

Vaccine Uptake in Children in Wales

April to June 2021

COVER 139: Wales September 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 95.3% this quarter and was 95% or higher in five of the seven Health Boards (HBs) and 14 of the 22 Local Authority (LA) areas.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 94.6% this quarter. Four HBs and 13 LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 94.8% this quarter. Four HBs and 13 LA areas achieved an uptake of 95% or over.
- The proportion of children up to date with all routine immunisations by four years of age was 87.8% this quarter and was 90.8% 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 currently 60.1%. 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 two doses of HPV in the 2020-21 school year 9 children (13-14 year olds), the first HPV cohort to include boys, is currently 28.5%.
- Uptake of routine MenACWY vaccine in the 2020-21 school year 9 cohort is 68.1%. Coverage of the MenACWY vaccine in the 2020-21 school year 10 cohort is 79.6%.
- Uptake of the Td/IPV teenage booster in the 2020-21 school year 9 cohort is 67.4%. Coverage of the Td/IPV teenage booster in the 2020-21 school year 10 is 79.4%.
- Coverage of one dose of MMR vaccine in the 2020-21 school year 10 (age 14-15 years) was 95.2%, 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 June 2021 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/04/2021 to 30/06/2021. 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 95.3% this quarter, compared to 95.1% last quarter. Uptake ranged by HB from 93.4% (Cardiff and Vale) to 97.3% (Powys Teaching) and by LA from 92.6% (Cardiff) to 99.3% (Isle of Anglesey). Five of the seven HBs and 14 of the 22 LA areas achieved the target 95% uptake (Figures 2, 3 and 6, Tables 2 and 3).
2. Uptake of pneumococcal conjugate vaccination (PCV) in children reaching their first birthday increased to 97.0% this quarter, compared to 96.5% last quarter. This is the second quarterly cohort of children to be on the new one dose primary PCV course [1]. Uptake ranged by LA from 94.8% (Cardiff) to 99.3% (Isle of Anglesey). All seven HBs and 20 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 95.5% this quarter. Uptake in HBs ranged from 92.7% (Cardiff and Vale) to 97.3% (Powys Teaching) and ranged by LA from 92.1% (Cardiff) to 99.3% (Isle of Anglesey) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday was 93.5% this quarter, compared to 93.6% last quarter. Uptake in HBs ranged from 90.9% (Cardiff and Vale) to 95.7% (Cwm Taf Morgannwg) and ranged by LA from 89.9% (Denbighshire) to 97.4% (Isle of Anglesey and Monmouthshire) (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 94.8% this quarter. Uptake ranged by HB from 92.7% (Cardiff and Vale) to 96.9% (Cwm Taf Morgannwg) and by LA area from 91.6% (Cardiff) to 97.8% (Monmouthshire). Four HBs and 13 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 to 94.6% this quarter compared to 93.9% last quarter. Uptake ranged by HB from 91.8% (Cardiff and Vale) to 96.8% (Cwm Taf Morgannwg) and by LA from 90.7% (Cardiff) to 98.5% (Isle of Anglesey). Four of the seven HBs and 13 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 increased to 95.0% compared to 94.3% last quarter. Uptake ranged by HB from 92.9% (Cardiff and Vale) to 97.3% (Cwm Taf Morgannwg) and ranged by LA from 91.9% (Cardiff) to 98.5% (Isle of Anglesey). Five HBs and fourteen 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 increased to 94.8% this quarter compared to 94.0% last quarter. Uptake ranged by HB from 92.7% (Cardiff and Vale) to 96.8% (Cwm Taf Morgannwg), and ranged by LA from 91.7% (Cardiff) to 98.5% (Isle of Anglesey). Four HBs and fourteen 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 89.0%
 - The Hib/MenC booster was 95.7%
 - Two doses of MMR was 88.7%

The proportion of children who were up to date with all these routine immunisations at four years of age was 87.8%. This ranged by HB from 85.1% (Cardiff and Vale) to 91.9% (Powys

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

² MMR protects against measles, mumps and rubella infections.

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

Teaching) and by LA from 82.8% (Newport) to 93.0% (Monmouthshire) (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 90.8%, a decrease compared to 91.6% last quarter. This ranged by HB from 88.9% (Hywel Dda) to 93.8% (Betsi Cadwaladr) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 96.5%. Coverage of two doses of MMR was 91.7%. Coverage of two doses of MMR ranged by HB from 90.1% (Hywel Dda) to 94.1% (Betsi Cadwaladr) and by LA from 87.7% (Newport) to 96.0% (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 92.2% this quarter compared to 93.2% last quarter, ranging by HB from 90.4% (Hywel Dda) to 94.9% (Betsi Cadwaladr) and by LA from 88.1% (Newport) to 97.0% (Gwynedd). Three 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) has increased to 60.1% compared to 4.0% last quarter. 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.
14. Coverage of the first dose of HPV vaccine in the 2020-21 school year 9 cohort is currently 77.6% (80.5% in girls and 74.9% in boys) and uptake of the second dose in this age group is currently 28.5% (30.3% in girls and 26.8% 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 64.1% (Table 9).
16. Current uptake of the MenACWY vaccine in the 2020-21 routine school year 9 cohort is 68.1% (Table 10 and 11). Coverage in the 2020-21 school years 10, 11 and 12, is currently 79.6%, 86.2% 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 67.4%. Coverage of two doses of MMR in this year group is currently 92.5% and coverage of one dose is 95.8%. Coverage of two doses of MMR vaccine ranged by HB from 90.0% (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 92.8% (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 79.4%. Coverage ranged by HB from 67.4% (Hywel Dda) to 90.7% (Cwm Taf Morgannwg). Coverage of two doses of MMR in this year group was 91.6% and coverage of one dose was 95.2%. Coverage of two doses of MMR vaccine ranged by HB from 88.3% (Powys Teaching) to 92.9% (Betsi Cadwaladr). 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 86.1%. Coverage ranged by HB from 78.7% (Cardiff and Vale) to 91.5% (Cwm Taf Morgannwg). Coverage of two doses of MMR in this year group was 91.5% and coverage of one dose was 95.1%. Coverage of two doses of MMR vaccine ranged by HB from 88.8% (Powys Teaching) to 93.3% (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 April 2021 and 30th June 2021) was 91.9%, whilst coverage of one dose of MMR was 95.5%.

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.

Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls was 92.3%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 86.1% (Figures 1, 2 and 3, Tables 2 and 14).

- 21.** Uptake of BCG immunisation is presented in Table 15. These data are based on BCG immunisations recorded in the National Community Child Health Database. BCG immunisation has been received by 7.1%, 5.2%, 4.9% and 6.0% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter two of 2021. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (22.6%) and sixteen years of age (21.8%). Newport LA had the highest proportion of children vaccinated by 2 years of age (17.2%) and five years of age (15.2%).⁵
- 22.** Uptake data for hepatitis B immunisation in children who were at risk of perinatal infection, extracted from the Public Health Wales All Wales Neonatal Hepatitis B Immunisation Database, is presented in Table 16. This quarter uptake of three doses of hepatitis B vaccine at their first birthday was 100.0%, uptake of four doses⁶ at their second birthday was 42.9% and uptake of four doses at their fifth birthday was 85.7%. Proportions should be interpreted with caution as small numbers of babies require an enhanced course of hepatitis B immunisation.

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

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

Comment

This is the third 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 less than 1% lower than at the start of 2020, and within the range of uptake over the previous three years.

For the quarter April to June 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 second 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]. Children born on or after 1st January 2020 will receive one dose at 12 weeks and a booster at 12 months, with the dose at 4 weeks being dropped. Coverage in this cohort of children reaching one year of age this quarter was higher than previous quarters when the two dose primary course was in place.

Uptake of immunisations measured at two years of age remained slightly below 95% this quarter for most routine immunisations, with the exception of the final PCV dose, which was 95.0%. 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 decreased this quarter, although coverage varies by health board.

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 and a full reopening of all schools from 12th April. Coverage of the teenage 3 in 1 booster and MenACWY vaccines due in 2020-21 School Year 9 is increasing and is now at a higher level when compared to the 2019-20 School Year 9 at the same point last year. However, coverage remains lower compared to the 2018-19 School Year [5, 6].

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 77.6% and uptake of two doses is 28.5 [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 [7], this will continue to be monitored as further COVID-19 control measures are eased and international travel resumes.

References

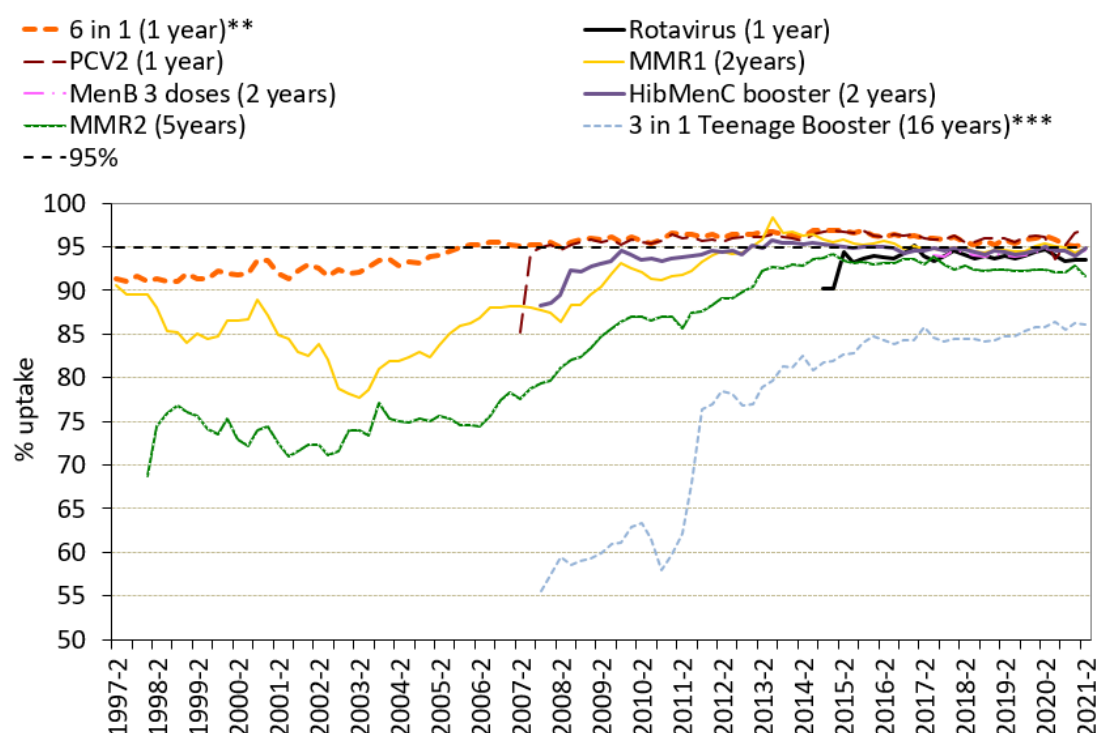
1. Welsh Health Circular- Changes to the infant pneumococcal conjugate vaccine (PCV) immunisation schedule. Available from: <https://gov.wales/sites/default/files/publications/2019-12/changes-to-the-infant-pneumococcal-conjugate-vaccine-immunisation-schedule.pdf>
2. Welsh Health Circular- Changes to 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: July 2021. Cardiff, Public Health Wales. Available from: [https://nww2.nphs.wales.nhs.uk/CommunitySurveillanceDocs.nsf/3dc04669c9e1eaa880257062003b246b/17f68fad989f536780258730002bb72e/\\$FILE/EnhancedCOVERJuly2021\(Report%2015\)_v1.pdf](https://nww2.nphs.wales.nhs.uk/CommunitySurveillanceDocs.nsf/3dc04669c9e1eaa880257062003b246b/17f68fad989f536780258730002bb72e/$FILE/EnhancedCOVERJuly2021(Report%2015)_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, April to June 2020: COVER report 135, August 2020. Cardiff, Public Health Wales. [https://www2.nphs.wales.nhs.uk/CommunitySurveillanceDocs.nsf/\(\\$All\)/1212332138CB7AB2802585EA00477764/\\$File/Cov20q2%20\(Rreport%20135\)_v1.pdf](https://www2.nphs.wales.nhs.uk/CommunitySurveillanceDocs.nsf/($All)/1212332138CB7AB2802585EA00477764/$File/Cov20q2%20(Rreport%20135)_v1.pdf)
6. Public Health Wales Health Protection Division. Vaccine uptake in Children in Wales, April to June 2019: COVER report 131, August 2019. Cardiff, Public Health Wales.
7. [https://www2.nphs.wales.nhs.uk/CommunitySurveillanceDocs.nsf/\(\\$All\)/5241D95D98C05C618025847B0045EB7D/\\$File/Cov19q2%20\(Rreport%20131\)_v1a.pdf](https://www2.nphs.wales.nhs.uk/CommunitySurveillanceDocs.nsf/($All)/5241D95D98C05C618025847B0045EB7D/$File/Cov19q2%20(Rreport%20131)_v1a.pdf) 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, April to June 2021: COVER report 139, August 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 2 2021*.

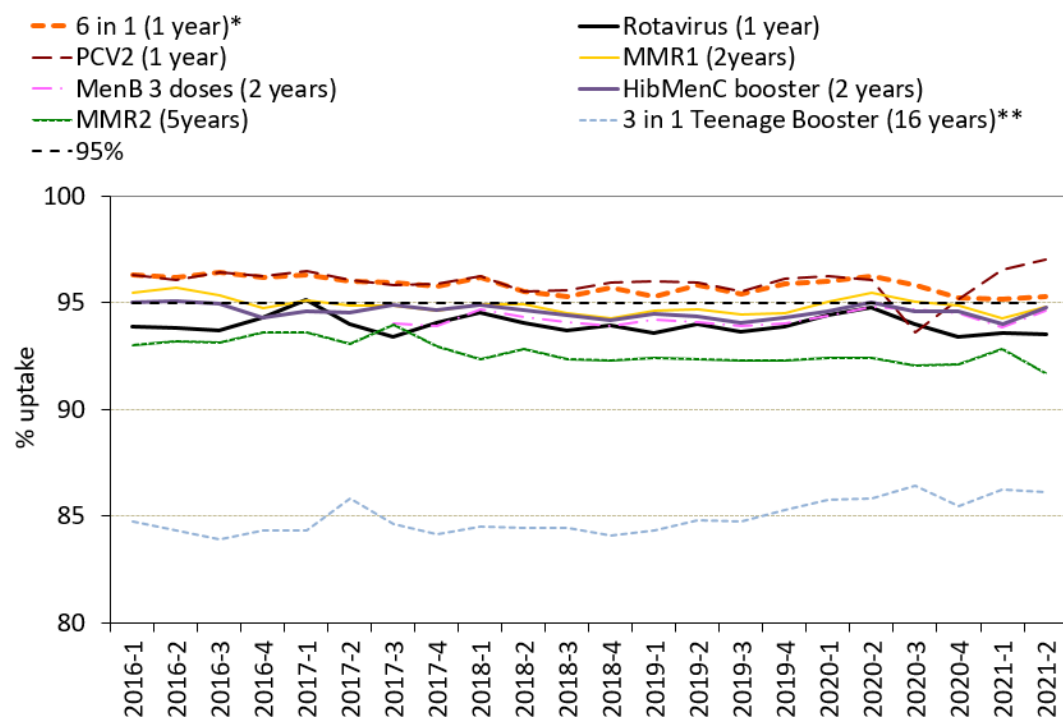


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**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 2 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 01/04/21 and 30/06/21 and resident on 30/06/21.

All Wales Summary - COVER 139

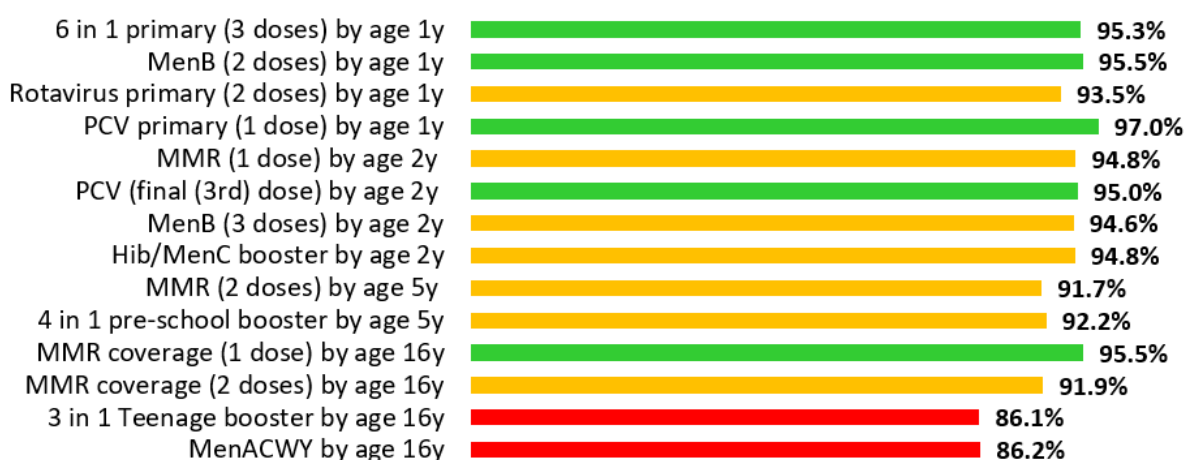


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/04/21 and 30/06/21 and are up to date with all scheduled vaccines⁷ by health board.

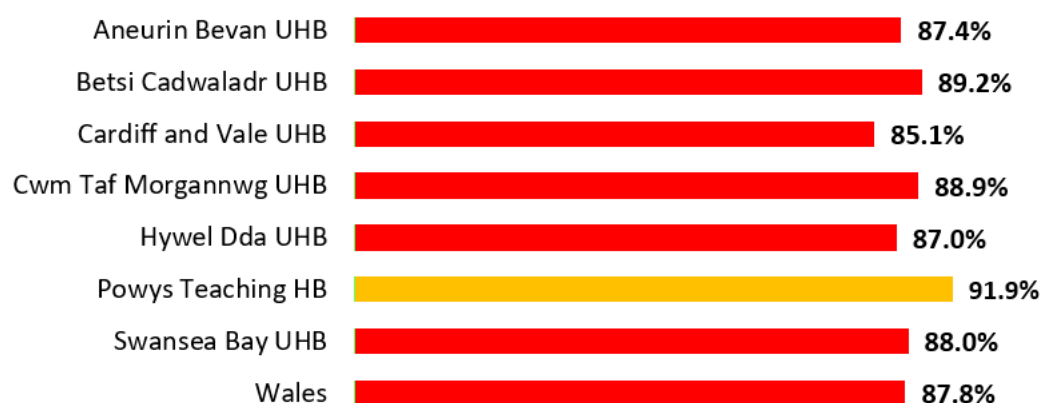
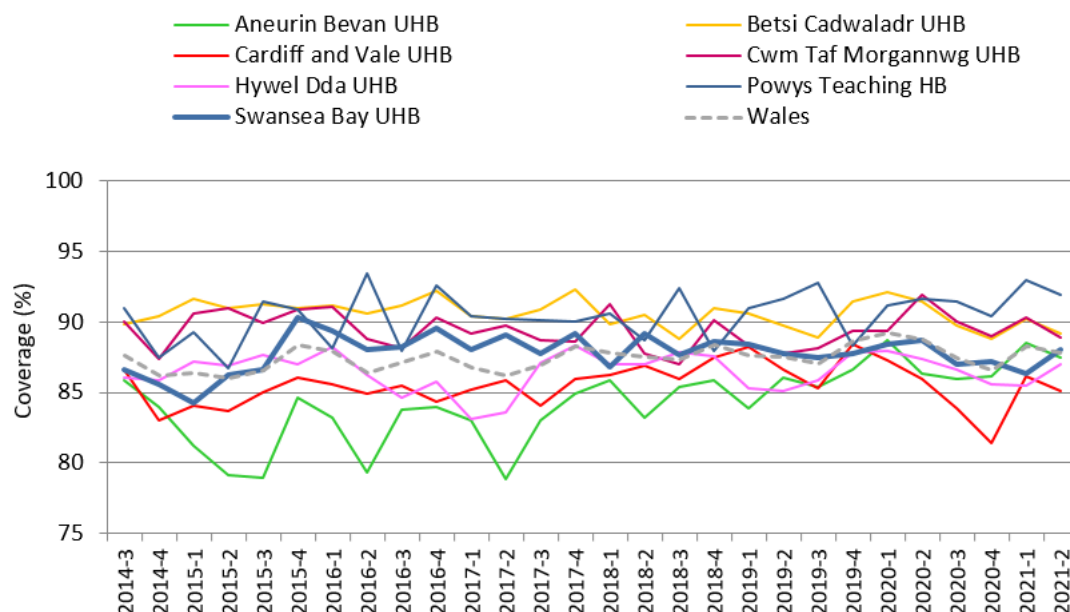


Table 1. Percentages of resident children reaching their 4th birthday during quarter 2 2020 to quarter 2 2021 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2020-2	2020-3	2020-4	2021-1	2021-2
Aneurin Bevan UHB	86.4	86.0	86.1	88.6	87.4
Betsi Cadwaladr UHB	91.5	89.8	88.8	90.3	89.2
Cardiff and Vale UHB	86.0	83.9	81.4	86.2	85.1
Cwm Taf Morgannwg UHB	91.9	90.1	89.0	90.4	88.9
Hywel Dda UHB	87.4	86.6	85.6	85.4	87.0
Powys Teaching HB	91.6	91.4	90.4	92.9	91.9
Swansea Bay UHB	88.7	87.0	87.2	86.3	88.0
Wales	88.8	87.5	86.5	88.3	87.8

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 3 2014 to quarter 2 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.

Figure 6. Uptake of “6 in 1” vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/04/21 and 30/06/21.

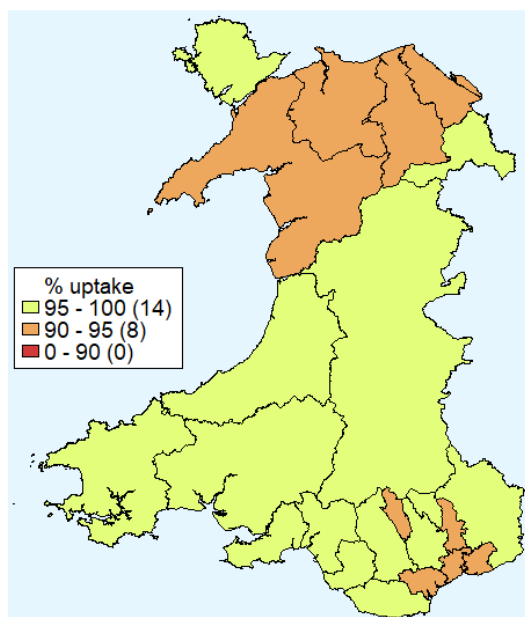


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/04/21 and 30/06/21.

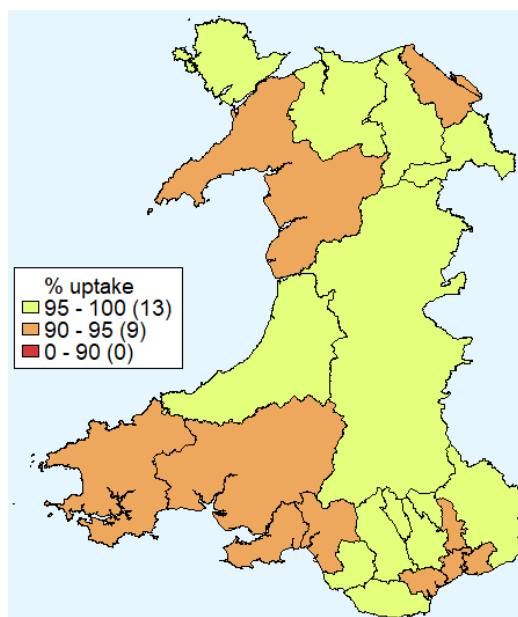


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/04/21 and 30/06/21.

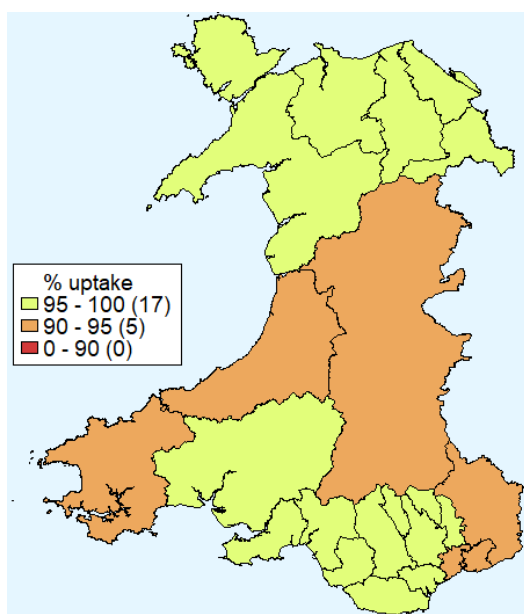


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/04/21 and 30/06/21.

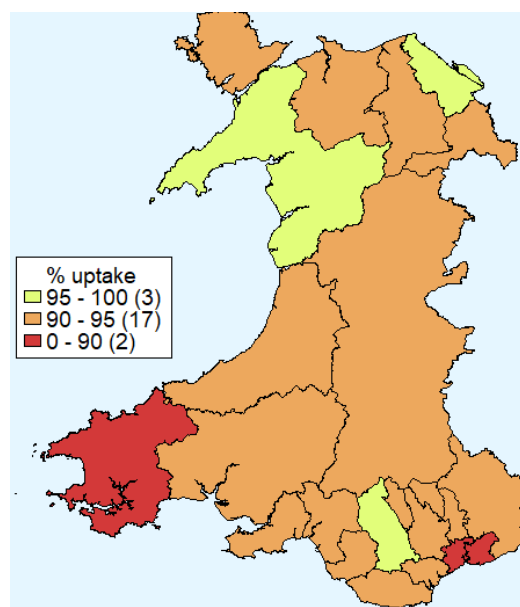


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/04/21 and 30/06/21 and resident on 30/06/21.

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	168	96.4	96.4	97.0	92.9	200	95.5	95.5	95.5	94.5	166	85.5	200	91.5	91.5	169	98.8	97.6	89.3	88.8
Caerphilly LA	383	96.3	97.1	97.7	94.3	427	96.3	96.0	95.8	95.8	500	90.0	492	92.7	92.9	495	98.4	95.2	87.7	87.3
Monmouthshire LA	192	99.0	99.0	99.0	97.4	185	97.8	97.3	97.8	97.3	229	93.0	219	90.9	90.4	253	92.9	90.1	77.5	77.9
Newport LA	476	94.7	95.2	96.0	92.6	476	94.5	93.9	93.5	94.1	493	82.8	505	87.7	88.1	449	96.4	91.1	82.6	81.1
Torfaen LA	241	92.9	94.2	95.0	90.5	260	94.2	95.0	95.0	95.0	268	87.7	265	90.9	91.3	283	97.2	95.4	84.1	86.9
Health Board Total	1460	95.6	96.2	96.8	93.4	1548	95.5	95.3	95.2	95.2	1656	87.4	1681	90.5	90.7	1649	96.8	93.6	84.3	84.2
Betsi Cadwaladr UHB																				
Anglesey LA	151	99.3	99.3	99.3	97.4	131	97.7	98.5	98.5	98.5	173	91.9	194	93.3	94.3	187	95.7	93.0	80.7	81.8
Conwy LA	230	94.3	95.7	97.8	90.0	276	95.7	95.7	96.0	95.3	259	86.9	239	92.5	92.5	271	97.8	95.2	91.1	91.1
Denbighshire LA	237	94.5	94.5	96.2	89.9	250	95.2	95.6	95.2	95.2	257	86.0	285	94.7	94.7	278	95.0	90.6	85.6	84.9
Flintshire LA	331	93.4	93.7	97.9	94.6	334	94.9	94.9	94.3	94.3	416	89.9	412	93.7	95.1	396	94.4	92.9	86.1	85.6
Gwynedd LA	255	93.7	94.1	94.9	91.8	273	94.9	94.9	94.9	94.5	265	88.3	300	96.0	97.0	303	97.4	95.7	87.8	88.8
Wrexham LA	294	96.3	96.3	97.6	94.9	316	95.6	95.6	95.3	95.3	409	91.4	367	94.0	94.8	349	96.6	94.0	86.2	85.4
Health Board Total	1498	94.9	95.3	97.2	93.0	1580	95.4	95.6	95.4	95.2	1779	89.2	1797	94.1	94.9	1784	96.1	93.6	86.5	86.4
Cardiff and Vale UHB																				
Cardiff LA	908	92.6	92.1	94.8	90.0	890	91.6	91.9	90.7	91.7	1004	83.7	1102	89.8	90.4	950	94.2	89.3	76.9	77.1
Vale of Glamorgan LA	299	95.7	94.6	97.7	93.6	297	96.0	96.0	95.3	95.6	386	88.9	384	92.4	91.1	382	96.1	91.4	84.0	83.8
Health Board Total	1207	93.4	92.7	95.5	90.9	1187	92.7	92.9	91.8	92.7	1390	85.1	1486	90.5	90.6	1332	94.7	89.9	79.0	79.0
Cwm Taf Morgannwg UHB																				
Bridgend LA	328	97.9	98.2	98.5	95.7	335	96.7	97.3	96.1	96.4	374	92.2	418	91.4	91.9	416	95.9	91.6	92.3	92.1
Merthyr Tydfil LA	163	94.5	95.1	96.9	95.1	150	96.7	96.7	96.7	96.7	183	90.7	161	93.8	93.8	173	94.2	89.6	90.2	89.6
Rhondda Cynon Taf LA	592	96.6	97.0	98.0	95.8	608	97.0	97.4	97.2	97.0	634	86.4	674	94.5	95.0	694	95.5	91.6	89.8	90.5
Health Board Total	1083	96.7	97.0	98.0	95.7	1093	96.9	97.3	96.8	96.8	1191	88.9	1253	93.4	93.8	1283	95.5	91.3	90.6	90.9
Hywel Dda UHB																				
Cardiganshire LA	420	95.2	95.2	96.7	95.5	423	92.2	92.9	92.7	92.7	472	89.0	478	90.8	91.2	486	94.2	92.0	89.3	89.1
Ceredigion LA	133	96.2	96.2	96.2	93.2	143	95.8	94.4	94.4	95.1	140	83.6	149	91.3	91.9	171	95.3	90.6	85.4	84.8
Pembrokeshire LA	245	95.5	96.3	97.6	93.1	260	93.5	93.8	93.5	93.5	281	85.4	310	88.4	88.4	319	95.3	91.2	85.3	86.2
Health Board Total	798	95.5	95.7	96.9	94.4	826	93.2	93.5	93.2	93.3	893	87.0	937	90.1	90.4	976	94.8	91.5	87.3	87.4
Powys Teaching UHB																				
Health Board Total	292	97.3	97.3	98.6	95.5	277	95.3	95.3	94.6	95.3	296	91.9	313	91.7	93.0	337	93.8	90.2	86.6	86.6
Swansea Bay UHB																				
Neath Port Talbot LA	332	95.5	95.2	97.6	94.0	322	94.1	94.4	94.1	93.5	365	87.9	403	90.8	91.3	382	95.5	90.1	92.1	91.6
Swansea LA	507	95.9	96.3	96.8	94.1	561	94.8	95.4	95.5	95.7	588	88.1	612	91.3	92.0	615	94.8	91.2	91.1	89.9
Health Board Total	839	95.7	95.8	97.1	94.0	883	94.6	95.0	95.0	94.9	953	88.0	1015	91.1	91.7	997	95.1	90.8	91.5	90.6
Unknown	25	96.0	96.0	96.0	92.0	18	88.9	88.9	88.9	88.9	9	55.6	10	70.0	70.0	21	85.7	76.2	85.7	85.7
Wales Total	7202	95.3	95.5	97.0	93.5	7412	94.8	95.0	94.6	94.8	8167	87.8	8492	91.7	92.2	8379	95.5	91.9	86.2	86.1

¹ Uptake of pertussis used as proxy.

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

³ Children receiving the final dose of PCV

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

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

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

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

Table 3. Vaccine uptake in children reaching their 1st birthday between 01/04/21 and 30/06/21 and resident on 30/06/21.

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	168	162	96.4	162	96.4	162	96.4	162	96.4	162	96.4	162	96.4	0	0.0	156	92.9	163	97.0	162	96.4	0	0.0
Caerphilly LA	383	369	96.3	369	96.3	369	96.3	369	96.3	369	96.3	369	96.3	0	0.0	361	94.3	374	97.7	372	97.1	0	0.0
Monmouthshire LA	192	190	99.0	190	99.0	190	99.0	190	99.0	190	99.0	190	99.0	0	0.0	187	97.4	190	99.0	190	99.0	0	0.0
Newport LA	476	451	94.7	451	94.7	451	94.7	451	94.7	451	94.7	451	94.7	0	0.0	441	92.6	457	96.0	453	95.2	0	0.0
Torfaen LA	241	224	92.9	224	92.9	224	92.9	224	92.9	224	92.9	224	92.9	0	0.0	218	90.5	229	95.0	227	94.2	0	0.0
Health Board Total	1460	1396	95.6	1396	95.6	1396	95.6	1396	95.6	1396	95.6	1396	95.6	0	0.0	1363	93.4	1413	96.8	1404	96.2	0	0.0
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	151	150	99.3	150	99.3	150	99.3	150	99.3	150	99.3	150	99.3	2	1.3	147	97.4	150	99.3	150	99.3	1	0.7
Conwy LA	230	217	94.3	217	94.3	217	94.3	217	94.3	217	94.3	217	94.3	0	0.0	207	90.0	225	97.8	220	95.7	0	0.0
Denbighshire LA	237	224	94.5	224	94.5	224	94.5	224	94.5	224	94.5	224	94.5	0	0.0	213	89.9	228	96.2	224	94.5	0	0.0
Flintshire LA	331	309	93.4	309	93.4	309	93.4	309	93.4	309	93.4	309	93.4	0	0.0	313	94.6	324	97.9	310	93.7	0	0.0
Gwynedd LA	255	239	93.7	239	93.7	239	93.7	239	93.7	239	93.7	239	93.7	1	0.4	234	91.8	242	94.9	240	94.1	0	0.0
Wrexham LA	294	283	96.3	283	96.3	283	96.3	283	96.3	283	96.3	283	96.3	2	0.7	279	94.9	287	97.6	283	96.3	2	0.7
Health Board Total	1498	1422	94.9	1422	94.9	1422	94.9	1422	94.9	1422	94.9	1422	94.9	5	0.3	1393	93.0	1456	97.2	1427	95.3	3	0.2
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	908	841	92.6	841	92.6	841	92.6	841	92.6	841	92.6	840	92.5	2	0.2	817	90.0	861	94.8	836	92.1	1	0.1
Vale of Glamorgan LA	299	286	95.7	286	95.7	286	95.7	286	95.7	286	95.7	284	95.0	1	0.3	280	93.6	292	97.7	283	94.6	1	0.3
Health Board Total	1207	1127	93.4	1127	93.4	1127	93.4	1127	93.4	1127	93.4	1124	93.1	3	0.2	1097	90.9	1153	95.5	1119	92.7	2	0.2
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	328	321	97.9	321	97.9	321	97.9	321	97.9	321	97.9	321	97.9	1	0.3	314	95.7	323	98.5	322	98.2	1	0.3
Merthyr Tydfil LA	163	154	94.5	154	94.5	154	94.5	154	94.5	154	94.5	154	94.5	0	0.0	155	95.1	158	96.9	155	95.1	0	0.0
Rhondda Cynon Taf LA	592	572	96.6	572	96.6	572	96.6	572	96.6	572	96.6	572	96.6	0	0.0	567	95.8	580	98.0	574	97.0	0	0.0
Health Board Total	1083	1047	96.7	1047	96.7	1047	96.7	1047	96.7	1047	96.7	1047	96.7	1	0.1	1036	95.7	1061	98.0	1051	97.0	1	0.1
<u>Hywel Dda University HB</u>																							
Cardiff and Vale LA	420	400	95.2	400	95.2	400	95.2	400	95.2	400	95.2	400	95.2	1	0.2	401	95.5	406	96.7	400	95.2	1	0.2
Ceredigion LA	133	128	96.2	128	96.2	128	96.2	128	96.2	128	96.2	128	96.2	1	0.8	124	93.2	128	96.2	128	96.2	1	0.8
Pembrokeshire LA	245	234	95.5	234	95.5	234	95.5	234	95.5	234	95.5	234	95.5	0	0.0	228	93.1	239	97.6	236	96.3	0	0.0
Health Board Total	798	762	95.5	762	95.5	762	95.5	762	95.5	762	95.5	762	95.5	2	0.3	753	94.4	773	96.9	764	95.7	2	0.3
<u>Powys Teaching HB</u>																							
Health Board Total	292	284	97.3	284	97.3	284	97.3	284	97.3	284	97.3	284	97.3	0	0.0	279	95.5	288	98.6	284	97.3	1	0.3
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	332	317	95.5	317	95.5	317	95.5	317	95.5	317	95.5	317	95.5	0	0.0	312	94.0	324	97.6	316	95.2	0	0.0
Swansea LA	507	486	95.9	486	95.9	486	95.9	486	95.9	486	95.9	486	95.9	1	0.2	477	94.1	491	96.8	488	96.3	0	0.0
Health Board Total	839	803	95.7	803	95.7	803	95.7	803	95.7	803	95.7	803	95.7	1	0.1	789	94.0	815	97.1	804	95.8	0	0.0
Unknown	25	24	96.0	24	96.0	24	96.0	24	96.0	24	96.0	24	96.0	0	0.0	23	92.0	24	96.0	24	96.0	0	0.0
Wales Total	7202	6865	95.3	6865	95.3	6865	95.3	6865	95.3	6865	95.3	6862	95.3	12	0.2	6733	93.5	6983	97.0	6877	95.5	9	0.1

¹ One dose of pneumococcal conjugate vaccine.

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

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/04/21 and 30/06/21 and resident on 30/06/21.

Area	Resident children	D3		T3		P3		Po3		Hib3		HepB ¹		MMR1		PCV2 ¹		PCVf ²		Men B ³		HibMenC	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Aneurin Bevan University HB																							
Blaenau Gwent LA	200	196	98.0	196	98.0	196	98.0	196	98.0	196	98.0	196	98.0	191	95.5	194	97.0	191	95.5	191	95.5	189	94.5
Caerphilly LA	427	420	98.4	420	98.4	420	98.4	420	98.4	420	98.4	419	98.1	411	96.3	417	97.7	410	96.0	409	95.8	409	95.8
Monmouthshire LA	185	182	98.4	182	98.4	182	98.4	182	98.4	182	98.4	181	97.8	181	97.8	181	97.8	180	97.3	181	97.8	180	97.3
Newport LA	476	459	96.4	459	96.4	459	96.4	459	96.4	459	96.4	458	96.2	450	94.5	453	95.2	447	93.9	445	93.5	448	94.1
Torfaen LA	260	254	97.7	254	97.7	254	97.7	254	97.7	254	97.7	254	97.7	245	94.2	255	98.1	247	95.0	247	95.0	247	95.0
Health Board Total	1548	1511	97.6	1511	97.6	1511	97.6	1511	97.6	1511	97.6	1508	97.4	1478	95.5	1500	96.9	1475	95.3	1473	95.2	1473	95.2
Betsi Cadwaladr University HB																							
Anglesey LA	131	131	100.0	131	100.0	131	100.0	131	100.0	131	100.0	131	100.0	128	97.7	131	100.0	129	98.5	129	98.5	129	98.5
Conwy LA	276	270	97.8	270	97.8	270	97.8	270	97.8	270	97.8	270	97.8	264	95.7	265	96.0	264	95.7	265	96.0	263	95.3
Denbighshire LA	250	245	98.0	245	98.0	245	98.0	245	98.0	245	98.0	244	97.6	238	95.2	238	95.2	239	95.6	238	95.2	238	95.2
Flintshire LA	334	326	97.6	326	97.6	326	97.6	326	97.6	326	97.6	326	97.6	317	94.9	324	97.0	317	94.9	315	94.3	315	94.3
Gwynedd LA	273	263	96.3	263	96.3	263	96.3	263	96.3	263	96.3	264	96.7	259	94.9	261	95.6	259	94.9	259	94.9	258	94.5
Wrexham LA	316	309	97.8	309	97.8	309	97.8	309	97.8	309	97.8	309	97.8	302	95.6	303	95.9	302	95.6	301	95.3	301	95.3
Health Board Total	1580	1544	97.7	1544	97.7	1544	97.7	1544	97.7	1544	97.7	1544	97.7	1508	95.4	1522	96.3	1510	95.6	1507	95.4	1504	95.2
Cardiff and Vale University HB																							
Cardiff LA	890	848	95.3	848	95.3	848	95.3	848	95.3	848	95.3	847	95.2	815	91.6	838	94.2	818	91.9	807	90.7	816	91.7
Vale of Glamorgan LA	297	292	98.3	292	98.3	292	98.3	292	98.3	292	98.3	291	98.0	285	96.0	288	97.0	285	96.0	283	95.3	284	95.6
Health Board Total	1187	1140	96.0	1140	96.0	1140	96.0	1140	96.0	1140	96.0	1138	95.9	1100	92.7	1126	94.9	1103	92.9	1090	91.8	1100	92.7
Cwm Taf Morgannwg University HB																							
Bridgend LA	335	329	98.2	329	98.2	329	98.2	329	98.2	329	98.2	328	97.9	324	96.7	323	96.4	326	97.3	322	96.1	323	96.4
Merthyr Tydfil LA	150	148	98.7	148	98.7	148	98.7	148	98.7	148	98.7	148	98.7	145	96.7	149	99.3	145	96.7	145	96.7	145	96.7
Rhondda Cynon Taf LA	608	599	98.5	599	98.5	599	98.5	599	98.5	599	98.5	599	98.5	590	97.0	595	97.9	592	97.4	591	97.2	590	97.0
Health Board Total	1093	1076	98.4	1076	98.4	1076	98.4	1076	98.4	1076	98.4	1075	98.4	1059	96.9	1067	97.6	1063	97.3	1058	96.8	1058	96.8
Hywel Dda University HB																							
Cardiff LA	423	408	96.5	408	96.5	408	96.5	407	96.2	407	96.2	407	96.2	390	92.2	405	95.7	393	92.9	392	92.7	392	92.7
Ceredigion LA	143	139	97.2	139	97.2	139	97.2	139	97.2	139	97.2	137	95.8	137	95.8	139	97.2	135	94.4	135	94.4	136	95.1
Pembrokeshire LA	260	249	95.8	249	95.8	249	95.8	249	95.8	249	95.8	249	95.8	243	93.5	246	94.6	244	93.8	243	93.5	243	93.5
Health Board Total	826	796	96.4	796	96.4	796	96.4	795	96.2	795	96.2	793	96.0	770	93.2	790	95.6	772	93.5	770	93.2	771	93.3
Powys Teaching HB																							
Health Board Total	277	266	96.0	266	96.0	266	96.0	266	96.0	266	96.0	266	96.0	264	95.3	264	95.3	264	95.3	262	94.6	264	95.3
Swansea Bay University HB																							
Neath Port Talbot LA	322	308	95.7	308	95.7	308	95.7	308	95.7	308	95.7	308	95.7	303	94.1	306	95.0	304	94.4	303	94.1	301	93.5
Swansea LA	561	542	96.6	542	96.6	542	96.6	542	96.6	542	96.6	541	96.4	532	94.8	539	96.1	535	95.4	536	95.5	537	95.7
Health Board Total	883	850	96.3	850	96.3	850	96.3	850	96.3	850	96.3	849	96.1	835	94.6	845	95.7	839	95.0	839	95.0	838	94.9
Unknown	18	16	88.9	16	88.9	16	88.9	16	88.9	16	88.9	16	88.9	16	88.9	16	88.9	16	88.9	16	88.9	16	88.9
Wales Total	7412	7199	97.1	7199	97.1	7199	97.1	7198	97.1	7198	97.1	7189	97.0	7030	94.8	7130	96.2	7042	95.0	7015	94.6	7024	94.8

¹ Full primary two dose course of pneumococcal conjugate vaccine.

² Final (booster) dose of pneumococcal conjugate vaccine.

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

Table 5. Vaccine uptake in children reaching their 4th birthday between 01/04/21 and 30/06/21 and resident on 30/06/21. 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	166	145	87.3	157	94.6	145	87.3	142	85.5
Caerphilly LA	500	453	90.6	484	96.8	452	90.4	450	90.0
Monmouthshire LA	229	215	93.9	223	97.4	215	93.9	213	93.0
Newport LA	493	414	84.0	470	95.3	415	84.2	408	82.8
Torfaen LA	268	237	88.4	261	97.4	235	87.7	235	87.7
Health Board Total	1656	1464	88.4	1595	96.3	1462	88.3	1448	87.4
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	173	159	91.9	167	96.5	160	92.5	159	91.9
Conwy LA	259	227	87.6	241	93.1	225	86.9	225	86.9
Denbighshire LA	257	223	86.8	248	96.5	222	86.4	221	86.0
Flintshire LA	416	377	90.6	400	96.2	379	91.1	374	89.9
Gwynedd LA	265	239	90.2	254	95.8	238	89.8	234	88.3
Wrexham LA	409	379	92.7	396	96.8	376	91.9	374	91.4
Health Board Total	1779	1604	90.2	1706	95.9	1600	89.9	1587	89.2
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1004	861	85.8	945	94.1	859	85.6	840	83.7
Vale of Glamorgan LA	386	353	91.5	374	96.9	348	90.2	343	88.9
Health Board Total	1390	1214	87.3	1319	94.9	1207	86.8	1183	85.1
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	374	349	93.3	362	96.8	348	93.0	345	92.2
Merthyr Tydfil LA	183	169	92.3	178	97.3	168	91.8	166	90.7
Rhondda Cynon Taf LA	634	555	87.5	616	97.2	551	86.9	548	86.4
Health Board Total	1191	1073	90.1	1156	97.1	1067	89.6	1059	88.9
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	472	421	89.2	457	96.8	426	90.3	420	89.0
Ceredigion LA	140	119	85.0	130	92.9	118	84.3	117	83.6
Pembrokeshire LA	281	242	86.1	259	92.2	242	86.1	240	85.4
Health Board Total	893	782	87.6	846	94.7	786	88.0	777	87.0
<u>Powys Teaching HB</u>									
Health Board Total	296	276	93.2	284	95.9	274	92.6	272	91.9
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	365	325	89.0	347	95.1	323	88.5	321	87.9
Swansea LA	588	524	89.1	556	94.6	519	88.3	518	88.1
Health Board Total	953	849	89.1	903	94.8	842	88.4	839	88.0
Unknown	9	5	55.6	8	88.9	5	55.6	5	55.6
Wales Total	8167	7267	89.0	7817	95.7	7243	88.7	7170	87.8

¹ Uptake of acellular pertussis used as proxy

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

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/04/21 and 30/06/21 and resident on 30/06/21. 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	200	183	91.5	193	96.5	183	91.5	181	90.5
Caerphilly LA	492	457	92.9	473	96.1	456	92.7	445	90.4
Monmouthshire LA	219	198	90.4	203	92.7	199	90.9	194	88.6
Newport LA	505	445	88.1	469	92.9	443	87.7	436	86.3
Torfaen LA	265	242	91.3	256	96.6	241	90.9	240	90.6
Health Board Total	1681	1525	90.7	1594	94.8	1522	90.5	1496	89.0
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	194	183	94.3	186	95.9	181	93.3	181	93.3
Conwy LA	239	221	92.5	230	96.2	221	92.5	221	92.5
Denbighshire LA	285	270	94.7	273	95.8	270	94.7	269	94.4
Flintshire LA	412	392	95.1	401	97.3	386	93.7	385	93.4
Gwynedd LA	300	291	97.0	292	97.3	288	96.0	288	96.0
Wrexham LA	367	348	94.8	357	97.3	345	94.0	341	92.9
Health Board Total	1797	1705	94.9	1739	96.8	1691	94.1	1685	93.8
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1102	996	90.4	1046	94.9	990	89.8	978	88.7
Vale of Glamorgan LA	384	350	91.1	370	96.4	355	92.4	350	91.1
Health Board Total	1486	1346	90.6	1416	95.3	1345	90.5	1328	89.4
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	418	384	91.9	406	97.1	382	91.4	381	91.1
Merthyr Tydfil LA	161	151	93.8	156	96.9	151	93.8	149	92.5
Rhondda Cynon Taf LA	674	640	95.0	655	97.2	637	94.5	633	93.9
Health Board Total	1253	1175	93.8	1217	97.1	1170	93.4	1163	92.8
<u>Hywel Dda University HB</u>									
Cardiganshire LA	478	436	91.2	454	95.0	434	90.8	426	89.1
Ceredigion LA	149	137	91.9	140	94.0	136	91.3	136	91.3
Pembrokeshire LA	310	274	88.4	290	93.5	274	88.4	271	87.4
Health Board Total	937	847	90.4	884	94.3	844	90.1	833	88.9
<u>Powys Teaching HB</u>									
Health Board Total	313	291	93.0	296	94.6	287	91.7	285	91.1
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	403	368	91.3	388	96.3	366	90.8	363	90.1
Swansea LA	612	563	92.0	586	95.8	559	91.3	554	90.5
Health Board Total	1015	931	91.7	974	96.0	925	91.1	917	90.3
Unknown	10	7	70.0	9	90.0	7	70.0	7	70.0
Wales Total	8492	7827	92.2	8129	95.7	7791	91.7	7714	90.8

¹ Uptake of acellular pertussis used as proxy

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

Table 7. Vaccine uptake in children reaching their 5th birthday between 01/04/21 and 30/06/21 and resident on 30/06/21.

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) (%)
Aneurin Bevan University HB															
Blaenau Gwent LA	200	196 98.0	196 98.0	196 98.0	196 98.0	196 98.0	3 1.5	191 95.5	193 96.5	196 98.0	183 91.5	183 91.5	183 91.5	183 91.5	183 91.5
Caerphilly LA	492	484 98.4	484 98.4	484 98.4	484 98.4	483 98.2	21 4.3	480 97.6	473 96.1	482 98.0	456 92.7	457 92.9	457 92.9	457 92.9	457 92.9
Monmouthshire LA	219	202 92.2	202 92.2	202 92.2	202 92.2	202 92.2	7 3.2	200 91.3	203 92.7	207 94.5	199 90.9	198 90.4	198 90.4	198 90.4	198 90.4
Newport LA	505	482 95.4	482 95.4	482 95.4	482 95.4	482 95.4	14 2.8	466 92.3	469 92.9	479 94.9	443 87.7	445 88.1	445 88.1	445 88.1	445 88.1
Torfaen LA	265	259 97.7	259 97.7	259 97.7	259 97.7	259 97.7	6 2.3	255 96.2	256 96.6	257 97.0	241 90.9	242 91.3	242 91.3	242 91.3	242 91.3
Health Board Total	1681	1623 96.5	1623 96.5	1623 96.5	1623 96.5	1622 96.5	51 3.0	1592 94.7	1594 94.8	1621 96.4	1522 90.5	1525 90.7	1525 90.7	1525 90.7	1525 90.7
Betsi Cadwaladr University HB															
Anglesey LA	194	186 95.9	186 95.9	186 95.9	186 95.9	186 95.9	8 4.1	183 94.3	186 95.9	187 96.4	181 93.3	183 94.3	183 94.3	183 94.3	183 94.3
Conwy LA	239	231 96.7	231 96.7	231 96.7	231 96.7	230 96.2	2 0.8	225 94.1	230 96.2	231 96.7	221 92.5	221 92.5	221 92.5	221 92.5	221 92.5
Denbighshire LA	285	277 97.2	277 97.2	277 97.2	277 97.2	277 97.2	11 3.9	269 94.4	273 95.8	273 95.8	270 94.7	270 94.7	270 94.7	270 94.7	270 94.7
Flintshire LA	412	399 96.8	399 96.8	399 96.8	399 96.8	398 96.6	11 2.7	397 96.4	401 97.3	403 97.8	386 93.7	392 95.1	392 95.1	392 95.1	392 95.1
Gwynedd LA	300	295 98.3	295 98.3	295 98.3	295 98.3	295 98.3	6 2.0	290 96.7	292 97.3	291 97.0	288 96.0	291 97.0	291 97.0	291 97.0	291 97.0
Wrexham LA	367	365 99.5	365 99.5	365 99.5	365 99.5	365 99.5	15 4.1	354 96.5	357 97.3	359 97.8	345 94.0	348 94.8	348 94.8	348 94.8	348 94.8
Health Board Total	1797	1753 97.6	1753 97.6	1753 97.6	1753 97.6	1751 97.4	53 2.9	1718 95.6	1739 96.8	1744 97.1	1691 94.1	1705 94.9	1705 94.9	1705 94.9	1705 94.9
Cardiff and Vale University HB															
Cardiff LA	1102	1059 96.1	1059 96.1	1059 96.1	1059 96.1	1060 96.2	38 3.4	1013 91.9	1046 94.9	1060 96.2	990 89.8	996 90.4	996 90.4	996 90.4	997 90.5
Vale of Glamorgan LA	384	376 97.9	376 97.9	376 97.9	376 97.9	376 97.9	15 3.9	358 93.2	370 96.4	370 96.4	355 92.4	350 91.1	350 91.1	350 91.1	350 91.1
Health Board Total	1486	1435 96.6	1435 96.6	1435 96.6	1435 96.6	1436 96.6	53 3.6	1371 92.3	1416 95.3	1430 96.2	1345 90.5	1346 90.6	1346 90.6	1346 90.6	1347 90.6
Cwm Taf Morgannwg University HB															
Bridgend LA	418	411 98.3	411 98.3	411 98.3	411 98.3	411 98.3	14 3.3	404 96.7	406 97.1	406 97.1	382 91.4	384 91.9	384 91.9	384 91.9	384 91.9
Merthyr Tydfil LA	161	157 97.5	157 97.5	157 97.5	157 97.5	157 97.5	6 3.7	156 96.9	156 96.9	158 98.1	151 93.8	151 93.8	151 93.8	151 93.8	151 93.8
Rhondda Cynon Taf LA	674	657 97.5	657 97.5	657 97.5	657 97.5	657 97.5	17 2.5	654 97	655 97.2	658 97.6	637 94.5	640 95.0	640 95.0	640 95.0	640 95.0
Health Board Total	1253	1225 97.8	1225 97.8	1225 97.8	1225 97.8	1225 97.8	37 3.0	1214 96.9	1217 97.1	1222 97.5	1170 93.4	1175 93.8	1175 93.8	1175 93.8	1175 93.8
Hywel Dda University HB															
Carmarthenshire LA	478	465 97.3	465 97.3	465 97.3	465 97.3	464 97.1	20 4.2	450 94.1	454 95.0	460 96.2	434 90.8	436 91.2	436 91.2	436 91.2	436 91.2
Ceredigion LA	149	144 96.6	144 96.6	144 96.6	144 96.6	144 96.6	6 4.0	139 93.3	140 94.0	140 94.0	136 91.3	137 91.9	137 91.9	137 91.9	137 91.9
Pembrokeshire LA	310	296 95.5	296 95.5	296 95.5	296 95.5	296 95.5	4 1.3	289 93.2	290 93.5	294 94.8	274 88.4	274 88.4	274 88.4	274 88.4	274 88.4
Health Board Total	937	905 96.6	905 96.6	905 96.6	905 96.6	904 96.5	30 3.2	878 93.7	884 94.3	894 95.4	844 90.1	847 90.4	847 90.4	847 90.4	847 90.4
Powys Teaching HB															
Health Board Total	313	300 95.8	300 95.8	300 95.8	300 95.8	300 95.8	11 3.5	296 94.6	296 94.6	294 93.9	287 91.7	291 93.0	291 93.0	291 93.0	291 93.0
Swansea Bay University HB															
Neath Port Talbot LA	403	397 98.5	397 98.5	397 98.5	397 98.5	397 98.5	7 1.7	382 94.8	388 96.3	391 97.0	366 90.8	368 91.3	368 91.3	368 91.3	368 91.3
Swansea LA	612	589 96.2	589 96.2	589 96.2	589 96.2	587 95.9	16 2.6	572 93.5	586 95.8	588 96.1	559 91.3	563 92.0	563 92.0	563 92.0	563 92.0
Health Board Total	1015	986 97.1	986 97.1	986 97.1	986 97.1	984 96.9	23 2.3	954 94	974 96.0	979 96.5	925 91.1	931 91.7	931 91.7	931 91.7	931 91.7
Unknown	10	10 100.0	10 100.0	10 100.0	10 100.0	9 90.0	1 10.0	9 90	9 90.0	10 100.0	7 70.0	7 70.0	7 70.0	7 70.0	7 70.0
Wales Total	8492	8237 97.0	8237 97.0	8237 97.0	8237 97.0	8231 96.9	259 3.0	8032 94.6	8129 95.7	8194 96.5	7791 91.7	7827 92.2	7827 92.2	7827 92.2	7828 92.2

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 30/06/21, 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	834	573 68.7	400	290 72.5	434	283 65.2
Caerphilly LA	2281	1445 63.3	1087	736 67.7	1193	708 59.3
Monmouthshire LA	1082	471 43.5	528	238 45.1	553	232 42.0
Newport LA	2225	721 32.4	1073	361 33.6	1151	360 31.3
Torfaen LA	1156	359 31.1	560	183 32.7	596	176 29.5
Health Board Total	7578	3569 47.1	3648	1808 49.6	3927	1759 44.8
<u>Betsi Cadwaladr University HB</u>						
Anglesey LA	804	619 77.0	410	345 84.1	394	274 69.5
Conwy LA	1247	865 69.4	626	460 73.5	621	405 65.2
Denbighshire LA	1165	416 35.7	560	219 39.1	604	197 32.6
Flintshire LA	1822	1097 60.2	888	548 61.7	934	549 58.8
Gwynedd LA	1318	849 64.4	634	427 67.4	684	422 61.7
Wrexham LA	1674	1158 69.2	823	620 75.3	850	538 63.3
Health Board Total	8030	5004 62.3	3941	2619 66.5	4087	2385 58.4
<u>Cardiff and Vale University HB</u>						
Cardiff LA	4527	2536 56.0	2240	1284 57.3	2287	1252 54.7
Vale of Glamorgan LA	1689	650 38.5	819	340 41.5	870	310 35.6
Health Board Total	6216	3186 51.3	3059	1624 53.1	3157	1562 49.5
<u>Cwm Taf Morgannwg University HB</u>						
Bridgend LA	1723	1445 83.9	831	725 87.2	892	720 80.7
Merthyr Tydfil LA	770	637 82.7	375	322 85.9	395	315 79.7
Rhondda Cynon Taf LA	2926	2417 82.6	1439	1213 84.3	1485	1202 80.9
Health Board Total	5419	4499 83.0	2645	2260 85.4	2772	2237 80.7
<u>Hywel Dda University HB</u>						
Carmarthenshire LA	2260	119 5.3	1114	66 5.9	1146	53 4.6
Ceredigion LA	648	522 80.6	324	276 85.2	324	246 75.9
Pembrokeshire LA	1402	881 62.8	692	464 67.1	710	417 58.7
Health Board Total	4310	1522 35.3	2130	806 37.8	2180	716 32.8
<u>Powys Teaching HB</u>						
Health Board Total	1466	890 60.7	690	440 63.8	776	450 58.0
<u>Swansea Bay University HB</u>						
Neath Port Talbot LA	1646	1450 88.1	768	689 89.7	878	761 86.7
Swansea LA	2861	2453 85.7	1423	1249 87.8	1438	1204 83.7
Health Board Total	4507	3903 86.6	2191	1938 88.5	2316	1965 84.8
Unknown	90	52 57.8	43	22 51.2	47	30 63.8
Wales Total	37616	22625 60.1	18347	11517 62.8	19262	11104 57.6

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

Table 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 30/06/21, with breakdown of coverage for sex.

Area	Resident children		HPV 1 dose		HPV 2 dose		Resident girls (n)		HPV 1 dose		HPV 2 dose		Resident boys (n)		HPV 1 dose		HPV 2 dose	
	(n)	(n)	(%)	(n)	(%)		(n)	(%)	(n)	(%)		(n)	(%)	(n)	(%)	(n)	(%)	
Aneurin Bevan University HB																		
Blaenau Gwent LA	723	348	48.1	20	2.8		388	200	51.5	12	3.1		335	148	44.2	8	2.4	
Caerphilly LA	2096	1491	71.1	99	4.7		1048	811	77.4	54	5.2		1048	680	64.9	45	4.3	
Monmouthshire LA	1069	746	69.8	23	2.2		528	371	70.3	12	2.3		541	375	69.3	11	2.0	
Newport LA	2046	1146	56.0	66	3.2		990	600	60.6	37	3.7		1055	546	51.8	29	2.7	
Torfaen LA	1132	821	72.5	23	2.0		545	408	74.9	7	1.3		587	413	70.4	16	2.7	
Health Board Total	7066	4552	64.4	231	3.3		3499	2390	68.3	122	3.5		3566	2162	60.6	109	3.1	
Betsi Cadwaladr University HB																		
Anglesey LA	783	614	78.4	480	61.3		370	306	82.7	250	67.6		413	308	74.6	230	55.7	
Conwy LA	1213	835	68.8	530	43.7		597	439	73.5	319	53.4		616	396	64.3	211	34.3	
Denbighshire LA	1114	800	71.8	295	26.5		540	403	74.6	170	31.5		573	397	69.3	125	21.8	
Flintshire LA	1817	1460	80.4	1060	58.3		895	744	83.1	534	59.7		922	716	77.7	526	57.0	
Gwynedd LA	1295	1116	86.2	954	73.7		635	565	89.0	497	78.3		660	551	83.5	457	69.2	
Wrexham LA	1560	1247	79.9	861	55.2		739	628	85.0	442	59.8		821	619	75.4	419	51.0	
Health Board Total	7782	6072	78.0	4180	53.7		3776	3085	81.7	2212	58.6		4005	2987	74.6	1968	49.1	
Cardiff and Vale University HB																		
Cardiff LA	4282	3328	77.7	17	0.4		2109	1695	80.4	13	0.6		2172	1632	75.1	4	0.2	
Vale of Glamorgan LA	1622	1311	80.8	7	0.4		776	655	84.4	3	0.4		846	656	77.5	4	0.5	
Health Board Total	5904	4639	78.6	24	0.4		2885	2350	81.5	16	0.6		3018	2288	75.8	8	0.3	
Cwm Taf Morgannwg University HB																		
Bridgend LA	1747	1496	85.6	292	16.7		845	741	87.7	152	18.0		902	755	83.7	140	15.5	
Merthyr Tydfil LA	711	569	80.0	98	13.8		327	267	81.7	50	15.3		384	302	78.6	48	12.5	
Rhondda Cynon Taf LA	2845	2355	82.8	539	18.9		1342	1132	84.4	266	19.8		1502	1222	81.4	273	18.2	
Health Board Total	5303	4420	83.3	929	17.5		2514	2140	85.1	468	18.6		2788	2279	81.7	461	16.5	
Hywel Dda University HB																		
Carmarthenshire LA	2150	1851	86.1	102	4.7		1060	946	89.2	53	5.0		1089	904	83.0	49	4.5	
Ceredigion LA	686	595	86.7	554	80.8		343	306	89.2	283	82.5		343	289	84.3	271	79.0	
Pembrokeshire LA	1339	906	67.7	638	47.6		659	479	72.7	342	51.9		680	427	62.8	296	43.5	
Health Board Total	4175	3352	80.3	1294	31.0		2062	1731	83.9	678	32.9		2112	1620	76.7	616	29.2	
Powys Teaching HB																		
Health Board Total	1347	820	60.9	35	2.6		655	411	62.7	19	2.9		691	409	59.2	16	2.3	
Swansea Bay University HB																		
Neath Port Talbot LA	1638	1529	93.3	1307	79.8		803	748	93.2	654	81.4		835	781	93.5	653	78.2	
Swansea LA	2706	2510	92.8	2236	82.6		1318	1251	94.9	1139	86.4		1388	1259	90.7	1097	79.0	
Health Board Total	4344	4039	93.0	3543	81.6		2121	1999	94.2	1793	84.5		2223	2040	91.8	1750	78.7	
Unknown	75	51	68.0	24	32.0		35	26	74.3	12	34.3		40	25	62.5	12	30.0	
Wales Total	35996	27945	77.6	10260	28.5		17547	14132	80.5	5320	30.3		18443	13810	74.9	4940	26.8	

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

Table 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 30/06/21.

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	400	290	72.5	388	200	51.5	12	3.1	413	359	86.9	286	69.2
Caerphilly LA	1087	736	67.7	1048	811	77.4	54	5.2	1026	922	89.9	642	62.6
Monmouthshire LA	528	238	45.1	528	371	70.3	12	2.3	521	429	82.3	297	57.0
Newport LA	1073	361	33.6	990	600	60.6	37	3.7	960	791	82.4	398	41.5
Torfaen LA	560	183	32.7	545	408	74.9	7	1.3	549	484	88.2	305	55.6
Health Board Total	3648	1808	49.6	3499	2390	68.3	122	3.5	3469	2985	86.0	1928	55.6
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	410	345	84.1	370	306	82.7	250	67.6	346	302	87.3	271	78.3
Conwy LA	626	460	73.5	597	439	73.5	319	53.4	592	528	89.2	384	64.9
Denbighshire LA	560	219	39.1	540	403	74.6	170	31.5	547	465	85.0	359	65.6
Flintshire LA	888	548	61.7	895	744	83.1	534	59.7	827	713	86.2	611	73.9
Gwynedd LA	634	427	67.4	635	565	89.0	497	78.3	675	618	91.6	599	88.7
Wrexham LA	823	620	75.3	739	628	85.0	442	59.8	766	664	86.7	601	78.5
Health Board Total	3941	2619	66.5	3776	3085	81.7	2212	58.6	3753	3290	87.7	2825	75.3
<u>Cardiff and Vale University HB</u>													
Cardiff LA	2240	1284	57.3	2109	1695	80.4	13	0.6	1987	1716	86.4	1398	70.4
Vale of Glamorgan LA	819	340	41.5	776	655	84.4	3	0.4	743	695	93.5	583	78.5
Health Board Total	3059	1624	53.1	2885	2350	81.5	16	0.6	2730	2411	88.3	1981	72.6
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	831	725	87.2	845	741	87.7	152	18.0	789	728	92.3	214	27.1
Merthyr Tydfil LA	375	322	85.9	327	267	81.7	50	15.3	322	291	90.4	65	20.2
Rhondda Cynon Taf LA	1439	1213	84.3	1342	1132	84.4	266	19.8	1416	1316	92.9	354	25.0
Health Board Total	2645	2260	85.4	2514	2140	85.1	468	18.6	2527	2335	92.4	633	25.0
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	1114	66	5.9	1060	946	89.2	53	5.0	1013	910	89.8	847	83.6
Ceredigion LA	324	276	85.2	343	306	89.2	283	82.5	298	265	88.9	256	85.9
Pembrokeshire LA	692	464	67.1	659	479	72.7	342	51.9	613	540	88.1	401	65.4
Health Board Total	2130	806	37.8	2062	1731	83.9	678	32.9	1924	1715	89.1	1504	78.2
<u>Powys Teaching HB</u>													
Health Board Total	690	440	63.8	655	411	62.7	19	2.9	685	592	86.4	260	38.0
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	768	689	89.7	803	748	93.2	654	81.4	799	771	96.5	723	90.5
Swansea LA	1423	1249	87.8	1318	1251	94.9	1139	86.4	1227	1152	93.9	1124	91.6
Health Board Total	2191	1938	88.5	2121	1999	94.2	1793	84.5	2026	1923	94.9	1847	91.2
Unknown	43	22	51.2	35	26	74.3	12	34.3	37	32	86.5	22	59.5
Wales Total	18347	11517	62.8	17547	14132	80.5	5320	30.3	17151	15283	89.1	11000	64.1

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 30/06/21.

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)	(%)
Aneurin Bevan University HB												
Blaenau Gwent LA	723	301	41.6	777	653	84.0	700	614	87.7	772	684	88.6
Caerphilly LA	2096	1434	68.4	2136	1771	82.9	2063	1797	87.1	2149	1807	84.1
Monmouthshire LA	1069	640	59.9	1082	842	77.8	1098	878	80.0	1146	906	79.1
Newport LA	2046	886	43.3	1918	1484	77.4	1915	1585	82.8	1906	1505	79.0
Torfaen LA	1132	747	66.0	1140	857	75.2	1123	970	86.4	1013	904	89.2
Health Board Total	7066	4008	56.7	7053	5607	79.5	6899	5844	84.7	6986	5806	83.1
Betsi Cadwaladr University HB												
Anglesey LA	783	565	72.2	724	593	81.9	710	603	84.9	740	651	88.0
Conwy LA	1213	845	69.7	1230	1013	82.4	1180	1060	89.8	1172	1055	90.0
Denbighshire LA	1114	750	67.3	1100	827	75.2	1109	924	83.3	1094	966	88.3
Flintshire LA	1817	1483	81.6	1696	1148	67.7	1656	1388	83.8	1651	1458	88.3
Gwynedd LA	1295	970	74.9	1353	1133	83.7	1261	1131	89.7	1166	1052	90.2
Wrexham LA	1560	1161	74.4	1560	1119	71.7	1503	1257	83.6	1440	1283	89.1
Health Board Total	7782	5774	74.2	7663	5833	76.1	7419	6363	85.8	7263	6465	89.0
Cardiff and Vale University HB												
Cardiff LA	4282	3077	71.9	4137	3174	76.7	4025	3106	77.2	3815	2928	76.7
Vale of Glamorgan LA	1622	1227	75.6	1502	1274	84.8	1520	1252	82.4	1464	1207	82.4
Health Board Total	5904	4304	72.9	5639	4448	78.9	5545	4358	78.6	5279	4135	78.3
Cwm Taf Morgannwg University HB												
Bridgend LA	1747	1498	85.7	1627	1476	90.7	1687	1552	92.0	1602	1359	84.8
Merthyr Tydfil LA	711	576	81.0	703	637	90.6	716	644	89.9	672	595	88.5
Rhondda Cynon Taf LA	2845	2384	83.8	2882	2628	91.2	2885	2642	91.6	2678	2472	92.3
Health Board Total	5303	4458	84.1	5212	4741	91.0	5288	4838	91.5	4952	4426	89.4
Hywel Dda University HB												
Cardiganshire LA	2150	114	5.3	2123	1411	66.5	2023	1786	88.3	2004	1770	88.3
Ceredigion LA	686	594	86.6	604	531	87.9	660	582	88.2	673	591	87.8
Pembrokeshire LA	1339	1072	80.1	1363	811	59.5	1259	1059	84.1	1261	1057	83.8
Health Board Total	4175	1780	42.6	4090	2753	67.3	3942	3427	86.9	3938	3418	86.8
Powys Teaching HB												
Health Board Total	1347	1136	84.3	1362	1132	83.1	1408	1238	87.9	1341	1198	89.3
Swansea Bay University HB												
Neath Port Talbot LA	1638	1377	84.1	1619	1423	87.9	1660	1535	92.5	1519	1379	90.8
Swansea LA	2706	1634	60.4	2611	2112	80.9	2559	2346	91.7	2575	2347	91.1
Health Board Total	4344	3011	69.3	4230	3535	83.6	4219	3881	92.0	4094	3726	91.0
Unknown	75	52	69.3	87	69	79.3	100	82	82.0	105	88	83.8
Wales Total	35996	24523	68.1	35336	28118	79.6	34820	30031	86.2	33958	29262	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 30/06/21, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		Teenage 3 in 1 booster ^{1,2}								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) (%)	(n)	(n) (n) (%)	(n) (%)	(n)	(n) (n) (%)	(n) (%)	(n) (%)		
Aneurin Bevan University HB	(n)	(n) (n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n)	(n) (n) (%)	(n) (%)	(n) (%)	(n)	(n) (n) (%)	(n) (%)	(n)	(n) (n) (%)	(n) (%)	(n) (%)		
Blaenau Gwent LA	723	701 97.0	681 94.2	287 39.7	301 41.6	388	373 96.1	362 93.3	335	328 97.9	319 95.2											
Caerphilly LA	2096	2046 97.6	1991 95.0	1432 68.3	1434 68.4	1048	1029 98.2	1003 95.7	1048	1017 97.0	988 94.3											
Monmouthshire LA	1069	1016 95.0	984 92.0	640 59.9	640 59.9	528	498 94.3	485 91.9	541	518 95.7	499 92.2											
Newport LA	2046	1940 94.8	1859 90.9	891 43.5	886 43.3	990	943 95.3	908 91.7	1055	997 94.5	951 90.1											
Torfaen LA	1132	1113 98.3	1081 95.5	742 65.5	747 66.0	545	539 98.9	524 96.1	587	574 97.8	557 94.9											
Health Board Total	7066	6816 96.5	6596 93.3	3992 56.5	4008 56.7	3499	3382 96.7	3282 93.8	3566	3434 96.3	3314 92.9											
Betsi Cadwaladr University HB																						
Anglesey LA	783	754 96.3	731 93.4	580 74.1	565 72.2	370	357 96.5	347 93.8	413	397 96.1	384 93.0											
Conwy LA	1213	1157 95.4	1129 93.1	807 66.5	845 69.7	597	573 96.0	566 94.8	616	584 94.8	563 91.4											
Denbighshire LA	1114	1063 95.4	1043 93.6	665 59.7	750 67.3	540	519 96.1	507 93.9	573	544 94.9	536 93.5											
Flintshire LA	1817	1724 94.9	1679 92.4	1476 81.2	1483 81.6	895	845 94.4	826 92.3	922	879 95.3	853 92.5											
Gwynedd LA	1295	1247 96.3	1211 93.5	824 63.6	970 74.9	635	611 96.2	596 93.9	660	636 96.4	615 93.2											
Wrexham LA	1560	1506 96.5	1472 94.4	1165 74.7	1161 74.4	739	718 97.2	700 94.7	821	788 96.0	772 94.0											
Health Board Total	7782	7451 95.7	7265 93.4	5517 70.9	5774 74.2	3776	3623 95.9	3542 93.8	4005	3828 95.6	3723 93.0											
Cardiff and Vale University HB																						
Cardiff LA	4282	4045 94.5	3853 90.0	3078 71.9	3077 71.9	2109	1999 94.8	1897 89.9	2172	2045 94.2	1955 90.0											
Vale of Glamorgan LA	1622	1559 96.1	1497 92.3	1229 75.8	1227 75.6	776	745 96.0	718 92.5	846	814 96.2	779 92.1											
Health Board Total	5904	5604 94.9	5350 90.6	4307 73.0	4304 72.9	2885	2744 95.1	2615 90.6	3018	2859 94.7	2734 90.6											
Cwm Taf Morgannwg University HB																						
Bridgend LA	1747	1686 96.5	1607 92.0	1489 85.2	1498 85.7	845	821 97.2	785 92.9	902	865 95.9	822 91.1											
Merthyr Tydfil LA	711	686 96.5	665 93.5	578 81.3	576 81.0	327	315 96.3	303 92.7	384	371 96.6	362 94.3											
Rhondda Cynon Taf LA	2845	2776 97.6	2711 95.3	2389 84.0	2384 83.8	1342	1309 97.5	1278 95.2	1502	1466 97.6	1432 95.3											
Health Board Total	5303	5148 97.1	4983 94.0	4456 84.0	4458 84.1	2514	2445 97.3	2366 94.1	2788	2702 96.9	2616 93.8											
Hywel Dda University HB																						
Carmarthenshire LA	2150	2022 94.0	1948 90.6	123 5.7	114 5.3	1060	998 94.2	960 90.6	1089	1023 93.9	987 90.6											
Ceredigion LA	686	650 94.8	629 91.7	591 86.2	594 86.6	343	324 94.5	313 91.3	343	326 95.0	316 92.1											
Pembrokeshire LA	1339	1245 93.0	1181 88.2	1080 80.7	1072 80.1	659	621 94.2	593 90.0	680	624 91.8	588 86.5											
Health Board Total	4175	3917 93.8	3758 90.0	1794 43.0	1780 42.6	2062	1943 94.2	1866 90.5	2112	1973 93.4	1891 89.5											
Powys Teaching HB																						
Health Board Total	1347	1274 94.6	1223 90.8	1126 83.6	1136 84.3	655	620 94.7	596 91.0	691	654 94.6	627 90.7											
Swansea Bay University HB																						
Neath Port Talbot LA	1638	1600 97.7	1548 94.5	1375 83.9	1377 84.1	803	786 97.9	762 94.9	835	814 97.5	786 94.1											
Swansea LA	2706	2593 95.8	2501 92.4	1635 60.4	1634 60.4	1318	1270 96.4	1222 92.7	1388	1323 95.3	1279 92.1											
Health Board Total	4344	4193 96.5	4049 93.2	3010 69.3	3011 69.3	2121	2056 96.9	1984 93.5	2223	2137 96.1	2065 92.9											
Unknown	75	66 88.0	66 88.0	51 68.0	52 69.3	35	32 91.4	32 91.4	40	34 85.0	34 85.0											
Wales Total	35996	34469 95.8	33290 92.5	24253 67.4	24523 68.1	17547	16845 96.0	16283 92.8	18443	17621 95.5	17004 92.2											

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 30/06/21, 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)	(%)
Aneurin Bevan University HB																			
Blaenau Gwent LA	777	757	97.4	738	95.0	651	83.8	653	84.0	413	407	98.5	397	96.1	364	350	96.2	341	93.7
Caerphilly LA	2136	2092	97.9	2031	95.1	1771	82.9	1771	82.9	1026	1015	98.9	985	96.0	1110	1077	97.0	1046	94.2
Monmouthshire LA	1082	1006	93.0	974	90.0	838	77.4	842	77.8	521	491	94.2	476	91.4	561	515	91.8	498	88.8
Newport LA	1918	1820	94.9	1736	90.5	1479	77.1	1484	77.4	960	917	95.5	879	91.6	957	903	94.4	857	89.6
Torfaen LA	1140	1104	96.8	1056	92.6	855	75.0	857	75.2	549	530	96.5	512	93.3	591	574	97.1	544	92.0
Health Board Total	7053	6779	96.1	6535	92.7	5594	79.3	5607	79.5	3469	3360	96.9	3249	93.7	3583	3419	95.4	3286	91.7
Betsi Cadwaladr University HB																			
Anglesey LA	724	693	95.7	673	93.0	602	83.1	593	81.9	346	331	95.7	321	92.8	378	362	95.8	352	93.1
Conwy LA	1230	1159	94.2	1135	92.3	1011	82.2	1013	82.4	592	548	92.6	534	90.2	637	610	95.8	600	94.2
Denbighshire LA	1100	1058	96.2	1025	93.2	820	74.5	827	75.2	547	527	96.3	505	92.3	553	531	96.0	520	94.0
Flintshire LA	1696	1608	94.8	1549	91.3	1145	67.5	1148	67.7	827	778	94.1	751	90.8	869	830	95.5	798	91.8
Gwynedd LA	1353	1301	96.2	1267	93.6	1136	84.0	1133	83.7	675	652	96.6	632	93.6	678	649	95.7	635	93.7
Wrexham LA	1560	1508	96.7	1470	94.2	1113	71.3	1119	71.7	766	744	97.1	729	95.2	794	764	96.2	741	93.3
Health Board Total	7663	7327	95.6	7119	92.9	5827	76.0	5833	76.1	3753	3580	95.4	3472	92.5	3909	3746	95.8	3646	93.3
Cardiff and Vale University HB																			
Cardiff LA	4137	3883	93.9	3651	88.3	3175	76.7	3174	76.7	1987	1864	93.8	1745	87.8	2150	2019	93.9	1906	88.7
Vale of Glamorgan LA	1502	1439	95.8	1381	91.9	1274	84.8	1274	84.8	743	714	96.1	688	92.6	759	725	95.5	693	91.3
Health Board Total	5639	5322	94.4	5032	89.2	4449	78.9	4448	78.9	2730	2578	94.4	2433	89.1	2909	2744	94.3	2599	89.3
Cwm Taf Morgannwg University HB																			
Bridgend LA	1627	1547	95.1	1478	90.8	1472	90.5	1476	90.7	789	752	95.3	723	91.6	837	794	94.9	754	90.1
Merthyr Tydfil LA	703	670	95.3	647	92.0	637	90.6	637	90.6	322	306	95.0	292	90.7	381	364	95.5	355	93.2
Rhondda Cynon Taf LA	2882	2769	96.1	2679	93.0	2620	90.9	2628	91.2	1416	1365	96.4	1329	93.9	1466	1404	95.8	1350	92.1
Health Board Total	5212	4986	95.7	4804	92.2	4729	90.7	4741	91.0	2527	2423	95.9	2344	92.8	2684	2562	95.5	2459	91.6
Hywel Dda University HB																			
Carmarthenshire LA	2123	1986	93.5	1934	91.1	1407	66.3	1411	66.5	1013	956	94.4	929	91.7	1110	1030	92.8	1005	90.5
Ceredigion LA	604	576	95.4	559	92.5	532	88.1	531	87.9	298	283	95.0	276	92.6	306	293	95.8	283	92.5
Pembrokeshire LA	1363	1279	93.8	1220	89.5	816	59.9	811	59.5	613	581	94.8	557	90.9	750	698	93.1	663	88.4
Health Board Total	4090	3841	93.9	3713	90.8	2755	67.4	2753	67.3	1924	1820	94.6	1762	91.6	2166	2021	93.3	1951	90.1
Powys Teaching HB																			
Health Board Total	1362	1262	92.7	1202	88.3	1120	82.2	1132	83.1	685	635	92.7	603	88.0	677	627	92.6	599	88.5
Swansea Bay University HB																			
Neath Port Talbot LA	1619	1564	96.6	1515	93.6	1417	87.5	1423	87.9	799	779	97.5	754	94.4	820	785	95.7	761	92.8
Swansea LA	2611	2494	95.5	2388	91.5	2098	80.4	2112	80.9	1227	1171	95.4	1128	91.9	1384	1323	95.6	1260	91.0
Health Board Total	4230	4058	95.9	3903	92.3	3515	83.1	3535	83.6	2026	1950	96.2	1882	92.9	2204	2108	95.6	2021	91.7
Unknown	87	79	90.8	77	88.5	70	80.5	69	79.3	37	34	91.9	34	91.9	50	45	90.0	43	86.0
Wales Total	35336	33654	95.2	32385	91.6	28059	79.4	28118	79.6	17151	16380	95.5	15779	92.0	18182	17272	95.0	16604	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 30/06/2021, 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)
Aneurin Bevan University HB	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n)	(n) (%)	(n) (%)	(n)	(n) (%)	(n) (%)
Blaenau Gwent LA	700	678 96.9	662 94.6	615 87.9	614 87.7	348	337 96.8	329 94.5	352	341 96.9	333 94.6
Caerphilly LA	2063	2011 97.5	1960 95.0	1791 86.8	1797 87.1	1010	989 97.9	966 95.6	1053	1022 97.1	994 94.4
Monmouthshire LA	1098	1028 93.6	999 91.0	873 79.5	878 80.0	525	491 93.5	477 90.9	573	537 93.7	522 91.1
Newport LA	1915	1823 95.2	1753 91.5	1576 82.3	1585 82.8	953	908 95.3	878 92.1	959	913 95.2	875 91.2
Torfaen LA	1123	1092 97.2	1066 94.9	984 87.6	970 86.4	549	532 96.9	524 95.4	574	560 97.6	542 94.4
Health Board Total	6899	6632 96.1	6440 93.3	5839 84.6	5844 84.7	3385	3257 96.2	3174 93.8	3511	3373 96.1	3266 93.0
Betsi Cadwaladr University HB											
Anglesey LA	710	666 93.8	647 91.1	609 85.8	603 84.9	345	325 94.2	315 91.3	365	341 93.4	332 91.0
Conwy LA	1180	1119 94.8	1086 92.0	1051 89.1	1060 89.8	537	512 95.3	498 92.7	643	607 94.4	588 91.4
Denbighshire LA	1109	1036 93.4	999 90.1	913 82.3	924 83.3	532	498 93.6	481 90.4	577	538 93.2	518 89.8
Flintshire LA	1656	1569 94.7	1518 91.7	1387 83.8	1388 83.8	817	777 95.1	753 92.2	839	792 94.4	765 91.2
Gwynedd LA	1261	1222 96.9	1195 94.8	1134 89.9	1131 89.7	635	620 97.6	605 95.3	626	602 96.2	590 94.2
Wrexham LA	1503	1455 96.8	1413 94.0	1252 83.3	1257 83.6	739	714 96.6	687 93.0	764	741 97.0	726 95.0
Health Board Total	7419	7067 95.3	6858 92.4	6346 85.5	6363 85.8	3605	3446 95.6	3339 92.6	3814	3621 94.9	3519 92.3
Cardiff and Vale University HB											
Cardiff LA	4025	3760 93.4	3554 88.3	3111 77.3	3106 77.2	1996	1876 94.0	1782 89.3	2028	1884 92.9	1772 87.4
Vale of Glamorgan LA	1520	1451 95.5	1384 91.1	1251 82.3	1252 82.4	763	724 94.9	690 90.4	756	727 96.2	694 91.8
Health Board Total	5545	5211 94.0	4938 89.1	4362 78.7	4358 78.6	2759	2600 94.2	2472 89.6	2784	2611 93.8	2466 88.6
Cwm Taf Morgannwg University HB											
Bridgend LA	1687	1617 95.9	1548 91.8	1546 91.6	1552 92.0	793	764 96.3	738 93.1	894	853 95.4	810 90.6
Merthyr Tydfil LA	716	686 95.8	657 91.8	641 89.5	644 89.9	358	342 95.5	327 91.3	358	344 96.1	330 92.2
Rhondda Cynon Taf LA	2885	2764 95.8	2655 92.0	2650 91.9	2642 91.6	1403	1349 96.2	1302 92.8	1481	1415 95.5	1353 91.4
Health Board Total	5288	5067 95.8	4860 91.9	4837 91.5	4838 91.5	2554	2455 96.1	2367 92.7	2733	2612 95.6	2493 91.2
Hywel Dda University HB											
Carmarthenshire LA	2023	1925 95.2	1878 92.8	1790 88.5	1786 88.3	980	940 95.9	913 93.2	1043	985 94.4	965 92.5
Ceredigion LA	660	628 95.2	604 91.5	584 88.5	582 88.2	299	281 94.0	269 90.0	361	347 96.1	335 92.8
Pembrokeshire LA	1259	1205 95.7	1143 90.8	1067 84.7	1059 84.1	617	593 96.1	558 90.4	642	612 95.3	585 91.1
Health Board Total	3942	3758 95.3	3625 92.0	3441 87.3	3427 86.9	1896	1814 95.7	1740 91.8	2046	1944 95.0	1885 92.1
Powys Teaching HB											
Health Board Total	1408	1311 93.1	1250 88.8	1229 87.3	1238 87.9	677	638 94.2	615 90.8	731	673 92.1	635 86.9
Swansea Bay University HB											
Neath Port Talbot LA	1660	1581 95.2	1501 90.4	1528 92.0	1535 92.5	828	786 94.9	753 90.9	832	795 95.6	748 89.9
Swansea LA	2559	2396 93.6	2293 89.6	2329 91.0	2346 91.7	1189	1114 93.7	1063 89.4	1370	1282 93.6	1230 89.8
Health Board Total	4219	3977 94.3	3794 89.9	3857 91.4	3881 92.0	2017	1900 94.2	1816 90.0	2202	2077 94.3	1978 89.8
Unknown	100	92 92.0	89 89.0	84 84.0	82 82.0	48	43 89.6	42 87.5	52	49 94.2	47 90.4
Wales Total	34820	33115 95.1	31854 91.5	29995 86.1	30031 86.2	16941	16153 95.3	15565 91.9	17873	16960 94.9	16289 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 01/04/21 and 30/06/21 and resident on 30/06/21, 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)	(%)
Aneurin Bevan University HB																			
Blaenau Gwent LA	169	167	98.8	165	97.6	150	88.8	151	89.3	82	81	98.8	80	97.6	87	86	98.9	85	97.7
Caerphilly LA	495	487	98.4	471	95.2	432	87.3	434	87.7	225	223	99.1	215	95.6	270	264	97.8	256	94.8
Monmouthshire LA	253	235	92.9	228	90.1	197	77.9	196	77.5	131	121	92.4	118	90.1	122	114	93.4	110	90.2
Newport LA	449	433	96.4	409	91.1	364	81.1	371	82.6	235	227	96.6	219	93.2	214	206	96.3	190	88.8
Torfaen LA	283	275	97.2	270	95.4	246	86.9	238	84.1	153	149	97.4	148	96.7	130	126	96.9	122	93.8
Health Board Total	1649	1597	96.8	1543	93.6	1389	84.2	1390	84.3	826	801	97.0	780	94.4	823	796	96.7	763	92.7
Betsi Cadwaladr University HB																			
Anglesey LA	187	179	95.7	174	93.0	153	81.8	151	80.7	86	84	97.7	81	94.2	101	95	94.1	93	92.1
Conwy LA	271	265	97.8	258	95.2	247	91.1	247	91.1	129	127	98.4	123	95.3	142	138	97.2	135	95.1
Denbighshire LA	278	264	95.0	252	90.6	236	84.9	238	85.6	139	134	96.4	126	90.6	139	130	93.5	126	90.6
Flintshire LA	396	374	94.4	368	92.9	339	85.6	341	86.1	210	200	95.2	196	93.3	186	174	93.5	172	92.5
Gwynedd LA	303	295	97.4	290	95.7	269	88.8	266	87.8	148	145	98.0	144	97.3	155	150	96.8	146	94.2
Wrexham LA	349	337	96.6	328	94.0	298	85.4	301	86.2	171	165	96.5	160	93.6	178	172	96.6	168	94.4
Health Board Total	1784	1714	96.1	1670	93.6	1542	86.4	1544	86.5	883	855	96.8	830	94.0	901	859	95.3	840	93.2
Cardiff and Vale University HB																			
Cardiff LA	950	895	94.2	848	89.3	732	77.1	731	76.9	475	453	95.4	434	91.4	475	442	93.1	414	87.2
Vale of Glamorgan LA	382	367	96.1	349	91.4	320	83.8	321	84.0	196	186	94.9	177	90.3	186	181	97.3	172	92.5
Health Board Total	1332	1262	94.7	1197	89.9	1052	79.0	1052	79.0	671	639	95.2	611	91.1	661	623	94.3	586	88.7
Cwm Taf Morgannwg University HB																			
Bridgend LA	416	399	95.9	381	91.6	383	92.1	384	92.3	185	179	96.8	171	92.4	231	220	95.2	210	90.9
Merthyr Tydfil LA	173	163	94.2	155	89.6	155	89.6	156	90.2	85	80	94.1	76	89.4	88	83	94.3	79	89.8
Rhondda Cynon Taf LA	694	663	95.5	636	91.6	628	90.5	623	89.8	338	323	95.6	310	91.7	356	340	95.5	326	91.6
Health Board Total	1283	1225	95.5	1172	91.3	1166	90.9	1163	90.6	608	582	95.7	557	91.6	675	643	95.3	615	91.1
Hywel Dda University HB																			
Cardemarthenshire LA	486	458	94.2	447	92.0	433	89.1	434	89.3	238	226	95.0	219	92.0	248	232	93.5	228	91.9
Ceredigion LA	171	163	95.3	155	90.6	145	84.8	146	85.4	84	80	95.2	77	91.7	87	83	95.4	78	89.7
Pembrokeshire LA	319	304	95.3	291	91.2	275	86.2	272	85.3	160	150	93.8	140	87.5	159	154	96.9	151	95.0
Health Board Total	976	925	94.8	893	91.5	853	87.4	852	87.3	482	456	94.6	436	90.5	494	469	94.9	457	92.5
Powys Teaching HB																			
Health Board Total	337	316	93.8	304	90.2	292	86.6	292	86.6	167	156	93.4	152	91.0	170	160	94.1	152	89.4
Swansea Bay University HB																			
Neath Port Talbot LA	382	365	95.5	344	90.1	350	91.6	352	92.1	198	190	96.0	180	90.9	184	175	95.1	164	89.1
Swansea LA	615	583	94.8	561	91.2	553	89.9	560	91.1	297	282	94.9	268	90.2	318	301	94.7	293	92.1
Health Board Total	997	948	95.1	905	90.8	903	90.6	912	91.5	495	472	95.4	448	90.5	502	476	94.8	457	91.0
Unknown	21	18	85.7	16	76.2	18	85.7	18	85.7	10	9	90.0	8	80.0	11	9	81.8	8	72.7
Wales Total	8379	8005	95.5	7700	91.9	7215	86.1	7223	86.2	4142	3970	95.8	3822	92.3	4237	4035	95.2	3878	91.5

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

Table 15. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/04/21 and 30/06/21 and resident on 30/06/21.¹

Area	1 yr			2 yrs			5 yrs			16 yrs		
	Resident children	BCG Immunised		Resident children	3CG Immunised		Resident children	3CG Immunised		Resident children	3CG Immunised	
Aneurin Bevan University HB	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
Blaenau Gwent LA	168	7	4.2	200	6	3.0	200	6	3.0	169	6	3.6
Caerphilly LA	383	12	3.1	427	12	2.8	492	10	2.0	495	8	1.6
Monmouthshire LA	192	10	5.2	185	7	3.8	219	6	2.7	253	7	2.8
Newport LA	476	74	15.5	476	82	17.2	505	77	15.2	449	46	10.2
Torfaen LA	241	5	2.1	260	10	3.8	265	5	1.9	283	3	1.1
Health Board Total	1460	108	7.4	1548	117	7.6	1681	104	6.2	1649	70	4.2
Betsi Cadwaladr University HB												
Anglesey LA	151	0	0.0	131	5	3.8	194	4	2.1	187	3	1.6
Conwy LA	230	4	1.7	276	14	5.1	239	17	7.1	271	11	4.1
Denbighshire LA	237	6	2.5	250	11	4.4	285	13	4.6	278	18	6.5
Flintshire LA	331	8	2.4	334	21	6.3	412	25	6.1	396	13	3.3
Gwynedd LA	255	4	1.6	273	7	2.6	300	10	3.3	303	12	4.0
Wrexham LA	294	13	4.4	316	32	10.1	367	20	5.4	349	23	6.6
Health Board Total	1498	35	2.3	1580	90	5.7	1797	89	5.0	1784	80	4.5
Cardiff and Vale University HB												
Cardiff LA	908	205	22.6	890	46	5.2	1102	45	4.1	950	207	21.8
Vale of Glamorgan LA	299	25	8.4	297	1	0.3	384	8	2.1	382	19	5.0
Health Board Total	1207	230	19.1	1187	47	4.0	1486	53	3.6	1332	226	17.0
Cwm Taf Morgannwg Univeristy HB												
Bridgend LA	328	10	3.0	335	16	4.8	418	15	3.6	416	9	2.2
Merthyr Tydfil LA	163	7	4.3	150	6	4.0	161	12	7.5	173	4	2.3
Rhondda Cynon Taf LA	592	20	3.4	608	21	3.5	674	27	4.0	694	13	1.9
Health Board Total	1083	37	3.4	1093	43	3.9	1253	54	4.3	1283	26	2.0
Hywel Dda University HB												
Carmarthenshire LA	420	18	4.3	423	11	2.6	478	18	3.8	486	21	4.3
Ceredigion LA	133	6	4.5	143	5	3.5	149	10	6.7	171	6	3.5
Pembrokeshire LA	245	6	2.4	260	9	3.5	310	6	1.9	319	3	0.9
Health Board Total	798	30	3.8	826	25	3.0	937	34	3.6	976	30	3.1
Powys Teaching Health Board												
Health Board Total	292	2	0.7	277	6	2.2	313	9	2.9	337	10	3.0
Swansea Bay University HB												
Neath Port Talbot LA	332	10	3.0	322	7	2.2	403	13	3.2	382	9	2.4
Swansea LA	507	59	11.6	561	53	9.4	612	63	10.3	615	48	7.8
Health Board Total	839	69	8.2	883	60	6.8	1015	76	7.5	997	57	5.7
Unknown	0	0	0.0	18	0	0.0	10	1	10.0	21	0	0.0
Wales Total	7202	513	7.1	7412	388	5.2	8492	420	4.9	8379	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 01/04/21 and 30/06/21 and resident on 30/06/21, 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	1460	3	100.0	100.0	100.0	1548	1	100.0	100.0	100.0	100.0	1681	0	-	-	-	-
Betsi Cadwaladr UHB	1498	0	-	-	-	1580	1	100.0	100.0	100.0	100.0	1797	1	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1207	3	66.7	100.0	100.0	1187	5	100.0	100.0	100.0	20.0	1486	3	100.0	100.0	100.0	100.0
Cwm Taf Morgannwg UHB	1083	1	100.0	100.0	100.0	1093	0	-	-	-	-	1253	1	100.0	100.0	100.0	-
Hywel Dda UHB	798	1	100.0	100.0	100.0	826	0	-	-	-	-	937	0	-	-	-	-
Powys Teaching HB	292	0	-	-	-	277	0	-	-	-	-	313	0	-	-	-	-
Swansea Bay UHB	839	1	100.0	100.0	100.0	883	0	-	-	-	-	1015	2	100.0	100.0	100.0	100.0
Unknown	25	0	-	-	-	18	0	-	-	-	-	10	0	-	-	-	-
Wales Total	7202	9	88.9	100.0	100.0	7412	7	100.0	100.0	100.0	42.9	8492	7	100.0	100.0	100.0	85.7

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