

Vaccine Uptake in Children in Wales July to September 2020

COVER 136: Wales November 2020

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 95.8% this quarter and was 95% or higher in five of the seven Health Boards (HBs) and in 16 of the 22 Local Authority (LA) areas.
- Uptake of a complete three-dose course of MenB vaccine in two year olds was 94.7% this quarter. Five HBs and 13 LA areas had an uptake above 95%.
- Uptake of the first dose of MMR vaccine in two year old children was 95.0% this quarter. Five HBs and 12 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 87.5% this quarter and was 90.9% in five year olds.
- Uptake of one dose of HPV vaccine in the 2019-20 school year 8 children (12-13 year olds) is 56.3%, 59.4% for girls and 53.4% for boys. Vaccination sessions were not fully completed for the first dose of the Human Papillomavirus vaccine (HPV) scheduled in children in the 2019-20 school year 8 (12-13 year olds), and for the second dose of the HPV vaccine scheduled in girls in the 2019-20 school year 9 (13-14 year olds) due to the closure of schools between March and July. Catch-up immunisations will be required for those in this cohort who did not receive immunisations as scheduled. This is the first HPV cohort to include boys.
- Uptake of routine MenACWY vaccine in the 2019-20 school year 9 cohort is 75.0%. Coverage of the MenACWY vaccine in the 2019-20 school year 10 cohort is 86.0%.
- Uptake of the Td/IPV teenage booster in the 2019-20 school year 9 cohort is 74.9%. Coverage of the Td/IPV teenage booster in the 2019-20 school year 10 is 86.0%.
- Coverage of one dose of MMR vaccine in the 2019-20 school year 10 (age 14-15 years) was 95.4%, coverage of two doses was 91.7%.
- Coverage of one dose of MMR vaccine in the 2019-20 school year 11 (age 15-16 years) was 95.2%, coverage of two doses is 91.6%.

Background

These results are for children living in Wales in September 2020 and reaching their first, second, fourth, fifth and 16th birthdays during the quarter 01/07/2020 to 30/09/2020. 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 01/09/2019 and 31/08/2020). 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 95.8% this quarter, compared to 96.2% last quarter. Uptake ranged by HB from 93.6% (Hywel Dda) to 98.5% (Powys Teaching) and by LA from 90.4% (Ceredigion) to 98.8% (Monmouthshire and Gwynedd). Five of the seven HBs and 16 of the 22 LA areas achieved the target 95% uptake (Figures 2, 3 and 6, Tables 2 and 3).
2. Uptake of a complete two dose primary course of pneumococcal conjugate vaccination (PCV2) in children reaching their first birthday was stable at 96.1% this quarter. Uptake ranged by LA from 90.4% (Ceredigion) to 98.8% (Monmouthshire). Six of the seven HBs and 16 of the 22 LA areas achieved the target 95% uptake (Figures 2 and 3, Tables 2 and 3).
3. Uptake of two doses of MenB vaccine, scheduled at two and four months of age, in children reaching their first birthday was 95.9% this quarter. Uptake in HBs ranged from 93.5% (Hywel Dda) to 98.1% (Powys Teaching and Cwm Taf Morgannwg) and ranged by LA from 90.4% (Ceredigion) to 98.7% (Anglesey) (Figure 3, Tables 2 and 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday decreased to 94.0% this quarter, compared to 94.8% last quarter. Uptake in HBs ranged from 92.2% (Cardiff and Vale) to 97.2% (Cwm Taf Morgannwg) and ranged by LA from 90.5% (Newport) to 98.7% (Merthyr Tydfil) (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 95.0% this quarter compared to 95.5% last quarter. Uptake ranged by HB from 91.8% (Cardiff and Vale) to 96.5% (Powys Teaching) and by LA area from 91.7% (Cardiff) to 98.9% (Blaenau Gwent). Five HBs and 12 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 was 94.7% this quarter compared to 94.8% last quarter. Uptake ranged by HB from 90.9% (Cardiff and Vale) to 96.2% (Powys Teaching) and by LA from 90.7% (Cardiff) to 98.0% (Monmouthshire). Five 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 was 94.9% this quarter compared to 95.5% last quarter. Uptake ranged by HB from 91.7% (Cardiff and Vale) to 96.2% (Powys Teaching) and ranged by LA from 91.6% (Cardiff) to 98.5% (Monmouthshire). Five HBs and 13 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 94.6% this quarter compared to 95.0% last quarter. Uptake ranged by HB from 91.1% (Cardiff and Vale) to 96.2% (Powys Teaching), and ranged by LA from 90.7% (Cardiff) to 98.0% (Monmouthshire). Four HBs and 12 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 95.1%
 - Two doses of MMR was 88.5%

The proportion of children who were up to date with all these routine immunisations at four years of age was 87.5%. This ranged by HB from 83.9% (Cardiff and Vale) to 91.4% (Powys Teaching) and by LA from 80.8% (Newport) to 93.7% (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 90.9%, the same as last quarter. This ranged by HB from 89.1% (Hywel Dda) to 94.0% (Powys Teaching) (Table 6).
11. In children reaching five years of age this quarter, coverage of one dose of MMR was 96.6%. Coverage of two doses of MMR was 92.0%. Coverage of two doses of MMR ranged by HB from 90.0% (Hywel Dda) to 94.4% (Powys Teaching) and by LA from 86.0% (Pembrokeshire) to 94.9% (Ceredigion) (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 93.0% this quarter compared to 93.2% last quarter, ranging by HB from 90.7% (Hywel Dda) to 95.7% (Powys Teaching) and by LA from 86.6% (Pembrokeshire) to 96.4% (Anglesey). Four 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 2019-20 school year 8 group (turning 13 years of age during 01/09/19 to 31/08/20) increased to 56.3% this quarter compared to 38.4% last quarter. Uptake is currently 59.4% for girls and 53.4% for boys. This is the fourth time uptake has been reported for boys after the extension of the HPV vaccination programme (Table 8) [1]. 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 may increase in this cohort as mop up sessions are carried out in the next school year.
14. Coverage of the first dose of HPV vaccine in 2019-20 school year 9 girls is currently 88.8% and uptake of the second dose in this age group is currently 52.6%. Coverage of a complete two dose course of HPV vaccine in 2019-20 school year 10 girls (girls reaching their 15th birthday during 01/09/19 to 31/08/20) is currently 84.5% (Table 9).
15. Current uptake of the MenACWY vaccine in the 2019-20 routine school year 9 cohort is 75.0% (Table 10 and 11). Coverage in the 2019-20 school years 10, 11 and 12, is currently 86.0%, 86.4% and 85.3% respectively (Table 10).
16. Uptake of the Td/IPV⁴ teenage booster in the 2019-20 school year 9 (children reaching 14 years of age) is currently 74.9%. Coverage of two doses of MMR in this year group is currently 91.7% and coverage of one dose is 95.3%. Coverage of two doses of MMR vaccine ranged by HB from 89.1% (Powys Teaching) to 92.8% (Aneurin Bevan). Coverage of a full course of immunisation against rubella (two doses of MMR) in 14 year old girls in this school year group was 92.1% (Table 11).
17. Coverage of the Td/IPV teenage booster in the 2019-20 school year 10 (children reaching 15 years of age) is currently 86.0%. Coverage ranged by HB from 78.8% (Cardiff and Vale) to 91.9% (Swansea Bay). Coverage of two doses of MMR in this year group was 91.7% and coverage of one dose was 95.4%. Coverage of two doses of MMR vaccine ranged by HB from 89.5% (Cardiff and Vale) to 93.7% (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 92.1% (Table 12).
18. Coverage of the Td/IPV teenage booster in the 2019-20 school year 11 (children reaching 16 years of age) is currently 86.2%. Coverage ranged by HB from 79.5% (Cardiff and Vale) to 90.4% (Swansea Bay). 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 88.5% (Cardiff & Vale) to 93.4% (Aneurin Bevan and Betsi Cadwaladr). Coverage of a full course of immunisation against rubella (two doses of MMR) in 16 year old girls in this school year group was 92.0% (Table 13).
19. Coverage of two doses of MMR in children reaching 16 years of age this quarter (between 1st July 2020 and 30th September 2020) was 91.7%, whilst coverage of one dose of MMR was 95.1%. 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.

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

year old girls was 92.1%. National coverage of the Td/IPV teenage booster in children reaching 16 years of age this quarter was 86.4% (Figures 1, 2 and 3, Tables 2 and 14).

- 20.** 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 6.8%, 4.3%, 7.8% and 5.6% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter three of 2020. This quarter Cardiff LA had the highest proportion of children given BCG by one year of age (18.1%), five years of age (21.9%), and sixteen years of age (17.9%).⁵
- 21.** 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 90.0% and uptake of four doses at their fifth birthday was 82.4%. 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

For the quarter July to September 2020 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’).

Uptake of immunisations measured at two years of age was slightly below 95% this quarter, with the exception of the first MMR dose which was at 95%, the third consecutive quarter uptake has been 95% or above for this vaccination. Uptake of the Hib/MenC 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 years of age decreased compared to last quarter, however the proportion of children who were up to date by five years of age remained stable at 90.9%.

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 [2]. Current data suggests that the timeliness of uptake in young children and infants due their immunisations over the last seven months is similar to before the pandemic, although timeliness of immunisations due in October is slightly lower. This is most likely due to general practices additionally delivering influenza vaccination.

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. Current uptake of vaccinations due in 2019-20 School Year 14 are low compared the 2018-19 School Year 14 at the same time last year [3];

- Td/IPV 74.9% compared to 84.0%
- MenACWY 75.0% compared to 84.0%
- HPV Dose 2 (girls only) 52.6% compared to 81.2%

This is the fourth quarterly report to include uptake of HPV vaccine in the 2019-20 School Year 13 boys following the extension of the HPV vaccination programme in September 2019 [1]. Uptake of HPV dose one in this group is currently 53.4%. Uptake of one dose of HPV vaccine in 2019-20 School Year 13 girls is currently 59.4%, compared to 85.5% for one dose in 2018-19 School Year 13 girls at the same time last year. Catch up of these immunisations will be important for the 2019-20 School Year 13 and 14 children over the next academic year.

Most COVID-19 lockdown measures were lifted in Wales on 3rd August 2020 [4]. There continues to be infrequent notifications of vaccine preventable diseases to Public Health Wales Health Protection Teams [5], this will continue to be monitored closely as further COVID-19 control measures are eased and international travel resumes.

References

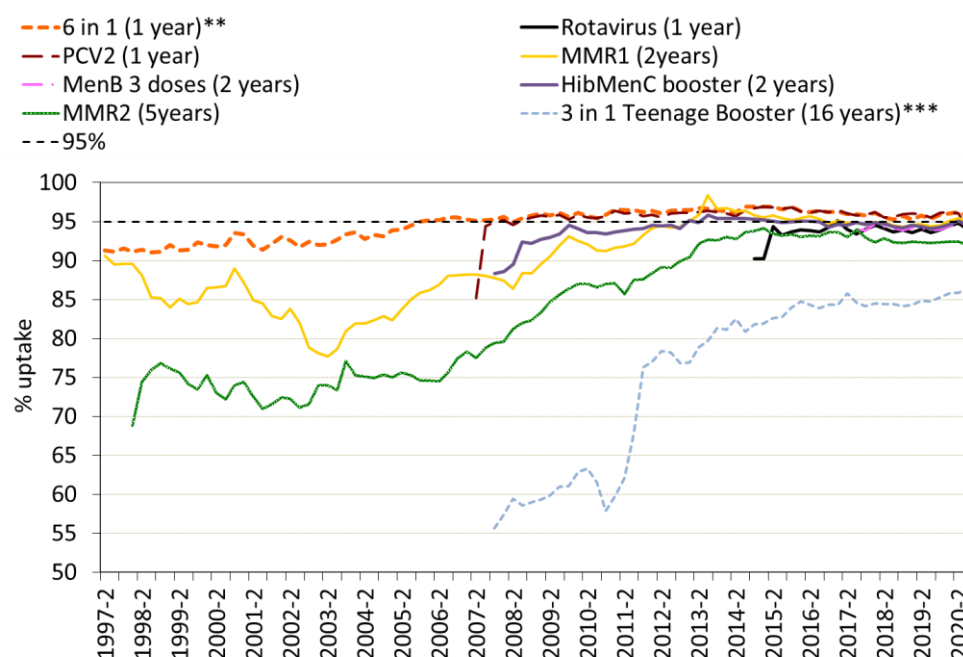
1. Welsh Health Circular- Changes to the HPV immunisation programme from the academic school year starting September 2019. Available from: [http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Changes%20to%20the%20Human%20Papillomavirus%20\(HPV\)%20Immunisation%20Programme%27%20-%20English.pdf](http://www.gpone.wales.nhs.uk/sitesplus/documents/1000/WHC%202019%20020%20%27Changes%20to%20the%20Human%20Papillomavirus%20(HPV)%20Immunisation%20Programme%27%20-%20English.pdf)
2. Public Health Wales Health Protection Division. Vaccine uptake in children in Wales, Effect of COVID-19 on timeliness of childhood vaccinations: November 2020, November 2020. Cardiff, Public Health Wales. Available from: [http://nww2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/61c1e930f9121fd080256f2a004937ed/7c7ea1e1d4a8f10480258624003f0ff8/\\$FILE/EnhancedCOVERNovember2020%20\(Report%207\)_v1.pdf](http://nww2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/61c1e930f9121fd080256f2a004937ed/7c7ea1e1d4a8f10480258624003f0ff8/$FILE/EnhancedCOVERNovember2020%20(Report%207)_v1.pdf)
3. Public Health Wales Health Protection Division. Vaccine uptake in Children in Wales, July to September 2019: COVER report 132, December 2019. Cardiff, Public Health Wales. Available from: [http://nww2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/61c1e930f9121fd080256f2a004937ed/f11e2daea5cc11a5802584d9003f7aa5/\\$FILE/Cov19q3%20\(Report%20132\)_v1.pdf](http://nww2.nphs.wales.nhs.uk:8080/CommunitySurveillanceDocs.nsf/61c1e930f9121fd080256f2a004937ed/f11e2daea5cc11a5802584d9003f7aa5/$FILE/Cov19q3%20(Report%20132)_v1.pdf)
4. Institute for Government. Coronavirus lockdown rules in each part of the UK, November 2020. <https://www.instituteforgovernment.org.uk/explainers/coronavirus-lockdown-rules-four-nations-uk>
5. Public Health Wales Weekly Notification of Mumps Dashboard. November 2020: <https://public.tableau.com/profile/public.health.wales.health.protection#!/vizhome/NotificationsofMUMPSinWales2014-2017/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.

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Figure 1. Percentage uptake of childhood immunisations in Wales, quarter 2 1997 to quarter 3 2020*.

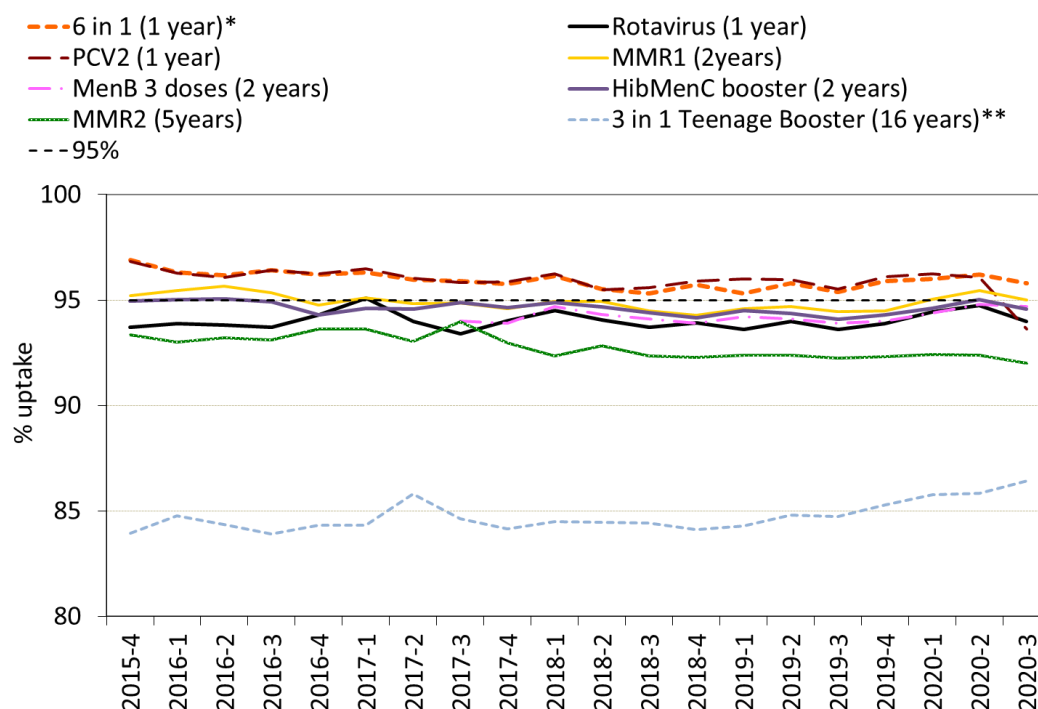


*Uptake data for quarter 3 2014 to quarter 4 2014 presented here are based on estimates calculated in August 2015, rather than published data, due to data quality problems affecting reported uptake of some immunisations in reports published during this period.

**Uptake of pertussis used as a proxy.

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

Figure 2. Percentage uptake of childhood immunisations in Wales, quarter 4 2015 to quarter 3 2020**



* Uptake of pertussis used as proxy.

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

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

Figure 3. Summary of uptake rates for selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/07/20 and 30/09/20 and resident on 30/09/20.

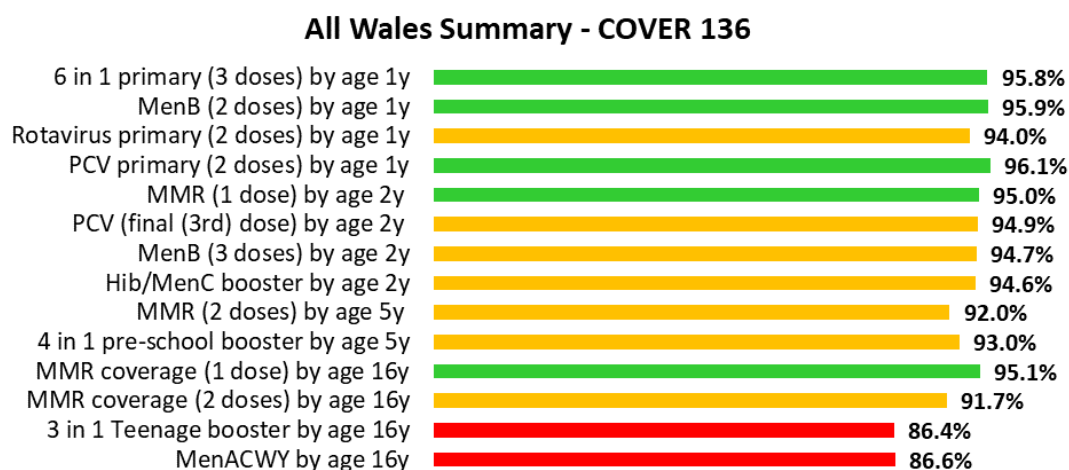


Figure 4. Percentage uptake of resident children reaching their 4th birthday between 01/07/20 and 30/09/20 and are up to date with all scheduled vaccines⁷ by health board.

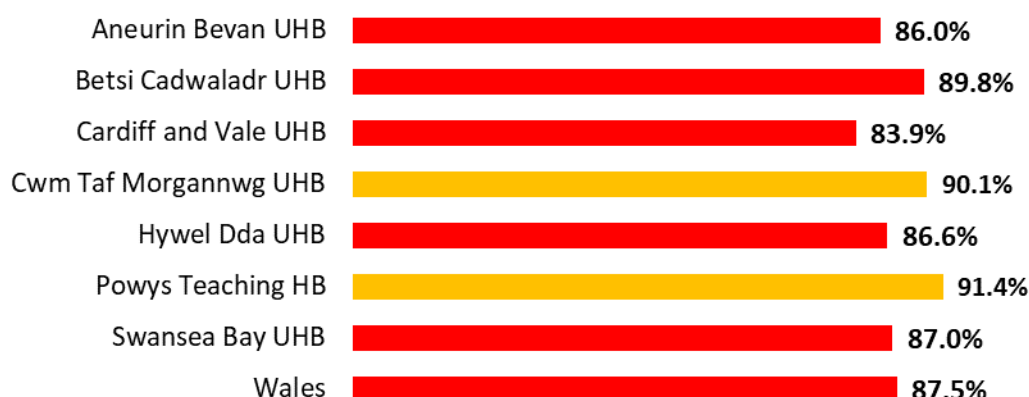
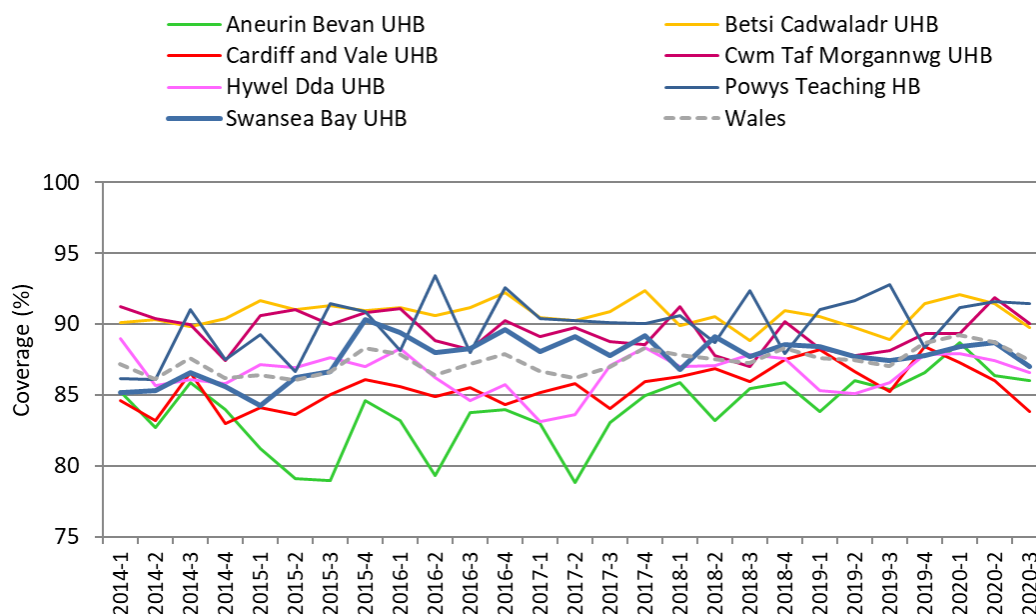


Table 1. Percentages of resident children reaching their 4th birthday during quarter 3 2019 to quarter 3 2020 who are up to date with all scheduled vaccines⁷, by Health Board.

Area	2019-3	2019-4	2020-1	2020-2	2020-3
Aneurin Bevan UHB	85.8	86.6	88.7	86.4	86.0
Betsi Cadwaladr UHB	89.4	91.4	92.1	91.5	89.8
Cardiff and Vale UHB	85.7	88.4	87.3	86.0	83.9
Cwm Taf Morgannwg UHB	88.4	89.3	89.4	91.9	90.1
Hywel Dda UHB	86.1	87.8	87.9	87.4	86.6
Powys Teaching HB	92.4	88.3	91.2	91.6	91.4
Swansea Bay UHB	88.0	87.8	88.4	88.7	87.0
Wales	87.4	88.7	89.2	88.8	87.5

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

Figure 5. Trends in the percentages of children reaching their 4th birthday during quarter 1 2014 to quarter 3 2020, 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 01/07/20 and 30/09/20.

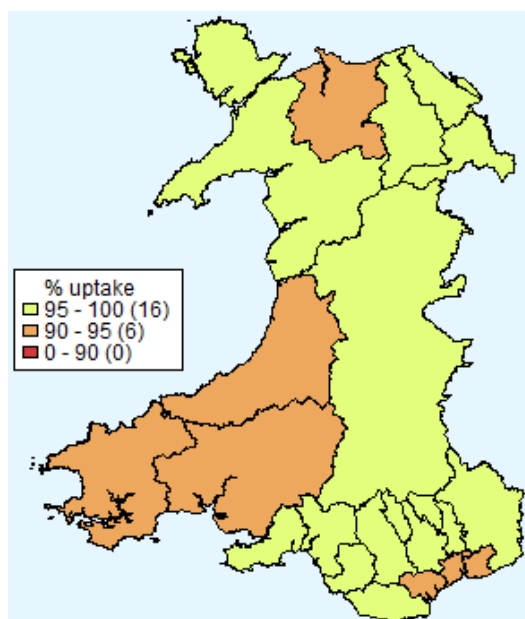


Figure 7. Uptake of at least one dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/07/20 and 30/09/20.

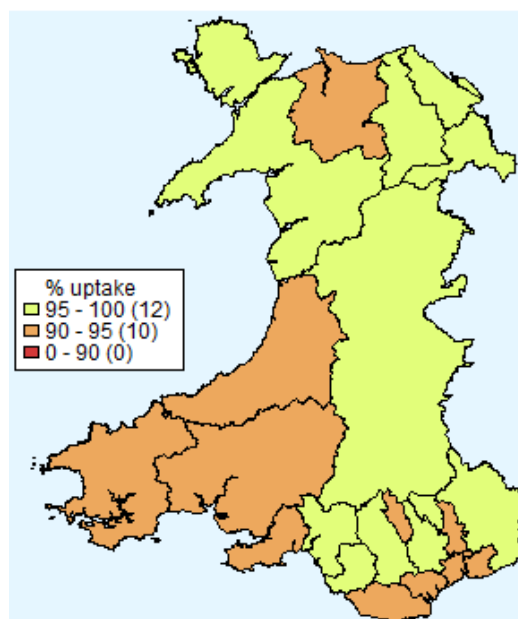


Figure 8. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/20 and 30/09/20.

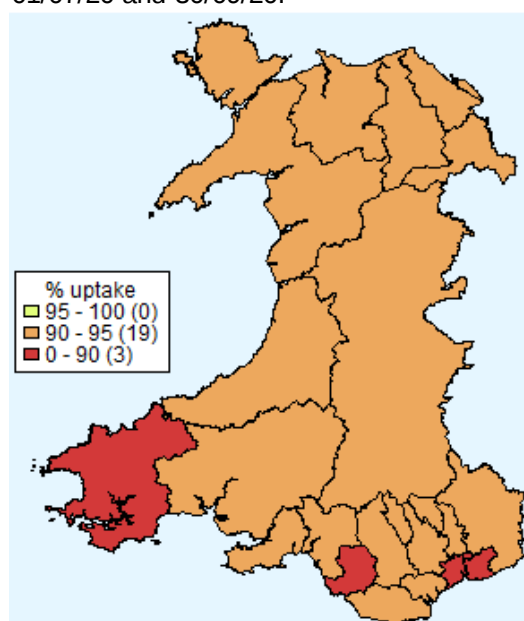


Figure 9. Uptake of “4 in 1” vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/20 and 30/09/20.

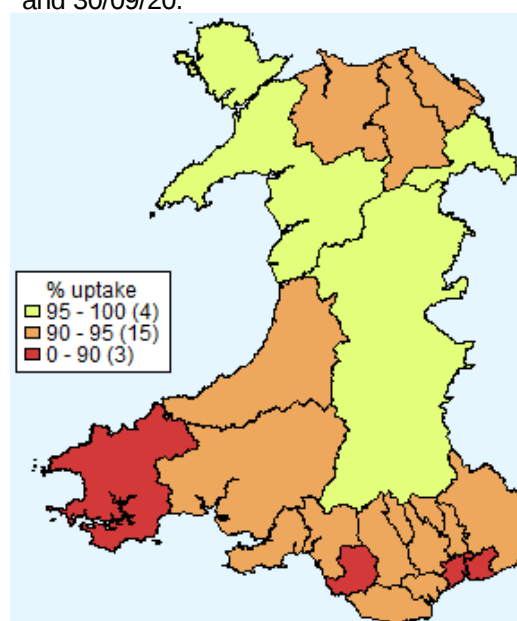


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/07/20 and 30/09/20 and resident on 30/09/20.

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	PCV2	Rotavirus	Resident children (n)	MMR1	PCVf 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	197	97.0	98.0	98.0	92.4	185	98.9	97.3	97.3	97.3	175	89.7	188	94.1	94.1	219	98.2	96.3	91.3	90.9
Caerphilly LA	468	95.7	96.2	96.2	94.7	484	96.1	96.1	96.1	95.9	534	85.6	568	94.0	94.7	558	98.0	95.5	84.6	84.9
Monmouthshire LA	172	98.8	98.3	98.8	98.3	203	97.5	98.5	98.0	98.0	207	92.3	251	92.8	94.8	290	94.5	92.4	81.4	81.7
Newport LA	506	92.7	93.5	93.7	90.5	499	94.2	94.0	94.4	93.2	516	80.8	582	88.0	88.8	495	93.5	90.7	79.8	79.6
Torfaen LA	249	95.2	96.0	96.0	92.4	283	94.0	93.6	94.0	92.6	275	89.5	271	92.6	94.1	277	97.1	94.2	88.8	89.2
Health Board Total	1592	95.2	95.7	95.9	93.1	1654	95.6	95.5	95.6	94.9	1707	86.0	1860	91.8	92.7	1839	96.1	93.6	84.2	84.3
Betsi Cadwaladr UHB																				
Anglesey LA	157	98.7	98.7	98.7	96.2	158	97.5	97.5	97.5	97.5	189	93.7	194	94.8	96.4	180	96.1	95.6	88.3	88.3
Conwy LA	272	91.9	92.6	93.8	91.5	250	92.0	92.8	92.0	92.0	292	86.3	282	91.5	92.2	302	93.4	91.4	91.4	91.4
Denbighshire LA	268	96.6	96.3	96.3	94.4	209	95.7	95.7	96.2	96.2	275	87.6	282	94.7	94.7	293	94.9	93.2	87.0	87.7
Flintshire LA	380	97.4	97.1	97.6	95.0	395	96.5	95.9	95.9	95.9	412	91.0	442	92.3	92.5	465	95.7	92.3	88.6	88.0
Gwynedd LA	240	98.8	97.5	98.3	94.2	293	96.2	96.6	96.2	96.9	280	88.9	316	94.0	95.3	305	97.4	93.8	89.2	88.5
Wrexham LA	366	96.4	96.7	96.7	91.5	361	97.0	97.0	97.2	96.7	392	91.3	374	93.9	95.2	418	95.0	93.1	86.4	86.1
Health Board Total	1683	96.5	96.4	96.8	93.6	1666	95.9	95.9	95.9	95.9	1840	89.8	1890	93.4	94.2	1963	95.4	93.0	88.4	88.2
Cardiff and Vale UHB																				
Cardiff LA	973	94.1	94.1	94.7	91.6	1061	91.7	91.6	90.7	90.7	1077	83.1	1186	90.9	92.4	967	92.5	86.3	75.4	76.2
Vale of Glamorgan LA	316	96.2	95.6	95.9	94.0	345	92.2	92.2	91.6	92.5	379	86.0	369	93.0	93.5	383	93.7	90.1	82.0	82.0
Health Board Total	1289	94.6	94.5	95.0	92.2	1406	91.8	91.7	90.9	91.1	1456	83.9	1555	91.4	92.7	1350	92.8	87.4	77.3	77.9
Cwm Taf Morgannwg UHB																				
Bridgend LA	322	96.9	97.8	97.8	97.5	397	95.7	96.0	95.5	95.5	419	89.5	438	89.3	89.5	397	96.0	89.7	85.6	85.6
Merthyr Tydfil LA	154	97.4	96.8	97.4	98.7	190	94.7	93.7	93.7	93.7	199	89.9	215	93.0	94.9	162	96.3	92.6	88.9	88.3
Rhondda Cynon Taf LA	613	98.2	98.5	98.5	96.7	686	97.1	96.8	96.9	96.9	720	90.4	721	94.0	94.9	741	96.1	93.1	92.3	91.6
Health Board Total	1089	97.7	98.1	98.2	97.2	1273	96.3	96.1	96.0	96.0	1338	90.1	1374	92.4	93.2	1300	96.1	92.0	89.8	89.4
Hywel Dda UHB																				
Carmarthenshire LA	438	94.5	94.3	94.5	94.3	472	94.5	93.4	93.0	93.4	510	88.6	513	91.2	92.4	562	96.3	93.1	89.7	89.7
Ceredigion LA	114	90.4	90.4	90.4	91.2	137	94.9	94.9	94.2	94.2	157	88.5	158	94.9	94.3	172	95.3	92.4	91.3	91.3
Pembrokeshire LA	295	93.6	93.6	93.6	92.5	273	94.5	94.1	93.8	93.8	325	82.5	343	86.0	86.6	344	94.5	90.7	82.0	82.6
Health Board Total	847	93.6	93.5	93.6	93.3	882	94.6	93.9	93.4	93.7	992	86.6	1014	90.0	90.7	1078	95.5	92.2	87.5	87.7
Powys Teaching UHB																				
Health Board Total	265	98.5	98.1	98.5	97.0	313	96.5	96.2	96.2	96.2	315	91.4	301	94.4	95.7	370	93.5	89.7	89.7	88.9
Swansea Bay UHB																				
Neath Port Talbot LA	312	97.1	97.1	96.8	95.5	344	96.5	96.5	96.5	96.8	390	85.9	390	92.8	93.6	408	95.6	93.6	93.1	92.4
Swansea LA	598	96.2	96.0	95.8	94.5	640	94.8	95.0	95.2	94.7	644	87.7	681	91.0	92.4	640	94.1	89.7	92.7	91.6
Health Board Total	910	96.5	96.4	96.2	94.8	984	95.4	95.5	95.6	95.4	1034	87.0	1071	91.7	92.8	1048	94.7	91.2	92.8	91.9
Unknown	6	100.0	100.0	100.0	100.0	3	66.7	66.7	66.7	66.7	7	85.7	4	100.0	100.0	28	96.4	92.9	92.9	92.9
Wales Total	7681	95.8	95.9	96.1	94.0	8181	95.0	94.9	94.7	94.6	8689	87.5	9069	92.0	93.0	8976	95.1	91.7	86.6	86.4

¹ Uptake of pertussis used as proxy.

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

³ Children receiving the final dose of PCV

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

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

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

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

Table 3. Vaccine uptake in children reaching their 1st birthday between 01/07/20 and 30/09/20 and resident on 30/09/20.

Area	Resident children	D3		T3		P3		Po3		Hib3		HepB		MMR1		Rotavirus		PCV2 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	197	191	97.0	191	97.0	191	97.0	191	97.0	191	97.0	191	97.0	0	0.0	182	92.4	193	98.0	193	98.0	0	0.0
Caerphilly LA	468	448	95.7	448	95.7	448	95.7	448	95.7	448	95.7	448	95.7	2	0.4	443	94.7	450	96.2	450	96.2	2	0.4
Monmouthshire LA	172	170	98.8	170	98.8	170	98.8	170	98.8	170	98.8	170	98.8	0	0.0	169	98.3	170	98.8	169	98.3	0	0.0
Newport LA	506	469	92.7	469	92.7	469	92.7	469	92.7	469	92.7	469	92.7	1	0.2	458	90.5	474	93.7	473	93.5	0	0.0
Torfaen LA	249	237	95.2	237	95.2	237	95.2	237	95.2	237	95.2	238	95.6	1	0.4	230	92.4	239	96.0	239	96.0	0	0.0
Health Board Total	1592	1515	95.2	1515	95.2	1515	95.2	1515	95.2	1515	95.2	1516	95.2	4	0.3	1482	93.1	1526	95.9	1524	95.7	2	0.1
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	157	155	98.7	155	98.7	155	98.7	155	98.7	155	98.7	155	98.7	1	0.6	151	96.2	155	98.7	155	98.7	1	0.6
Conwy LA	272	250	91.9	250	91.9	250	91.9	250	91.9	250	91.9	250	91.9	0	0.0	249	91.5	255	93.8	252	92.6	1	0.4
Denbighshire LA	268	259	96.6	259	96.6	259	96.6	259	96.6	259	96.6	259	96.6	1	0.4	253	94.4	258	96.3	258	96.3	1	0.4
Flintshire LA	380	370	97.4	370	97.4	370	97.4	370	97.4	370	97.4	368	96.8	3	0.8	361	95.0	371	97.6	369	97.1	3	0.8
Gwynedd LA	240	237	98.8	237	98.8	237	98.8	237	98.8	237	98.8	236	98.3	1	0.4	226	94.2	236	98.3	234	97.5	1	0.4
Wrexham LA	366	353	96.4	353	96.4	353	96.4	353	96.4	353	96.4	350	95.6	1	0.3	335	91.5	354	96.7	354	96.7	1	0.3
Health Board Total	1683	1624	96.5	1624	96.5	1624	96.5	1624	96.5	1624	96.5	1618	96.1	7	0.4	1575	93.6	1629	96.8	1622	96.4	8	0.5
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	973	916	94.1	916	94.1	916	94.1	916	94.1	916	94.1	917	94.2	4	0.4	891	91.6	921	94.7	916	94.1	2	0.2
Vale of Glamorgan LA	316	304	96.2	304	96.2	304	96.2	304	96.2	304	96.2	304	96.2	2	0.6	297	94.0	303	95.9	302	95.6	1	0.3
Health Board Total	1289	1220	94.6	1220	94.6	1220	94.6	1220	94.6	1220	94.6	1221	94.7	6	0.5	1188	92.2	1224	95.0	1218	94.5	3	0.2
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	322	312	96.9	312	96.9	312	96.9	312	96.9	312	96.9	312	96.9	0	0.0	314	97.5	315	97.8	315	97.8	1	0.3
Merthyr Tydfil LA	154	150	97.4	150	97.4	150	97.4	150	97.4	150	97.4	150	97.4	0	0.0	152	98.7	150	97.4	149	96.8	0	0.0
Rhondda Cynon Taf LA	613	602	98.2	602	98.2	602	98.2	602	98.2	602	98.2	602	98.2	2	0.3	593	96.7	604	98.5	604	98.5	2	0.3
Health Board Total	1089	1064	97.7	1064	97.7	1064	97.7	1064	97.7	1064	97.7	1064	97.7	2	0.2	1059	97.2	1069	98.2	1068	98.1	3	0.3
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	438	414	94.5	414	94.5	414	94.5	414	94.5	414	94.5	414	94.5	0	0.0	413	94.3	414	94.5	413	94.3	0	0.0
Ceredigion LA	114	103	90.4	103	90.4	103	90.4	103	90.4	103	90.4	103	90.4	0	0.0	104	91.2	103	90.4	103	90.4	0	0.0
Pembrokeshire LA	295	276	93.6	276	93.6	276	93.6	276	93.6	276	93.6	275	93.2	0	0.0	273	92.5	276	93.6	276	93.6	0	0.0
Health Board Total	847	793	93.6	793	93.6	793	93.6	793	93.6	793	93.6	792	93.5	0	0.0	790	93.3	793	93.6	792	93.5	0	0.0
<u>Powys Teaching HB</u>																							
Health Board Total	265	261	98.5	261	98.5	261	98.5	261	98.5	261	98.5	260	98.1	0	0.0	257	97.0	261	98.5	260	98.1	0	0.0
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	312	303	97.1	303	97.1	303	97.1	303	97.1	303	97.1	303	97.1	0	0.0	298	95.5	302	96.8	303	97.1	0	0.0
Swansea LA	598	575	96.2	575	96.2	575	96.2	574	96.0	575	96.2	574	96.0	1	0.2	565	94.5	573	95.8	574	96.0	1	0.2
Health Board Total	910	878	96.5	878	96.5	878	96.5	877	96.4	878	96.5	877	96.4	1	0.1	863	94.8	875	96.2	877	96.4	1	0.1
Unknown	6	6	100.0	6	100.0	6	100.0	6	100.0	6	100.0	6	100.0	0	0.0	6	100.0	6	100.0	6	100.0	0	0.0
Wales Total	7681	7361	95.8	7361	95.8	7361	95.8	7360	95.8	7361	95.8	7354	95.7	20	0.3	7220	94.0	7383	96.1	7367	95.9	17	0.2

¹ Full primary two dose course of pneumococcal conjugate vaccine.

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

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/07/20 and 30/09/20 and resident on 30/09/20.

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)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	185	182	98.4	182	98.4	182	98.4	182	98.4	182	98.4	182	98.4	183	98.9	181	97.8	180	97.3	180	97.3	180	97.3
Caerphilly LA	484	472	97.5	472	97.5	472	97.5	472	97.5	472	97.5	468	96.7	465	96.1	469	96.9	465	96.1	465	96.1	464	95.9
Monmouthshire LA	203	200	98.5	200	98.5	200	98.5	200	98.5	200	98.5	200	98.5	198	97.5	198	97.5	200	98.5	199	98.0	199	98.0
Newport LA	499	475	95.2	475	95.2	475	95.2	475	95.2	475	95.2	475	95.2	470	94.2	469	94.0	469	94.0	471	94.4	465	93.2
Torfaen LA	283	275	97.2	275	97.2	275	97.2	275	97.2	275	97.2	275	97.2	266	94.0	268	94.7	265	93.6	266	94.0	262	92.6
Health Board Total	1654	1604	97.0	1604	97.0	1604	97.0	1604	97.0	1604	97.0	1600	96.7	1582	95.6	1585	95.8	1579	95.5	1581	95.6	1570	94.9
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	158	157	99.4	157	99.4	157	99.4	157	99.4	157	99.4	156	98.7	154	97.5	156	98.7	154	97.5	154	97.5	154	97.5
Conwy LA	250	239	95.6	239	95.6	239	95.6	239	95.6	239	95.6	239	95.6	230	92.0	232	92.8	232	92.8	230	92.0	230	92.0
Denbighshire LA	209	201	96.2	201	96.2	201	96.2	201	96.2	201	96.2	199	95.2	200	95.7	196	93.8	200	95.7	201	96.2	201	96.2
Flintshire LA	395	381	96.5	381	96.5	381	96.5	381	96.5	381	96.5	381	96.5	381	96.5	381	96.5	379	95.9	379	95.9	379	95.9
Gwynedd LA	293	285	97.3	285	97.3	285	97.3	285	97.3	285	97.3	285	97.3	282	96.2	281	95.9	283	96.6	282	96.2	284	96.9
Wrexham LA	361	353	97.8	353	97.8	353	97.8	353	97.8	353	97.8	352	97.5	350	97.0	351	97.2	350	97.0	351	97.2	349	96.7
Health Board Total	1666	1616	97.0	1616	97.0	1616	97.0	1616	97.0	1616	97.0	1612	96.8	1597	95.9	1597	95.9	1598	95.9	1597	95.9	1597	95.9
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	1061	1009	95.1	1009	95.1	1009	95.1	1009	95.1	1007	94.9	1007	94.9	973	91.7	989	93.2	972	91.6	962	90.7	962	90.7
Vale of Glamorgan LA	345	328	95.1	328	95.1	328	95.1	328	95.1	328	95.1	328	95.1	318	92.2	323	93.6	318	92.2	316	91.6	319	92.5
Health Board Total	1406	1337	95.1	1337	95.1	1337	95.1	1337	95.1	1335	95.0	1335	95.0	1291	91.8	1312	93.3	1290	91.7	1278	90.9	1281	91.1
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	397	389	98.0	389	98.0	389	98.0	389	98.0	389	98.0	389	98.0	380	95.7	384	96.7	381	96.0	379	95.5	379	95.5
Merthyr Tydfil LA	190	183	96.3	183	96.3	183	96.3	183	96.3	183	96.3	183	96.3	180	94.7	183	96.3	178	93.7	178	93.7	178	93.7
Rhondda Cynon Taf LA	686	673	98.1	673	98.1	673	98.1	673	98.1	673	98.1	673	98.1	666	97.1	670	97.7	664	96.8	665	96.9	665	96.9
Health Board Total	1273	1245	97.8	1245	97.8	1245	97.8	1245	97.8	1245	97.8	1245	97.8	1226	96.3	1237	97.2	1223	96.1	1222	96.0	1222	96.0
<u>Hywel Dda University HB</u>																							
Carmarthenshire LA	472	453	96.0	453	96.0	453	96.0	453	96.0	453	96.0	450	95.3	446	94.5	447	94.7	441	93.4	439	93.0	441	93.4
Ceredigion LA	137	133	97.1	133	97.1	133	97.1	133	97.1	132	96.4	133	97.1	130	94.9	131	95.6	130	94.9	129	94.2	129	94.2
Pembrokeshire LA	273	259	94.9	259	94.9	259	94.9	259	94.9	259	94.9	259	94.9	258	94.5	254	93.0	257	94.1	256	93.8	256	93.8
Health Board Total	882	845	95.8	845	95.8	845	95.8	845	95.8	844	95.7	842	95.5	834	94.6	832	94.3	828	93.9	824	93.4	826	93.7
<u>Powys Teaching HB</u>																							
Health Board Total	313	306	97.8	306	97.8	306	97.8	306	97.8	306	97.8	303	96.8	302	96.5	304	97.1	301	96.2	301	96.2	301	96.2
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	344	336	97.7	336	97.7	336	97.7	336	97.7	336	97.7	336	97.7	332	96.5	333	96.8	332	96.5	332	96.5	333	96.8
Swansea LA	640	620	96.9	620	96.9	620	96.9	620	96.9	620	96.9	618	96.6	607	94.8	610	95.3	608	95.0	609	95.2	606	94.7
Health Board Total	984	956	97.2	956	97.2	956	97.2	956	97.2	956	97.2	954	97.0	939	95.4	943	95.8	940	95.5	941	95.6	939	95.4
Unknown	3	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7	2	66.7
Wales Total	8181	7911	96.7	7911	96.7	7911	96.7	7911	96.7	7908	96.7	7893	96.5	7773	95.0	7812	95.5	7761	94.9	7746	94.7	7738	94.6

¹ Full primary two dose course of pneumococcal conjugate vaccine.

² Final (booster) dose of pneumococcal conjugate vaccine.

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

Table 5. Vaccine uptake in children reaching their 4th birthday between 01/07/20 and 30/09/20 and resident on 30/09/20. 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	175	158	90.3	170	97.1	158	90.3	157	89.7
Caerphilly LA	534	465	87.1	513	96.1	466	87.3	457	85.6
Monmouthshire LA	207	192	92.8	196	94.7	192	92.8	191	92.3
Newport LA	516	438	84.9	467	90.5	434	84.1	417	80.8
Torfaen LA	275	253	92.0	257	93.5	251	91.3	246	89.5
Health Board Total	1707	1506	88.2	1603	93.9	1501	87.9	1468	86.0
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	189	179	94.7	186	98.4	178	94.2	177	93.7
Conwy LA	292	256	87.7	283	96.9	255	87.3	252	86.3
Denbighshire LA	275	241	87.6	257	93.5	241	87.6	241	87.6
Flintshire LA	412	376	91.3	400	97.1	376	91.3	375	91.0
Gwynedd LA	280	255	91.1	270	96.4	253	90.4	249	88.9
Wrexham LA	392	361	92.1	380	96.9	358	91.3	358	91.3
Health Board Total	1840	1668	90.7	1776	96.5	1661	90.3	1652	89.8
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1077	920	85.4	1005	93.3	913	84.8	895	83.1
Vale of Glamorgan LA	379	331	87.3	361	95.3	330	87.1	326	86.0
Health Board Total	1456	1251	85.9	1366	93.8	1243	85.4	1221	83.9
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	419	379	90.5	402	95.9	380	90.7	375	89.5
Merthyr Tydfil LA	199	181	91.0	189	95.0	181	91.0	179	89.9
Rhondda Cynon Taf LA	720	654	90.8	701	97.4	655	91.0	651	90.4
Health Board Total	1338	1214	90.7	1292	96.6	1216	90.9	1205	90.1
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	510	459	90.0	487	95.5	453	88.8	452	88.6
Ceredigion LA	157	142	90.4	148	94.3	142	90.4	139	88.5
Pembrokeshire LA	325	273	84.0	302	92.9	269	82.8	268	82.5
Health Board Total	992	874	88.1	937	94.5	864	87.1	859	86.6
<u>Powys Teaching HB</u>									
Health Board Total	315	292	92.7	302	95.9	290	92.1	288	91.4
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	390	337	86.4	373	95.6	336	86.2	335	85.9
Swansea LA	644	583	90.5	608	94.4	574	89.1	565	87.7
Health Board Total	1034	920	89.0	981	94.9	910	88.0	900	87.0
Unknown	7	6	85.7	6	85.7	6	85.7	6	85.7
Wales Total	8689	7731	89.0	8263	95.1	7691	88.5	7599	87.5

¹ Uptake of acellular pertussis used as proxy

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

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/07/20 and 30/09/20 and resident on 30/09/20. 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	188	177	94.1	184	97.9	177	94.1	175	93.1
Caerphilly LA	568	538	94.7	544	95.8	534	94.0	530	93.3
Monmouthshire LA	251	238	94.8	236	94.0	233	92.8	230	91.6
Newport LA	582	517	88.8	534	91.8	512	88.0	496	85.2
Torfaen LA	271	255	94.1	260	95.9	251	92.6	247	91.1
Health Board Total	1860	1725	92.7	1758	94.5	1707	91.8	1678	90.2
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	194	187	96.4	190	97.9	184	94.8	184	94.8
Conwy LA	282	260	92.2	265	94.0	258	91.5	255	90.4
Denbighshire LA	282	267	94.7	273	96.8	267	94.7	266	94.3
Flintshire LA	442	409	92.5	421	95.2	408	92.3	405	91.6
Gwynedd LA	316	301	95.3	303	95.9	297	94.0	295	93.4
Wrexham LA	374	356	95.2	356	95.2	351	93.9	348	93.0
Health Board Total	1890	1780	94.2	1808	95.7	1765	93.4	1753	92.8
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1186	1096	92.4	1116	94.1	1078	90.9	1057	89.1
Vale of Glamorgan LA	369	345	93.5	355	96.2	343	93.0	338	91.6
Health Board Total	1555	1441	92.7	1471	94.6	1421	91.4	1395	89.7
<u>Cwm Taf Morgannwg University HB</u>									
Bridgend LA	438	392	89.5	419	95.7	391	89.3	386	88.1
Merthyr Tydfil LA	215	204	94.9	205	95.3	200	93.0	198	92.1
Rhondda Cynon Taf LA	721	684	94.9	696	96.5	678	94.0	669	92.8
Health Board Total	1374	1280	93.2	1320	96.1	1269	92.4	1253	91.2
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	513	474	92.4	493	96.1	468	91.2	464	90.4
Ceredigion LA	158	149	94.3	150	94.9	150	94.9	148	93.7
Pembrokeshire LA	343	297	86.6	316	92.1	295	86.0	291	84.8
Health Board Total	1014	920	90.7	959	94.6	913	90.0	903	89.1
<u>Powys Teaching HB</u>									
Health Board Total	301	288	95.7	287	95.3	284	94.4	283	94.0
<u>Swansea Bay University HB</u>									
Neath Port Talbot LA	390	365	93.6	380	97.4	362	92.8	361	92.6
Swansea LA	681	629	92.4	650	95.4	620	91.0	614	90.2
Health Board Total	1071	994	92.8	1030	96.2	982	91.7	975	91.0
Unknown	4	4	100.0	4	100.0	4	100.0	4	100.0
Wales Total	9069	8432	93.0	8637	95.2	8345	92.0	8244	90.9

¹ Uptake of acellular pertussis used as proxy

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

Table 7. Vaccine uptake in children reaching their 5th birthday 01/07/20 and 30/09/20 and resident on 30/09/20.

Area	Resident children	D3	T3	P3	Po3	Hib3	MenC ¹	PCVf ²	HibMenC	MMR1	MMR2	D4	T4	aP	Po4														
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)														
Blaenau Gwent LA	188	188	100.0	188	100.0	188	100.0	188	100.0	188	100.0	185	98.4	185	98.4	184	97.9	185	98.4	177	94.1	177	94.1	177	94.1	177	94.1	177	94.1
Caerphilly LA	568	554	97.5	554	97.5	554	97.5	554	97.5	554	97.5	543	95.6	540	95.1	544	95.8	553	97.4	534	94.0	538	94.7	538	94.7	538	94.7	538	94.7
Monmouthshire LA	251	237	94.4	237	94.4	237	94.4	237	94.4	236	94.0	234	93.2	234	93.2	236	94.0	244	97.2	233	92.8	238	94.8	238	94.8	238	94.8	238	94.8
Newport LA	582	554	95.2	555	95.4	553	95.0	555	95.0	553	95.0	524	90.0	540	92.8	534	91.8	552	94.8	512	88.0	517	88.8	517	88.8	517	88.8	516	88.7
Torfaen LA	271	267	98.5	267	98.5	267	98.5	267	98.5	267	98.5	267	98.5	260	95.9	260	95.9	263	97.0	251	92.6	255	94.1	255	94.1	255	94.1	255	94.1
Health Board Total	1860	1800	96.8	1801	96.8	1799	96.7	1801	96.8	1798	96.7	1753	94.2	1759	94.6	1758	94.5	1797	96.6	1707	91.8	1725	92.7	1725	92.7	1725	92.7	1724	92.7
<u>Betsi Cadwaladr University HB</u>																													
Anglesey LA	194	192	99.0	192	99.0	192	99.0	192	99.0	192	99.0	183	94.3	185	95.4	190	97.9	189	97.4	184	94.8	187	96.4	187	96.4	187	96.4	187	96.4
Conwy LA	282	272	96.5	272	96.5	272	96.5	272	96.5	272	96.5	262	92.9	269	95.4	265	94.0	272	96.5	258	91.5	260	92.2	260	92.2	260	92.2	260	92.2
Denbighshire LA	282	275	97.5	275	97.5	275	97.5	275	97.5	275	97.5	265	94.0	266	94.3	273	96.8	272	96.5	267	94.7	267	94.7	267	94.7	267	94.7	267	94.7
Flintshire LA	442	428	96.8	428	96.8	428	96.8	428	96.8	427	96.6	401	90.7	421	95.2	421	95.2	425	96.2	408	92.3	409	92.5	409	92.5	409	92.5	409	92.5
Gwynedd LA	316	306	96.8	306	96.8	306	96.8	306	96.8	306	96.8	305	96.5	284	89.9	303	95.9	303	95.9	304	96.2	297	94.0	301	95.3	301	95.3	301	95.3
Wrexham LA	374	362	96.8	362	96.8	362	96.8	362	96.8	362	96.8	344	92.0	355	94.9	356	95.2	362	96.8	351	93.9	356	95.2	356	95.2	356	95.2	356	95.2
Health Board Total	1890	1835	97.1	1835	97.1	1835	97.1	1835	97.1	1833	97.0	1739	92.0	1799	95.2	1808	95.7	1824	96.5	1765	93.4	1780	94.2	1780	94.2	1780	94.2	1780	94.2
<u>Cardiff and Vale University HB</u>																													
Cardiff LA	1186	1132	95.4	1132	95.4	1132	95.4	1131	95.4	1131	95.4	1066	89.9	1085	91.5	1116	94.1	1146	96.6	1078	90.9	1096	92.4	1096	92.4	1096	92.4	1096	92.4
Vale of Glamorgan LA	369	357	96.7	357	96.7	357	96.7	357	96.7	357	96.7	346	93.8	341	92.4	355	96.2	361	97.8	343	93.0	345	93.5	345	93.5	345	93.5	345	93.5
Health Board Total	1555	1489	95.8	1489	95.8	1489	95.8	1488	95.7	1488	95.7	1412	90.8	1426	91.7	1471	94.6	1507	96.9	1421	91.4	1441	92.7	1441	92.7	1441	92.7	1441	92.7
<u>Cwm Taf Morgannwg University HB</u>																													
Bridgend LA	438	427	97.5	427	97.5	427	97.5	427	97.5	427	97.5	414	94.5	417	95.2	419	95.7	422	96.3	391	89.3	392	89.5	392	89.5	392	89.5	392	89.5
Merthyr Tydfil LA	215	210	97.7	210	97.7	210	97.7	210	97.7	210	97.7	207	96.3	205	95.3	205	95.3	209	97.2	200	93.0	204	94.9	204	94.9	204	94.9	204	94.9
Rhondda Cynon Taf LA	721	712	98.8	712	98.8	712	98.8	712	98.8	712	98.8	709	98.3	699	96.9	696	96.5	702	97.4	678	94.0	684	94.9	684	94.9	684	94.9	684	94.9
Health Board Total	1374	1349	98.2	1349	98.2	1349	98.2	1349	98.2	1349	98.2	1330	96.8	1321	96.1	1320	96.1	1333	97.0	1269	92.4	1280	93.2	1280	93.2	1280	93.2	1280	93.2
<u>Hywel Dda University HB</u>																													
Cardiganshire LA	513	500	97.5	500	97.5	500	97.5	500	97.5	500	97.5	483	94.2	485	94.5	493	96.1	497	96.9	468	91.2	474	92.4	474	92.4	474	92.4	474	92.4
Ceredigion LA	158	152	96.2	152	96.2	152	96.2	152	96.2	152	96.2	146	92.4	147	93	150	94.9	152	96.2	150	94.9	149	94.3	149	94.3	149	94.3	149	94.3
Pembrokeshire LA	343	318	92.7	318	92.7	318	92.7	318	92.7	319	93.0	306	89.2	312	91	316	92.1	321	93.6	295	86.0	297	86.6	297	86.6	297	86.6	297	86.6
Health Board Total	1014	970	95.7	970	95.7	970	95.7	970	95.7	971	95.8	935	92.2	944	93.1	959	94.6	970	95.7	913	90.0	920	90.7	920	90.7	920	90.7	920	90.7
<u>Powys Teaching HB</u>																													
Health Board Total	301	292	97.0	292	97.0	292	97.0	292	97.0	292	97.0	284	94.4	284	94.4	287	95.3	289	96.0	284	94.4	288	95.7	288	95.7	288	95.7	288	95.7
<u>Swansea Bay University HB</u>																													
Neath Port Talbot LA	390	386	99.0	386	99.0	386	99.0	386	99.0	386	99.0	377	96.7	380	97.4	380	97.4	381	97.7	362	92.8	365	93.6	365	93.6	365	93.6	365	93.6
Swansea LA	681	660	96.9	660	96.9	660	96.9	660	96.9	658	96.6	624	91.6	643	94.4	650	95.4	655	96.2	620	91.0	629	92.4	629	92.4	629	92.4	629	92.4
Health Board Total	1071	1046	97.7	1046	97.7	1046	97.7	1046	97.7	1044	97.5	1001	93.5	1023	95.5	1030	96.2	1036	96.7	982	91.7	994	92.8	994	92.8	994	92.8	994	92.8
Unknown	4	4	100.0	4	100.0	4	100.0	4	100.0	4	100.0	4	100.0	4	100	4	100.0	4	100.0	4	100.0	4	100.0	4	100.0	4	100.0	4	100.0
Wales Total	9069	8785	96.9	8786	96.9	8784	96.9	8785	96.9	8779	96.8	8458	93.3	8560	94.4	8637	95.2	8760	96.6	8345	92.0	8432	93.0	8432	93.0	8432	93.0	8431	93.0

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

² Final (booster) dose of pneumococcal conjugate vaccine

Table 8. Uptake of HPV vaccine in children reaching 13 years of age between 01/09/19 and 31/08/20 (School Year 8) and resident on 30/09/20, 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	721	208 28.8	388	115 29.6	333	93 27.9
Caerphilly LA	2090	394 18.9	1046	221 21.1	1044	173 16.6
Monmouthshire LA	1051	18 1.7	518	8 1.5	533	10 1.9
Newport LA	2028	307 15.1	981	164 16.7	1046	143 13.7
Torfaen LA	1124	22 2.0	541	11 2.0	583	11 1.9
Health Board Total	7014	949 13.5	3474	519 14.9	3539	430 12.2
<u>Betsi Cadwaladr University HB</u>						
Anglesey LA	778	485 62.3	372	255 68.5	406	230 56.7
Conwy LA	1202	439 36.5	594	282 47.5	608	157 25.8
Denbighshire LA	1101	501 45.5	531	279 52.5	569	222 39.0
Flintshire LA	1801	1373 76.2	890	706 79.3	911	667 73.2
Gwynedd LA	1327	1069 80.6	650	541 83.2	677	528 78.0
Wrexham LA	1563	1049 67.1	741	549 74.1	822	500 60.8
Health Board Total	7772	4916 63.3	3778	2612 69.1	3993	2304 57.7
<u>Cardiff and Vale University HB</u>						
Cardiff LA	4291	2679 62.4	2108	1381 65.5	2182	1297 59.4
Vale of Glamorgan LA	1612	1271 78.8	774	637 82.3	838	634 75.7
Health Board Total	5903	3950 66.9	2882	2018 70.0	3020	1931 63.9
<u>Cwm Taf Morgannwg University HB</u>						
Bridgend LA	1743	1091 62.6	847	557 65.8	896	534 59.6
Merthyr Tydfil LA	705	378 53.6	322	176 54.7	383	202 52.7
Rhondda Cynon Taf LA	2854	1798 63.0	1352	888 65.7	1501	910 60.6
Health Board Total	5302	3267 61.6	2521	1621 64.3	2780	1646 59.2
<u>Hywel Dda University HB</u>						
Cardiganshire LA	2137	1833 85.8	1055	937 88.8	1080	895 82.9
Ceredigion LA	700	590 84.3	348	304 87.4	352	286 81.3
Pembrokeshire LA	1341	704 52.5	657	380 57.8	684	324 47.4
Health Board Total	4178	3127 74.8	2060	1621 78.7	2116	1505 71.1
<u>Powys Teaching HB</u>						
Health Board Total	1325	61 4.6	646	32 5.0	679	29 4.3
<u>Swansea Bay University HB</u>						
Neath Port Talbot LA	1625	1468 90.3	793	725 91.4	832	743 89.3
Swansea LA	2707	2446 90.4	1316	1235 93.8	1391	1211 87.1
Health Board Total	4332	3914 90.4	2109	1960 92.9	2223	1954 87.9
Unknown	73	35 47.9	36	20 55.6	37	15 40.5
Wales Total	35899	20219 56.3	17506	10403 59.4	18387	9814 53.4

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

Table 9. Uptake of HPV vaccine in girls reaching 13, 14 and 15 years of age between 01/09/19 and 31/08/20 and resident on 30/09/20.

Area	13 years (2019-20 School Year 8) ¹			14 years (2019-20 School Year 9) ¹					15 years (2019-20 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	388	115	29.6	412	358	86.9	245	59.5	344	314	91.3	294	85.5
Caerphilly LA	1046	221	21.1	1027	915	89.1	388	37.8	1011	930	92.0	879	86.9
Monmouthshire LA	518	8	1.5	516	419	81.2	117	22.7	527	419	79.5	387	73.4
Newport LA	981	164	16.7	955	782	81.9	255	26.7	954	794	83.2	754	79.0
Torfaen LA	541	11	2.0	551	484	87.8	266	48.3	548	479	87.4	454	82.8
Health Board Total	3474	519	14.9	3461	2958	85.5	1271	36.7	3384	2936	86.8	2768	81.8
<u>Betsi Cadwaladr University HB</u>													
Anglesey LA	372	255	68.5	338	292	86.4	211	62.4	346	299	86.4	283	81.8
Conwy LA	594	282	47.5	592	525	88.7	313	52.9	537	492	91.6	462	86.0
Denbighshire LA	531	279	52.5	545	457	83.9	253	46.4	537	475	88.5	434	80.8
Flintshire LA	890	706	79.3	826	709	85.8	602	72.9	809	734	90.7	654	80.8
Gwynedd LA	650	541	83.2	677	620	91.6	570	84.2	632	568	89.9	551	87.2
Wrexham LA	741	549	74.1	772	664	86.0	554	71.8	736	668	90.8	616	83.7
Health Board Total	3778	2612	69.1	3750	3267	87.1	2503	66.7	3597	3236	90.0	3000	83.4
<u>Cardiff and Vale University HB</u>													
Cardiff LA	2108	1381	65.5	1992	1719	86.3	1390	69.8	1987	1752	88.2	1640	82.5
Vale of Glamorgan LA	774	637	82.3	743	691	93.0	574	77.3	758	686	90.5	663	87.5
Health Board Total	2882	2018	70.0	2735	2410	88.1	1964	71.8	2745	2438	88.8	2303	83.9
<u>Cwm Taf Morgannwg University HB</u>													
Bridgend LA	847	557	65.8	793	716	90.3	11	1.4	791	725	91.7	664	83.9
Merthyr Tydfil LA	322	176	54.7	324	290	89.5	10	3.1	356	330	92.7	305	85.7
Rhondda Cynon Taf LA	1352	888	65.7	1407	1312	93.2	38	2.7	1400	1309	93.5	1235	88.2
Health Board Total	2521	1621	64.3	2524	2318	91.8	59	2.3	2547	2364	92.8	2204	86.5
<u>Hywel Dda University HB</u>													
Carmarthenshire LA	1055	937	88.8	1002	899	89.7	826	82.4	989	900	91.0	868	87.8
Ceredigion LA	348	304	87.4	301	267	88.7	246	81.7	295	255	86.4	250	84.7
Pembrokeshire LA	657	380	57.8	617	544	88.2	283	45.9	615	545	88.6	504	82.0
Health Board Total	2060	1621	78.7	1920	1710	89.1	1355	70.6	1899	1700	89.5	1622	85.4
<u>Powys Teaching HB</u>													
Health Board Total	646	32	5.0	667	583	87.4	32	4.8	670	573	85.5	528	78.8
<u>Swansea Bay University HB</u>													
Neath Port Talbot LA	793	725	91.4	807	776	96.2	709	87.9	822	777	94.5	751	91.4
Swansea LA	1316	1235	93.8	1230	1154	93.8	1099	89.3	1175	1079	91.8	1046	89.0
Health Board Total	2109	1960	92.9	2037	1930	94.7	1808	88.8	1997	1856	92.9	1797	90.0
Unknown	36	20	55.6	31	26	83.9	19	61.3	44	38	86.4	37	84.1
Wales Total	17506	10403	59.4	17125	15202	88.8	9011	52.6	16883	15141	89.7	14259	84.5

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 01/09/19 and 31/08/20 and resident on 30/09/20.

Area	14 years (2019-20 School Year 9) ¹			15 years (2019-20 School Year 10)			16 years (2019-20 School Year 11) ¹			17 years (2019-20 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	778	648	83.3	687	604	87.9	761	676	88.8	698	598	85.7
Caerphilly LA	2130	1717	80.6	2071	1800	86.9	2154	1815	84.3	2075	1759	84.8
Monmouthshire LA	1071	807	75.4	1098	884	80.5	1152	911	79.1	1104	892	80.8
Newport LA	1919	1467	76.4	1913	1586	82.9	1913	1512	79.0	1885	1492	79.2
Torfaen LA	1135	847	74.6	1124	968	86.1	1014	903	89.1	979	830	84.8
Health Board Total	7033	5486	78.0	6893	5842	84.8	6994	5817	83.2	6741	5571	82.6
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	716	447	62.4	710	569	80.1	731	647	88.5	711	606	85.2
Conwy LA	1229	965	78.5	1174	1037	88.3	1162	1049	90.3	1163	1062	91.3
Denbighshire LA	1093	791	72.4	1114	922	82.8	1098	967	88.1	1054	893	84.7
Flintshire LA	1692	710	42.0	1644	1368	83.2	1654	1461	88.3	1498	1301	86.8
Gwynedd LA	1351	966	71.5	1256	1096	87.3	1168	1052	90.1	1168	1038	88.9
Wrexham LA	1568	914	58.3	1501	1252	83.4	1442	1279	88.7	1419	1218	85.8
Health Board Total	7649	4793	62.7	7399	6244	84.4	7255	6455	89.0	7013	6118	87.2
<u>Cardiff and Vale University HB</u>												
Cardiff LA	4131	3132	75.8	4003	3087	77.1	3774	2933	77.7	3807	2959	77.7
Vale of Glamorgan LA	1506	1256	83.4	1509	1243	82.4	1456	1212	83.2	1503	1241	82.6
Health Board Total	5637	4388	77.8	5512	4330	78.6	5230	4145	79.3	5310	4200	79.1
<u>Cwm Taf Morgannwg University HB</u>												
Bridgend LA	1632	1429	87.6	1691	1549	91.6	1599	1355	84.7	1574	1406	89.3
Merthyr Tydfil LA	703	620	88.2	713	641	89.9	671	594	88.5	673	608	90.3
Rhondda Cynon Taf LA	2871	2552	88.9	2880	2645	91.8	2671	2469	92.4	2821	2549	90.4
Health Board Total	5206	4601	88.4	5284	4835	91.5	4941	4418	89.4	5068	4563	90.0
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	2113	1387	65.6	2024	1787	88.3	2011	1778	88.4	2060	1810	87.9
Ceredigion LA	606	469	77.4	658	582	88.4	679	597	87.9	620	535	86.3
Pembrokeshire LA	1366	796	58.3	1248	1047	83.9	1264	1054	83.4	1217	983	80.8
Health Board Total	4085	2652	64.9	3930	3416	86.9	3954	3429	86.7	3897	3328	85.4
<u>Powys Teaching HB</u>												
Health Board Total	1332	1104	82.9	1387	1233	88.9	1338	1203	89.9	1336	1131	84.7
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	1627	1340	82.4	1655	1532	92.6	1500	1370	91.3	1432	1275	89.0
Swansea LA	2615	2009	76.8	2540	2340	92.1	2579	2359	91.5	2599	2294	88.3
Health Board Total	4242	3349	78.9	4195	3872	92.3	4079	3729	91.4	4031	3569	88.5
Unknown	75	59	78.7	91	74	81.3	105	88	83.8	88	73	83.0
Wales Total	35259	26432	75.0	34691	29846	86.0	33896	29284	86.4	33484	28553	85.3

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

Table 11. MMR, Td/IPV and MenACWY vaccine uptake in children in 2019-20 school year 9 reaching their 14th birthday between 01/09/19 and 31/08/20 and resident on 30/09/20, with breakdown of MMR1 and MMR2 coverage by sex.

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ^{1,2}		MenACWY ²		Resident girls		MMR1 (girls)		MMR2 (girls)		Resident boys		MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(%)	(n)	(%)	(n)	(n)	(%)	(%)	(n)	(%)
<u>Aneurin Bevan University HB</u>																						
Blaenau Gwent LA	778	758	97.4	740	95.1	646	83.0	648	83.3	412	406	98.5	397	96.4	366	352	96.2	343	93.7			
Caerphilly LA	2130	2087	98.0	2027	95.2	1716	80.6	1717	80.6	1027	1015	98.8	985	95.9	1103	1072	97.2	1042	94.5			
Monmouthshire LA	1071	1000	93.4	969	90.5	804	75.1	807	75.4	516	488	94.6	475	92.1	555	512	92.3	494	89.0			
Newport LA	1919	1828	95.3	1742	90.8	1461	76.1	1467	76.4	955	916	95.9	879	92.0	963	912	94.7	863	89.6			
Torfaen LA	1135	1100	96.9	1052	92.7	846	74.5	847	74.6	551	532	96.6	513	93.1	584	568	97.3	539	92.3			
Health Board Total	7033	6773	96.3	6530	92.8	5473	77.8	5486	78.0	3461	3357	97.0	3249	93.9	3571	3416	95.7	3281	91.9			
<u>Betsi Cadwaladr University HB</u>																						
Anglesey LA	716	685	95.7	664	92.7	462	64.5	447	62.4	338	323	95.6	313	92.6	378	362	95.8	351	92.9			
Conwy LA	1229	1159	94.3	1136	92.4	962	78.3	965	78.5	592	550	92.9	536	90.5	636	608	95.6	599	94.2			
Denbighshire LA	1093	1051	96.2	1015	92.9	786	71.9	791	72.4	545	526	96.5	502	92.1	548	525	95.8	513	93.6			
Flintshire LA	1692	1603	94.7	1546	91.4	712	42.1	710	42.0	826	776	93.9	749	90.7	866	827	95.5	797	92.0			
Gwynedd LA	1351	1292	95.6	1252	92.7	978	72.4	966	71.5	677	653	96.5	628	92.8	674	639	94.8	624	92.6			
Wrexham LA	1568	1515	96.6	1477	94.2	908	57.9	914	58.3	772	749	97.0	735	95.2	796	766	96.2	742	93.2			
Health Board Total	7649	7305	95.5	7090	92.7	4808	62.9	4793	62.7	3750	3577	95.4	3463	92.3	3898	3727	95.6	3626	93.0			
<u>Cardiff and Vale University HB</u>																						
Cardiff LA	4131	3887	94.1	3656	88.5	3131	75.8	3132	75.8	1992	1873	94.0	1755	88.1	2139	2014	94.2	1901	88.9			
Vale of Glamorgan LA	1506	1446	96.0	1386	92.0	1257	83.5	1256	83.4	743	716	96.4	689	92.7	763	730	95.7	697	91.3			
Health Board Total	5637	5333	94.6	5042	89.4	4388	77.8	4388	77.8	2735	2589	94.7	2444	89.4	2902	2744	94.6	2598	89.5			
<u>Cwm Taf Morgannwg University HB</u>																						
Bridgend LA	1632	1552	95.1	1482	90.8	1427	87.4	1429	87.6	793	756	95.3	727	91.7	838	795	94.9	754	90.0			
Merthyr Tydfil LA	703	669	95.2	646	91.9	620	88.2	620	88.2	324	306	94.4	292	90.1	379	363	95.8	354	93.4			
Rhondda Cynon Taf LA	2871	2761	96.2	2670	93.0	2547	88.7	2552	88.9	1407	1358	96.5	1321	93.9	1464	1403	95.8	1349	92.1			
Health Board Total	5206	4982	95.7	4798	92.2	4594	88.2	4601	88.4	2524	2420	95.9	2340	92.7	2681	2561	95.5	2457	91.6			
<u>Hywel Dda University HB</u>																						
Carmarthenshire LA	2113	1982	93.8	1931	91.4	1380	65.3	1387	65.6	1002	951	94.9	925	92.3	1111	1031	92.8	1006	90.5			
Ceredigion LA	606	577	95.2	561	92.6	470	77.6	469	77.4	301	287	95.3	280	93.0	305	290	95.1	281	92.1			
Pembrokeshire LA	1366	1282	93.9	1223	89.5	800	58.6	796	58.3	617	585	94.8	562	91.1	749	697	93.1	661	88.3			
Health Board Total	4085	3841	94.0	3715	90.9	2650	64.9	2652	64.9	1920	1823	94.9	1767	92.0	2165	2018	93.2	1948	90.0			
<u>Powys Teaching HB</u>																						
Health Board Total	1332	1247	93.6	1187	89.1	1097	82.4	1104	82.9	667	627	94.0	595	89.2	665	620	93.2	592	89.0			
<u>Swansea Bay University HB</u>																						
Neath Port Talbot LA	1627	1571	96.6	1522	93.5	1335	82.1	1340	82.4	807	787	97.5	763	94.5	820	784	95.6	759	92.6			
Swansea LA	2615	2496	95.4	2391	91.4	1999	76.4	2009	76.8	1230	1166	94.8	1125	91.5	1385	1330	96.0	1266	91.4			
Health Board Total	4242	4067	95.9	3913	92.2	3334	78.6	3349	78.9	2037	1953	95.9	1888	92.7	2205	2114	95.9	2025	91.8			
Unknown	75	70	93.3	69	92.0	60	80.0	59	78.7	31	30	96.8	30	96.8	44	40	90.9	39	88.6			
Wales Total	35259	33618	95.3	32344	91.7	26404	74.9	26432	75.0	17125	16376	95.6	15776	92.1	18131	17240	95.1	16566	91.4			

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 2019-20 school year 10 reaching their 15th birthday between 01/09/19 and 31/08/20 and resident on 30/09/20, 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	687	669	97.4	653	95.1	606	88.2	604	87.9		344	335	97.4	327	95.1	343	334	97.4	326	95.0			
Caerphilly LA	2071	2020	97.5	1969	95.1	1795	86.7	1800	86.9		1011	992	98.1	969	95.8	1060	1028	97.0	1000	94.3			
Monmouthshire LA	1098	1038	94.5	1008	91.8	876	79.8	884	80.5		527	499	94.7	484	91.8	571	539	94.4	524	91.8			
Newport LA	1913	1827	95.5	1758	91.9	1577	82.4	1586	82.9		954	913	95.7	883	92.6	956	912	95.4	875	91.5			
Torfaen LA	1124	1095	97.4	1069	95.1	982	87.4	968	86.1		548	533	97.3	525	95.8	576	562	97.6	544	94.4			
Health Board Total	6893	6649	96.5	6457	93.7	5836	84.7	5842	84.8		3384	3272	96.7	3188	94.2	3506	3375	96.3	3269	93.2			
<u>Betsi Cadwaladr University HB</u>																							
Anglesey LA	710	667	93.9	648	91.3	573	80.7	569	80.1		346	326	94.2	316	91.3	364	341	93.7	332	91.2			
Conwy LA	1174	1116	95.1	1083	92.2	1029	87.6	1037	88.3		537	514	95.7	501	93.3	637	602	94.5	582	91.4			
Denbighshire LA	1114	1042	93.5	1002	89.9	914	82.0	922	82.8		537	503	93.7	483	89.9	577	539	93.4	519	89.9			
Flintshire LA	1644	1563	95.1	1511	91.9	1367	83.2	1368	83.2		809	771	95.3	746	92.2	835	792	94.9	765	91.6			
Gwynedd LA	1256	1216	96.8	1186	94.4	1098	87.4	1096	87.3		632	617	97.6	599	94.8	624	599	96.0	587	94.1			
Wrexham LA	1501	1455	96.9	1412	94.1	1246	83.0	1252	83.4		736	713	96.9	686	93.2	765	742	97.0	726	94.9			
Health Board Total	7399	7059	95.4	6842	92.5	6227	84.2	6244	84.4		3597	3444	95.7	3331	92.6	3802	3615	95.1	3511	92.3			
<u>Cardiff and Vale University HB</u>																							
Cardiff LA	4003	3762	94.0	3556	88.8	3095	77.3	3087	77.1		1987	1882	94.7	1787	89.9	2015	1880	93.3	1769	87.8			
Vale of Glamorgan LA	1509	1445	95.8	1379	91.4	1246	82.6	1243	82.4		758	723	95.4	689	90.9	750	722	96.3	690	92.0			
Health Board Total	5512	5207	94.5	4935	89.5	4341	78.8	4330	78.6		2745	2605	94.9	2476	90.2	2765	2602	94.1	2459	88.9			
<u>Cwm Taf Morgannwg University HB</u>																							
Bridgend LA	1691	1619	95.7	1550	91.7	1544	91.3	1549	91.6		791	762	96.3	735	92.9	900	857	95.2	815	90.6			
Merthyr Tydfil LA	713	682	95.7	652	91.4	638	89.5	641	89.9		356	339	95.2	324	91.0	357	343	96.1	328	91.9			
Rhondda Cynon Taf LA	2880	2765	96.0	2655	92.2	2651	92.0	2645	91.8		1400	1348	96.3	1301	92.9	1479	1417	95.8	1354	91.5			
Health Board Total	5284	5066	95.9	4857	91.9	4833	91.5	4835	91.5		2547	2449	96.2	2360	92.7	2736	2617	95.7	2497	91.3			
<u>Hywel Dda University HB</u>																							
Cardemarthenshire LA	2024	1926	95.2	1879	92.8	1790	88.4	1787	88.3		989	947	95.8	919	92.9	1035	979	94.6	960	92.8			
Ceredigion LA	658	627	95.3	602	91.5	584	88.8	582	88.4		295	278	94.2	265	89.8	363	349	96.1	337	92.8			
Pembrokeshire LA	1248	1197	95.9	1135	90.9	1056	84.6	1047	83.9		615	592	96.3	557	90.6	633	605	95.6	578	91.3			
Health Board Total	3930	3750	95.4	3616	92.0	3430	87.3	3416	86.9		1899	1817	95.7	1741	91.7	2031	1933	95.2	1875	92.3			
<u>Powys Teaching HB</u>																							
Health Board Total	1387	1302	93.9	1243	89.6	1225	88.3	1233	88.9		670	633	94.5	612	91.3	717	669	93.3	631	88.0			
<u>Swansea Bay University HB</u>																							
Neath Port Talbot LA	1655	1583	95.6	1504	90.9	1525	92.1	1532	92.6		822	785	95.5	753	91.6	833	798	95.8	751	90.2			
Swansea LA	2540	2387	94.0	2283	89.9	2329	91.7	2340	92.1		1175	1107	94.2	1056	89.9	1365	1280	93.8	1227	89.9			
Health Board Total	4195	3970	94.6	3787	90.3	3854	91.9	3872	92.3		1997	1892	94.7	1809	90.6	2198	2078	94.5	1978	90.0			
Unknown	91	84	92.3	82	90.1	76	83.5	74	81.3		44	40	90.9	39	88.6	47	44	93.6	43	91.5			
Wales Total	34691	33087	95.4	31819	91.7	29822	86.0	29846	86.0		16883	16152	95.7	15556	92.1	17802	16933	95.1	16263	91.4			

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 2019-20 school year 11 reaching their 16th birthday between 01/09/19 and 31/08/20 and resident on 30/09/20, 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)	
<u>Aneurin Bevan University HB</u>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	761	746	98.0	729	95.8	677	89.0	676	88.8	379	371	97.9	362	95.5	382	375	98.2	367	96.1	
Caerphilly LA	2154	2095	97.3	2045	94.9	1812	84.1	1815	84.3	1019	986	96.8	970	95.2	1134	1108	97.7	1074	94.7	
Monmouthshire LA	1152	1082	93.9	1049	91.1	906	78.6	911	79.1	552	518	93.8	504	91.3	600	564	94.0	545	90.8	
Newport LA	1913	1799	94.0	1744	91.2	1521	79.5	1512	79.0	904	859	95.0	839	92.8	1009	940	93.2	905	89.7	
Torfaen LA	1014	990	97.6	962	94.9	905	89.3	903	89.1	491	480	97.8	464	94.5	523	510	97.5	498	95.2	
Health Board Total	6994	6712	96.0	6529	93.4	5821	83.2	5817	83.2	3345	3214	96.1	3139	93.8	3648	3497	95.9	3389	92.9	
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	731	705	96.4	691	94.5	646	88.4	647	88.5	346	333	96.2	329	95.1	385	372	96.6	362	94.0	
Conwy LA	1162	1115	96.0	1074	92.4	1047	90.1	1049	90.3	572	546	95.5	522	91.3	590	569	96.4	552	93.6	
Denbighshire LA	1098	1041	94.8	1004	91.4	960	87.4	967	88.1	517	491	95.0	471	91.1	581	550	94.7	533	91.7	
Flintshire LA	1654	1594	96.4	1544	93.3	1457	88.1	1461	88.3	791	773	97.7	748	94.6	863	821	95.1	796	92.2	
Gwynedd LA	1168	1130	96.7	1107	94.8	1051	90.0	1052	90.1	530	518	97.7	507	95.7	638	612	95.9	600	94.0	
Wrexham LA	1442	1385	96.0	1353	93.8	1272	88.2	1279	88.7	692	671	97.0	654	94.5	750	714	95.2	699	93.2	
Health Board Total	7255	6970	96.1	6773	93.4	6433	88.7	6455	89.0	3448	3332	96.6	3231	93.7	3807	3638	95.6	3542	93.0	
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	3774	3517	93.2	3315	87.8	2942	78.0	2933	77.7	1870	1748	93.5	1646	88.0	1904	1769	92.9	1669	87.7	
Vale of Glamorgan LA	1456	1376	94.5	1311	90.0	1214	83.4	1212	83.2	753	709	94.2	676	89.8	703	667	94.9	635	90.3	
Health Board Total	5230	4893	93.6	4626	88.5	4156	79.5	4145	79.3	2623	2457	93.7	2322	88.5	2607	2436	93.4	2304	88.4	
<u>Cwm Taf Morgannwg University HB</u>																				
Bridgend LA	1599	1524	95.3	1436	89.8	1345	84.1	1355	84.7	809	783	96.8	744	92.0	790	741	93.8	692	87.6	
Merthyr Tydfil LA	671	632	94.2	605	90.2	590	87.9	594	88.5	320	296	92.5	282	88.1	350	336	96.0	323	92.3	
Rhondda Cynon Taf LA	2671	2559	95.8	2471	92.5	2464	92.3	2469	92.4	1312	1263	96.3	1217	92.8	1359	1296	95.4	1254	92.3	
Health Board Total	4941	4715	95.4	4512	91.3	4399	89.0	4418	89.4	2441	2342	95.9	2243	91.9	2499	2373	95.0	2269	90.8	
<u>Hywel Dda University HB</u>																				
Cardemarthenshire LA	2011	1913	95.1	1848	91.9	1781	88.6	1778	88.4	977	933	95.5	899	92.0	1034	980	94.8	949	91.8	
Ceredigion LA	679	646	95.1	628	92.5	600	88.4	597	87.9	328	314	95.7	304	92.7	351	332	94.6	324	92.3	
Pembrokeshire LA	1264	1189	94.1	1139	90.1	1056	83.5	1054	83.4	636	600	94.3	576	90.6	628	589	93.8	563	89.6	
Health Board Total	3954	3748	94.8	3615	91.4	3437	86.9	3429	86.7	1941	1847	95.2	1779	91.7	2013	1901	94.4	1836	91.2	
<u>Powys Teaching HB</u>																				
Health Board Total	1338	1247	93.2	1191	89.0	1194	89.2	1203	89.9	659	616	93.5	592	89.8	679	631	92.9	599	88.2	
<u>Swansea Bay University HB</u>																				
Neath Port Talbot LA	1500	1436	95.7	1371	91.4	1350	90.0	1370	91.3	738	716	97.0	684	92.7	762	720	94.5	687	90.2	
Swansea LA	2579	2452	95.1	2347	91.0	2338	90.7	2359	91.5	1228	1171	95.4	1119	91.1	1351	1281	94.8	1228	90.9	
Health Board Total	4079	3888	95.3	3718	91.1	3688	90.4	3729	91.4	1966	1887	96.0	1803	91.7	2113	2001	94.7	1915	90.6	
Unknown	105	96	91.4	92	87.6	88	83.8	88	83.8	42	39	92.9	36	85.7	63	57	90.5	56	88.9	
Wales Total	33896	32269	95.2	31056	91.6	29216	86.2	29284	86.4	16465	15734	95.6	15145	92.0	17429	16534	94.9	15910	91.3	

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

Table 14. MMR, Td/IPV and MenACWY vaccine uptake in children reaching their 16th birthday between 01/07/20 and 30/09/20 and resident on 30/09/20, 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>	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)		(n)	(n)	(%)	(n)	(%)
Blaenau Gwent LA	219	215	98.2	211	96.3	199	90.9	200	91.3		114	114	100.0	111	97.4		105	101	96.2	100	95.2
Caerphilly LA	558	547	98.0	533	95.5	474	84.9	472	84.6		274	266	97.1	262	95.6		284	281	98.9	271	95.4
Monmouthshire LA	290	274	94.5	268	92.4	237	81.7	236	81.4		128	121	94.5	117	91.4		162	153	94.4	151	93.2
Newport LA	495	463	93.5	449	90.7	394	79.6	395	79.8		248	234	94.4	228	91.9		246	229	93.1	221	89.8
Torfaen LA	277	269	97.1	261	94.2	247	89.2	246	88.8		134	132	98.5	127	94.8		143	137	95.8	134	93.7
Health Board Total	1839	1768	96.1	1722	93.6	1551	84.3	1549	84.2		898	867	96.5	845	94.1		940	901	95.9	877	93.3
<u>Betsi Cadwaladr University HB</u>																					
Anglesey LA	180	173	96.1	172	95.6	159	88.3	159	88.3		85	82	96.5	82	96.5		95	91	95.8	90	94.7
Conwy LA	302	282	93.4	276	91.4	276	91.4	276	91.4		153	138	90.2	135	88.2		149	144	96.6	141	94.6
Denbighshire LA	293	278	94.9	273	93.2	257	87.7	255	87.0		144	139	96.5	136	94.4		149	139	93.3	137	91.9
Flintshire LA	465	445	95.7	429	92.3	409	88.0	412	88.6		216	209	96.8	199	92.1		249	236	94.8	230	92.4
Gwynedd LA	305	297	97.4	286	93.8	270	88.5	272	89.2		143	140	97.9	135	94.4		162	157	96.9	151	93.2
Wrexham LA	418	397	95.0	389	93.1	360	86.1	361	86.4		196	186	94.9	180	91.8		222	211	95.0	209	94.1
Health Board Total	1963	1872	95.4	1825	93.0	1731	88.2	1735	88.4		937	894	95.4	867	92.5		1026	978	95.3	958	93.4
<u>Cardiff and Vale University HB</u>																					
Cardiff LA	967	894	92.5	835	86.3	737	76.2	729	75.4		469	437	93.2	410	87.4		498	457	91.8	425	85.3
Vale of Glamorgan LA	383	359	93.7	345	90.1	314	82.0	314	82.0		208	196	94.2	189	90.9		175	163	93.1	156	89.1
Health Board Total	1350	1253	92.8	1180	87.4	1051	77.9	1043	77.3		677	633	93.5	599	88.5		673	620	92.1	581	86.3
<u>Cwm Taf Morgannwg University HB</u>																					
Bridgend LA	397	381	96.0	356	89.7	340	85.6	340	85.6		192	187	97.4	181	94.3		205	194	94.6	175	85.4
Merthyr Tydfil LA	162	156	96.3	150	92.6	143	88.3	144	88.9		83	79	95.2	76	91.6		79	77	97.5	74	93.7
Rhondda Cynon Taf LA	741	712	96.1	690	93.1	679	91.6	684	92.3		389	376	96.7	365	93.8		352	336	95.5	325	92.3
Health Board Total	1300	1249	96.1	1196	92.0	1162	89.4	1168	89.8		664	642	96.7	622	93.7		636	607	95.4	574	90.3
<u>Hywel Dda University HB</u>																					
Cardiganshire LA	562	541	96.3	523	93.1	504	89.7	504	89.7		273	265	97.1	254	93.0		289	276	95.5	269	93.1
Ceredigion LA	172	164	95.3	159	92.4	157	91.3	157	91.3		82	78	95.1	75	91.5		90	86	95.6	84	93.3
Pembrokeshire LA	344	325	94.5	312	90.7	284	82.6	282	82.0		165	157	95.2	148	89.7		179	168	93.9	164	91.6
Health Board Total	1078	1030	95.5	994	92.2	945	87.7	943	87.5		520	500	96.2	477	91.7		558	530	95.0	517	92.7
<u>Powys Teaching HB</u>																					
Health Board Total	370	346	93.5	332	89.7	329	88.9	332	89.7		175	164	93.7	158	90.3		195	182	93.3	174	89.2
<u>Swansea Bay University HB</u>																					
Neath Port Talbot LA	408	390	95.6	382	93.6	377	92.4	380	93.1		215	205	95.3	201	93.5		193	185	95.9	181	93.8
Swansea LA	640	602	94.1	574	89.7	586	91.6	593	92.7		314	293	93.3	284	90.4		326	309	94.8	290	89.0
Health Board Total	1048	992	94.7	956	91.2	963	91.9	973	92.8		529	498	94.1	485	91.7		519	494	95.2	471	90.8
Unknown	28	27	96.4	26	92.9	26	92.9	26	92.9		11	10	90.9	10	90.9		17	17	100.0	16	94.1
Wales Total	8976	8537	95.1	8231	91.7	7758	86.4	7769	86.6		4411	4208	95.4	4063	92.1		4564	4329	94.9	4168	91.3

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

Table 15. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/07/20 and 30/09/20 and resident on 30/09/20.¹

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	
	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
<u>Aneurin Bevan University HB</u>												
Blaenau Gwent LA	197	4	2.0	185	2	1.1	188	4	2.1	219	3	1.4
Caerphilly LA	468	5	1.1	484	10	2.1	568	14	2.5	558	13	2.3
Monmouthshire LA	172	6	3.5	203	6	3.0	251	12	4.8	290	9	3.1
Newport LA	506	76	15.0	499	66	13.2	582	87	14.9	495	66	13.3
Torfaen LA	249	8	3.2	283	5	1.8	271	9	3.3	277	4	1.4
Health Board Total	1592	99	6.2	1654	89	5.4	1860	126	6.8	1839	95	5.2
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	157	3	1.9	158	0	0.0	194	12	6.2	180	3	1.7
Conwy LA	272	10	3.7	250	8	3.2	282	9	3.2	302	15	5.0
Denbighshire LA	268	11	4.1	209	7	3.3	282	13	4.6	293	7	2.4
Flintshire LA	380	28	7.4	395	14	3.5	442	16	3.6	465	14	3.0
Gwynedd LA	240	6	2.5	293	16	5.5	316	17	5.4	305	9	3.0
Wrexham LA	366	32	8.7	361	24	6.6	374	33	8.8	418	32	7.7
Health Board Total	1683	90	5.3	1666	69	4.1	1890	100	5.3	1963	80	4.1
<u>Cardiff and Vale University HB</u>												
Cardiff LA	973	176	18.1	1061	56	5.3	1186	260	21.9	967	173	17.9
Vale of Glamorgan LA	316	19	6.0	345	5	1.4	369	17	4.6	383	12	3.1
Health Board Total	1289	195	15.1	1406	61	4.3	1555	277	17.8	1350	185	13.7
<u>Cwm Taf Morgannwg Univeristy HB</u>												
Bridgend LA	322	8	2.5	397	9	2.3	438	24	5.5	397	13	3.3
Merthyr Tydfil LA	154	4	2.6	190	11	5.8	215	16	7.4	162	5	3.1
Rhondda Cynon Taf LA	613	26	4.2	686	8	1.2	721	30	4.2	741	14	1.9
Health Board Total	1089	38	3.5	1273	28	2.2	1374	70	5.1	1300	32	2.5
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	438	8	1.8	472	14	3.0	513	19	3.7	562	22	3.9
Ceredigion LA	114	3	2.6	137	5	3.6	158	9	5.7	172	11	6.4
Pembrokeshire LA	295	6	2.0	273	5	1.8	343	8	2.3	344	2	0.6
Health Board Total	847	17	2.0	882	24	2.7	1014	36	3.6	1078	35	3.2
<u>Powys Teaching Health Board</u>												
Health Board Total	265	5	1.9	313	5	1.6	301	8	2.7	370	8	2.2
<u>Swansea Bay University HB</u>												
Neath Port Talbot LA	312	8	2.6	344	11	3.2	390	6	1.5	408	9	2.2
Swansea LA	598	72	12.0	640	68	10.6	681	86	12.6	640	55	8.6
Health Board Total	910	80	8.8	984	79	8.0	1071	92	8.6	1048	64	6.1
Unknown	0	0	0.0	3	0	0.0	4	0	0.0	28	2	7.1
Wales Total	7681	525	6.8	8181	355	4.3	9069	709	7.8	8976	501	5.6

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

Table 16. Uptake of hepatitis B immunisation in children, reaching their 1st, 2nd, and 5th birthdays during between 01/07/20 and 30/09/20 and resident on 30/09/20, 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	1550	8	100.0	100.0	100.0	1518	2	100.0	100.0	100.0	100.0	1711	3	100.0	100.0	100.0	33.3
Betsi Cadwaladr UHB	1583	0	-	-	-	1712	1	100.0	100.0	100.0	100.0	1805	1	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1186	4	100.0	100.0	100.0	1313	6	100.0	100.0	100.0	83.3	1457	7	100.0	100.0	100.0	85.7
Cwm Taf Morgannwg UHB	1080	0	-	-	-	1172	0	-	-	-	-	1258	2	100.0	100.0	100.0	100.0
Hywel Dda UHB	802	0	-	-	-	831	0	-	-	-	-	993	0	-	-	-	-
Powys Teaching HB	268	0	-	-	-	297	0	-	-	-	-	344	1	100.0	100.0	100.0	100.0
Swansea Bay UHB	862	0	-	-	-	922	1	100.0	100.0	100.0	100.0	1025	3	100.0	100.0	100.0	100.0
Unknown	6	0	-	-	-	6	0	-	-	-	-	5	0	-	-	-	-
Wales Total	7337	12	100.0	100.0	100.0	7771	10	100.0	100.0	100.0	90.0	8598	17	100.0	100.0	100.0	82.4

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.