

Vaccine Uptake in Children in Wales

January to March 2021

COVER 138: Wales June 2021

Key points

- For one year old children in Wales, uptake of all routine immunisations remained above 95% this quarter, with the exception of rotavirus. Uptake of three doses of the “6 in 1” vaccine was 95.1% this quarter and was 95% or higher in five of the seven Health Boards (HBs) and 13 of the 22 Local Authority (LA) areas.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 93.9% this quarter. Three HBs and 10 LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 94.3% this quarter. Three HBs and 11 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 88.3% this quarter and was 91.6% in five year olds.
- Uptake of one dose of Human Papillomavirus Vaccine (HPV) in the 2020-21 school year 8 children (12-13 year olds) is 4.0% and will increase over the next two quarters. Catch-up immunisations will be required for those in this cohort who did not receive immunisations as scheduled. This is the second HPV cohort to include boys.
- Uptake of routine MenACWY vaccine in the 2020-21 school year 9 cohort is 21.6%. Coverage of the MenACWY vaccine in the 2020-21 school year 10 cohort is 77.4%.
- Uptake of the Td/IPV teenage booster in the 2020-21 school year 9 cohort is 21.4%. Coverage of the Td/IPV teenage booster in the 2020-21 school year 10 is 77.2%.
- Coverage of one dose of MMR vaccine in the 2020-21 school year 10 (age 14-15 years) was 95.3%, coverage of two doses was 91.6%.
- Coverage of one dose of MMR vaccine in the 2020-21 school year 11 (age 15-16 years) was 95.1%, coverage of two doses is 91.5%.

Background

These results are for children living in Wales in March 2021 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/01/2021 to 31/03/2021. Uptake of key immunisations in older children, which are mainly provided through school based programmes in all areas other than Cardiff and Vale University Health Board, are presented in school year cohorts (children reaching their 14th, 15th and 16th birthdays between 01/09/2020 and 31/08/2021). BCG immunisation uptake data are also presented here for children vaccinated selectively following risk assessment. Coverage of neonatal hepatitis B immunisation in infants at risk is also presented, using data from the Public Health Wales Neonatal Hepatitis B database. MenACWY conjugate vaccine uptake figures for teenagers and young adults born from 01/09/1996 to 31/08/1999, vaccinated as part of the general practice-based catch-up campaign are available from: <http://www.wales.nhs.uk/sitesplus/888/page/88528>

Findings

1. Uptake of all three doses of the combined “6 in 1” DTaP/IPV/Hib/HepB¹ vaccine, scheduled at two, three and four months of age, in children reaching their first birthday was 95.1% this quarter, compared to 95.2% last quarter. Uptake ranged by HB from 97.3% (Cwm Taf Morgannwg) to 92.7% (Hywel Dda) and by LA from 98.2% (Caerphilly) to 91.9% (Ceredigion). Five of the seven HBs and 13 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 96.5% this quarter, compared to 95.2% last quarter. This is the first quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 93.5% (Ceredigion) to 98.9% (Caerphilly). Six of the seven HBs and 17 of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 3).
3. Uptake of two doses of MenB vaccine, scheduled at two and four months of age, in children reaching their first birthday was 95.2% this quarter. Uptake in HBs ranged from 92.6% (Cardiff and Vale) to 97.8% (Cwm Taf Morgannwg) and ranged by LA from 91.9% (Ceredigion) to 98.7% (Caerphilly) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 93.6% this quarter, compared to 93.4% last quarter. Uptake in HBs ranged from 91.8% (Hywel Dda) to 97.1% (Powys Teaching) and ranged by LA from 90.6% (Torfaen) to 97.1% (Powys) (Figures 2 and 3, Tables 2 and 3).
5. Uptake of the first dose of MMR² in children reaching their second birthday (scheduled at 12 to 13 months of age) was 94.3% this quarter. Uptake ranged by HB from 92.0% (Cardiff and Vale) to 97.6% (Powys Teaching) and by LA area from 91.1% (Newport) to 98.8% (Blaenau Gwent). Three HBs and 11 LA areas achieved the target of 95% uptake (Figures 2, 3 and 7, Tables 2 and 4).
6. Uptake of the complete three dose course of MenB vaccine in children reaching their second birthday decreased to 93.9% this quarter compared to 94.5% last quarter. Uptake ranged by HB from 90.2% (Cardiff and Vale) to 97.2% (Powys Teaching) and by LA from 89.8% (Vale of Glamorgan) to 98.8% (Blaenau Gwent). Three of the seven HBs and ten 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 94.3% this quarter, stable compared last quarter. Uptake ranged by HB from 91.3% (Cardiff and Vale) to 97.6% (Powys Teaching) and ranged by LA from 90.5% (Newport) to 98.8% (Blaenau Gwent). Three HBs and 12 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 94.0% this quarter compared to 94.6% last quarter. Uptake ranged by HB from 91.5% (Cardiff and Vale) to 97.2% (Powys Teaching), and ranged by LA from 90.0% (Newport) to 98.2% (Blaenau Gwent). Three HBs and 11 LA areas achieved uptakes in excess of 95% (Figures 1, 2 and 3, Tables 2 and 4).
9. In children reaching four years of age this quarter (Table 5), uptake of:
 - The “4 in 1” DTaP/IPV³ pre-school booster was 89.7%
 - The Hib/MenC booster was 95.6%
 - Two doses of MMR was 89.1%

The proportion of children who were up to date with all these routine immunisations at four years of age was 88.3%. This ranged by HB from 85.4% (Hywel Dda) to 92.9% (Powys Teaching) and by LA from 83.0% (Ceredigion) to 94.0% (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 91.6%, an increase compared to 90.9% last quarter. This ranged by HB from 90.0% (Powys Teaching) to 94.3% (Betsi Cadwaladr) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 97.0%. Coverage of two doses of MMR was 92.8%. Coverage of two doses of MMR ranged by HB from 90.3% (Powys Teaching) to 95.2% (Betsi Cadwaladr) and by LA from 89.3% (Pembrokeshire) to 97.0% (Monmouthshire) (Figures 1, 2, 3 and 8, Tables 2, 6 and 7).
12. Uptake of the "4 in 1" DTaP/IPV³ pre-school booster in children reaching their fifth birthday increased to 93.2% this quarter compared to 92.7% last quarter, ranging by HB from 91.7% (Swansea Bay) to 95.6% (Betsi Cadwaladr) and by LA from 89.7% (Newport) to 98.0% (Monmouthshire). Six 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 2020-21 school year 8 cohort (turning 13 years of age during 01/09/20 to 31/08/21) is currently 4.0%. This is the second school cohort to include boys eligible for the HPV vaccine (Table 8a) [2]. Timings of school vaccination sessions vary throughout the year and uptake in this cohort will have been affected as a result of paused vaccination sessions in schools following COVID-19 control measures. Uptake will increase in this cohort over the next two quarters.
14. Coverage of the first dose of HPV vaccine in the 2020-21 school year 9 cohort is currently 67.4% (71.1% in girls and 64.0% in boys) and uptake of the second dose in this age group is currently 4.1% (4.6% in girls and 3.6% in boys) (Table 8b). This is the second school cohort to include boys eligible for the HPV vaccine.
15. Coverage of a complete two dose course of HPV vaccine in 2020-21 school year 10 girls (girls reaching their 15th birthday during 01/09/20 to 31/08/21) is currently 56.5% (Table 9).
16. Current uptake of the MenACWY vaccine in the 2020-21 routine school year 9 cohort is 21.6% (Table 10 and 11). Coverage in the 2020-21 school years 10, 11 and 12, is currently 77.4%, 86.1% and 86.2% respectively (Table 10).
17. Uptake of the Td/IPV⁴ teenage booster in the 2020-21 school year 9 (children reaching 14 years of age) is currently 21.4%. Coverage of two doses of MMR in this year group is currently 92.3% and coverage of one dose is 95.5%. Coverage of two doses of MMR vaccine ranged by HB from 89.9% (Hywel Dda) to 94.0% (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 92.6% (Table 11).
18. Coverage of the Td/IPV teenage booster in the 2020-21 school year 10 (children reaching 15 years of age) is currently 77.2%. Coverage ranged by HB from 65.5% (Hywel Dda) to 88.4% (Cwm Taf Morgannwg). Coverage of two doses of MMR in this year group was 91.6% and coverage of one dose was 95.3%. Coverage of two doses of MMR vaccine ranged by HB from 88.3% (Powys Teaching) to 92.8% (Aneurin Bevan). Coverage of a full course of immunisation against rubella (two doses of MMR) in 15 year old girls in this school year group was 92.0% (Table 12).
19. Coverage of the Td/IPV teenage booster in the 2020-21 school year 11 (children reaching 16 years of age) is currently 86.0%. Coverage ranged by HB from 78.5% (Cardiff and Vale) to 91.6% (Swansea Bay). Coverage of two doses of MMR in this year group was 91.5% and coverage of one dose was 95.1%. Coverage of two doses of MMR vaccine ranged by HB from 88.8% (Powys Teaching) to 93.4% (Aneurin Bevan). Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls in this school year group was 91.9% (Table 13).
20. Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st January 2021 and 31st March 2021) was 91.3%, whilst coverage of one dose of MMR was 94.9%. Coverage of a full course of immunisation against rubella (two doses of MMR) in 16

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.

year old girls was 91.5%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 86.2% (Figures 1, 2 and 3, Tables 2 and 14).

- 21.** Uptake of BCG immunisation is presented in Table 15. These data are based on BCG immunisations recorded in the National Community Child Health Database. BCG immunisation has been received by 6.4%, 4.6%, 6.7% and 6.0% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter one of 2021. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (18.6%) and sixteen years of age (18.7%). Newport LA had the highest proportion of children vaccinated by 2 years of age (16.2%) and five years of age (15.6%).⁵
- 22.** Uptake data for hepatitis B immunisation in children who were at risk of perinatal infection, extracted from the Public Health Wales All Wales Neonatal Hepatitis B Immunisation Database, is presented in Table 16. This quarter uptake of three doses of hepatitis B vaccine at their first birthday was 90.0%, uptake of four doses⁶ at their second birthday was 57.1% and uptake of four doses at their fifth birthday was 57.1%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

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

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

Comment

This is the second quarterly COVER report which shows vaccination uptake for infants and younger children who would have been due their vaccinations when COVID-19 control measures started being implemented in Wales in March 2020.

Overall, vaccine uptake in children under 2 years of age is only 1-2% lower than at the start of 2020, and within the range of uptake over the last three years, showing that efforts in primary care to maintain provision of childhood vaccination during the COVID-19 pandemic have been very successful.

For the quarter January to March 2021 uptake of the complete three-dose course of “6 in 1” vaccine by the first birthday remains above 95%. Uptake of all other routine primary immunisations in infants aged one this quarter also remain at 95% or higher, excluding rotavirus (which cannot be given beyond 24 weeks of age, so is not possible to ‘catch up’).

This report contains the first quarterly cohort of children to follow the 1+1 PCV schedule which was introduced in January 2020, replacing the 2+1 schedule that was in place previously [1]. The temporary dip in uptake at 1 year seen during 2020 is likely due to this change. Children born on or after 1st January 2020 will receive one dose at 12 weeks and a booster at 12 months, the dose at 4 weeks being dropped. Coverage in this cohort of children reaching one year of age this quarter was slightly higher than previous quarters when the two dose primary course was in place.

Similar to last quarter, uptake of immunisations measured at two years of age were slightly below 95% this quarter for all routine immunisations. Uptake of the MenB vaccine was the lowest of all immunisations reported on in this age group. The proportion of children who were up to date with their routine immunisations by four and five years of age increased this quarter, although uptake below 95% of a completed course of MMR by 4 and 5 years of age remains a concern.

The childhood immunisation programmes have continued as essential services during the coronavirus pandemic, with appropriate assurance to parents and infection control measures put in place by practices. Monthly enhanced immunisation reports developed by the Vaccine Preventable Disease Programme are being used to monitor the impact of COVID-19 on uptake of routine childhood immunisations across Wales [3]. Data suggests that the timeliness of vaccination uptake in young children and infants has remained stable throughout the pandemic.

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 [4]. A phased return to school began on 22nd February with younger children returning first. Coverage of MenACWY and the teenage 3 in 1 booster vaccines due in 2020-21 School Year 9 is increasing, but is still lower when compared to the same quarter in 2020 [5]. Of all the teenage vaccines, uptake of the HPV vaccine appears to be the most impacted by school closures. The 2019-20 school year 8 cohort (2020-21 school year 9) was the first cohort to include boys eligible for the HPV vaccine, uptake of one dose in this group is currently 67.4% [2]. MMR coverage in teenagers remains stable.

Uptake will continue to be monitored closely to ensure children are caught up over the subsequent months and are protected against vaccine preventable disease. There continues to be infrequent notifications of vaccine preventable diseases to Public Health Wales Health Protection Teams [6], this will also continue to be monitored as further COVID-19 control measures are eased and international travel resumes.

References

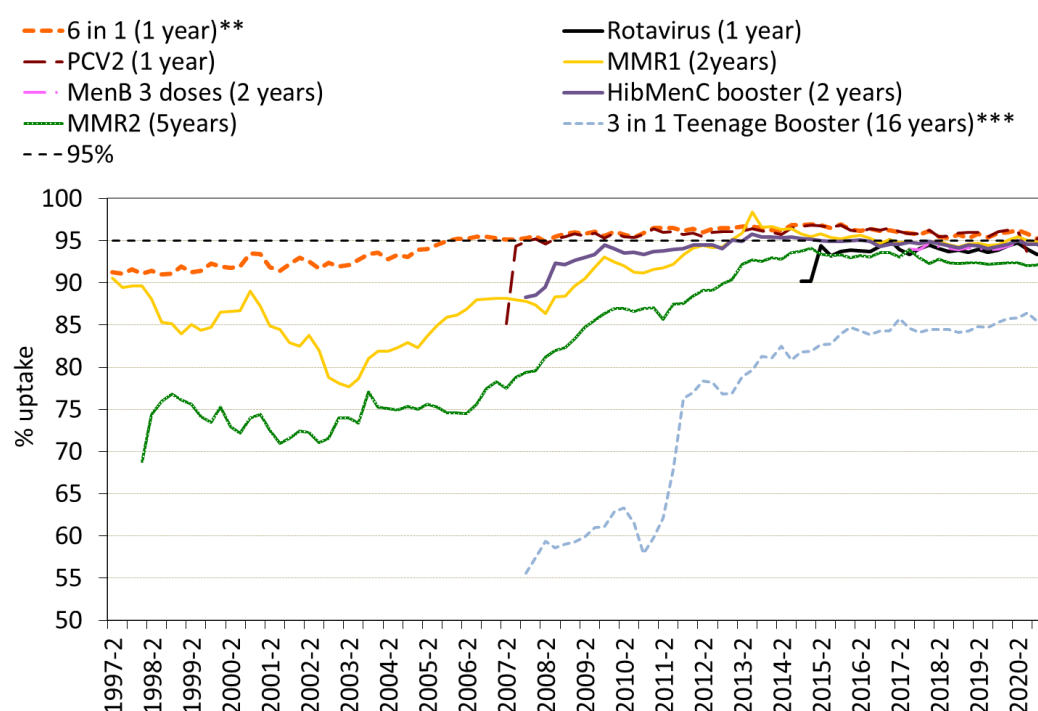
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
2. Welsh Health Circular- Changes to the HPV immunisation programme from the academic school year starting September 2019. Available from: [http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Change%20to%20the%20Human%20Papillomavirus%20\(HPV\)%20Immunisation%20Programme%27%20-%20English.pdf](http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Change%20to%20the%20Human%20Papillomavirus%20(HPV)%20Immunisation%20Programme%27%20-%20English.pdf)
3. Public Health Wales Health Protection Division. Vaccine uptake in children in Wales, Effect of COVID-19 on timeliness of childhood vaccinations: April 2021. Cardiff, Public Health Wales. Available from: [http://nww2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/3dc04669c9e1eaa880257062003b246b/e178d98fcc2391c5802586d100396cb0/\\$FILE/EnhancedCOVERApril2021\(Report%2012\)_v1.pdf](http://nww2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/3dc04669c9e1eaa880257062003b246b/e178d98fcc2391c5802586d100396cb0/$FILE/EnhancedCOVERApril2021(Report%2012)_v1.pdf) [NHS Wales only]
4. 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>
5. Public Health Wales Health Protection Division. Vaccine uptake in Children in Wales, January to March 2020: COVER report 134, May 2020. Cardiff, Public Health Wales. [http://www2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/\(\\$All\)/4504FA9A159407278025856F004B1242/\\$File/Cov20q1%20\(Report%20134\)_v1.pdf](http://www2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/($All)/4504FA9A159407278025856F004B1242/$File/Cov20q1%20(Report%20134)_v1.pdf)
6. Public Health Wales Weekly Notification of Mumps Dashboard. May 2021: <https://public.tableau.com/profile/public.health.wales.health.protection#!/vizhome/NotificationsofMUMPSinWales2018-2021/Dashboard2>

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 2021: COVER report 138, June 2021. 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 2021*.

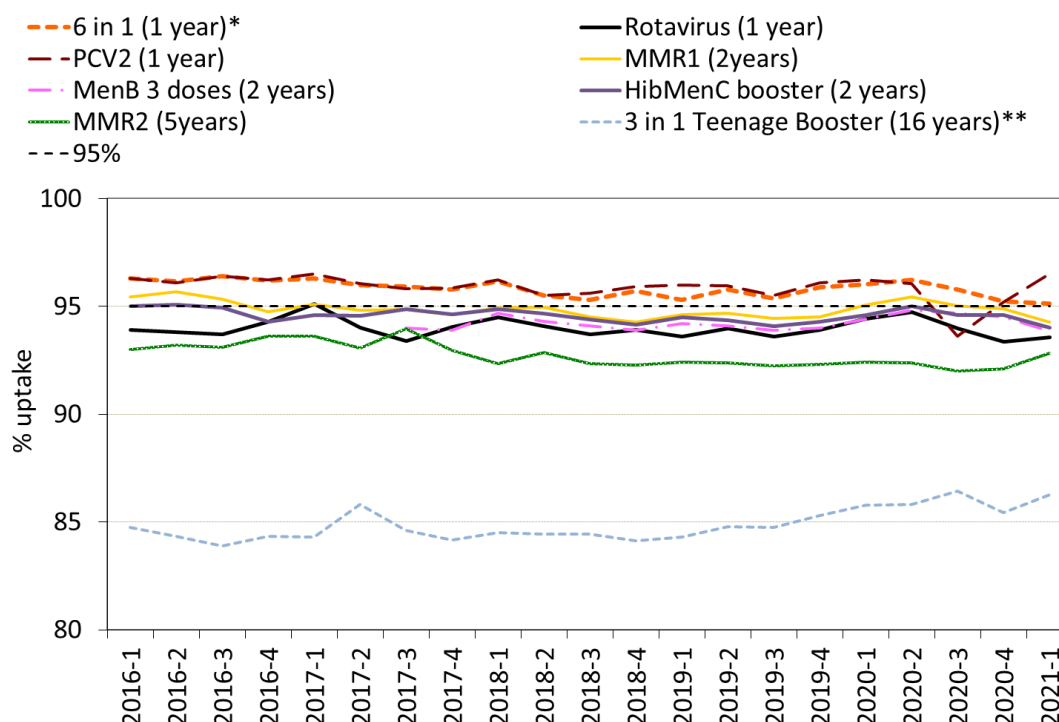


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**Uptake of pertussis used as a proxy.

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

Figure 2. Percentage uptake of childhood immunisations in Wales, quarter 1 2016 to quarter 1 2021**



* Uptake of pertussis used as proxy.

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

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

Figure 3. Summary of uptake rates for selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/01/21 and 31/03/21 and resident on 31/03/21.

All Wales Summary - COVER 138

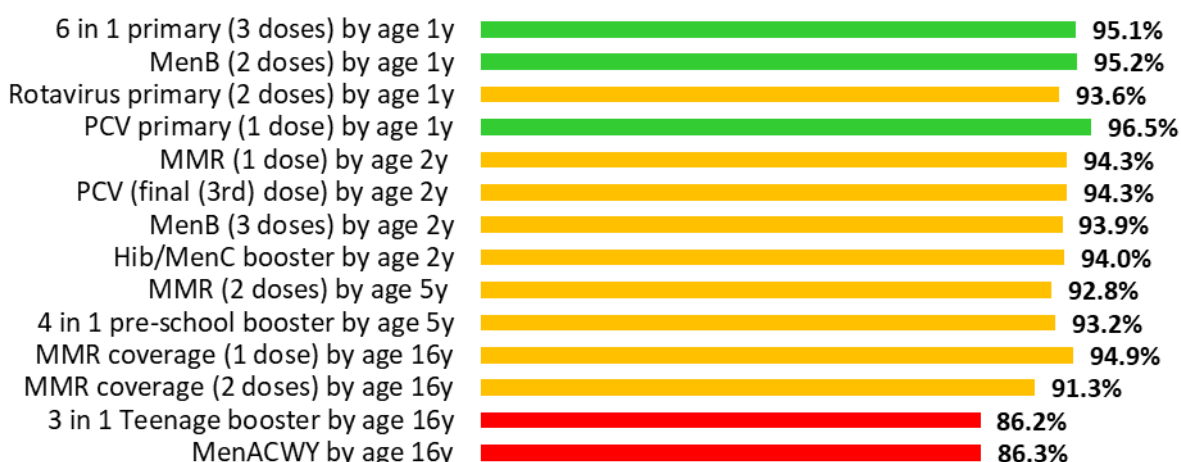


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/01/21 and 31/03/21 and are up to date with all scheduled vaccines⁷ by health board.

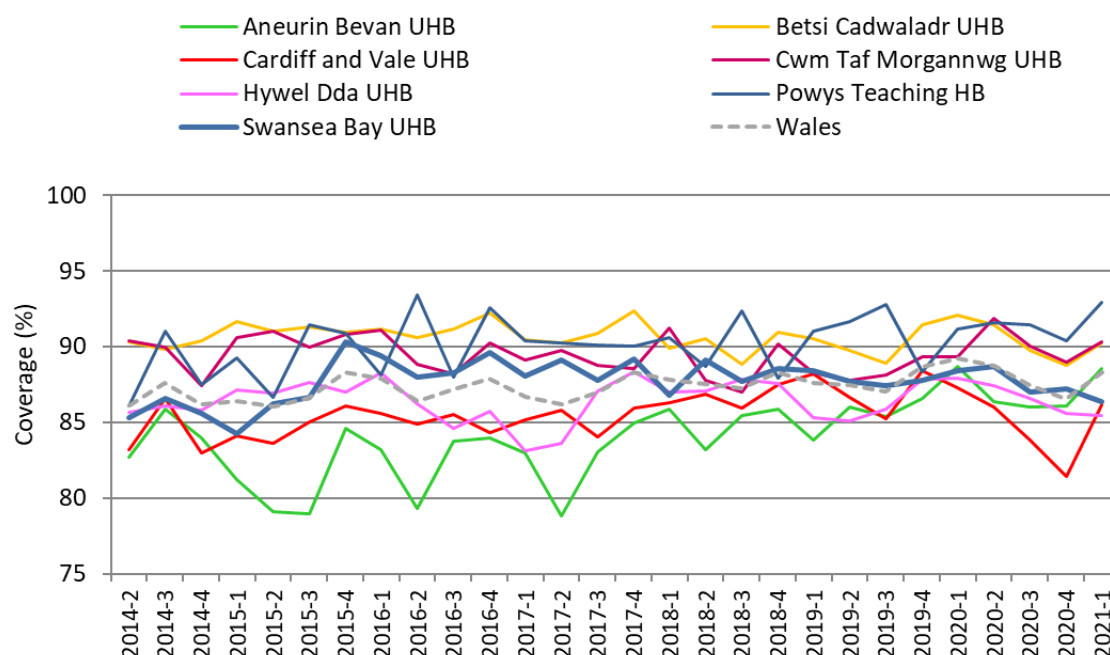


Table 1. Percentages of resident children reaching their 4th birthday during quarter 1 2020 to quarter 1 2021 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2020-1	2020-2	2020-3	2020-4	2021-1
Aneurin Bevan UHB	88.7	86.4	86.0	86.1	88.6
Betsi Cadwaladr UHB	92.1	91.5	89.8	88.8	90.3
Cardiff and Vale UHB	87.3	86.0	83.9	81.4	86.2
Cwm Taf Morgannwg UHB	89.4	91.9	90.1	89.0	90.4
Hywel Dda UHB	87.9	87.4	86.6	85.6	85.4
Powys Teaching HB	91.2	91.6	91.4	90.4	92.9
Swansea Bay UHB	88.4	88.7	87.0	87.2	86.3
Wales	89.2	88.8	87.5	86.5	88.3

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 2 2014 to quarter 1 2021, who are up to date with all scheduled vaccines⁷, by health board*.



* 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. The calculation method for proportions of children up to date with routine immunisation by four years of age was revised during 2014 quarter 1, to remove the pneumococcal conjugate vaccine booster dose, as this is not clinically indicated after two years of age. Uptake data 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.

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

Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/01/21 and 31/03/21.

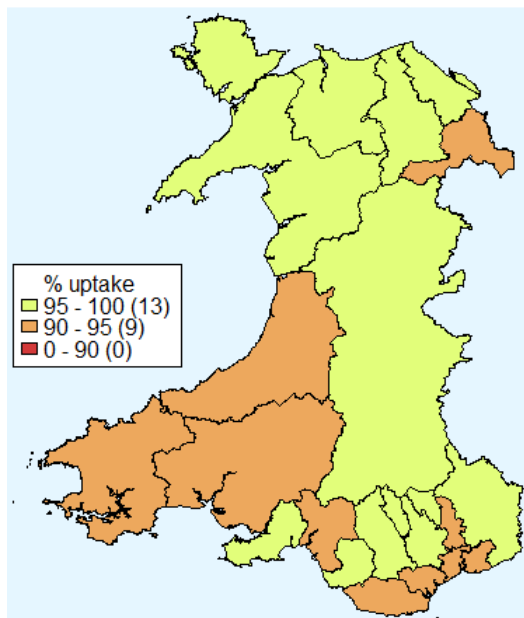


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/01/21 and 31/03/21.

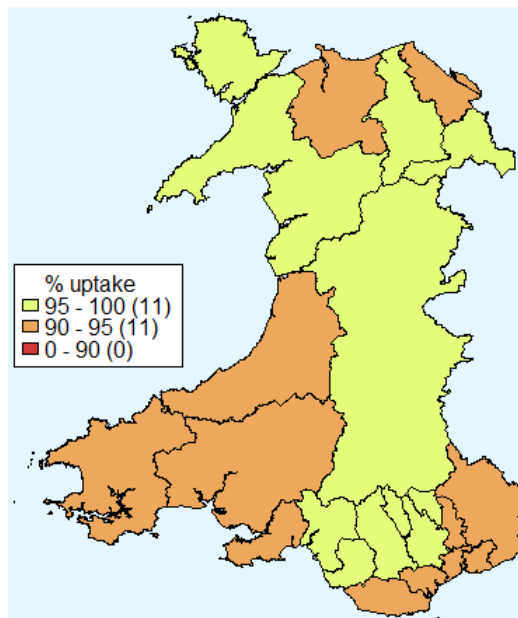


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/01/21 and 31/03/21.

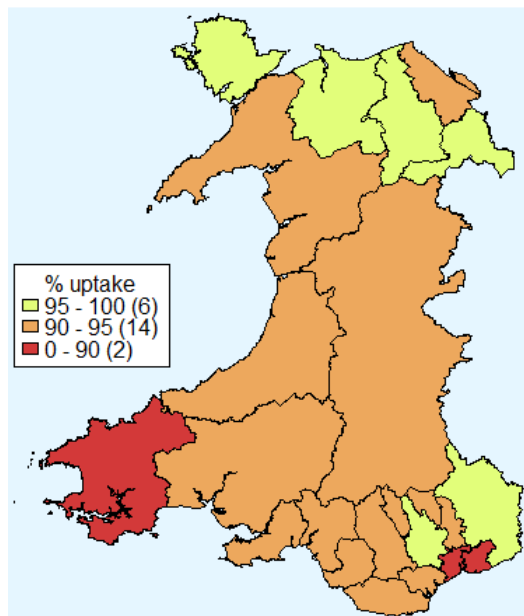


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/01/21 and 31/03/21.

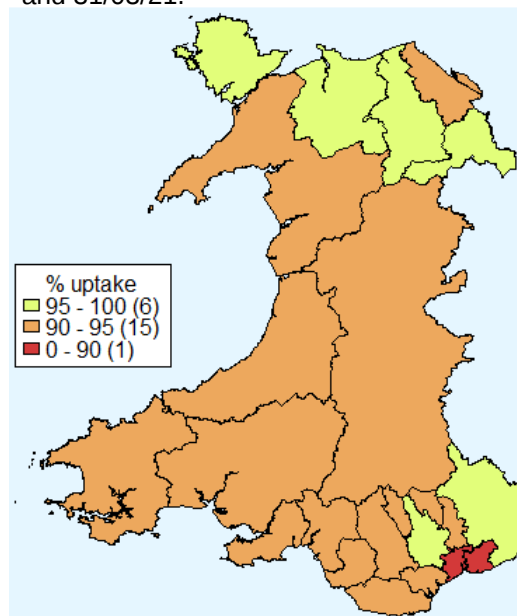


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/01/21 and 31/03/21 and resident on 31/03/21.

Area	Age 1 year					Age 2 years					Age 4 years		Age 5 years			Age 16 years				
	Resident children (n)	6 in 1 ¹	MenB ²	PCV	Rotavirus	Resident children (n)	MMR1	PCV ³	MenB ⁴	Hib/MenC	Resident Children (n)	Up to date in schedule ⁵	Resident children (n)	MMR2	4 in 1 ¹	Resident children (n)	MMR1	MMR2	MenACWY	3 in 1 Teenage booster ⁶
Aneurin Bevan UHB																				
Blaenau Gwent LA	173	96.5	96.5	96.5	94.8	166	98.8	98.8	98.8	98.2	159	86.8	165	94.5	93.3	167	97.0	94.0	87.4	87.4
Caerphilly LA	454	98.2	98.7	98.9	94.1	435	95.9	96.1	95.6	95.2	457	89.3	493	95.1	95.3	513	96.9	94.2	86.2	85.8
Monmouthshire LA	187	97.3	97.3	97.9	95.2	164	94.5	94.5	94.5	94.5	184	92.4	202	97.0	98.0	261	93.1	91.2	79.7	79.7
Newport LA	410	94.6	94.9	95.9	92.9	482	91.1	90.5	90.0	90.0	491	86.2	507	89.7	89.7	471	94.5	90.4	84.5	84.7
Torfaen LA	212	92.5	92.5	94.3	90.6	226	91.2	91.6	91.2	90.7	274	90.1	269	92.2	94.1	275	97.5	95.3	90.2	90.2
Health Board Total	1436	96.0	96.2	96.9	93.5	1473	93.8	93.7	93.3	93.1	1565	88.6	1636	93.2	93.5	1687	95.7	92.8	85.5	85.4
Betsi Cadwaladr UHB																				
Anglesey LA	133	97.0	97.0	94.7	94.7	149	95.3	96.0	94.6	96.0	167	94.0	171	95.3	95.9	168	94.6	89.3	81.5	82.7
Conwy LA	241	95.0	95.4	97.1	92.5	241	94.6	96.3	95.9	95.9	266	85.7	280	96.4	96.8	285	94.4	91.6	88.1	87.0
Denbighshire LA	220	95.0	95.0	95.5	90.9	231	95.7	95.7	94.8	95.2	254	88.6	230	95.2	96.1	255	94.1	90.6	83.5	82.0
Flintshire LA	322	95.0	94.7	96.6	95.0	318	94.3	94.7	94.0	94.3	383	91.4	373	94.9	94.4	390	94.1	92.3	81.8	81.8
Gwynedd LA	273	96.7	97.1	97.1	92.7	212	98.1	98.1	98.1	98.1	286	90.9	294	93.9	93.5	297	97.0	94.6	88.2	88.6
Wrexham LA	330	94.5	94.8	95.5	92.7	328	97.0	97.3	97.3	97.0	349	91.4	361	95.6	97.0	367	96.7	94.0	82.6	82.6
Health Board Total	1519	95.4	95.5	96.2	93.1	1479	95.8	96.3	95.8	96.0	1705	90.3	1709	95.2	95.6	1762	95.2	92.4	84.3	84.1
Cardiff and Vale UHB																				
Cardiff LA	935	92.5	92.2	96.0	91.8	915	92.3	91.5	90.4	91.9	948	83.9	1054	90.7	91.3	988	92.4	87.3	77.2	77.4
Vale of Glamorgan LA	306	94.8	93.8	95.4	93.1	304	91.1	90.8	89.8	90.1	397	91.7	347	93.9	94.8	363	96.7	93.1	86.0	86.5
Health Board Total	1241	93.1	92.6	95.9	92.1	1219	92.0	91.3	90.2	91.5	1345	86.2	1401	91.5	92.1	1351	93.6	88.9	79.6	79.9
Cwm Taf Morgannwg UHB																				
Bridgend LA	314	97.1	97.8	98.4	96.2	379	95.3	95.0	95.0	94.7	393	91.1	384	91.4	91.7	403	96.0	92.6	93.5	93.1
Merthyr Tydfil LA	148	96.6	97.3	98.0	94.6	164	97.0	97.0	97.0	96.3	167	91.0	177	90.4	90.4	172	95.9	91.3	91.9	91.9
Rhondda Cynon Taf LA	590	97.6	98.0	98.5	96.9	638	95.6	95.8	95.9	95.8	622	89.7	732	94.1	94.9	693	95.4	91.8	91.5	91.8
Health Board Total	1052	97.3	97.8	98.4	96.4	1181	95.7	95.7	95.8	95.5	1182	90.4	1293	92.8	93.3	1268	95.7	92.0	92.2	92.2
Hywel Dda UHB																				
Cardiganshire LA	394	93.4	93.4	94.2	92.1	406	93.6	93.8	93.8	93.6	458	85.4	492	91.9	92.5	477	95.6	93.5	88.3	88.9
Ceredigion LA	123	91.9	91.9	93.5	91.9	148	92.6	92.6	91.9	92.6	147	83.0	168	93.5	93.5	151	92.7	90.7	86.1	87.4
Pembrokeshire LA	264	92.0	92.4	93.6	91.3	280	92.9	92.9	91.8	92.9	309	86.7	299	89.3	90.3	295	97.6	91.5	86.1	86.1
Health Board Total	781	92.7	92.8	93.9	91.8	834	93.2	93.3	92.8	93.2	914	85.4	959	91.3	92.0	923	95.8	92.4	87.2	87.8
Powys Teaching UHB																				
Health Board Total	240	95.8	95.8	98.3	97.1	248	97.6	97.6	97.2	97.2	255	92.9	309	90.3	92.2	336	93.5	89.3	89.9	88.7
Swansea Bay UHB																				
Neath Port Talbot LA	320	94.1	93.8	96.6	93.8	330	95.5	96.1	95.5	95.2	350	86.6	380	93.9	93.7	390	95.1	90.5	92.1	91.3
Swansea LA	493	96.3	96.1	97.2	94.1	536	93.1	93.3	93.3	92.7	580	86.2	642	91.4	90.5	607	92.4	87.8	90.8	90.0
Health Board Total	813	95.4	95.2	96.9	94.0	866	94.0	94.3	94.1	93.6	930	86.3	1022	92.4	91.7	997	93.5	88.9	91.3	90.5
Unknown	7	100.0	100.0	100.0	85.7	14	85.7	78.6	85.7	85.7	13	92.3	8	75.0	75.0	17	88.2	88.2	82.4	82.4
Wales Total	7089	95.1	95.2	96.5	93.6	7314	94.3	94.3	93.9	94.0	7909	88.3	8337	92.8	93.2	8341	94.9	91.3	86.3	86.2

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 01/01/21 and 31/03/21 and resident on 31/03/21.

Area	Resident children	D3		T3		P3		Po3		Hib3		HepB		MMR1		Rotavirus		PCV ¹		Men B ²		HibMenC	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																							
Blaenau Gwent LA	173	167	96.5	167	96.5	167	96.5	167	96.5	167	96.5	167	96.5	0	0.0	164	94.8	167	96.5	167	96.5	0	0.0
Caerphilly LA	454	446	98.2	446	98.2	446	98.2	446	98.2	446	98.2	446	98.2	1	0.2	427	94.1	449	98.9	448	98.7	1	0.2
Monmouthshire LA	187	182	97.3	182	97.3	182	97.3	182	97.3	182	97.3	182	97.3	2	1.1	178	95.2	183	97.9	182	97.3	2	1.1
Newport LA	410	388	94.6	388	94.6	388	94.6	388	94.6	387	94.4	387	94.4	1	0.2	381	92.9	393	95.9	389	94.9	1	0.2
Torfaen LA	212	196	92.5	196	92.5	196	92.5	196	92.5	196	92.5	196	92.5	0	0.0	192	90.6	200	94.3	196	92.5	0	0.0
Health Board Total	1436	1379	96.0	1379	96.0	1379	96.0	1379	96.0	1378	96.0	1378	96.0	4	0.3	1342	93.5	1392	96.9	1382	96.2	4	0.3
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	133	129	97.0	129	97.0	129	97.0	129	97.0	129	97.0	129	97.0	2	1.5	126	94.7	126	94.7	129	97.0	2	1.5
Conwy LA	241	229	95.0	229	95.0	229	95.0	229	95.0	229	95.0	229	95.0	2	0.8	223	92.5	234	97.1	230	95.4	2	0.8
Denbighshire LA	220	209	95.0	209	95.0	209	95.0	209	95.0	209	95.0	208	94.5	0	0.0	200	90.9	210	95.5	209	95.0	0	0.0
Flintshire LA	322	306	95.0	306	95.0	306	95.0	306	95.0	306	95.0	306	95.0	1	0.3	306	95.0	311	96.6	305	94.7	0	0.0
Gwynedd LA	273	264	96.7	264	96.7	264	96.7	264	96.7	264	96.7	264	96.7	2	0.7	253	92.7	265	97.1	265	97.1	2	0.7
Wrexham LA	330	312	94.5	312	94.5	312	94.5	312	94.5	312	94.5	312	94.5	0	0.0	306	92.7	315	95.5	313	94.8	0	0.0
Health Board Total	1519	1449	95.4	1449	95.4	1449	95.4	1449	95.4	1449	95.4	1448	95.3	7	0.5	1414	93.1	1461	96.2	1451	95.5	6	0.4
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	935	865	92.5	865	92.5	865	92.5	865	92.5	865	92.5	865	92.5	2	0.2	858	91.8	898	96.0	862	92.2	2	0.2
Vale of Glamorgan LA	306	290	94.8	290	94.8	290	94.8	290	94.8	290	94.8	290	94.8	2	0.7	285	93.1	292	95.4	287	93.8	0	0.0
Health Board Total	1241	1155	93.1	1155	93.1	1155	93.1	1155	93.1	1155	93.1	1155	93.1	4	0.3	1143	92.1	1190	95.9	1149	92.6	2	0.2
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	314	305	97.1	305	97.1	305	97.1	305	97.1	305	97.1	305	97.1	0	0.0	302	96.2	309	98.4	307	97.8	0	0.0
Merthyr Tydfil LA	148	143	96.6	143	96.6	143	96.6	143	96.6	143	96.6	143	96.6	0	0.0	140	94.6	145	98.0	144	97.3	0	0.0
Rhondda Cynon Taf LA	590	576	97.6	576	97.6	576	97.6	576	97.6	576	97.6	576	97.6	2	0.3	572	96.9	581	98.5	578	98.0	2	0.3
Health Board Total	1052	1024	97.3	1024	97.3	1024	97.3	1024	97.3	1024	97.3	1024	97.3	2	0.2	1014	96.4	1035	98.4	1029	97.8	2	0.2
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	394	368	93.4	368	93.4	368	93.4	368	93.4	368	93.4	368	93.4	1	0.3	363	92.1	371	94.2	368	93.4	1	0.3
Ceredigion LA	123	113	91.9	113	91.9	113	91.9	113	91.9	113	91.9	113	91.9	0	0.0	113	91.9	115	93.5	113	91.9	0	0.0
Pembrokeshire LA	264	243	92.0	243	92.0	243	92.0	243	92.0	243	92.0	244	92.4	0	0.0	241	91.3	247	93.6	244	92.4	0	0.0
Health Board Total	781	724	92.7	724	92.7	724	92.7	724	92.7	724	92.7	725	92.8	1	0.1	717	91.8	733	93.9	725	92.8	1	0.1
<u>Powys Teaching HB</u>																							
Health Board Total	240	230	95.8	230	95.8	230	95.8	230	95.8	230	95.8	229	95.4	0	0.0	233	97.1	236	98.3	230	95.8	0	0.0
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	320	301	94.1	301	94.1	301	94.1	301	94.1	301	94.1	301	94.1	0	0.0	300	93.8	309	96.6	300	93.8	0	0.0
Swansea LA	493	475	96.3	475	96.3	475	96.3	475	96.3	475	96.3	475	96.3	0	0.0	464	94.1	479	97.2	474	96.1	0	0.0
Health Board Total	813	776	95.4	776	95.4	776	95.4	776	95.4	776	95.4	776	95.4	0	0.0	764	94.0	788	96.9	774	95.2	0	0.0
Unknown	7	7	100.0	7	100.0	7	100.0	7	100.0	7	100.0	7	100.0	0	0.0	6	85.7	7	100.0	7	100.0	0	0.0
Wales Total	7089	6744	95.1	6744	95.1	6744	95.1	6744	95.1	6743	95.1	6742	95.1	18	0.3	6633	93.6	6842	96.5	6747	95.2	15	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 01/01/21 and 31/03/21 and resident on 31/03/21.

Area	Resident children	D3	T3	P3	Po3	Hib3	HepB ¹	MMR1	PCV2 ¹	PCVf ²	Men B ³	HibMenC	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	166	165	99.4	165	99.4	165	99.4	165	99.4	164	98.8	164	98.8
Caerphilly LA	435	427	98.2	427	98.2	427	98.2	427	98.2	417	95.9	425	97.7
Monmouthshire LA	164	157	95.7	157	95.7	157	95.7	157	95.7	155	94.5	156	95.1
Newport LA	482	457	94.8	457	94.8	457	94.8	457	94.8	456	94.6	439	91.1
Torfaen LA	226	212	93.8	212	93.8	212	93.8	212	93.8	206	91.2	210	92.9
Health Board Total	1473	1418	96.3	1418	96.3	1418	96.3	1418	96.3	1416	96.1	1381	93.8
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	149	149	100.0	149	100.0	149	100.0	149	100.0	149	100.0	142	95.3
Conwy LA	241	236	97.9	236	97.9	236	97.9	236	97.9	236	97.9	228	94.6
Denbighshire LA	231	223	96.5	223	96.5	223	96.5	223	96.5	223	96.5	221	95.7
Flintshire LA	318	304	95.6	304	95.6	304	95.6	303	95.3	304	95.6	303	95.3
Gwynedd LA	212	211	99.5	211	99.5	211	99.5	211	99.5	208	98.1	209	98.6
Wrexham LA	328	325	99.1	325	99.1	325	99.1	325	99.1	318	97.0	322	98.2
Health Board Total	1479	1448	97.9	1448	97.9	1448	97.9	1447	97.8	1447	97.8	1417	95.8
<u>Cardiff and Vale University HB</u>													
Cardiff LA	915	878	96.0	878	96.0	878	96.0	878	96.0	878	96.0	845	92.3
Vale of Glamorgan LA	304	296	97.4	296	97.4	296	97.4	296	97.4	296	97.4	297	97.7
Health Board Total	1219	1174	96.3	1174	96.3	1174	96.3	1174	96.3	1174	96.3	1175	96.4
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	379	370	97.6	370	97.6	370	97.6	370	97.6	370	97.6	361	95.3
Merthyr Tydfil LA	164	161	98.2	161	98.2	161	98.2	161	98.2	161	98.2	159	97.0
Rhondda Cynon Taf LA	638	623	97.6	623	97.6	623	97.6	623	97.6	623	97.6	610	95.6
Health Board Total	1181	1154	97.7	1154	97.7	1154	97.7	1154	97.7	1154	97.7	1130	95.7
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	406	391	96.3	391	96.3	391	96.3	391	96.3	389	95.8	380	93.6
Ceredigion LA	148	144	97.3	144	97.3	144	97.3	144	97.3	143	96.6	137	92.6
Pembrokeshire LA	280	267	95.4	267	95.4	267	95.4	267	95.4	267	95.4	260	92.9
Health Board Total	834	802	96.2	802	96.2	802	96.2	802	96.2	802	96.2	799	95.8
<u>Powys Teaching HB</u>													
Health Board Total	248	246	99.2	246	99.2	246	99.2	246	99.2	246	99.2	244	98.4
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	330	320	97.0	320	97.0	320	97.0	320	97.0	320	97.0	315	95.5
Swansea LA	536	517	96.5	517	96.5	517	96.5	517	96.5	517	96.5	499	93.1
Health Board Total	866	837	96.7	837	96.7	837	96.7	837	96.7	837	96.7	814	94.0
Unknown	14	13	92.9	13	92.9	13	92.9	13	92.9	13	92.9	12	85.7
Wales Total	7314	7092	97.0	7092	97.0	7092	97.0	7091	97.0	7092	97.0	7085	96.9

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 01/01/21 and 31/03/21 and resident on 31/03/21. The proportion of children who have received all of these vaccines by their 4th birthday is also presented.

Area	Resident children	4 in 1 Preschool Booster ¹		HibMenC		MMR dose 2		Up to date in schedule ²	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	159	141	88.7	154	96.9	140	88.1	138	86.8
Caerphilly LA	457	412	90.2	442	96.7	410	89.7	408	89.3
Monmouthshire LA	184	172	93.5	179	97.3	170	92.4	170	92.4
Newport LA	491	438	89.2	461	93.9	434	88.4	423	86.2
Torfaen LA	274	248	90.5	261	95.3	248	90.5	247	90.1
Health Board Total	1565	1411	90.2	1497	95.7	1402	89.6	1386	88.6
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	167	157	94.0	167	100.0	157	94.0	157	94.0
Conwy LA	266	232	87.2	255	95.9	230	86.5	228	85.7
Denbighshire LA	254	226	89.0	247	97.2	227	89.4	225	88.6
Flintshire LA	383	354	92.4	368	96.1	351	91.6	350	91.4
Gwynedd LA	286	262	91.6	277	96.9	262	91.6	260	90.9
Wrexham LA	349	323	92.6	339	97.1	320	91.7	319	91.4
Health Board Total	1705	1554	91.1	1653	97.0	1547	90.7	1539	90.3
<u>Cardiff and Vale University HB</u>									
Cardiff LA	948	819	86.4	890	93.9	808	85.2	795	83.9
Vale of Glamorgan LA	397	368	92.7	383	96.5	369	92.9	364	91.7
Health Board Total	1345	1187	88.3	1273	94.6	1177	87.5	1159	86.2
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	393	365	92.9	379	96.4	362	92.1	358	91.1
Merthyr Tydfil LA	167	153	91.6	161	96.4	152	91.0	152	91.0
Rhondda Cynon Taf LA	622	562	90.4	605	97.3	560	90.0	558	89.7
Health Board Total	1182	1080	91.4	1145	96.9	1074	90.9	1068	90.4
<u>Hywel Dda University HB</u>									
Cardiganshire LA	458	399	87.1	429	93.7	394	86.0	391	85.4
Ceredigion LA	147	123	83.7	136	92.5	124	84.4	122	83.0
Pembrokeshire LA	309	271	87.7	286	92.6	269	87.1	268	86.7
Health Board Total	914	793	86.8	851	93.1	787	86.1	781	85.4
<u>Powys Teaching HB</u>									
Health Board Total	255	241	94.5	246	96.5	240	94.1	237	92.9
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	350	308	88.0	340	97.1	303	86.6	303	86.6
Swansea LA	580	508	87.6	543	93.6	505	87.1	500	86.2
Health Board Total	930	816	87.7	883	94.9	808	86.9	803	86.3
Unknown	13	12	92.3	13	100.0	12	92.3	12	92.3
Wales Total	7909	7094	89.7	7561	95.6	7047	89.1	6985	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 four years of age.

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/01/21 and 31/03/21 and resident on 31/03/21. The proportion of children who have received all of these vaccines by their 5th birthday is also presented.

Area	Resident children	4 in 1 Preschool Booster ¹	HibMenCb	MMR dose 2	Up to date in schedule ²
	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)
<u>Aneurin Bevan University HB</u>					
Blaenau Gwent LA	165	154 93.3	159 96.4	156 94.5	153 92.7
Caerphilly LA	493	470 95.3	479 97.2	469 95.1	467 94.7
Monmouthshire LA	202	198 98.0	196 97.0	196 97.0	194 96.0
Newport LA	507	455 89.7	467 92.1	455 89.7	437 86.2
Torfaen LA	269	253 94.1	258 95.9	248 92.2	244 90.7
Health Board Total	1636	1530 93.5	1559 95.3	1524 93.2	1495 91.4
<u>Betsi Cadwaladr University HB</u>					
Anglesey LA	171	164 95.9	168 98.2	163 95.3	162 94.7
Conwy LA	280	271 96.8	272 97.1	270 96.4	268 95.7
Denbighshire LA	230	221 96.1	225 97.8	219 95.2	219 95.2
Flintshire LA	373	352 94.4	364 97.6	354 94.9	351 94.1
Gwynedd LA	294	275 93.5	282 95.9	276 93.9	270 91.8
Wrexham LA	361	350 97.0	351 97.2	345 95.6	342 94.7
Health Board Total	1709	1633 95.6	1662 97.2	1627 95.2	1612 94.3
<u>Cardiff and Vale University HB</u>					
Cardiff LA	1054	962 91.3	990 93.9	956 90.7	937 88.9
Vale of Glamorgan LA	347	329 94.8	338 97.4	326 93.9	324 93.4
Health Board Total	1401	1291 92.1	1328 94.8	1282 91.5	1261 90.0
<u>Cwm Taf Morgannwg University HB</u>					
Bridgend LA	384	352 91.7	368 95.8	351 91.4	345 89.8
Merthyr Tydfil LA	177	160 90.4	168 94.9	160 90.4	158 89.3
Rhondda Cynon Taf LA	732	695 94.9	710 97.0	689 94.1	681 93.0
Health Board Total	1293	1207 93.3	1246 96.4	1200 92.8	1184 91.6
<u>Hywel Dda University HB</u>					
Carmarthenshire LA	492	455 92.5	474 96.3	452 91.9	446 90.7
Ceredigion LA	168	157 93.5	159 94.6	157 93.5	155 92.3
Pembrokeshire LA	299	270 90.3	283 94.6	267 89.3	265 88.6
Health Board Total	959	882 92.0	916 95.5	876 91.3	866 90.3
<u>Powys Teaching HB</u>					
Health Board Total	309	285 92.2	288 93.2	279 90.3	278 90.0
<u>Swansea Bay University HB</u>					
Neath Port Talbot LA	380	356 93.7	373 98.2	357 93.9	356 93.7
Swansea LA	642	581 90.5	613 95.5	587 91.4	577 89.9
Health Board Total	1022	937 91.7	986 96.5	944 92.4	933 91.3
Unknown	8	6 75.0	7 87.5	6 75.0	6 75.0
Wales Total	8337	7771 93.2	7992 95.9	7738 92.8	7635 91.6

¹ Uptake of acellular pertussis used as proxy

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

Table 7. Vaccine uptake in children reaching their 5th birthday between 01/01/21 and 31/03/21 and resident on 31/03/21.

Area	Resident children	D3	T3	P3	Po3	Hib3	MenC ¹	PCVf ²	HibMenC	MMR1	MMR2	D4	T4	aP	Po4
	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)
<u>Aneurin Bevan University HB</u>															
Blaenau Gwent LA	165	164 99.4	164 99.4	164 99.4	164 99.4	164 99.4	150 90.9	160 97	159 96.4	162 98.2	156 94.5	154 93.3	154 93.3	154 93.3	154 93.3
Caerphilly LA	493	487 98.8	487 98.8	487 98.8	487 98.8	487 98.8	438 88.8	478 97	479 97.2	485 98.4	469 95.1	470 95.3	470 95.3	470 95.3	470 95.3
Monmouthshire LA	202	194 96.0	194 96.0	194 96.0	193 95.5	193 95.5	181 89.6	195 96.5	196 97.0	198 98.0	196 97.0	198 98.0	198 98.0	198 98.0	198 98.0
Newport LA	507	486 95.9	486 95.9	486 95.9	486 95.9	486 95.9	483 95.3	392 77.3	465 91.7	467 92.1	483 95.3	455 89.7	455 89.7	455 89.7	455 89.7
Torfaen LA	269	266 98.9	266 98.9	266 98.9	266 98.9	266 98.9	242 90.0	261 97	258 95.9	261 97.0	248 92.2	253 94.1	253 94.1	253 94.1	253 94.1
Health Board Total	1636	1597 97.6	1597 97.6	1597 97.6	1596 97.6	1596 97.6	1593 97.4	1403 85.8	1559 95.3	1559 95.3	1589 97.1	1524 93.2	1530 93.5	1530 93.5	1530 93.5
<u>Betsi Cadwaladr University HB</u>															
Anglesey LA	171	170 99.4	170 99.4	170 99.4	170 99.4	170 99.4	155 90.6	168 98.2	168 98.2	169 98.8	163 95.3	164 95.9	164 95.9	164 95.9	164 95.9
Conwy LA	280	276 98.6	276 98.6	276 98.6	276 98.6	276 98.6	234 83.6	269 96.1	272 97.1	273 97.5	270 96.4	271 96.8	271 96.8	271 96.8	271 96.8
Denbighshire LA	230	223 97.0	223 97.0	223 97.0	223 97.0	223 97.0	197 85.7	216 93.9	225 97.8	224 97.4	219 95.2	221 96.1	221 96.1	221 96.1	221 96.1
Flintshire LA	373	368 98.7	368 98.7	368 98.7	368 98.7	368 98.7	326 87.4	360 96.5	364 97.6	366 98.1	354 94.9	352 94.4	352 94.4	352 94.4	352 94.4
Gwynedd LA	294	287 97.6	287 97.6	287 97.6	287 97.6	287 97.6	237 80.6	284 96.6	282 95.9	285 96.9	276 93.9	275 93.5	275 93.5	275 93.5	275 93.5
Wrexham LA	361	356 98.6	356 98.6	356 98.6	356 98.6	355 98.3	315 87.3	341 94.5	351 97.2	354 98.1	345 95.6	350 97.0	350 97.0	350 97.0	350 97.0
Health Board Total	1709	1680 98.3	1680 98.3	1680 98.3	1679 98.2	1680 98.3	1464 85.7	1638 95.8	1662 97.2	1671 97.8	1627 95.2	1633 95.6	1633 95.6	1633 95.6	1633 95.6
<u>Cardiff and Vale University HB</u>															
Cardiff LA	1054	1008 95.6	1008 95.6	1008 95.6	1008 95.6	1007 95.5	862 81.8	974 92.4	990 93.9	1008 95.6	956 90.7	962 91.3	962 91.3	962 91.3	964 91.5
Vale of Glamorgan LA	347	343 98.8	343 98.8	343 98.8	343 98.8	343 98.8	296 85.3	329 94.8	338 97.4	343 98.8	326 93.9	329 94.8	329 94.8	329 94.8	329 94.8
Health Board Total	1401	1351 96.4	1351 96.4	1351 96.4	1351 96.4	1350 96.4	1158 82.7	1303 93	1328 94.8	1351 96.4	1282 91.5	1291 92.1	1291 92.1	1291 92.1	1293 92.3
<u>Cwm Taf Morgannwg University HB</u>															
Bridgend LA	384	377 98.2	377 98.2	377 98.2	377 98.2	377 98.2	333 86.7	367 95.6	368 95.8	376 97.9	351 91.4	352 91.7	352 91.7	352 91.7	352 91.7
Merthyr Tydfil LA	177	174 98.3	174 98.3	174 98.3	174 98.3	174 98.3	164 92.7	168 94.9	168 94.9	170 96.0	160 90.4	161 91.0	160 90.4	160 90.4	160 90.4
Rhondda Cynon Taf LA	732	723 98.8	723 98.8	723 98.8	723 98.8	723 98.8	668 91.3	715 97.7	710 97.0	720 98.4	689 94.1	695 94.9	695 94.9	695 94.9	695 94.9
Health Board Total	1293	1274 98.5	1274 98.5	1274 98.5	1274 98.5	1274 98.5	1165 90.1	1250 96.7	1246 96.4	1266 97.9	1200 92.8	1208 93.4	1207 93.3	1207 93.3	1207 93.3
<u>Hywel Dda University HB</u>															
Carmarthenshire LA	492	479 97.4	479 97.4	479 97.4	479 97.4	479 97.4	431 87.6	470 95.5	474 96.3	478 97.2	452 91.9	455 92.5	455 92.5	455 92.5	455 92.5
Ceredigion LA	168	163 97.0	163 97.0	163 97.0	163 97.0	163 97.0	147 87.5	158 94	159 94.6	162 96.4	157 93.5	157 93.5	157 93.5	157 93.5	157 93.5
Pembrokeshire LA	299	289 96.7	289 96.7	289 96.7	289 96.7	288 96.3	248 82.9	280 93.6	283 94.6	284 95.0	267 89.3	270 90.3	270 90.3	270 90.3	270 90.3
Health Board Total	959	931 97.1	931 97.1	931 97.1	931 97.1	929 96.9	826 86.1	908 94.7	916 95.5	924 96.4	876 91.3	882 92.0	882 92.0	882 92.0	882 92.0
<u>Powys Teaching HB</u>															
Health Board Total	309	292 94.5	292 94.5	292 94.5	292 94.5	292 94.5	256 82.8	287 92.9	288 93.2	290 93.9	279 90.3	285 92.2	285 92.2	285 92.2	285 92.2
<u>Swansea Bay University HB</u>															
Neath Port Talbot LA	380	377 99.2	377 99.2	377 99.2	377 99.2	377 99.2	346 91.1	370 97.4	373 98.2	372 97.9	357 93.9	356 93.7	356 93.7	356 93.7	356 93.7
Swansea LA	642	621 96.7	621 96.7	621 96.7	621 96.7	619 96.4	546 85.0	603 93.9	613 95.5	614 95.6	587 91.4	581 90.5	581 90.5	581 90.5	581 90.5
Health Board Total	1022	998 97.7	998 97.7	998 97.7	998 97.7	996 97.5	892 87.3	973 95.2	986 96.5	986 96.5	944 92.4	937 91.7	937 91.7	937 91.7	937 91.7
Unknown	8	7 87.5	7 87.5	7 87.5	7 87.5	7 87.5	4 50.0	7 87.5	7 87.5	7 87.5	6 75.0	6 75.0	6 75.0	6 75.0	6 75.0
Wales Total	8337	8130 97.5	8130 97.5	8130 97.5	8128 97.5	8121 97.4	7168 86.0	7925 95.1	7992 95.9	8084 97.0	7738 92.8	7772 93.2	7771 93.2	7771 93.2	7773 93.2

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 01/09/20 and 31/08/21 (School Year 8) and resident on 31/03/21, 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	832	1 0.1	399	1 0.3	433	0 0.0
Caerphilly LA	2275	0 0.0	1085	0 0.0	1189	0 0.0
Monmouthshire LA	1069	3 0.3	527	2 0.4	542	1 0.2
Newport LA	2220	0 0.0	1072	0 0.0	1147	0 0.0
Torfaen LA	1154	0 0.0	559	0 0.0	595	0 0.0
Health Board Total	7550	4 0.1	3642	3 0.1	3906	1 0.0
<u>Betsi Cadwaladr University HB</u>						
Anglesey LA	803	497 61.9	411	272 66.2	392	225 57.4
Conwy LA	1225	405 33.1	618	229 37.1	607	176 29.0
Denbighshire LA	1148	56 4.9	548	25 4.6	599	31 5.2
Flintshire LA	1818	0 0.0	889	0 0.0	929	0 0.0
Gwynedd LA	1319	402 30.5	634	211 33.3	685	191 27.9
Wrexham LA	1663	94 5.7	819	54 6.6	843	40 4.7
Health Board Total	7976	1454 18.2	3919	791 20.2	4055	663 16.4
<u>Cardiff and Vale University HB</u>						
Cardiff LA	4513	6 0.1	2235	2 0.1	2278	4 0.2
Vale of Glamorgan LA	1686	1 0.1	817	1 0.1	869	0 0.0
Health Board Total	6199	7 0.1	3052	3 0.1	3147	4 0.1
<u>Cwm Taf Morgannwg University HB</u>						
Bridgend LA	1724	0 0.0	832	0 0.0	892	0 0.0
Merthyr Tydfil LA	769	0 0.0	376	0 0.0	393	0 0.0
Rhondda Cynon Taf LA	2919	0 0.0	1437	0 0.0	1480	0 0.0
Health Board Total	5412	0 0.0	2645	0 0.0	2765	0 0.0
<u>Hywel Dda University HB</u>						
Carmarthenshire LA	2242	1 0.0	1113	0 0.0	1129	1 0.1
Ceredigion LA	661	1 0.2	328	0 0.0	333	1 0.3
Pembrokeshire LA	1422	2 0.1	702	2 0.3	720	0 0.0
Health Board Total	4325	4 0.1	2143	2 0.1	2182	2 0.1
<u>Powys Teaching HB</u>						
Health Board Total	1465	6 0.4	691	3 0.4	774	3 0.4
<u>Swansea Bay University HB</u>						
Neath Port Talbot LA	1644	0 0.0	766	0 0.0	878	0 0.0
Swansea LA	2866	3 0.1	1429	2 0.1	1437	1 0.1
Health Board Total	4510	3 0.1	2195	2 0.1	2315	1 0.0
Unknown	93	9 9.7	42	5 11.9	51	4 7.8
Wales Total	37530	1487 4.0	18329	809 4.4	19195	678 3.5

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

Table 8b. Uptake of HPV vaccine in children reaching 14 years of age between 01/09/20 and 31/08/21 (School Year 9) and resident on 31/03/21, with breakdown of coverage for sex.

Area	Resident children (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)	Resident girls (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)	Resident boys (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 dose (n)	HPV 2 dose (%)
Aneurin Bevan University HB															
Blaenau Gwent LA	724	315	43.5	18	2.5	387	180	46.5	10	2.6	337	135	40.1	8	2.4
Caerphilly LA	2093	1168	55.8	5	0.2	1045	632	60.5	5	0.5	1048	536	51.1	0	0.0
Monmouthshire LA	1056	324	30.7	11	1.0	523	174	33.3	5	1.0	533	150	28.1	6	1.1
Newport LA	2033	963	47.4	50	2.5	983	517	52.6	32	3.3	1049	446	42.5	18	1.7
Torfaen LA	1130	570	50.4	11	1.0	544	290	53.3	5	0.9	586	280	47.8	6	1.0
Health Board Total	7036	3340	47.5	95	1.4	3482	1793	51.5	57	1.6	3553	1547	43.5	38	1.1
Betsi Cadwaladr University HB															
Anglesey LA	778	578	74.3	373	47.9	370	293	79.2	193	52.2	408	285	69.9	180	44.1
Conwy LA	1211	707	58.4	60	5.0	594	396	66.7	53	8.9	617	311	50.4	7	1.1
Denbighshire LA	1109	643	58.0	67	6.0	538	356	66.2	36	6.7	570	287	50.4	31	5.4
Flintshire LA	1811	1385	76.5	11	0.6	895	712	79.6	6	0.7	916	673	73.5	5	0.5
Gwynedd LA	1329	1112	83.7	811	61.0	655	566	86.4	433	66.1	674	546	81.0	378	56.1
Wrexham LA	1562	1149	73.6	2	0.1	740	593	80.1	1	0.1	822	556	67.6	1	0.1
Health Board Total	7800	5574	71.5	1324	17.0	3792	2916	76.9	722	19.0	4007	2658	66.3	602	15.0
Cardiff and Vale University HB															
Cardiff LA	4285	3159	73.7	11	0.3	2110	1630	77.3	9	0.4	2174	1528	70.3	2	0.1
Vale of Glamorgan LA	1614	1283	79.5	3	0.2	770	643	83.5	1	0.1	844	640	75.8	2	0.2
Health Board Total	5899	4442	75.3	14	0.2	2880	2273	78.9	10	0.3	3018	2168	71.8	4	0.1
Cwm Taf Morgannwg University HB															
Bridgend LA	1749	1260	72.0	3	0.2	850	632	74.4	2	0.2	899	628	69.9	1	0.1
Merthyr Tydfil LA	710	452	63.7	0	0.0	327	210	64.2	0	0.0	383	242	63.2	0	0.0
Rhondda Cynon Taf LA	2848	2025	71.1	5	0.2	1348	1000	74.2	2	0.1	1499	1025	68.4	3	0.2
Health Board Total	5307	3737	70.4	8	0.2	2525	1842	73.0	4	0.2	2781	1895	68.1	4	0.1
Hywel Dda University HB															
Carmarthenshire LA	2148	1840	85.7	2	0.1	1059	940	88.8	1	0.1	1087	899	82.7	1	0.1
Ceredigion LA	704	589	83.7	3	0.4	354	306	86.4	3	0.8	350	283	80.9	0	0.0
Pembrokeshire LA	1345	714	53.1	4	0.3	664	388	58.4	0	0.0	681	326	47.9	4	0.6
Health Board Total	4197	3143	74.9	9	0.2	2077	1634	78.7	4	0.2	2118	1508	71.2	5	0.2
Powys Teaching HB															
Health Board Total	1347	79	5.9	3	0.2	658	46	7.0	2	0.3	689	33	4.8	1	0.1
Swansea Bay University HB															
Neath Port Talbot LA	1632	1474	90.3	0	0.0	797	727	91.2	0	0.0	835	747	89.5	0	0.0
Swansea LA	2701	2443	90.4	5	0.2	1313	1229	93.6	2	0.2	1388	1214	87.5	3	0.2
Health Board Total	4333	3917	90.4	5	0.1	2110	1956	92.7	2	0.1	2223	1961	88.2	3	0.1
Unknown	70	40	57.1	5	7.1	33	21	63.6	4	12.1	37	19	51.4	1	2.7
Wales Total	35989	24272	67.4	1463	4.1	17557	12481	71.1	805	4.6	18426	11789	64.0	658	3.6

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

Table 9. Uptake of HPV vaccine in girls reaching 13, 14 and 15 years of age between 01/09/20 and 31/08/21 and resident on 31/03/21.

Area	13 years (2020-21 School Year 8) ¹			14 years (2020-21 School Year 9) ¹					15 years (2020-21 School Year 10)				
	Resident girls (n)	HPV 1 dose (n) (%)		Resident girls (n)	HPV 1 dose (n) (%)	HPV 2 dose (n) (%)			Resident girls (n)	HPV 1 dose (n) (%)	HPV 2 dose (n) (%)		
<u>Aneurin Bevan University HB</u>													
Blaenau Gwent LA	399	1	0.3	387	180	46.5	10	2.6	414	359	86.7	274	66.2
Caerphilly LA	1085	0	0.0	1045	632	60.5	5	0.5	1028	921	89.6	541	52.6
Monmouthshire LA	527	2	0.4	523	174	33.3	5	1.0	519	423	81.5	250	48.2
Newport LA	1072	0	0.0	983	517	52.6	32	3.3	959	788	82.2	378	39.4
Torfaen LA	559	0	0.0	544	290	53.3	5	0.9	551	486	88.2	303	55.0
Health Board Total	3642	3	0.1	3482	1793	51.5	57	1.6	3471	2977	85.8	1746	50.3
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	411	272	66.2	370	293	79.2	193	52.2	342	295	86.3	247	72.2
Conwy LA	618	229	37.1	594	396	66.7	53	8.9	596	528	88.6	328	55.0
Denbighshire LA	548	25	4.6	538	356	66.2	36	6.7	545	461	84.6	340	62.4
Flintshire LA	889	0	0.0	895	712	79.6	6	0.7	824	709	86.0	606	73.5
Gwynedd LA	634	211	33.3	655	566	86.4	433	66.1	678	620	91.4	586	86.4
Wrexham LA	819	54	6.6	740	593	80.1	1	0.1	768	664	86.5	566	73.7
Health Board Total	3919	791	20.2	3792	2916	76.9	722	19.0	3753	3277	87.3	2673	71.2
<u>Cardiff and Vale University HB</u>													
Cardiff LA	2235	2	0.1	2110	1630	77.3	9	0.4	1988	1719	86.5	1398	70.3
Vale of Glamorgan LA	817	1	0.1	770	643	83.5	1	0.1	743	692	93.1	581	78.2
Health Board Total	3052	3	0.1	2880	2273	78.9	10	0.3	2731	2411	88.3	1979	72.5
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	832	0	0.0	850	632	74.4	2	0.2	795	729	91.7	13	1.6
Merthyr Tydfil LA	376	0	0.0	327	210	64.2	0	0.0	323	290	89.8	14	4.3
Rhondda Cynon Taf LA	1437	0	0.0	1348	1000	74.2	2	0.1	1407	1311	93.2	45	3.2
Health Board Total	2645	0	0.0	2525	1842	73.0	4	0.2	2525	2330	92.3	72	2.9
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	1113	0	0.0	1059	940	88.8	1	0.1	1011	903	89.3	828	81.9
Ceredigion LA	328	0	0.0	354	306	86.4	3	0.8	301	266	88.4	247	82.1
Pembrokeshire LA	702	2	0.3	664	388	58.4	0	0.0	614	541	88.1	281	45.8
Health Board Total	2143	2	0.1	2077	1634	78.7	4	0.2	1926	1710	88.8	1356	70.4
<u>Powys Teaching HB</u>													
Health Board Total	691	3	0.4	658	46	7.0	2	0.3	686	590	86.0	44	6.4
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	766	0	0.0	797	727	91.2	0	0.0	802	774	96.5	709	88.4
Swansea LA	1429	2	0.1	1313	1229	93.6	2	0.2	1228	1152	93.8	1101	89.7
Health Board Total	2195	2	0.1	2110	1956	92.7	2	0.1	2030	1926	94.9	1810	89.2
Unknown	42	5	11.9	33	21	63.6	4	12.1	32	27	84.4	19	59.4
Wales Total	18329	809	4.4	17557	12481	71.1	805	4.6	17154	15248	88.9	9699	56.5

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 01/09/20 and 31/08/21 and resident on 31/03/21.

Area	14 years (2020-21 School Year 9) ¹			15 years (2020-21 School Year 10)			16 years (2020-21 School Year 11) ¹			17 years (2020-21 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	724	69	9.5	776	649	83.6	689	605	87.8	771	684	88.7
Caerphilly LA	2093	355	17.0	2140	1746	81.6	2076	1806	87.0	2152	1809	84.1
Monmouthshire LA	1056	29	2.7	1080	820	75.9	1102	883	80.1	1145	904	79.0
Newport LA	2033	451	22.2	1918	1474	76.9	1914	1585	82.8	1904	1505	79.0
Torfaen LA	1130	480	42.5	1139	855	75.1	1122	969	86.4	1014	904	89.2
Health Board Total	7036	1384	19.7	7053	5544	78.6	6903	5848	84.7	6986	5806	83.1
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	778	75	9.6	719	543	75.5	711	594	83.5	737	650	88.2
Conwy LA	1211	670	55.3	1231	981	79.7	1172	1047	89.3	1170	1055	90.2
Denbighshire LA	1109	602	54.3	1094	812	74.2	1109	923	83.2	1096	968	88.3
Flintshire LA	1811	570	31.5	1695	1054	62.2	1649	1376	83.4	1653	1461	88.4
Gwynedd LA	1329	194	14.6	1354	1035	76.4	1260	1107	87.9	1166	1054	90.4
Wrexham LA	1562	99	6.3	1569	1090	69.5	1504	1257	83.6	1440	1282	89.0
Health Board Total	7800	2210	28.3	7662	5515	72.0	7405	6304	85.1	7262	6470	89.1
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4285	2935	68.5	4133	3162	76.5	4031	3099	76.9	3817	2926	76.7
Vale of Glamorgan LA	1614	1124	69.6	1507	1268	84.1	1518	1251	82.4	1463	1208	82.6
Health Board Total	5899	4059	68.8	5640	4430	78.5	5549	4350	78.4	5280	4134	78.3
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1749	6	0.3	1637	1435	87.7	1693	1549	91.5	1596	1355	84.9
Merthyr Tydfil LA	710	1	0.1	702	618	88.0	711	640	90.0	673	595	88.4
Rhondda Cynon Taf LA	2848	38	1.3	2869	2559	89.2	2879	2642	91.8	2677	2471	92.3
Health Board Total	5307	45	0.8	5208	4612	88.6	5283	4831	91.4	4946	4421	89.4
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2148	6	0.3	2118	1398	66.0	2018	1786	88.5	2007	1770	88.2
Ceredigion LA	704	2	0.3	608	472	77.6	660	580	87.9	675	594	88.0
Pembrokeshire LA	1345	5	0.4	1368	807	59.0	1261	1058	83.9	1261	1056	83.7
Health Board Total	4197	13	0.3	4094	2677	65.4	3939	3424	86.9	3943	3420	86.7
<u>Powys Teaching HB</u>												
Health Board Total	1347	11	0.8	1356	1110	81.9	1406	1238	88.1	1344	1201	89.4
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1632	1	0.1	1622	1343	82.8	1661	1536	92.5	1516	1378	90.9
Swansea LA	2701	20	0.7	2611	2037	78.0	2552	2344	91.8	2577	2348	91.1
Health Board Total	4333	21	0.5	4233	3380	79.8	4213	3880	92.1	4093	3726	91.0
Unknown	70	13	18.6	78	59	75.6	93	76	81.7	107	90	84.1
Wales Total	35989	7756	21.6	35324	27327	77.4	34791	29951	86.1	33961	29268	86.2

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 2020-21 school year 9 reaching their 14th birthday between 01/09/20 and 31/08/21 and resident on 31/03/21, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ^{1,2}		MenACWY ²		Resident girls	MMR1 (girls)		MMR2 (girls)		Resident boys	MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)				(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	724	704	97.2	683	94.3	55	7.6	69	9.5		387	374	96.6	362	93.5	337	330	97.9	321	95.3
Caerphilly LA	2093	2042	97.6	1988	95.0	362	17.3	355	17.0		1045	1026	98.2	1000	95.7	1048	1016	96.9	988	94.3
Monmouthshire LA	1056	1003	95.0	973	92.1	33	3.1	29	2.7		523	493	94.3	482	92.2	533	510	95.7	491	92.1
Newport LA	2033	1933	95.1	1856	91.3	455	22.4	451	22.2		983	939	95.5	905	92.1	1049	994	94.8	951	90.7
Torfaen LA	1130	1112	98.4	1080	95.6	478	42.3	480	42.5		544	537	98.7	522	96.0	586	575	98.1	558	95.2
Health Board Total	7036	6794	96.6	6580	93.5	1383	19.7	1384	19.7		3482	3369	96.8	3271	93.9	3553	3425	96.4	3309	93.1
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	778	747	96.0	725	93.2	83	10.7	75	9.6		370	356	96.2	346	93.5	408	391	95.8	379	92.9
Conwy LA	1211	1152	95.1	1122	92.7	643	53.1	670	55.3		594	567	95.5	559	94.1	617	585	94.8	563	91.2
Denbighshire LA	1109	1059	95.5	1040	93.8	520	46.9	602	54.3		538	517	96.1	506	94.1	570	542	95.1	534	93.7
Flintshire LA	1811	1705	94.1	1667	92.0	562	31.0	570	31.5		895	840	93.9	824	92.1	916	865	94.4	843	92.0
Gwynedd LA	1329	1252	94.2	1210	91.0	209	15.7	194	14.6		655	618	94.4	595	90.8	674	634	94.1	615	91.2
Wrexham LA	1562	1497	95.8	1469	94.0	101	6.5	99	6.3		740	714	96.5	699	94.5	822	783	95.3	770	93.7
Health Board Total	7800	7412	95.0	7233	92.7	2118	27.2	2210	28.3		3792	3612	95.3	3529	93.1	4007	3800	94.8	3704	92.4
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	4285	4050	94.5	3854	89.9	2934	68.5	2935	68.5		2110	2002	94.9	1898	90.0	2174	2047	94.2	1955	89.9
Vale of Glamorgan LA	1614	1549	96.0	1489	92.3	1128	69.9	1124	69.6		770	740	96.1	713	92.6	844	809	95.9	776	91.9
Health Board Total	5899	5599	94.9	5343	90.6	4062	68.9	4059	68.8		2880	2742	95.2	2611	90.7	3018	2856	94.6	2731	90.5
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	1749	1688	96.5	1610	92.1	11	0.6	6	0.3		850	825	97.1	789	92.8	899	863	96.0	821	91.3
Merthyr Tydfil LA	710	687	96.8	666	93.8	3	0.4	1	0.1		327	315	96.3	303	92.7	383	372	97.1	363	94.8
Rhondda Cynon Taf LA	2848	2777	97.5	2711	95.2	43	1.5	38	1.3		1348	1314	97.5	1284	95.3	1499	1462	97.5	1426	95.1
Health Board Total	5307	5152	97.1	4987	94.0	57	1.1	45	0.8		2525	2454	97.2	2376	94.1	2781	2697	97.0	2610	93.9
<u>Hywel Dda University HB</u>																				
Carmarthenshire LA	2148	2021	94.1	1948	90.7	15	0.7	6	0.3		1059	998	94.2	962	90.8	1087	1021	93.9	984	90.5
Ceredigion LA	704	664	94.3	640	90.9	4	0.6	2	0.3		354	334	94.4	321	90.7	350	330	94.3	319	91.1
Pembrokeshire LA	1345	1250	92.9	1186	88.2	4	0.3	5	0.4		664	624	94.0	596	89.8	681	626	91.9	590	86.6
Health Board Total	4197	3935	93.8	3774	89.9	23	0.5	13	0.3		2077	1956	94.2	1879	90.5	2118	1977	93.3	1893	89.4
<u>Powys Teaching HB</u>																				
Health Board Total	1347	1276	94.7	1223	90.8	12	0.9	11	0.8		658	623	94.7	599	91.0	689	653	94.8	624	90.6
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	1632	1582	96.9	1535	94.1	4	0.2	1	0.1		797	776	97.4	752	94.4	835	806	96.5	783	93.8
Swansea LA	2701	2555	94.6	2473	91.6	23	0.9	20	0.7		1313	1245	94.8	1202	91.5	1388	1310	94.4	1271	91.6
Health Board Total	4333	4137	95.5	4008	92.5	27	0.6	21	0.5		2110	2021	95.8	1954	92.6	2223	2116	95.2	2054	92.4
Unknown	70	64	91.4	63	90.0	13	18.6	13	18.6		33	31	93.9	31	93.9	37	33	89.2	32	86.5
Wales Total	35989	34369	95.5	33211	92.3	7695	21.4	7756	21.6		17557	16808	95.7	16250	92.6	18426	17557	95.3	16957	92.0

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 2020-21 school year 10 reaching their 15th birthday between 01/09/20 and 31/08/21 and resident on 31/03/21, 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>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	776	756	97.4	737	95.0	648	83.5	649	83.6		414	408	98.6	398	96.1	362	348	96.1	339	93.6			
Caerphilly LA	2140	2098	98.0	2037	95.2	1744	81.5	1746	81.6		1028	1017	98.9	987	96.0	1112	1081	97.2	1050	94.4			
Monmouthshire LA	1080	1006	93.1	974	90.2	817	75.6	820	75.9		519	491	94.6	476	91.7	561	515	91.8	498	88.8			
Newport LA	1918	1823	95.0	1739	90.7	1468	76.5	1474	76.9		959	916	95.5	879	91.7	958	907	94.7	860	89.8			
Torfaen LA	1139	1103	96.8	1056	92.7	853	74.9	855	75.1		551	532	96.6	514	93.3	588	571	97.1	542	92.2			
Health Board Total	7053	6786	96.2	6543	92.8	5530	78.4	5544	78.6		3471	3364	96.9	3254	93.7	3581	3422	95.6	3289	91.8			
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	719	687	95.5	666	92.6	552	76.8	543	75.5		342	326	95.3	316	92.4	377	361	95.8	350	92.8			
Conwy LA	1231	1160	94.2	1136	92.3	978	79.4	981	79.7		596	551	92.4	537	90.1	634	608	95.9	598	94.3			
Denbighshire LA	1094	1053	96.3	1017	93.0	805	73.6	812	74.2		545	526	96.5	502	92.1	549	527	96.0	515	93.8			
Flintshire LA	1695	1609	94.9	1549	91.4	1052	62.1	1054	62.2		824	776	94.2	748	90.8	871	833	95.6	801	92.0			
Gwynedd LA	1354	1295	95.6	1258	92.9	1045	77.2	1035	76.4		678	654	96.5	630	92.9	676	641	94.8	628	92.9			
Wrexham LA	1569	1513	96.4	1475	94.0	1083	69.0	1090	69.5		768	746	97.1	731	95.2	801	767	95.8	744	92.9			
Health Board Total	7662	7317	95.5	7101	92.7	5515	72.0	5515	72.0		3753	3579	95.4	3464	92.3	3908	3737	95.6	3636	93.0			
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	4133	3881	93.9	3652	88.4	3160	76.5	3162	76.5		1988	1866	93.9	1749	88.0	2145	2015	93.9	1903	88.7			
Vale of Glamorgan LA	1507	1444	95.8	1385	91.9	1269	84.2	1268	84.1		743	714	96.1	688	92.6	764	730	95.5	697	91.2			
Health Board Total	5640	5325	94.4	5037	89.3	4429	78.5	4430	78.5		2731	2580	94.5	2437	89.2	2909	2745	94.4	2600	89.4			
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	1637	1557	95.1	1488	90.9	1434	87.6	1435	87.7		795	758	95.3	729	91.7	841	798	94.9	758	90.1			
Merthyr Tydfil LA	702	667	95.0	644	91.7	618	88.0	618	88.0		323	305	94.4	291	90.1	379	362	95.5	353	93.1			
Rhondda Cynon Taf LA	2869	2761	96.2	2669	93.0	2552	89.0	2559	89.2		1407	1360	96.7	1324	94.1	1462	1401	95.8	1345	92.0			
Health Board Total	5208	4985	95.7	4801	92.2	4604	88.4	4612	88.6		2525	2423	96.0	2344	92.8	2682	2561	95.5	2456	91.6			
<u>Hywel Dda University HB</u>																							
Cardiganshire LA	2118	1981	93.5	1929	91.1	1394	65.8	1398	66.0		1011	955	94.5	928	91.8	1107	1026	92.7	1001	90.4			
Ceredigion LA	608	580	95.4	563	92.6	474	78.0	472	77.6		301	287	95.3	279	92.7	307	293	95.4	284	92.5			
Pembrokeshire LA	1368	1285	93.9	1227	89.7	812	59.4	807	59.0		614	583	95.0	560	91.2	754	702	93.1	667	88.5			
Health Board Total	4094	3846	93.9	3719	90.8	2680	65.5	2677	65.4		1926	1825	94.8	1767	91.7	2168	2021	93.2	1952	90.0			
<u>Powys Teaching HB</u>																							
Health Board Total	1356	1257	92.7	1197	88.3	1102	81.3	1110	81.9		686	636	92.7	604	88.0	670	621	92.7	593	88.5			
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	1622	1567	96.6	1517	93.5	1337	82.4	1343	82.8		802	782	97.5	757	94.4	820	785	95.7	760	92.7			
Swansea LA	2611	2492	95.4	2387	91.4	2023	77.5	2037	78.0		1228	1168	95.1	1125	91.6	1383	1324	95.7	1262	91.3			
Health Board Total	4233	4059	95.9	3904	92.2	3360	79.4	3380	79.8		2030	1950	96.1	1882	92.7	2203	2109	95.7	2022	91.8			
Unknown	78	74	94.9	72	92.3	60	76.9	59	75.6		32	31	96.9	31	96.9	46	43	93.5	41	89.1			
Wales Total	35324	33649	95.3	32374	91.6	27280	77.2	27327	77.4		17154	16388	95.5	15783	92.0	18167	17259	95.0	16589	91.3			

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 2020-21 school year 11 reaching their 16th birthday between 01/09/20 and 31/08/21 and resident on 31/03/21, 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	689	669	97.1	653	94.8	606	88.0	605	87.8	342	332	97.1	324	94.7	347	337	97.1	329	94.8
Caerphilly LA	2076	2023	97.4	1971	94.9	1801	86.8	1806	87.0	1014	993	97.9	970	95.7	1062	1030	97.0	1001	94.3
Monmouthshire LA	1102	1035	93.9	1006	91.3	878	79.7	883	80.1	528	496	93.9	482	91.3	574	539	93.9	524	91.3
Newport LA	1914	1823	95.2	1753	91.6	1577	82.4	1585	82.8	955	910	95.3	880	92.1	956	911	95.3	873	91.3
Torfaen LA	1122	1092	97.3	1066	95.0	983	87.6	969	86.4	548	532	97.1	524	95.6	574	560	97.6	542	94.4
Health Board Total	6903	6642	96.2	6449	93.4	5845	84.7	5848	84.7	3387	3263	96.3	3180	93.9	3513	3377	96.1	3269	93.1
<u>Betsi Cadwaladr University HB</u>																			
Anglesey LA	711	668	94.0	648	91.1	600	84.4	594	83.5	344	325	94.5	315	91.6	367	343	93.5	333	90.7
Conwy LA	1172	1111	94.8	1079	92.1	1039	88.7	1047	89.3	535	510	95.3	497	92.9	637	601	94.3	582	91.4
Denbighshire LA	1109	1037	93.5	999	90.1	913	82.3	923	83.2	533	500	93.8	482	90.4	576	537	93.2	517	89.8
Flintshire LA	1649	1563	94.8	1513	91.8	1374	83.3	1376	83.4	814	774	95.1	750	92.1	835	789	94.5	763	91.4
Gwynedd LA	1260	1220	96.8	1189	94.4	1108	87.9	1107	87.9	634	620	97.8	601	94.8	626	600	95.8	588	93.9
Wrexham LA	1504	1456	96.8	1413	93.9	1251	83.2	1257	83.6	739	715	96.8	688	93.1	765	741	96.9	725	94.8
Health Board Total	7405	7055	95.3	6841	92.4	6285	84.9	6304	85.1	3599	3444	95.7	3333	92.6	3806	3611	94.9	3508	92.2
<u>Cardiff and Vale University HB</u>																			
Cardiff LA	4031	3763	93.4	3557	88.2	3105	77.0	3099	76.9	1998	1877	93.9	1784	89.3	2032	1886	92.8	1773	87.3
Vale of Glamorgan LA	1518	1449	95.5	1383	91.1	1251	82.4	1251	82.4	764	724	94.8	690	90.3	753	725	96.3	693	92.0
Health Board Total	5549	5212	93.9	4940	89.0	4356	78.5	4350	78.4	2762	2601	94.2	2474	89.6	2785	2611	93.8	2466	88.5
<u>Cwm Taf Morgannwg University HB</u>																			
Bridgend LA	1693	1621	95.7	1552	91.7	1543	91.1	1549	91.5	793	763	96.2	737	92.9	900	858	95.3	815	90.6
Merthyr Tydfil LA	711	681	95.8	651	91.6	637	89.6	640	90.0	355	339	95.5	324	91.3	356	342	96.1	327	91.9
Rhondda Cynon Taf LA	2879	2763	96.0	2652	92.1	2649	92.0	2642	91.8	1402	1350	96.3	1302	92.9	1476	1413	95.7	1350	91.5
Health Board Total	5283	5065	95.9	4855	91.9	4829	91.4	4831	91.4	2550	2452	96.2	2363	92.7	2732	2613	95.6	2492	91.2
<u>Hywel Dda University HB</u>																			
Cardemarthenshire LA	2018	1920	95.1	1873	92.8	1789	88.7	1786	88.5	979	939	95.9	912	93.2	1039	981	94.4	961	92.5
Ceredigion LA	660	627	95.0	603	91.4	582	88.2	580	87.9	298	280	94.0	268	89.9	362	347	95.9	335	92.5
Pembrokeshire LA	1261	1208	95.8	1146	90.9	1067	84.6	1058	83.9	620	596	96.1	561	90.5	641	612	95.5	585	91.3
Health Board Total	3939	3755	95.3	3622	92.0	3438	87.3	3424	86.9	1897	1815	95.7	1741	91.8	2042	1940	95.0	1881	92.1
<u>Powys Teaching HB</u>																			
Health Board Total	1406	1310	93.2	1249	88.8	1230	87.5	1238	88.1	677	638	94.2	615	90.8	729	672	92.2	634	87.0
<u>Swansea Bay University HB</u>																			
Neath Port Talbot LA	1661	1584	95.4	1502	90.4	1529	92.1	1536	92.5	828	787	95.0	754	91.1	833	797	95.7	748	89.8
Swansea LA	2552	2393	93.8	2291	89.8	2329	91.3	2344	91.8	1185	1112	93.8	1061	89.5	1367	1281	93.7	1230	90.0
Health Board Total	4213	3977	94.4	3793	90.0	3858	91.6	3880	92.1	2013	1899	94.3	1815	90.2	2200	2078	94.5	1978	89.9
Unknown	93	86	92.5	84	90.3	78	83.9	76	81.7	45	41	91.1	40	88.9	48	45	93.8	44	91.7
Wales Total	34791	33102	95.1	31833	91.5	29919	86.0	29951	86.1	16930	16153	95.4	15561	91.9	17855	16947	94.9	16272	91.1

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 01/01/21 and 31/03/21 and resident on 31/03/21, with breakdown of MMR1 and MMR2 coverage by sex

Area	Resident children				Teenage 3 in 1 booster ¹					Resident girls		MMR1 (girls)			MMR2 (girls)		Resident boys		MMR1 (boys)			MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)		
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)		
Blaenau Gwent LA	167	162	97.0	157	94.0	146	87.4	146	87.4	81	78	96.3	74	91.4	86	84	97.7	83	96.5				
Caerphilly LA	513	497	96.9	483	94.2	440	85.8	442	86.2	241	234	97.1	230	95.4	272	263	96.7	253	93.0				
Monmouthshire LA	261	243	93.1	238	91.2	208	79.7	208	79.7	116	109	94.0	107	92.2	145	134	92.4	131	90.3				
Newport LA	471	445	94.5	426	90.4	399	84.7	398	84.5	236	222	94.1	213	90.3	234	222	94.9	213	91.0				
Torfaen LA	275	268	97.5	262	95.3	248	90.2	248	90.2	128	125	97.7	122	95.3	147	143	97.3	140	95.2				
Health Board Total	1687	1615	95.7	1566	92.8	1441	85.4	1442	85.5	802	768	95.8	746	93.0	884	846	95.7	820	92.8				
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	168	159	94.6	150	89.3	139	82.7	137	81.5	88	82	93.2	77	87.5	80	77	96.3	73	91.3				
Conwy LA	285	269	94.4	261	91.6	248	87.0	251	88.1	127	121	95.3	119	93.7	158	148	93.7	142	89.9				
Denbighshire LA	255	240	94.1	231	90.6	209	82.0	213	83.5	119	110	92.4	106	89.1	136	130	95.6	125	91.9				
Flintshire LA	390	367	94.1	360	92.3	319	81.8	319	81.8	185	173	93.5	169	91.4	205	194	94.6	191	93.2				
Gwynedd LA	297	288	97.0	281	94.6	263	88.6	262	88.2	157	152	96.8	147	93.6	140	136	97.1	134	95.7				
Wrexham LA	367	355	96.7	345	94.0	303	82.6	303	82.6	185	179	96.8	173	93.5	182	176	96.7	172	94.5				
Health Board Total	1762	1678	95.2	1628	92.4	1481	84.1	1485	84.3	861	817	94.9	791	91.9	901	861	95.6	837	92.9				
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	988	913	92.4	863	87.3	765	77.4	763	77.2	488	451	92.4	429	87.9	500	462	92.4	434	86.8				
Vale of Glamorgan LA	363	351	96.7	338	93.1	314	86.5	312	86.0	190	183	96.3	174	91.6	173	168	97.1	164	94.8				
Health Board Total	1351	1264	93.6	1201	88.9	1079	79.9	1075	79.6	678	634	93.5	603	88.9	673	630	93.6	598	88.9				
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	403	387	96.0	373	92.6	375	93.1	377	93.5	184	176	95.7	169	91.8	219	211	96.3	204	93.2				
Merthyr Tydfil LA	172	165	95.9	157	91.3	158	91.9	158	91.9	97	94	96.9	92	94.8	75	71	94.7	65	86.7				
Rhondda Cynon Taf LA	693	661	95.4	636	91.8	636	91.8	634	91.5	336	320	95.2	310	92.3	357	341	95.5	326	91.3				
Health Board Total	1268	1213	95.7	1166	92.0	1169	92.2	1169	92.2	617	590	95.6	571	92.5	651	623	95.7	595	91.4				
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	477	456	95.6	446	93.5	424	88.9	421	88.3	250	240	96.0	233	93.2	227	216	95.2	213	93.8				
Ceredigion LA	151	140	92.7	137	90.7	132	87.4	130	86.1	67	63	94.0	62	92.5	84	77	91.7	75	89.3				
Pembrokeshire LA	295	288	97.6	270	91.5	254	86.1	254	86.1	148	145	98.0	136	91.9	147	143	97.3	134	91.2				
Health Board Total	923	884	95.8	853	92.4	810	87.8	805	87.2	465	448	96.3	431	92.7	458	436	95.2	422	92.1				
<u>Powys Teaching HB</u>																							
Health Board Total	336	314	93.5	300	89.3	298	88.7	302	89.9	142	136	95.8	129	90.8	194	178	91.8	171	88.1				
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	390	371	95.1	353	90.5	356	91.3	359	92.1	192	181	94.3	175	91.1	198	190	96.0	178	89.9				
Swansea LA	607	561	92.4	533	87.8	546	90.0	551	90.8	267	243	91.0	235	88.0	340	318	93.5	298	87.6				
Health Board Total	997	932	93.5	886	88.9	902	90.5	910	91.3	459	424	92.4	410	89.3	538	508	94.4	476	88.5				
Unknown	17	15	88.2	15	88.2	14	82.4	14	82.4	7	6	85.7	6	85.7	10	9	90.0	9	90.0				
Wales Total	8341	7915	94.9	7615	91.3	7194	86.2	7202	86.3	4031	3823	94.8	3687	91.5	4309	4091	94.9	3928	91.2				

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 01/01/21 and 31/03/21 and resident on 31/03/21.¹

Area	1 yr			2 yrs			5 yrs			16 yrs		
	Resident children	BCG Immunised		Resident children	BCG Immunised		Resident children	BCG Immunised		Resident children	BCG Immunised	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
Blaenau Gwent LA	173	5	2.9	166	3	1.8	165	5	3.0	167	4	2.4
Caerphilly LA	454	9	2.0	435	13	3.0	493	13	2.6	513	11	2.1
Monmouthshire LA	187	7	3.7	164	6	3.7	202	13	6.4	261	8	3.1
Newport LA	410	56	13.7	482	78	16.2	507	79	15.6	471	70	14.9
Torfaen LA	212	7	3.3	226	5	2.2	269	8	3.0	275	5	1.8
Health Board Total	1436	84	5.8	1473	105	7.1	1636	118	7.2	1687	98	5.8
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	133	0	0.0	149	2	1.3	171	1	0.6	168	2	1.2
Conwy LA	241	9	3.7	241	12	5.0	280	12	4.3	285	5	1.8
Denbighshire LA	220	8	3.6	231	12	5.2	230	16	7.0	255	21	8.2
Flintshire LA	322	24	7.5	318	16	5.0	373	10	2.7	390	16	4.1
Gwynedd LA	273	4	1.5	212	8	3.8	294	13	4.4	297	7	2.4
Wrexham LA	330	23	7.0	328	15	4.6	361	35	9.7	367	20	5.4
Health Board Total	1519	68	4.5	1479	65	4.4	1709	87	5.1	1762	71	4.0
<u>Cardiff and Vale University HB</u>												
Cardiff LA	935	174	18.6	915	30	3.3	1054	156	14.8	988	185	18.7
Vale of Glamorgan LA	306	13	4.2	304	3	1.0	347	7	2.0	363	20	5.5
Health Board Total	1241	187	15.1	1219	33	2.7	1401	163	11.6	1351	205	15.2
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	314	7	2.2	379	18	4.7	384	21	5.5	403	8	2.0
Merthyr Tydfil LA	148	12	8.1	164	7	4.3	177	15	8.5	172	3	1.7
Rhondda Cynon Taf LA	590	16	2.7	638	21	3.3	732	30	4.1	693	15	2.2
Health Board Total	1052	35	3.3	1181	46	3.9	1293	66	5.1	1268	26	2.1
<u>Hywel Dda University HB</u>												
Cardiganshire LA	394	5	1.3	406	11	2.7	492	21	4.3	477	21	4.4
Ceredigion LA	123	2	1.6	148	3	2.0	168	8	4.8	151	6	4.0
Pembrokeshire LA	264	2	0.8	280	4	1.4	299	7	2.3	295	3	1.0
Health Board Total	781	9	1.2	834	18	2.2	959	36	3.8	923	30	3.3
<u>Powys Teaching Health Board</u>												
Health Board Total	240	3	1.3	248	4	1.6	309	8	2.6	336	10	3.0
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	320	9	2.8	330	8	2.4	380	14	3.7	390	12	3.1
Swansea LA	493	57	11.6	536	55	10.3	642	69	10.7	607	47	7.7
Health Board Total	813	66	8.1	866	63	7.3	1022	83	8.1	997	59	5.9
Unknown	0	0	0.0	14	1	7.1	8	0	0.0	17	0	0.0
Wales Total	7089	453	6.4	7314	335	4.6	8337	561	6.7	8341	499	6.0

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

Table 16. Uptake of hepatitis B immunisation in children, reaching their 1st, 2nd, and 5th birthdays during between 01/01/21 and 31/03/21 and resident on 31/03/21, 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	1436	1	100.0	100.0	100.0	1473	2	100.0	100.0	100.0	-	1636	1	100.0	100.0	100.0	-
Betsi Cadwaladr UHB	1519	2	100.0	100.0	100.0	1479	2	100.0	100.0	100.0	100.0	1709	2	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1241	1	100.0	100.0	100.0	1219	5	100.0	100.0	100.0	20.0	1401	6	100.0	100.0	100.0	66.7
Cwm Taf Morgannwg UHB	1052	0	-	-	-	1181	1	100.0	100.0	100.0	100.0	1293	3	100.0	100.0	100.0	33.3
Hywel Dda UHB	781	0	-	-	-	834	0	-	-	-	-	959	0	-	-	-	-
Powys Teaching HB	240	0	-	-	-	248	1	100.0	100.0	100.0	100.0	309	0	-	-	-	-
Swansea Bay UHB	813	5	100.0	100.0	100.0	866	3	100.0	100.0	100.0	100.0	1022	2	100.0	100.0	100.0	50.0
Unknown	7	0	-	-	-	14	0	-	-	-	-	8	0	-	-	-	-
Wales Total	7089	10	100.0	90.0	90.0	7314	14	100.0	100.0	100.0	57.1	8337	14	100.0	100.0	100.0	57.1

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.