teenage booster in the 2022-23 school year 10 (children reaching 15 years of age) is currently 73.8%. Coverage ranged by HB from 63.9% (Aneurin Bevan) to 84.8% (Swansea Bay). Coverage of two doses of MMR in this year group was 92.0% and coverage of one dose was 95.0%. Coverage of two doses of MMR vaccine ranged by HB from 90.0% (Hywel Dda) to 94.3% (Cwm Taf Morgannwg). Coverage of a full course of immunisation against rubella (two doses of MMR) in 15 year old girls in this school year group was 92.4% (Table 12).
19. Coverage of the Td/IPV teenage booster in the 2022-23 school year 11 (children reaching 16 years of age) is currently 82.3%. Coverage ranged by HB from 75.3% (Cardiff and Vale) to 89.5% (Swansea Bay). Coverage of two doses of MMR in this year group was 91.6% and coverage of one dose was 94.9%. Coverage of two doses of MMR vaccine ranged by HB from 89.0% (Hywel Dda) to 93.5% (Cwm Taf Morgannwg). Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls in this school year group was 92.1% (Table 13).

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

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

- 20.** Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st January 2023 and 31st March 2023) was 91.4%, whilst coverage of one dose of MMR was 94.7%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls was 92.1%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 82.0% (Figures 1, 2 and 3, Tables 2 and 14).
- 21.** Uptake of BCG immunisation is presented in Table 15. These data are based on BCG immunisations recorded in the National Community Child Health Database. BCG immunisation has been received by 8.5%, 7.6%, 8.4% and 6.8% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter one of 2023. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (26.5%), two years of age (22.2%), five years of age (22.8%) and sixteen years of age (22.7%).
- 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 75.0% and uptake of four doses at their fifth birthday was 87.5%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

Comment

For the January to March 2023 quarter, uptake of immunisations in infants remained broadly stable. Uptake of the complete three-dose course of “6 in 1” and two doses of MenB vaccine by the first birthday remain slightly below 95%. Uptake of PCV in infants remained above 95%.

Uptake of vaccinations reported on at two years also remained stable. Coverage of one dose of MMR at two years increased slightly to 93.4% compared to 93.0% in the previous quarter.

The proportion of children who were up to date with their routine immunisations by four years increased this quarter. Uptake of two doses of MMR vaccine remains the lowest of all vaccinations included in this composite measure. The proportion of children who were up to date with their routine immunisations by five years decreased slightly. There is wide variation in uptake between health board areas.

Although there were improvements in coverage of those immunisations due in 2021-22 School Year 9. Uptake of Td/IPV, MenACWY and HPV vaccination in this cohort remains lower than previous years. Catch-up should continue to be encouraged throughout the 2022-23 school year. Of all the teenage vaccines, uptake of the HPV vaccine appears to be the most impacted by school interruptions during the pandemic. Uptake of the second dose in 2021-22 school year 9 children is currently 70.8%. MMR coverage in teenagers remains stable, although fewer catch-up doses were given in schools during the 2020-21 and 2021-22 academic years compared to previously [3].

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

There has been an increase in cases of measles reported in England during the first quarter of 2023 [7]. **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

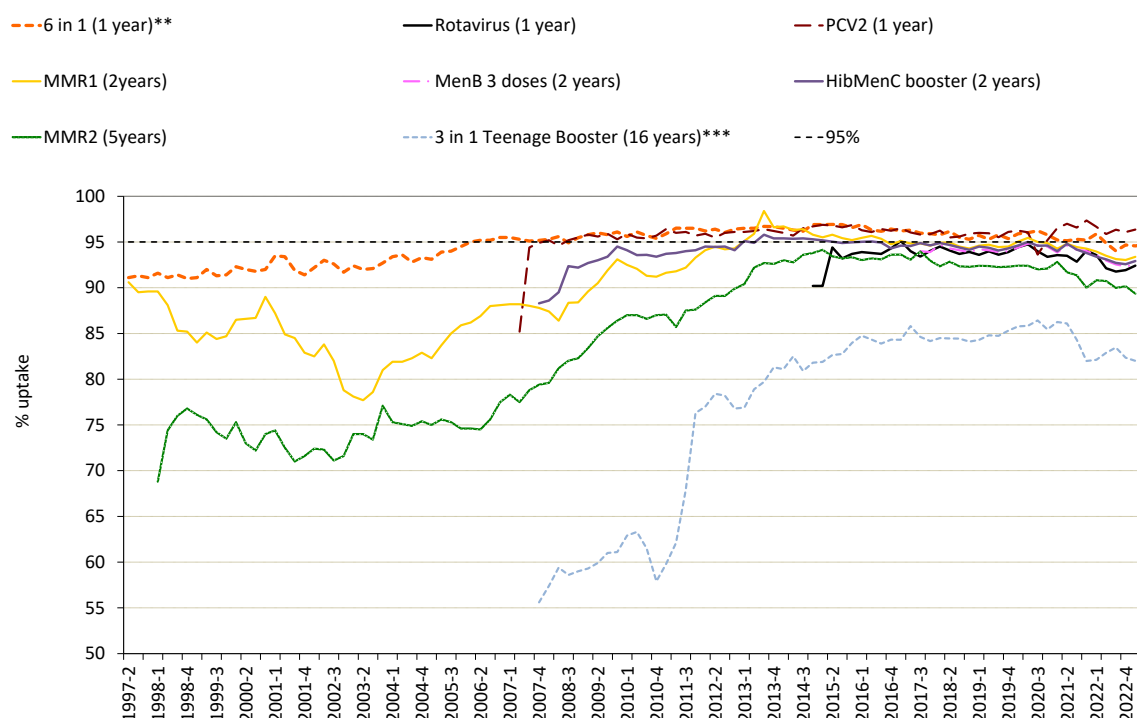
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
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7. [UK Health Security Agency. Research and analysis: HPR volume 17 issue 5: news \(4 May 2023\), May 2023.](#) Available from: <https://www.gov.uk/government/publications/health-protection-report-volume-17-2023/hpr-volume-17-issue-5-news-4-may-2023>

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.

Suggested citation for this report: Public Health Wales Health Protection Division. Vaccine uptake in Children in Wales, January to March 2023: COVER report 146, May 2023. Cardiff, Public Health Wales. For further information on this report please contact: surveillance.requests@wales.nhs.uk

Figure 1. Percentage uptake of childhood immunisations in Wales, quarter 2 1997 to quarter 1 2023*.

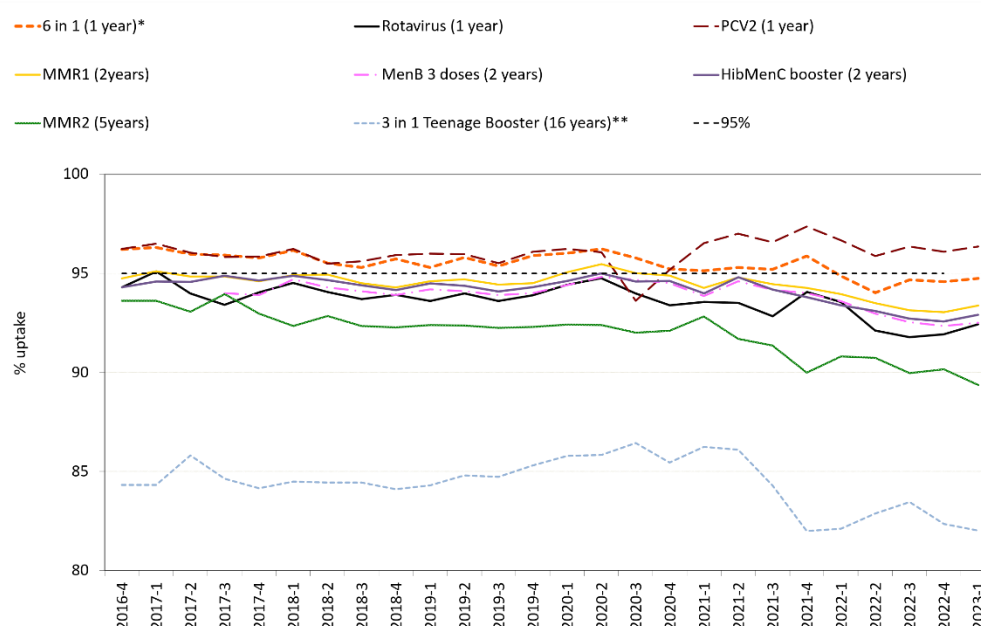


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**Uptake of pertussis used as a proxy.

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

Figure 2. Percentage uptake of childhood immunisations in Wales, quarter 4 2016 to quarter 1 2023***



* Uptake of pertussis used as proxy.

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

***Uptake data for MMR2 at 5 years and the "3 in 1" teenage booster at 16 years from 2015 Q1 to 2018 Q3 are based on estimates calculated in February 2019, rather than published data. This is due to improvements in data quality made during early 2019.

Figure 3. Summary of uptake rates for selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/01/23 and 31/03/23 and resident on 31/03/23.

All Wales Summary - COVER 146



Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/01/23 and 31/03/23 and are up to date with all scheduled vaccines⁷ by health board.

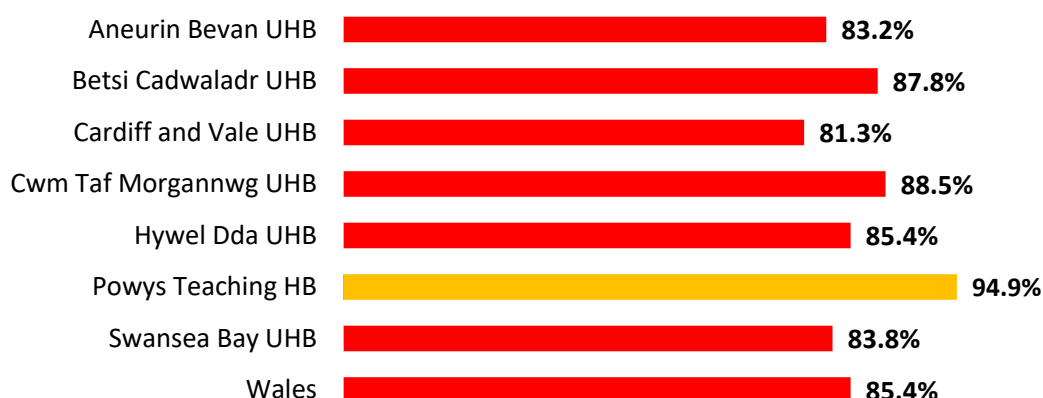


Table 1. Percentages of resident children reaching their 4th birthday during quarter 4 2021 to quarter 1 2023 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2021-4	2022-1	2022-2	2022-3	2022-4	2023-1
Aneurin Bevan UHB	86.8	86.4	85.5	84.0	84.1	83.2
Betsi Cadwaladr UHB	90.1	87.8	86.9	86.6	87.2	87.8
Cardiff and Vale UHB	85.3	83.5	82.4	80.2	81.8	81.3
Cwm Taf Morgannwg UHB	90.0	87.1	86.6	86.4	87.4	88.5
Hywel Dda UHB	88.3	85.2	84.7	83.1	83.6	85.4
Powys Teaching HB	87.4	90.9	89.1	89.3	90.7	94.9
Swansea Bay UHB	86.6	86.2	86.4	85.0	81.8	83.8
Wales	87.9	86.2	85.6	84.5	84.7	85.4

⁷Completed "4 in 1" preschool booster, the Hib/MenC booster and second MMR dose by four years of age.

Figure 5. Trends in the percentages of children reaching their 4th birthday during quarter 1 2015 to quarter 1 2023, who are up to date with all scheduled vaccines⁷, by health board.

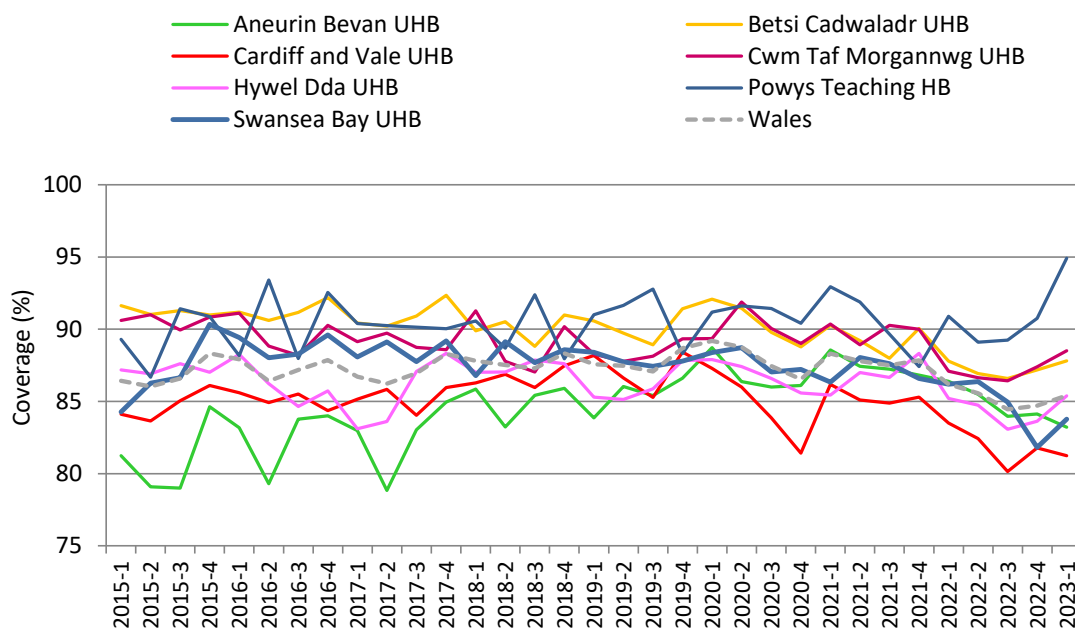


Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/01/23 and 31/03/23.

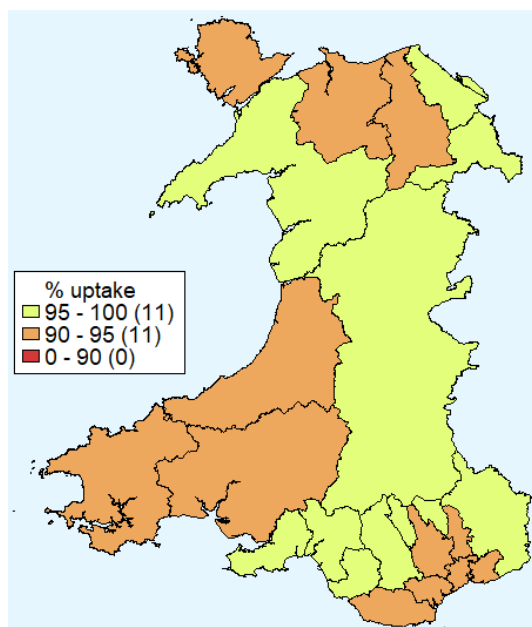


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/01/23 and 31/03/23.

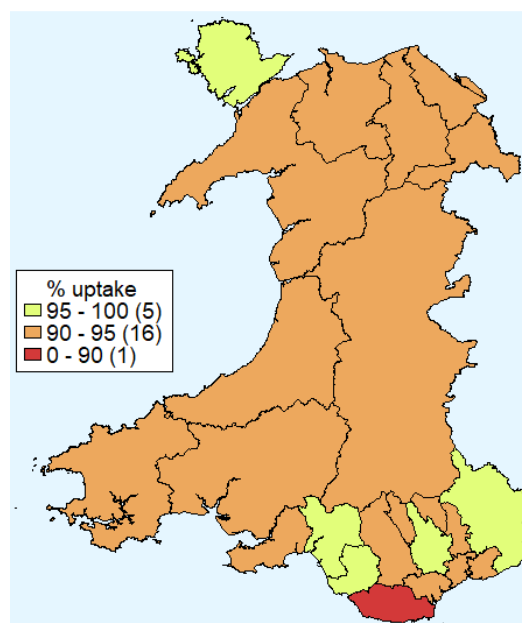


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/01/23 and 31/03/23.

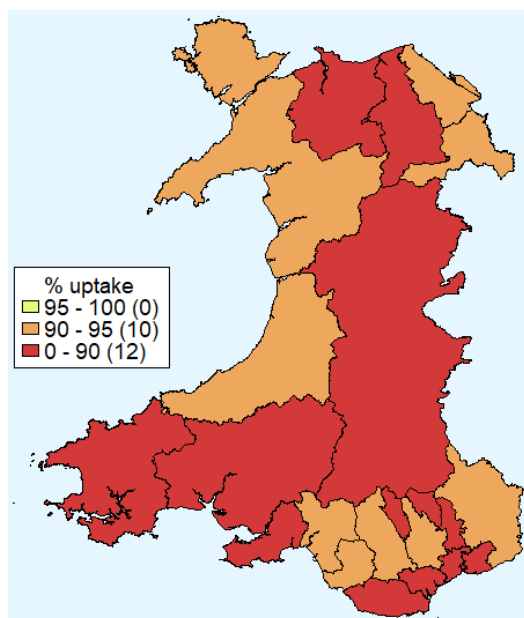


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/01/23 and 31/03/23.

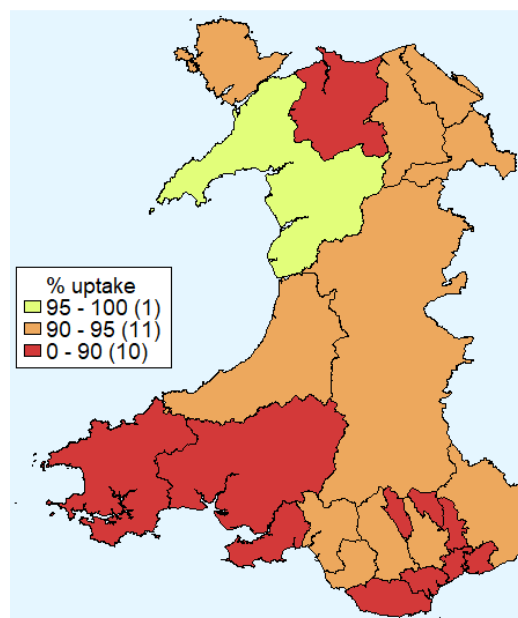


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/01/23 and 31/03/23 and resident on 31/03/23.

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	174	96.6	94.8	97.1	89.7	149	94.6	93.3	94.6	94.0	172	85.5	185	89.7	89.7	164	97.0	95.1	80.5	81.1
Caerphilly LA	437	93.4	94.3	97.0	91.5	369	97.8	96.5	96.7	97.0	451	87.4	480	93.8	93.8	490	97.6	94.1	77.8	78.0
Monmouthshire LA	175	95.4	95.4	96.0	92.0	201	96.5	96.0	96.0	95.5	171	89.5	220	92.3	90.9	273	90.8	88.3	78.0	78.4
Newport LA	493	93.5	93.1	95.5	90.1	443	91.6	91.0	90.5	89.8	489	77.7	503	85.7	86.7	493	94.7	90.3	74.4	74.4
Torfaen LA	223	94.2	94.6	97.3	91.0	212	93.4	92.9	92.9	92.9	236	80.5	234	88.0	88.5	253	98.8	94.9	76.7	77.1
Health Board Total	1502	94.1	94.1	96.5	90.8	1374	94.6	93.7	93.8	93.5	1519	83.2	1622	89.8	90.0	1673	95.8	92.2	76.9	77.2
Betsi Cadwaladr UHB																				
Anglesey LA	138	94.9	94.2	94.9	89.9	139	95.0	95.7	95.7	95.0	149	91.9	191	94.2	94.8	202	95.0	92.1	81.2	82.2
Conwy LA	223	91.5	91.5	95.5	92.8	213	91.5	92.0	91.5	92.5	263	82.1	248	89.5	89.5	280	92.1	90.4	76.8	75.4
Denbighshire LA	242	93.8	93.8	95.0	91.3	230	91.7	91.3	89.1	91.3	248	86.3	266	89.8	91.4	270	92.6	90.7	74.8	74.4
Flintshire LA	354	96.0	95.2	97.5	94.9	366	92.6	92.6	92.3	92.6	326	88.3	374	91.2	91.7	430	94.4	92.8	82.6	81.4
Gwynedd LA	257	96.5	95.3	97.3	95.3	254	93.7	92.5	92.1	92.9	224	91.1	302	94.7	95.7	308	95.5	93.2	83.8	84.1
Wrexham LA	288	95.1	95.5	96.5	92.4	303	93.7	94.1	94.1	94.1	333	88.9	346	91.0	91.3	387	96.1	93.5	79.1	79.1
Health Board Total	1502	94.8	94.4	96.3	93.1	1505	93.0	92.9	92.4	93.0	1543	87.8	1727	91.7	92.3	1877	94.4	92.3	79.9	79.5
Cardiff and Vale UHB																				
Cardiff LA	901	92.6	91.7	94.2	87.9	883	90.7	89.8	88.8	90.6	928	80.0	986	85.3	86.1	1027	93.8	88.3	75.1	75.3
Vale of Glamorgan LA	322	94.4	93.5	97.2	93.5	299	89.6	89.0	88.3	89.3	336	84.8	359	89.4	89.1	398	95.2	91.2	80.9	81.9
Health Board Total	1223	93.0	92.2	95.0	89.4	1182	90.4	89.6	88.7	90.3	1264	81.3	1345	86.4	86.9	1425	94.2	89.1	76.7	77.1
Cwm Taf Morgannwg UHB																				
Bridgend LA	333	97.3	97.6	98.2	96.1	313	95.8	95.8	96.2	95.2	384	91.1	393	90.6	91.6	418	96.4	91.6	89.0	89.0
Merthyr Tydfil LA	162	98.8	98.8	98.8	95.7	151	94.0	94.7	94.0	94.7	173	82.1	175	85.1	86.3	178	96.6	93.8	85.4	85.4
Rhondda Cynon Taf LA	558	97.8	97.7	99.1	95.7	541	94.8	94.5	94.6	94.6	627	88.7	622	91.5	92.3	667	96.9	94.8	88.6	88.6
Health Board Total	1053	97.8	97.8	98.8	95.8	1005	95.0	94.9	95.0	94.8	1184	88.5	1190	90.3	91.2	1263	96.7	93.6	88.3	88.3
Hywel Dda UHB																				
Cardiganshire LA	382	93.2	93.2	95.0	91.1	372	91.7	91.1	90.9	90.9	425	84.9	489	86.9	86.7	553	92.9	90.6	85.5	85.5
Ceredigion LA	114	93.0	92.1	93.9	91.2	130	94.6	95.4	93.8	96.2	149	86.6	153	92.8	93.5	177	92.7	90.4	87.6	87.6
Pembrokeshire LA	233	92.7	91.8	96.6	94.0	220	93.2	92.7	93.2	92.7	302	85.4	302	89.1	89.7	337	91.4	87.2	84.3	84.9
Health Board Total	729	93.0	92.6	95.3	92.0	722	92.7	92.4	92.1	92.4	876	85.4	944	88.6	88.8	1067	92.4	89.5	85.5	85.7
Powys Teaching UHB																				
Health Board Total	261	95.8	95.4	95.8	92.3	262	94.7	94.7	92.7	93.5	275	94.9	278	89.6	92.1	317	90.9	87.7	86.8	84.5
Swansea Bay UHB																				
Neath Port Talbot LA	348	95.1	95.1	96.3	94.8	315	95.6	95.2	95.2	94.9	343	87.5	385	90.4	91.2	394	97.5	94.2	87.1	86.8
Swansea LA	527	95.6	93.5	96.2	94.1	478	93.9	93.1	92.3	92.7	575	81.6	625	87.2	87.7	655	94.5	91.3	90.5	90.2
Health Board Total	875	95.4	94.2	96.2	94.4	793	94.6	93.9	93.4	93.6	918	83.8	1010	88.4	89.0	1049	95.6	92.4	89.2	88.9
Unknown	3	100.0	100.0	100.0	100.0	4	100.0	100.0	100.0	100.0	4	100.0	3	66.7	66.7	7	71.4	71.4	57.1	57.1
Wales Total	7148	94.7	94.3	96.4	92.4	6847	93.4	92.9	92.5	92.9	7583	85.4	8119	89.4	89.9	8678	94.7	91.4	82.1	82.0

¹ Uptake of pertussis used as proxy.

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

³ Children receiving the final dose of PCV

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

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

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

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

Table 3. Vaccine uptake in children reaching their 1st birthday between 01/01/23 and 31/03/23 and resident on 31/03/23.

Area	Resident children	D3		T3		P3		Po3		Hib3		HepB		MMR1		Rotavirus		PCV ¹		Men B ²		HibMenC	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Aneurin Bevan University HB																							
Blaenau Gwent LA	174	168	96.6	168	96.6	168	96.6	168	96.6	168	96.6	168	96.6	0	0.0	156	89.7	169	97.1	165	94.8	0	0.0
Caerphilly LA	437	408	93.4	408	93.4	408	93.4	408	93.4	408	93.4	408	93.4	0	0.0	400	91.5	424	97.0	412	94.3	0	0.0
Monmouthshire LA	175	167	95.4	167	95.4	167	95.4	167	95.4	167	95.4	167	95.4	1	0.6	161	92.0	168	96.0	167	95.4	1	0.6
Newport LA	493	461	93.5	461	93.5	461	93.5	461	93.5	461	93.5	461	93.5	3	0.6	444	90.1	471	95.5	459	93.1	2	0.4
Torfaen LA	223	210	94.2	210	94.2	210	94.2	210	94.2	210	94.2	210	94.2	0	0.0	203	91.0	217	97.3	211	94.6	0	0.0
Health Board Total	1502	1414	94.1	1414	94.1	1414	94.1	1414	94.1	1414	94.1	1414	94.1	4	0.3	1364	90.8	1449	96.5	1414	94.1	3	0.2
Betsi Cadwaladr University HB																							
Anglesey LA	138	131	94.9	131	94.9	131	94.9	131	94.9	131	94.9	131	94.9	0	0.0	124	89.9	131	94.9	130	94.2	0	0.0
Conwy LA	223	204	91.5	204	91.5	204	91.5	204	91.5	204	91.5	204	91.5	0	0.0	207	92.8	213	95.5	204	91.5	0	0.0
Denbighshire LA	242	227	93.8	227	93.8	227	93.8	227	93.8	227	93.8	227	93.8	1	0.4	221	91.3	230	95.0	227	93.8	1	0.4
Flintshire LA	354	340	96.0	340	96.0	340	96.0	340	96.0	340	96.0	340	96.0	0	0.0	336	94.9	345	97.5	337	95.2	0	0.0
Gwynedd LA	257	248	96.5	248	96.5	248	96.5	248	96.5	248	96.5	248	96.5	1	0.4	245	95.3	250	97.3	245	95.3	1	0.4
Wrexham LA	288	274	95.1	274	95.1	274	95.1	274	95.1	274	95.1	274	95.1	1	0.3	266	92.4	278	96.5	275	95.5	1	0.3
Health Board Total	1502	1424	94.8	1424	94.8	1424	94.8	1424	94.8	1424	94.8	1424	94.8	3	0.2	1399	93.1	1447	96.3	1418	94.4	3	0.2
Cardiff and Vale University HB																							
Cardiff LA	901	834	92.6	834	92.6	834	92.6	834	92.6	834	92.6	834	92.6	10	1.1	792	87.9	849	94.2	826	91.7	7	0.8
Vale of Glamorgan LA	322	304	94.4	304	94.4	304	94.4	304	94.4	304	94.4	304	94.4	0	0.0	301	93.5	313	97.2	301	93.5	0	0.0
Health Board Total	1223	1138	93.0	1138	93.0	1138	93.0	1138	93.0	1138	93.0	1138	93.0	10	0.8	1093	89.4	1162	95.0	1127	92.2	7	0.6
Cwm Taf Morgannwg University HB																							
Bridgend LA	333	324	97.3	324	97.3	324	97.3	324	97.3	324	97.3	324	97.3	1	0.3	320	96.1	327	98.2	325	97.6	1	0.3
Merthyr Tydfil LA	162	160	98.8	160	98.8	160	98.8	160	98.8	160	98.8	160	98.8	0	0.0	155	95.7	160	98.8	160	98.8	0	0.0
Rhondda Cynon Taf LA	558	546	97.8	546	97.8	546	97.8	546	97.8	546	97.8	545	97.7	1	0.2	534	95.7	553	99.1	545	97.7	0	0.0
Health Board Total	1053	1030	97.8	1030	97.8	1030	97.8	1030	97.8	1030	97.8	1029	97.7	2	0.2	1009	95.8	1040	98.8	1030	97.8	1	0.1
Hywel Dda University HB																							
Carmarthenshire LA	382	356	93.2	356	93.2	356	93.2	356	93.2	356	93.2	356	93.2	0	0.0	348	91.1	363	95.0	356	93.2	0	0.0
Ceredigion LA	114	106	93.0	106	93.0	106	93.0	106	93.0	106	93.0	106	93.0	0	0.0	104	91.2	107	93.9	105	92.1	0	0.0
Pembrokeshire LA	233	216	92.7	216	92.7	216	92.7	216	92.7	216	92.7	216	92.7	0	0.0	219	94.0	225	96.6	214	91.8	0	0.0
Health Board Total	729	678	93.0	678	93.0	678	93.0	678	93.0	678	93.0	678	93.0	0	0.0	671	92.0	695	95.3	675	92.6	0	0.0
Powys Teaching HB																							
Health Board Total	261	250	95.8	250	95.8	250	95.8	250	95.8	250	95.8	250	95.8	1	0.4	241	92.3	250	95.8	249	95.4	1	0.4
Swansea Bay University HB																							
Neath Port Talbot LA	348	331	95.1	331	95.1	331	95.1	331	95.1	331	95.1	332	95.4	0	0.0	330	94.8	335	96.3	331	95.1	0	0.0
Swansea LA	527	504	95.6	504	95.6	504	95.6	504	95.6	504	95.6	504	95.6	2	0.4	496	94.1	507	96.2	493	93.5	1	0.2
Health Board Total	875	835	95.4	835	95.4	835	95.4	835	95.4	835	95.4	836	95.5	2	0.2	826	94.4	842	96.2	824	94.2	1	0.1
Unknown	3	3	100.0	3	100.0	3	100.0	3	100.0	3	100.0	3	100.0	0	0.0	3	100.0	3	100.0	3	100.0	0	0.0
Wales Total	7148	6772	94.7	6772	94.7	6772	94.7	6772	94.7	6772	94.7	6772	94.7	22	0.3	6606	92.4	6888	96.4	6740	94.3	16	0.2

¹ One dose of pneumococcal conjugate vaccine.

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

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/01/23 and 31/03/23 and resident on 31/03/23.

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)	(%)
<u>Aneurin Bevan University HB</u>													
Blaenau Gwent LA	149	143	96.0	143	96.0	143	96.0	143	96.0	143	96.0	141	94.6
Caerphilly LA	369	362	98.1	362	98.1	362	98.1	362	98.1	362	98.1	356	96.5
Monmouthshire LA	201	194	96.5	193	96.0	194	96.5	194	96.5	193	96.0	193	96.0
Newport LA	443	414	93.5	414	93.5	414	93.5	414	93.5	414	93.5	413	93.2
Torfaen LA	212	202	95.3	202	95.3	202	95.3	202	95.3	202	95.3	198	93.4
Health Board Total	1374	1315	95.7	1314	95.6	1315	95.7	1315	95.7	1313	95.6	1312	95.5
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	139	135	97.1	135	97.1	135	97.1	135	97.1	135	97.1	132	95.0
Conwy LA	213	201	94.4	201	94.4	201	94.4	201	94.4	201	94.4	195	91.5
Denbighshire LA	230	219	95.2	219	95.2	219	95.2	219	95.2	219	95.2	220	95.7
Flintshire LA	366	347	94.8	347	94.8	347	94.8	347	94.8	347	94.8	339	92.6
Gwynedd LA	254	243	95.7	243	95.7	243	95.7	243	95.7	242	95.3	244	96.1
Wrexham LA	303	289	95.4	289	95.4	289	95.4	289	95.4	289	95.4	284	93.7
Health Board Total	1505	1434	95.3	1434	95.3	1434	95.3	1434	95.3	1433	95.2	1436	95.4
<u>Cardiff and Vale University HB</u>													
Cardiff LA	883	830	94.0	830	94.0	830	94.0	830	94.0	830	94.0	801	90.7
Vale of Glamorgan LA	299	280	93.6	280	93.6	280	93.6	280	93.6	280	93.6	268	89.6
Health Board Total	1182	1110	93.9	1110	93.9	1110	93.9	1110	93.9	1110	93.9	1069	90.4
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	313	304	97.1	304	97.1	304	97.1	304	97.1	304	97.1	300	95.8
Merthyr Tydfil LA	151	149	98.7	149	98.7	149	98.7	149	98.7	149	98.7	142	94.0
Rhondda Cynon Taf LA	541	521	96.3	521	96.3	521	96.3	521	96.3	521	96.3	513	94.8
Health Board Total	1005	974	96.9	974	96.9	974	96.9	974	96.9	974	96.9	955	95.0
<u>Hywel Dda University HB</u>													
Cardiff LA	372	350	94.1	350	94.1	350	94.1	350	94.1	349	93.8	341	91.7
Ceredigion LA	130	125	96.2	125	96.2	125	96.2	125	96.2	124	95.4	125	96.2
Pembrokeshire LA	220	209	95.0	209	95.0	209	95.0	209	95.0	209	95.0	205	93.2
Health Board Total	722	684	94.7	684	94.7	684	94.7	684	94.7	683	94.6	683	94.6
<u>Powys Teaching HB</u>													
Health Board Total	262	252	96.2	252	96.2	252	96.2	252	96.2	252	96.2	248	94.7
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	315	306	97.1	306	97.1	306	97.1	306	97.1	306	97.1	301	95.6
Swansea LA	478	459	96.0	459	96.0	459	96.0	459	96.0	459	96.0	449	93.9
Health Board Total	793	765	96.5	765	96.5	765	96.5	765	96.5	765	96.5	763	96.2
Unknown	4	4	100.0	4	100.0	4	100.0	4	100.0	4	100.0	4	100.0
Wales Total	6847	6538	95.5	6537	95.5	6538	95.5	6538	95.5	6534	95.4	6534	95.4

¹ Full primary two dose course of pneumococcal conjugate vaccine.

² Final (booster) dose of pneumococcal conjugate vaccine.

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

Table 5. Vaccine uptake in children reaching their 4th birthday between 01/01/23 and 31/03/23 and resident on 31/03/23. 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	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	172	147	85.5	167	97.1	147	85.5	147	85.5
Caerphilly LA	451	403	89.4	432	95.8	400	88.7	394	87.4
Monmouthshire LA	171	156	91.2	163	95.3	155	90.6	153	89.5
Newport LA	489	393	80.4	439	89.8	394	80.6	380	77.7
Torfaen LA	236	194	82.2	215	91.1	192	81.4	190	80.5
Health Board Total	1519	1293	85.1	1416	93.2	1288	84.8	1264	83.2
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	149	139	93.3	143	96.0	137	91.9	137	91.9
Conwy LA	263	219	83.3	251	95.4	219	83.3	216	82.1
Denbighshire LA	248	218	87.9	236	95.2	217	87.5	214	86.3
Flintshire LA	326	289	88.7	309	94.8	288	88.3	288	88.3
Gwynedd LA	224	204	91.1	215	96.0	205	91.5	204	91.1
Wrexham LA	333	306	91.9	320	96.1	303	91.0	296	88.9
Health Board Total	1543	1375	89.1	1474	95.5	1369	88.7	1355	87.8
<u>Cardiff and Vale University HB</u>									
Cardiff LA	928	763	82.2	846	91.2	758	81.7	742	80.0
Vale of Glamorgan LA	336	290	86.3	312	92.9	289	86.0	285	84.8
Health Board Total	1264	1053	83.3	1158	91.6	1047	82.8	1027	81.3
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	384	354	92.2	366	95.3	354	92.2	350	91.1
Merthyr Tydfil LA	173	145	83.8	162	93.6	144	83.2	142	82.1
Rhondda Cynon Taf LA	627	563	89.8	596	95.1	560	89.3	556	88.7
Health Board Total	1184	1062	89.7	1124	94.9	1058	89.4	1048	88.5
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	425	365	85.9	404	95.1	365	85.9	361	84.9
Ceredigion LA	149	129	86.6	137	91.9	129	86.6	129	86.6
Pembrokeshire LA	302	260	86.1	280	92.7	259	85.8	258	85.4
Health Board Total	876	754	86.1	821	93.7	753	86.0	748	85.4
<u>Powys Teaching HB</u>									
Health Board Total	275	264	96.0	266	96.7	262	95.3	261	94.9
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	343	302	88.0	329	95.9	301	87.8	300	87.5
Swansea LA	575	482	83.8	539	93.7	488	84.9	469	81.6
Health Board Total	918	784	85.4	868	94.6	789	85.9	769	83.8
Unknown	4	4	100.0	4	100.0	4	100.0	4	100.0
Wales Total	7583	6589	86.9	7131	94.0	6570	86.6	6476	85.4

¹ Uptake of acellular pertussis used as proxy

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

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/01/23 and 31/03/23 and resident on 31/03/23. The proportion of children who have received all of these vaccines by their 5th birthday is also presented.

Area	Resident children	4 in 1 Preschool Booster ¹		HibMenCb		MMR dose 2		Up to date in schedule ²	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	185	166	89.7	179	96.8	166	89.7	165	89.2
Caerphilly LA	480	450	93.8	464	96.7	450	93.8	447	93.1
Monmouthshire LA	220	200	90.9	206	93.6	203	92.3	198	90.0
Newport LA	503	436	86.7	453	90.1	431	85.7	419	83.3
Torfaen LA	234	207	88.5	225	96.2	206	88.0	206	88.0
Health Board Total	1622	1459	90.0	1527	94.1	1456	89.8	1435	88.5
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	191	181	94.8	187	97.9	180	94.2	180	94.2
Conwy LA	248	222	89.5	233	94.0	222	89.5	220	88.7
Denbighshire LA	266	243	91.4	249	93.6	239	89.8	237	89.1
Flintshire LA	374	343	91.7	363	97.1	341	91.2	338	90.4
Gwynedd LA	302	289	95.7	295	97.7	286	94.7	284	94.0
Wrexham LA	346	316	91.3	329	95.1	315	91.0	311	89.9
Health Board Total	1727	1594	92.3	1656	95.9	1583	91.7	1570	90.9
<u>Cardiff and Vale University HB</u>									
Cardiff LA	986	849	86.1	900	91.3	841	85.3	824	83.6
Vale of Glamorgan LA	359	320	89.1	342	95.3	321	89.4	316	88.0
Health Board Total	1345	1169	86.9	1242	92.3	1162	86.4	1140	84.8
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	393	360	91.6	375	95.4	356	90.6	352	89.6
Merthyr Tydfil LA	175	151	86.3	160	91.4	149	85.1	145	82.9
Rhondda Cynon Taf LA	622	574	92.3	592	95.2	569	91.5	562	90.4
Health Board Total	1190	1085	91.2	1127	94.7	1074	90.3	1059	89.0
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	489	424	86.7	455	93.0	425	86.9	422	86.3
Ceredigion LA	153	143	93.5	147	96.1	142	92.8	141	92.2
Pembrokeshire LA	302	271	89.7	281	93.0	269	89.1	265	87.7
Health Board Total	944	838	88.8	883	93.5	836	88.6	828	87.7
<u>Powys Teaching HB</u>									
Health Board Total	278	256	92.1	265	95.3	249	89.6	248	89.2
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	385	351	91.2	377	97.9	348	90.4	348	90.4
Swansea LA	625	548	87.7	581	93.0	545	87.2	542	86.7
Health Board Total	1010	899	89.0	958	94.9	893	88.4	890	88.1
Unknown	3	2	66.7	3	100.0	2	66.7	2	66.7
Wales Total	8119	7302	89.9	7661	94.4	7255	89.4	7172	88.3

¹ Uptake of acellular pertussis used as proxy

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

Table 7. Vaccine uptake in children reaching their 5th birthday between 01/01/23 and 31/03/23 and resident on 31/03/23.

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	185	179	96.8	179	96.8	179	96.8	179	96.8	179	96.8	0	0.0	178	96.2	179	96.8	180	97.3	166	89.7	166	89.7	166	89.7	166	89.7	166	89.7
Caerphilly LA	480	467	97.3	467	97.3	467	97.3	467	97.3	467	97.3	1	0.2	464	96.7	464	96.7	466	97.1	450	93.8	450	93.8	450	93.8	450	93.8	450	93.8
Monmouthshire LA	220	207	94.1	207	94.1	207	94.1	207	94.1	207	94.1	0	0.0	205	93.2	206	93.6	208	94.5	203	92.3	200	90.9	200	90.9	200	90.9	200	90.9
Newport LA	503	469	93.2	469	93.2	469	93.2	469	93.2	468	93.0	2	0.4	458	91.1	453	90.1	471	93.6	431	85.7	436	86.7	436	86.7	436	86.7	437	86.9
Torfaen LA	234	226	96.6	226	96.6	226	96.6	226	96.6	226	96.6	0	0.0	227	97	225	96.2	226	96.6	206	88.0	207	88.5	207	88.5	207	88.5	207	88.5
Health Board Total	1622	1548	95.4	1548	95.4	1548	95.4	1548	95.4	1547	95.4	3	0.2	1532	94.5	1527	94.1	1551	95.6	1456	89.8	1459	90.0	1459	90.0	1459	90.0	1460	90.0
<u>Betsi Cadwaladr University HB</u>																													
Anglesey LA	191	186	97.4	186	97.4	186	97.4	185	96.9	185	96.9	0	0.0	181	94.8	187	97.9	187	97.9	180	94.2	181	94.8	181	94.8	181	94.8	181	94.8
Conwy LA	248	236	95.2	236	95.2	236	95.2	236	95.2	236	95.2	1	0.4	228	91.9	233	94.0	238	96.0	222	89.5	222	89.5	222	89.5	222	89.5	222	89.5
Denbighshire LA	266	250	94.0	250	94.0	250	94.0	250	94.0	250	94.0	0	0.0	244	91.7	249	93.6	253	95.1	239	89.8	243	91.4	243	91.4	243	91.4	243	91.4
Flintshire LA	374	365	97.6	365	97.6	365	97.6	365	97.6	365	97.6	0	0.0	359	96	363	97.1	366	97.9	341	91.2	343	91.7	343	91.7	343	91.7	343	91.7
Gwynedd LA	302	294	97.4	294	97.4	294	97.4	294	97.4	294	97.4	0	0.0	290	96	295	97.7	295	97.7	286	94.7	289	95.7	289	95.7	289	95.7	289	95.7
Wrexham LA	346	332	96.0	332	96.0	332	96.0	332	96.0	331	95.7	0	0.0	328	94.8	329	95.1	332	96.0	315	91.0	316	91.3	316	91.3	316	91.3	315	91.0
Health Board Total	1727	1663	96.3	1663	96.3	1663	96.3	1662	96.2	1661	96.2	1	0.1	1630	94.4	1656	95.9	1671	96.8	1583	91.7	1594	92.3	1594	92.3	1594	92.3	1593	92.2
<u>Cardiff and Vale University HB</u>																													
Cardiff LA	986	914	92.7	914	92.7	913	92.6	914	92.7	914	92.7	2	0.2	877	88.9	900	91.3	929	94.2	841	85.3	850	86.2	850	86.2	849	86.1	850	86.2
Vale of Glamorgan LA	359	348	96.9	348	96.9	348	96.9	348	96.9	348	96.9	0	0.0	337	93.9	342	95.3	345	96.1	321	89.4	320	89.1	320	89.1	320	89.1	320	89.1
Health Board Total	1345	1262	93.8	1262	93.8	1261	93.8	1262	93.8	1262	93.8	2	0.1	1214	90.3	1242	92.3	1274	94.7	1162	86.4	1170	87.0	1170	87.0	1169	86.9	1170	87.0
<u>Cwm Taf Morgannwg University HB</u>																													
Bridgend LA	393	383	97.5	383	97.5	383	97.5	383	97.5	382	97.2	1	0.3	370	94.1	375	95.4	381	96.9	356	90.6	360	91.6	360	91.6	360	91.6	359	91.3
Merthyr Tydfil LA	175	168	96.0	168	96.0	168	96.0	168	96.0	168	96.0	0	0.0	161	92	160	91.4	166	94.9	149	85.1	151	86.3	151	86.3	151	86.3	151	86.3
Rhondda Cynon Taf LA	622	608	97.7	608	97.7	608	97.7	608	97.7	608	97.7	1	0.2	596	95.8	592	95.2	607	97.6	569	91.5	574	92.3	574	92.3	574	92.3	574	92.3
Health Board Total	1190	1159	97.4	1159	97.4	1159	97.4	1159	97.4	1158	97.3	2	0.2	1127	94.7	1127	94.7	1154	97.0	1074	90.3	1085	91.2	1085	91.2	1085	91.2	1084	91.1
<u>Hywel Dda University HB</u>																													
Carmarthenshire LA	489	461	94.3	461	94.3	461	94.3	461	94.3	461	94.3	0	0.0	449	91.8	455	93.0	458	93.7	425	86.9	424	86.7	424	86.7	424	86.7	424	86.7
Ceredigion LA	153	147	96.1	147	96.1	147	96.1	146	95.4	147	96.1	1	0.7	145	94.8	147	96.1	148	96.7	142	92.8	143	93.5	143	93.5	143	93.5	143	93.5
Pembrokeshire LA	302	287	95.0	287	95.0	287	95.0	287	95.0	287	95.0	0	0.0	279	92.4	281	93.0	287	95.0	269	89.1	271	89.7	271	89.7	271	89.7	269	89.1
Health Board Total	944	895	94.8	895	94.8	895	94.8	894	94.7	895	94.8	1	0.1	873	92.5	883	93.5	893	94.6	836	88.6	838	88.8	838	88.8	838	88.8	836	88.6
<u>Powys Teaching HB</u>																													
Health Board Total	278	270	97.1	270	97.1	270	97.1	270	97.1	270	97.1	0	0.0	264	95	265	95.3	273	98.2	249	89.6	256	92.1	257	92.4	256	92.1	256	92.1
<u>Swansea Bay University HB</u>																													
Neath Port Talbot LA	385	380	98.7	380	98.7	380	98.7	379	98.4	380	98.7	1	0.3	369	95.8	377	97.9	376	97.7	348	90.4	351	91.2	351	91.2	351	91.2	351	91.2
Swansea LA	625	594	95.0	594	95.0	594	95.0	596	95.4	594	95.0	1	0.2	570	91.2	581	93.0	586	93.8	545	87.2	548	87.7	548	87.7	548	87.7	548	87.7
Health Board Total	1010	974	96.4	974	96.4	974	96.4	975	96.5	974	96.4	2	0.2	939	93	958	94.9	962	95.2	893	88.4	899	89.0	899	89.0	899	89.0	899	89.0
Unknown	3	3	100.0	3	100.0	3	100.0	3	100.0	3	100.0	0	0.0	2	66.7	3	100.0	3	100.0	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7
Wales Total	8119	7774	95.8	7774	95.8	7773	95.7	7773	95.7	7770	95.7	11	0.1	7581	93.4	7661	94.4	7781	95.8	7255	89.4	7303	89.9	7304	90.0	7302	89.9	7300	89.9

¹ One dose of MenC vaccine scheduled at 12 weeks of age.

² Final (booster) dose of pneumococcal conjugate vaccine

Table 8a. Uptake of HPV vaccine in children reaching 13 years of age between 01/09/22 and 31/08/23 (School Year 8) and resident on 31/03/23, 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	818	50	6.1	417	26	6.2	401	24	6.0
Caerphilly LA	2244	356	15.9	1086	188	17.3	1158	168	14.5
Monmouthshire LA	1078	80	7.4	524	34	6.5	553	46	8.3
Newport LA	2221	189	8.5	1107	92	8.3	1114	97	8.7
Torfaen LA	1186	99	8.3	600	60	10.0	586	39	6.7
Health Board Total	7547	774	10.3	3734	400	10.7	3812	374	9.8
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	817	1	0.1	404	0	0.0	413	1	0.2
Conwy LA	1335	93	7.0	662	50	7.6	671	43	6.4
Denbighshire LA	1173	159	13.6	567	76	13.4	606	83	13.7
Flintshire LA	1831	443	24.2	844	216	25.6	987	227	23.0
Gwynedd LA	1394	7	0.5	652	4	0.6	741	3	0.4
Wrexham LA	1633	235	14.4	806	130	16.1	827	105	12.7
Health Board Total	8183	938	11.5	3935	476	12.1	4245	462	10.9
<u>Cardiff and Vale University HB</u>									
Cardiff LA	4589	690	15.0	2232	368	16.5	2357	322	13.7
Vale of Glamorgan LA	1727	252	14.6	845	124	14.7	882	128	14.5
Health Board Total	6316	942	14.9	3077	492	16.0	3239	450	13.9
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	1800	6	0.3	893	2	0.2	907	4	0.4
Merthyr Tydfil LA	693	5	0.7	310	0	0.0	383	5	1.3
Rhondda Cynon Taf LA	3014	22	0.7	1506	15	1.0	1508	7	0.5
Health Board Total	5507	33	0.6	2709	17	0.6	2798	16	0.6
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	2171	66	3.0	1041	35	3.4	1129	31	2.7
Ceredigion LA	763	572	75.0	380	305	80.3	383	267	69.7
Pembrokeshire LA	1423	19	1.3	707	8	1.1	716	11	1.5
Health Board Total	4357	657	15.1	2128	348	16.4	2228	309	13.9
<u>Powys Teaching HB</u>									
Health Board Total	1338	146	10.9	666	86	12.9	669	60	9.0
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	1681	322	19.2	812	171	21.1	869	151	17.4
Swansea LA	2804	835	29.8	1362	402	29.5	1442	433	30.0
Health Board Total	4485	1157	25.8	2174	573	26.4	2311	584	25.3
Unknown	34	2	5.9	20	0	0.0	14	2	14.3
Wales Total	37767	4649	12.3	18443	2392	13.0	19316	2257	11.7

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

Table 8b. Uptake of HPV vaccine in children reaching 14 years of age between 01/09/22 and 31/08/23 (School Year 9) and resident on 31/03/23, with breakdown of coverage for sex.

Area	Resident children (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)	Resident girls (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)	Resident boys (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)
<u>Aneurin Bevan University HB</u>															
Blaenau Gwent LA	816	519	63.6	90	11.0	384	261	68.0	40	10.4	432	258	59.7	50	11.6
Caerphilly LA	2209	1410	63.8	221	10.0	1068	735	68.8	107	10.0	1141	675	59.2	114	10.0
Monmouthshire LA	1106	762	68.9	96	8.7	545	403	73.9	58	10.6	561	359	64.0	38	6.8
Newport LA	2168	1267	58.4	137	6.3	1009	626	62.0	63	6.2	1158	641	55.4	74	6.4
Torfaen LA	1170	784	67.0	185	15.8	546	397	72.7	88	16.1	623	387	62.1	97	15.6
Health Board Total	7469	4742	63.5	729	9.8	3552	2422	68.2	356	10.0	3915	2320	59.3	373	9.5
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	817	622	76.1	509	62.3	383	313	81.7	261	68.1	434	309	71.2	248	57.1
Conwy LA	1224	774	63.2	97	7.9	613	418	68.2	48	7.8	611	356	58.3	49	8.0
Denbighshire LA	1164	613	52.7	47	4.0	577	324	56.2	29	5.0	587	289	49.2	18	3.1
Flintshire LA	1791	1325	74.0	209	11.7	875	688	78.6	116	13.3	916	637	69.5	93	10.2
Gwynedd LA	1334	966	72.4	642	48.1	644	500	77.6	325	50.5	688	464	67.4	315	45.8
Wrexham LA	1638	1153	70.4	253	15.4	775	574	74.1	111	14.3	863	579	67.1	142	16.5
Health Board Total	7968	5453	68.4	1757	22.1	3867	2817	72.8	890	23.0	4099	2634	64.3	865	21.1
<u>Cardiff and Vale University HB</u>															
Cardiff LA	4557	2288	50.2	17	0.4	2253	1172	52.0	6	0.3	2304	1116	48.4	11	0.5
Vale of Glamorgan LA	1669	1048	62.8	1	0.1	808	555	68.7	1	0.1	861	493	57.3	0	0.0
Health Board Total	6226	3336	53.6	18	0.3	3061	1727	56.4	7	0.2	3165	1609	50.8	11	0.3
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	1696	1365	80.5	132	7.8	777	645	83.0	62	8.0	919	720	78.3	70	7.6
Merthyr Tydfil LA	744	495	66.5	5	0.7	384	278	72.4	3	0.8	360	217	60.3	2	0.6
Rhondda Cynon Taf LA	3017	2454	81.3	4	0.1	1474	1241	84.2	4	0.3	1542	1213	78.7	0	0.0
Health Board Total	5457	4314	79.1	141	2.6	2635	2164	82.1	69	2.6	2821	2150	76.2	72	2.6
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	2158	1545	71.6	60	2.8	1072	811	75.7	26	2.4	1086	734	67.6	34	3.1
Ceredigion LA	603	494	81.9	441	73.1	301	255	84.7	227	75.4	302	239	79.1	214	70.9
Pembrokeshire LA	1372	924	67.3	18	1.3	694	513	73.9	8	1.2	678	411	60.6	10	1.5
Health Board Total	4133	2963	71.7	519	12.6	2067	1579	76.4	261	12.6	2066	1384	67.0	258	12.5
<u>Powys Teaching HB</u>															
Health Board Total	1355	990	73.1	44	3.2	660	512	77.6	27	4.1	694	478	68.9	17	2.4
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	1693	1461	86.3	319	18.8	823	725	88.1	159	19.3	870	736	84.6	160	18.4
Swansea LA	2745	2343	85.4	606	22.1	1321	1148	86.9	290	22.0	1424	1195	83.9	316	22.2
Health Board Total	4438	3804	85.7	925	20.8	2144	1873	87.4	449	20.9	2294	1931	84.2	476	20.7
Unknown	33	14	42.4	1	3.0	14	8	57.1	1	7.1	19	6	31.6	0	0.0
Wales Total	37079	25616	69.1	4134	11.1	18000	13102	72.8	2060	11.4	19073	12512	65.6	2072	10.9

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

Table 9. Uptake of HPV vaccine in children reaching 13, 14 and 15 years of age between 01/09/22 and 31/08/23 and resident on 31/03/23.

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	818	50	6.1	816	519	63.6	90	11.0	857	696	81.2	598	69.8
Caerphilly LA	2244	356	15.9	2209	1410	63.8	221	10.0	2280	1910	83.8	1569	68.8
Monmouthshire LA	1078	80	7.4	1106	762	68.9	96	8.7	1122	874	77.9	667	59.4
Newport LA	2221	189	8.5	2168	1267	58.4	137	6.3	2261	1643	72.7	1208	53.4
Torfaen LA	1186	99	8.3	1170	784	67.0	185	15.8	1152	945	82.0	764	66.3
Health Board Total	7547	774	10.3	7469	4742	63.5	729	9.8	7672	6068	79.1	4806	62.6
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	817	1	0.1	817	622	76.1	509	62.3	814	665	81.7	597	73.3
Conwy LA	1335	93	7.0	1224	774	63.2	97	7.9	1274	1007	79.0	743	58.3
Denbighshire LA	1173	159	13.6	1164	613	52.7	47	4.0	1216	818	67.3	554	45.6
Flintshire LA	1831	443	24.2	1791	1325	74.0	209	11.7	1851	1451	78.4	1282	69.3
Gwynedd LA	1394	7	0.5	1334	966	72.4	642	48.1	1313	1117	85.1	1065	81.1
Wrexham LA	1633	235	14.4	1638	1153	70.4	253	15.4	1684	1394	82.8	1201	71.3
Health Board Total	8183	938	11.5	7968	5453	68.4	1757	22.1	8152	6452	79.1	5442	66.8
<u>Cardiff and Vale University HB</u>													
Cardiff LA	4589	690	15.0	4557	2288	50.2	17	0.4	4538	3441	75.8	3079	67.8
Vale of Glamorgan LA	1727	252	14.6	1669	1048	62.8	1	0.1	1716	1373	80.0	1173	68.4
Health Board Total	6316	942	14.9	6226	3336	53.6	18	0.3	6254	4814	77.0	4252	68.0
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	1800	6	0.3	1696	1365	80.5	132	7.8	1718	1551	90.3	1396	81.3
Merthyr Tydfil LA	693	5	0.7	744	495	66.5	5	0.7	779	671	86.1	557	71.5
Rhondda Cynon Taf LA	3014	22	0.7	3017	2454	81.3	4	0.1	2960	2619	88.5	2288	77.3
Health Board Total	5507	33	0.6	5457	4314	79.1	141	2.6	5457	4841	88.7	4241	77.7
<u>Hywel Dda University HB</u>													
Cardamarthenshire LA	2171	66	3.0	2158	1545	71.6	60	2.8	2324	1987	85.5	1755	75.5
Ceredigion LA	763	572	75.0	603	494	81.9	441	73.1	658	550	83.6	529	80.4
Pembrokeshire LA	1423	19	1.3	1372	924	67.3	18	1.3	1372	1084	79.0	994	72.4
Health Board Total	4357	657	15.1	4133	2963	71.7	519	12.6	4354	3621	83.2	3278	75.3
<u>Powys Teaching HB</u>													
Health Board Total	1338	146	10.9	1355	990	73.1	44	3.2	1508	1230	81.6	1138	75.5
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	1681	322	19.2	1693	1461	86.3	319	18.8	1677	1516	90.4	1369	81.6
Swansea LA	2804	835	29.8	2745	2343	85.4	606	22.1	2922	2620	89.7	2367	81.0
Health Board Total	4485	1157	25.8	4438	3804	85.7	925	20.8	4599	4136	89.9	3736	81.2
Unknown	34	2	5.9	33	14	42.4	1	3.0	41	28	68.3	23	56.1
Wales Total	37767	4649	12.3	37079	25616	69.1	4134	11.1	38037	31190	82.0	26916	70.8

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

Table 10. Uptake of MenACWY vaccine in teenagers reaching 14, 15, 16 and 17 years of age between 01/09/22 and 31/08/23 and resident on 31/03/23.

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	816	122	15.0	857	596	69.5	726	564	77.7	793	667	84.1
Caerphilly LA	2209	361	16.3	2280	1486	65.2	2113	1725	81.6	2137	1779	83.2
Monmouthshire LA	1106	112	10.1	1122	772	68.8	1123	868	77.3	1111	847	76.2
Newport LA	2168	199	9.2	2261	1321	58.4	2068	1524	73.7	1939	1519	78.3
Torfaen LA	1170	206	17.6	1152	766	66.5	1135	910	80.2	1150	930	80.9
Health Board Total	7469	1000	13.4	7672	4941	64.4	7165	5591	78.0	7130	5742	80.5
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	817	266	32.6	814	567	69.7	788	628	79.7	727	614	84.5
Conwy LA	1224	565	46.2	1274	919	72.1	1236	982	79.4	1239	1063	85.8
Denbighshire LA	1164	461	39.6	1216	797	65.5	1157	894	77.3	1138	893	78.5
Flintshire LA	1791	813	45.4	1851	1362	73.6	1833	1558	85.0	1685	1316	78.1
Gwynedd LA	1334	249	18.7	1313	1016	77.4	1304	1130	86.7	1349	1185	87.8
Wrexham LA	1638	850	51.9	1684	1256	74.6	1563	1270	81.3	1573	1260	80.1
Health Board Total	7968	3204	40.2	8152	5917	72.6	7881	6462	82.0	7711	6331	82.1
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4557	2721	59.7	4538	3207	70.7	4360	3217	73.8	4234	3229	76.3
Vale of Glamorgan LA	1669	1013	60.7	1716	1331	77.6	1644	1303	79.3	1516	1288	85.0
Health Board Total	6226	3734	60.0	6254	4538	72.6	6004	4520	75.3	5750	4517	78.6
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1696	1266	74.6	1718	1446	84.2	1769	1568	88.6	1630	1476	90.6
Merthyr Tydfil LA	744	443	59.5	779	590	75.7	721	603	83.6	706	634	89.8
Rhondda Cynon Taf LA	3017	1831	60.7	2960	2345	79.2	2878	2512	87.3	2885	2630	91.2
Health Board Total	5457	3540	64.9	5457	4381	80.3	5368	4683	87.2	5221	4740	90.8
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2158	59	2.7	2324	1757	75.6	2196	1884	85.8	2146	1838	85.6
Ceredigion LA	603	301	49.9	658	554	84.2	679	599	88.2	626	542	86.6
Pembrokeshire LA	1372	768	56.0	1372	879	64.1	1370	1125	82.1	1380	995	72.1
Health Board Total	4133	1128	27.3	4354	3190	73.3	4245	3608	85.0	4152	3375	81.3
<u>Powys Teaching HB</u>												
Health Board Total	1355	646	47.7	1508	1191	79.0	1384	1215	87.8	1390	1176	84.6
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1693	48	2.8	1677	1405	83.8	1645	1464	89.0	1643	1457	88.7
Swansea LA	2745	19	0.7	2922	2510	85.9	2784	2506	90.0	2673	2385	89.2
Health Board Total	4438	67	1.5	4599	3915	85.1	4429	3970	89.6	4316	3842	89.0
Unknown	33	12	36.4	41	25	61.0	32	21	65.6	53	41	77.4
Wales Total	37079	13331	36.0	38037	28098	73.9	36508	30070	82.4	35723	29764	83.3

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

Table 11. MMR, Td/IPV and MenACWY vaccine uptake in children in 2022-23 school year 9 reaching their 14th birthday between 01/09/22 and 31/08/23 and resident on 31/03/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ^{1,2}			MenACWY ²		Resident girls		MMR1 (girls)		MMR2 (girls)		Resident boys		MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																							
Blaenau Gwent LA	816	775	95.0	750	91.9	126	15.4	122	15.0	384	363	94.5	350	91.1	432	412	95.4	400	92.6				
Caerphilly LA	2209	2137	96.7	2078	94.1	367	16.6	361	16.3	1068	1033	96.7	1002	93.8	1141	1104	96.8	1076	94.3				
Monmouthshire LA	1106	992	89.7	964	87.2	113	10.2	112	10.1	545	489	89.7	475	87.2	561	503	89.7	489	87.2				
Newport LA	2168	1992	91.9	1911	88.1	195	9.0	199	9.2	1009	923	91.5	889	88.1	1158	1069	92.3	1022	88.3				
Torfaen LA	1170	1134	96.9	1093	93.4	213	18.2	206	17.6	546	531	97.3	506	92.7	623	603	96.8	587	94.2				
Health Board Total	7469	7030	94.1	6796	91.0	1014	13.6	1000	13.4	3552	3339	94.0	3222	90.7	3915	3691	94.3	3574	91.3				
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	817	786	96.2	769	94.1	295	36.1	266	32.6	383	371	96.9	366	95.6	434	415	95.6	403	92.9				
Conwy LA	1224	1177	96.2	1153	94.2	562	45.9	565	46.2	613	590	96.2	577	94.1	611	587	96.1	576	94.3				
Denbighshire LA	1164	1092	93.8	1075	92.4	459	39.4	461	39.6	577	539	93.4	533	92.4	587	553	94.2	542	92.3				
Flintshire LA	1791	1699	94.9	1668	93.1	811	45.3	813	45.4	875	841	96.1	824	94.2	916	858	93.7	844	92.1				
Gwynedd LA	1334	1259	94.4	1228	92.1	254	19.0	249	18.7	644	607	94.3	595	92.4	688	652	94.8	633	92.0				
Wrexham LA	1638	1551	94.7	1522	92.9	845	51.6	850	51.9	775	730	94.2	716	92.4	863	821	95.1	806	93.4				
Health Board Total	7968	7564	94.9	7415	93.1	3226	40.5	3204	40.2	3867	3678	95.1	3611	93.4	4099	3886	94.8	3804	92.8				
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	4557	4331	95.0	4149	91.0	2723	59.8	2721	59.7	2253	2154	95.6	2053	91.1	2304	2177	94.5	2096	91.0				
Vale of Glamorgan LA	1669	1623	97.2	1565	93.8	1016	60.9	1013	60.7	808	784	97.0	754	93.3	861	839	97.4	811	94.2				
Health Board Total	6226	5954	95.6	5714	91.8	3739	60.1	3734	60.0	3061	2938	96.0	2807	91.7	3165	3016	95.3	2907	91.8				
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	1696	1645	97.0	1595	94.0	1268	74.8	1266	74.6	777	754	97.0	725	93.3	919	891	97.0	870	94.7				
Merthyr Tydfil LA	744	712	95.7	689	92.6	444	59.7	443	59.5	384	370	96.4	357	93.0	360	342	95.0	332	92.2				
Rhondda Cynon Taf LA	3017	2924	96.9	2852	94.5	1825	60.5	1831	60.7	1474	1428	96.9	1396	94.7	1542	1496	97.0	1456	94.4				
Health Board Total	5457	5281	96.8	5136	94.1	3537	64.8	3540	64.9	2635	2552	96.9	2478	94.0	2821	2729	96.7	2658	94.2				
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	2158	2026	93.9	1961	90.9	66	3.1	59	2.7	1072	1005	93.8	975	91.0	1086	1021	94.0	986	90.8				
Ceredigion LA	603	565	93.7	555	92.0	306	50.7	301	49.9	301	280	93.0	274	91.0	302	285	94.4	281	93.0				
Pembrokeshire LA	1372	1281	93.4	1224	89.2	773	56.3	768	56.0	694	652	93.9	624	89.9	678	629	92.8	600	88.5				
Health Board Total	4133	3872	93.7	3740	90.5	1145	27.7	1128	27.3	2067	1937	93.7	1873	90.6	2066	1935	93.7	1867	90.4				
<u>Powys Teaching HB</u>																							
Health Board Total	1355	1252	92.4	1197	88.3	717	52.9	646	47.7	660	608	92.1	585	88.6	694	644	92.8	612	88.2				
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	1693	1644	97.1	1596	94.3	52	3.1	48	2.8	823	799	97.1	775	94.2	870	845	97.1	821	94.4				
Swansea LA	2745	2590	94.4	2510	91.4	20	0.7	19	0.7	1321	1246	94.3	1209	91.5	1424	1344	94.4	1301	91.4				
Health Board Total	4438	4234	95.4	4106	92.5	72	1.6	67	1.5	2144	2045	95.4	1984	92.5	2294	2189	95.4	2122	92.5				
Unknown	33	24	72.7	24	72.7	13	39.4	12	36.4	14	11	78.6	11	78.6	19	13	68.4	13	68.4				
Wales Total	37079	35211	95.0	34128	92.0	13463	36.3	13331	36.0	18000	17108	95.0	16571	92.1	19073	18103	94.9	17557	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 two quarters as more immunisation sessions take place.

Table 12. MMR, Td/IPV and MenACWY vaccine uptake in children in 2022-23 school year 10 reaching their 15th birthday between 01/09/22 and 31/08/23 and resident on 31/03/23, 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)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																					
Blaenau Gwent LA	857	824	96.1	798	93.1	604	70.5	596	69.5		416	395	95.0	378	90.9		441	429	97.3	420	95.2
Caerphilly LA	2280	2223	97.5	2172	95.3	1482	65.0	1486	65.2		1087	1063	97.8	1040	95.7		1193	1160	97.2	1132	94.9
Monmouthshire LA	1122	1020	90.9	992	88.4	765	68.2	772	68.8		547	498	91.0	482	88.1		575	522	90.8	510	88.7
Newport LA	2261	2105	93.1	2015	89.1	1320	58.4	1321	58.4		1092	1023	93.7	985	90.2		1168	1081	92.6	1030	88.2
Torfaen LA	1152	1107	96.1	1078	93.6	730	63.4	766	66.5		550	535	97.3	521	94.7		602	572	95.0	557	92.5
Health Board Total	7672	7279	94.9	7055	92.0	4901	63.9	4941	64.4		3692	3514	95.2	3406	92.3		3979	3764	94.6	3649	91.7
<u>Betsi Cadwaladr University HB</u>																					
Anglesey LA	814	779	95.7	760	93.4	586	72.0	567	69.7		414	398	96.1	388	93.7		400	381	95.3	372	93.0
Conwy LA	1274	1215	95.4	1192	93.6	912	71.6	919	72.1		635	608	95.7	598	94.2		638	607	95.1	594	93.1
Denbighshire LA	1216	1139	93.7	1119	92.0	792	65.1	797	65.5		574	535	93.2	530	92.3		641	604	94.2	589	91.9
Flintshire LA	1851	1720	92.9	1685	91.0	1354	73.1	1362	73.6		901	828	91.9	809	89.8		950	892	93.9	876	92.2
Gwynedd LA	1313	1267	96.5	1230	93.7	1034	78.8	1016	77.4		634	613	96.7	591	93.2		679	654	96.3	639	94.1
Wrexham LA	1684	1595	94.7	1569	93.2	1249	74.2	1256	74.6		818	783	95.7	774	94.6		865	811	93.8	794	91.8
Health Board Total	8152	7715	94.6	7555	92.7	5927	72.7	5917	72.6		3976	3765	94.7	3690	92.8		4173	3949	94.6	3864	92.6
<u>Cardiff and Vale University HB</u>																					
Cardiff LA	4538	4275	94.2	4059	89.4	3196	70.4	3207	70.7		2241	2123	94.7	2014	89.9		2297	2152	93.7	2045	89.0
Vale of Glamorgan LA	1716	1663	96.9	1609	93.8	1329	77.4	1331	77.6		831	807	97.1	781	94.0		885	856	96.7	828	93.6
Health Board Total	6254	5938	94.9	5668	90.6	4525	72.4	4538	72.6		3072	2930	95.4	2795	91.0		3182	3008	94.5	2873	90.3
<u>Cwm Taf Morgannwg University HB</u>																					
Bridgend LA	1718	1669	97.1	1613	93.9	1446	84.2	1446	84.2		828	807	97.5	787	95.0		890	862	96.9	826	92.8
Merthyr Tydfil LA	779	750	96.3	729	93.6	593	76.1	590	75.7		379	365	96.3	351	92.6		400	385	96.3	378	94.5
Rhondda Cynon Taf LA	2960	2866	96.8	2803	94.7	2344	79.2	2345	79.2		1456	1411	96.9	1381	94.8		1501	1452	96.7	1421	94.7
Health Board Total	5457	5285	96.8	5145	94.3	4383	80.3	4381	80.3		2663	2583	97.0	2519	94.6		2791	2699	96.7	2625	94.1
<u>Hywel Dda University HB</u>																					
Carmarthenshire LA	2324	2189	94.2	2119	91.2	1765	75.9	1757	75.6		1149	1081	94.1	1047	91.1		1175	1108	94.3	1072	91.2
Ceredigion LA	658	609	92.6	593	90.1	557	84.7	554	84.2		319	295	92.5	287	90.0		339	314	92.6	306	90.3
Pembrokeshire LA	1372	1275	92.9	1207	88.0	887	64.7	879	64.1		682	642	94.1	620	90.9		690	633	91.7	587	85.1
Health Board Total	4354	4073	93.5	3919	90.0	3209	73.7	3190	73.3		2150	2018	93.9	1954	90.9		2204	2055	93.2	1965	89.2
<u>Powys Teaching HB</u>																					
Health Board Total	1508	1420	94.2	1367	90.6	1186	78.6	1191	79.0		706	666	94.3	646	91.5		802	754	94.0	721	89.9
<u>Swansea Bay University HB</u>																					
Neath Port Talbot LA	1677	1632	97.3	1583	94.4	1404	83.7	1405	83.8		785	763	97.2	745	94.9		892	869	97.4	838	93.9
Swansea LA	2922	2757	94.4	2682	91.8	2496	85.4	2510	85.9		1457	1373	94.2	1345	92.3		1465	1384	94.5	1337	91.3
Health Board Total	4599	4389	95.4	4265	92.7	3900	84.8	3915	85.1		2242	2136	95.3	2090	93.2		2357	2253	95.6	2175	92.3
Unknown	41	37	90.2	37	90.2	24	58.5	25	61.0		22	20	90.9	20	90.9		19	17	89.5	17	89.5
Wales Total	38037	36136	95.0	35011	92.0	28055	73.8	28098	73.9		18523	17632	95.2	17120	92.4		19507	18499	94.8	17889	91.7

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

Table 13. MMR, Td/IPV and MenACWY vaccine uptake in children in 2022-23 school year 11 reaching their 16th birthday between 01/09/22 and 31/08/23 and resident on 31/03/23, 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	726	700	96.4	679	93.5	564	77.7	564	77.7	386	370	95.9	358	92.7	340	330	97.1	321	94.4
Caerphilly LA	2113	2051	97.1	1997	94.5	1719	81.4	1725	81.6	1064	1039	97.7	1013	95.2	1049	1012	96.5	984	93.8
Monmouthshire LA	1123	1030	91.7	997	88.8	862	76.8	868	77.3	552	506	91.7	493	89.3	571	524	91.8	504	88.3
Newport LA	2068	1935	93.6	1853	89.6	1535	74.2	1524	73.7	995	936	94.1	900	90.5	1072	999	93.2	953	88.9
Torfaen LA	1135	1116	98.3	1082	95.3	904	79.6	910	80.2	544	537	98.7	522	96.0	591	579	98.0	560	94.8
Health Board Total	7165	6832	95.4	6608	92.2	5584	77.9	5591	78.0	3541	3388	95.7	3286	92.8	3623	3444	95.1	3322	91.7
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	788	757	96.1	734	93.1	630	79.9	628	79.7	370	359	97.0	348	94.1	418	398	95.2	386	92.3
Conwy LA	1236	1167	94.4	1139	92.2	975	78.9	982	79.4	609	578	94.9	573	94.1	626	589	94.1	566	90.4
Denbighshire LA	1157	1073	92.7	1051	90.8	887	76.7	894	77.3	552	515	93.3	501	90.8	604	558	92.4	550	91.1
Flintshire LA	1833	1734	94.6	1687	92.0	1555	84.8	1558	85.0	903	845	93.6	827	91.6	930	889	95.6	860	92.5
Gwynedd LA	1304	1261	96.7	1231	94.4	1135	87.0	1130	86.7	638	619	97.0	608	95.3	665	642	96.5	623	93.7
Wrexham LA	1563	1508	96.5	1472	94.2	1271	81.3	1270	81.3	733	714	97.4	696	95.0	830	794	95.7	776	93.5
Health Board Total	7881	7500	95.2	7314	92.8	6453	81.9	6462	82.0	3805	3630	95.4	3553	93.4	4073	3870	95.0	3761	92.3
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4360	4071	93.4	3866	88.7	3216	73.8	3217	73.8	2147	2011	93.7	1904	88.7	2212	2059	93.1	1961	88.7
Vale of Glamorgan LA	1644	1569	95.4	1504	91.5	1305	79.4	1303	79.3	783	751	95.9	723	92.3	861	818	95.0	781	90.7
Health Board Total	6004	5640	93.9	5370	89.4	4521	75.3	4520	75.3	2930	2762	94.3	2627	89.7	3073	2877	93.6	2742	89.2
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1769	1705	96.4	1627	92.0	1559	88.1	1568	88.6	859	831	96.7	797	92.8	910	874	96.0	830	91.2
Merthyr Tydfil LA	721	690	95.7	667	92.5	606	84.0	603	83.6	330	316	95.8	302	91.5	391	374	95.7	365	93.4
Rhondda Cynon Taf LA	2878	2790	96.9	2725	94.7	2514	87.4	2512	87.3	1358	1315	96.8	1287	94.8	1520	1475	97.0	1438	94.6
Health Board Total	5368	5185	96.6	5019	93.5	4679	87.2	4683	87.2	2547	2462	96.7	2386	93.7	2821	2723	96.5	2633	93.3
<u>Hywel Dda University HB</u>																			
Carmarthenshire LA	2196	2053	93.5	1972	89.8	1888	86.0	1884	85.8	1083	1016	93.8	976	90.1	1113	1037	93.2	996	89.5
Ceredigion LA	679	638	94.0	619	91.2	600	88.4	599	88.2	333	314	94.3	303	91.0	346	324	93.6	316	91.3
Pembrokeshire LA	1370	1269	92.6	1189	86.8	1129	82.4	1125	82.1	681	642	94.3	605	88.8	689	627	91.0	584	84.8
Health Board Total	4245	3960	93.3	3780	89.0	3617	85.2	3608	85.0	2097	1972	94.0	1884	89.8	2148	1988	92.6	1896	88.3
<u>Powys Teaching HB</u>																			
Health Board Total	1384	1296	93.6	1245	90.0	1199	86.6	1215	87.8	672	629	93.6	606	90.2	711	667	93.8	639	89.9
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1645	1601	97.3	1546	94.0	1460	88.8	1464	89.0	809	791	97.8	765	94.6	836	810	96.9	781	93.4
Swansea LA	2784	2618	94.0	2527	90.8	2504	89.9	2506	90.0	1347	1280	95.0	1232	91.5	1437	1338	93.1	1295	90.1
Health Board Total	4429	4219	95.3	4073	92.0	3964	89.5	3970	89.6	2156	2071	96.1	1997	92.6	2273	2148	94.5	2076	91.3
Unknown	32	29	90.6	28	87.5	21	65.6	21	65.6	15	14	93.3	13	86.7	17	15	88.2	15	88.2
Wales Total	36508	34661	94.9	33437	91.6	30038	82.3	30070	82.4	17763	16928	95.3	16352	92.1	18739	17732	94.6	17084	91.2

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

Table 14. MMR, Td/IPV and MenACWY vaccine uptake in children reaching their 16th birthday between 01/01/23 and 31/03/23 and resident on 31/03/23, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ¹				Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)		(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	
Blaenau Gwent LA	164	159	97.0	156	95.1	133	81.1	132	80.5	88	85	96.6	83	94.3	76	74	97.4	73	96.1	
Caerphilly LA	490	478	97.6	461	94.1	382	78.0	381	77.8	230	226	98.3	220	95.7	260	252	96.9	241	92.7	
Monmouthshire LA	273	248	90.8	241	88.3	214	78.4	213	78.0	133	120	90.2	118	88.7	140	128	91.4	123	87.9	
Newport LA	493	467	94.7	445	90.3	367	74.4	367	74.4	231	219	94.8	209	90.5	262	248	94.7	236	90.1	
Torfaen LA	253	250	98.8	240	94.9	195	77.1	194	76.7	119	118	99.2	114	95.8	134	132	98.5	126	94.0	
Health Board Total	1673	1602	95.8	1543	92.2	1291	77.2	1287	76.9	801	768	95.9	744	92.9	872	834	95.6	799	91.6	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	202	192	95.0	186	92.1	166	82.2	164	81.2	88	85	96.6	83	94.3	114	107	93.9	103	90.4	
Conwy LA	280	258	92.1	253	90.4	211	75.4	215	76.8	141	129	91.5	129	91.5	139	129	92.8	124	89.2	
Denbighshire LA	270	250	92.6	245	90.7	201	74.4	202	74.8	117	107	91.5	104	88.9	153	143	93.5	141	92.2	
Flintshire LA	430	406	94.4	399	92.8	350	81.4	355	82.6	210	198	94.3	194	92.4	220	208	94.5	205	93.2	
Gwynedd LA	308	294	95.5	287	93.2	259	84.1	258	83.8	139	135	97.1	134	96.4	168	159	94.6	153	91.1	
Wrexham LA	387	372	96.1	362	93.5	306	79.1	306	79.1	177	174	98.3	172	97.2	210	198	94.3	190	90.5	
Health Board Total	1877	1772	94.4	1732	92.3	1493	79.5	1500	79.9	872	828	95.0	816	93.6	1004	944	94.0	916	91.2	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	1027	963	93.8	907	88.3	773	75.3	771	75.1	497	467	94.0	438	88.1	529	495	93.6	468	88.5	
Vale of Glamorgan LA	398	379	95.2	363	91.2	326	81.9	322	80.9	195	186	95.4	181	92.8	203	193	95.1	182	89.7	
Health Board Total	1425	1342	94.2	1270	89.1	1099	77.1	1093	76.7	692	653	94.4	619	89.5	732	688	94.0	650	88.8	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	418	403	96.4	383	91.6	372	89.0	372	89.0	213	206	96.7	198	93.0	205	197	96.1	185	90.2	
Merthyr Tydfil LA	178	172	96.6	167	93.8	152	85.4	152	85.4	84	83	98.8	79	94.0	94	89	94.7	88	93.6	
Rhondda Cynon Taf LA	667	646	96.9	632	94.8	591	88.6	591	88.6	312	302	96.8	297	95.2	355	344	96.9	335	94.4	
Health Board Total	1263	1221	96.7	1182	93.6	1115	88.3	1115	88.3	609	591	97.0	574	94.3	654	630	96.3	608	93.0	
<u>Hywel Dda University HB</u>																				
Cardemarthenshire LA	553	514	92.9	501	90.6	473	85.5	473	85.5	260	242	93.1	234	90.0	293	272	92.8	267	91.1	
Ceredigion LA	177	164	92.7	160	90.4	155	87.6	155	87.6	85	77	90.6	74	87.1	92	87	94.6	86	93.5	
Pembrokeshire LA	337	308	91.4	294	87.2	286	84.9	284	84.3	164	155	94.5	149	90.9	173	153	88.4	145	83.8	
Health Board Total	1067	986	92.4	955	89.5	914	85.7	912	85.5	509	474	93.1	457	89.8	558	512	91.8	498	89.2	
<u>Powys Teaching HB</u>																				
Health Board Total	317	288	90.9	278	87.7	268	84.5	275	86.8	150	139	92.7	135	90.0	167	149	89.2	143	85.6	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	394	384	97.5	371	94.2	342	86.8	343	87.1	183	180	98.4	175	95.6	211	204	96.7	196	92.9	
Swansea LA	655	619	94.5	598	91.3	591	90.2	593	90.5	328	309	94.2	297	90.5	327	310	94.8	301	92.0	
Health Board Total	1049	1003	95.6	969	92.4	933	88.9	936	89.2	511	489	95.7	472	92.4	538	514	95.5	497	92.4	
Unknown	7	5	71.4	5	71.4	4	57.1	4	57.1	4	3	75.0	3	75.0	3	2	66.7	2	66.7	
Wales Total	8678	8219	94.7	7934	91.4	7117	82.0	7122	82.1	4148	3945	95.1	3820	92.1	4528	4273	94.4	4113	90.8	

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

Table 15. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/01/23 and 31/03/23 and resident on 31/03/23.¹

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	174	4	2.3	149	3	2.0	185	4	2.2	164	2	1.2
Caerphilly LA	437	10	2.3	369	4	1.1	480	12	2.5	490	14	2.9
Monmouthshire LA	175	7	4.0	201	10	5.0	220	8	3.6	273	9	3.3
Newport LA	493	82	16.6	443	74	16.7	503	98	19.5	493	64	13.0
Torfaen LA	223	8	3.6	212	4	1.9	234	8	3.4	253	6	2.4
Health Board Total	1502	111	7.4	1374	95	6.9	1622	130	8.0	1673	95	5.7
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	138	1	0.7	139	1	0.7	191	8	4.2	202	4	2.0
Conwy LA	223	8	3.6	213	8	3.8	248	15	6.0	280	19	6.8
Denbighshire LA	242	11	4.5	230	11	4.8	266	14	5.3	270	16	5.9
Flintshire LA	354	31	8.8	366	21	5.7	374	18	4.8	430	19	4.4
Gwynedd LA	257	3	1.2	254	9	3.5	302	13	4.3	308	6	1.9
Wrexham LA	288	28	9.7	303	21	6.9	346	28	8.1	387	35	9.0
Health Board Total	1502	82	5.5	1505	71	4.7	1727	96	5.6	1877	99	5.3
<u>Cardiff and Vale University HB</u>												
Cardiff LA	901	239	26.5	883	196	22.2	986	225	22.8	1027	233	22.7
Vale of Glamorgan LA	322	18	5.6	299	20	6.7	359	27	7.5	398	21	5.3
Health Board Total	1223	257	21.0	1182	216	18.3	1345	252	18.7	1425	254	17.8
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	333	13	3.9	313	11	3.5	393	22	5.6	418	6	1.4
Merthyr Tydfil LA	162	8	4.9	151	10	6.6	175	7	4.0	178	4	2.2
Rhondda Cynon Taf LA	558	17	3.0	541	21	3.9	622	48	7.7	667	26	3.9
Health Board Total	1053	38	3.6	1005	42	4.2	1190	77	6.5	1263	36	2.9
<u>Hywel Dda University HB</u>												
Cardiganshire LA	382	10	2.6	372	12	3.2	489	16	3.3	553	32	5.8
Ceredigion LA	114	4	3.5	130	7	5.4	153	10	6.5	177	2	1.1
Pembrokeshire LA	233	7	3.0	220	4	1.8	302	13	4.3	337	9	2.7
Health Board Total	729	21	2.9	722	23	3.2	944	39	4.1	1067	43	4.0
<u>Powys Teaching Health Board</u>												
Health Board Total	261	4	1.5	262	1	0.4	278	13	4.7	317	6	1.9
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	348	16	4.6	315	12	3.8	385	15	3.9	394	9	2.3
Swansea LA	527	80	15.2	478	61	12.8	625	61	9.8	655	48	7.3
Health Board Total	875	96	11.0	793	73	9.2	1010	76	7.5	1049	57	5.4
Unknown	0	0	0.0	4	0	0.0	3	0	0.0	7	0	0.0
Wales Total	7148	609	8.5	6847	521	7.6	8119	683	8.4	8678	590	6.8

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

Table 16. Uptake of hepatitis B immunisation in children, reaching their 1st, 2nd, and 5th birthdays during between 01/01/23 and 31/03/23 and resident on 31/03/23, 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	0	-	-	-	1374	1	100.0	100.0	100.0	100.0	1622	3	100.0	100.0	100.0	66.7
Betsi Cadwaladr UHB	1502	1	100.0	100.0	100.0	1505	0	-	-	-	-	1727	3	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1223	2	100.0	100.0	100.0	1182	5	100.0	100.0	100.0	60.0	1345	6	100.0	100.0	100.0	83.3
Cwm Taf Morgannwg UHB	1053	0	-	-	-	1005	0	-	-	-	-	1190	3	100.0	100.0	100.0	100.0
Hywel Dda UHB	729	0	-	-	-	722	0	-	-	-	-	944	0	-	-	-	-
Powys Teaching HB	261	0	-	-	-	262	0	-	-	-	-	278	0	-	-	-	-
Swansea Bay UHB	875	2	100.0	100.0	100.0	793	2	100.0	100.0	100.0	100.0	1010	1	100.0	100.0	100.0	100.0
Unknown	3	0	-	-	-	4	0	-	-	-	-	3	0	-	-	-	-
Wales Total	7148	5	100.0	100.0	100.0	6847	8	100.0	100.0	100.0	75.0	8119	16	100.0	100.0	100.0	87.5

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