

Vaccine Uptake in Children in Wales July to September 2014

COVER 112: Wales December 2014



Key points

- For children at one year of age, uptake of the “5 in 1” vaccine and pneumococcal vaccine fell below the 95% target this quarter. Thirteen Local Authority (LA) areas exceeded the 95% uptake target for the “5 in 1” vaccine.
- Uptake of two doses of rotavirus vaccine increased to 89%. Thirteen LA areas and four Health Boards had an uptake above 90%.
- Uptake of the first dose of MMR vaccine in two year old children fell to 95%. Thirteen LA areas and four Health Boards achieved the target of 95% uptake.
- Just below 86% of children were up to date with all routine immunisations by four years of age.
- Uptake of the second MMR dose by five years of age was stable at 93%.
- Uptake of “4 in 1” pre-school booster in five year old children slightly decreased to 93% this quarter from 94% last quarter.
- Uptake of the first dose of Human Papillomavirus (HPV) vaccine in girls in the 2013-14 School Year 8 was 89%, uptake of the second dose was 87% and uptake of the third dose was 80% at the time of data collection.
- Coverage of one dose of MMR vaccine in 16 year olds remained stable at 95% this quarter and coverage of a completed two dose course slightly decreased to 89% this quarter compared to 90% last quarter.
- Coverage of the Td/IPV teenage booster in 16 year olds decreased to 81% this quarter from 83% last quarter.

These results are for children living in Wales in September 2014 and reaching their first, second, fourth, fifth, 15th and 16th birthdays during the quarter 01/07/2014 to 30/09/2014. Uptake of HPV vaccination¹ in girls in the 2013-14 School Year 8 (reaching their 13th birthday between 01/09/2013 and 31/08/2014) is presented, along with coverage in the previous School Year 8 group. BCG and hepatitis B immunisation uptake data are also presented here. BCG and hepatitis B immunisations are not part of the routine childhood schedule and are given selectively following risk assessment; further information on circumstances in which these immunisations should be given can be found in: Immunisation Against Infectious Disease (The Green Book, available from <http://immunisation.dh.gov.uk/category/the-green-book/>). Coverage of neonatal hepatitis B immunisation is presented here, using data from the Public Health Wales Neonatal Hepatitis B database.

Findings

1. Uptake of all three doses of the combined “5 in 1” DTaP/IPV/Hib² vaccine, scheduled at 2, 3 and 4 months of age, in children reaching their first birthday this quarter was 94.6%, compared to 96.2% last quarter. Uptake ranged by Health Board from 91.0% to 96.8% and by Local Authority (LA) from 90.0% (Cardiff) to 98.2% (Merthyr Tydfil). Thirteen of the 22 LA areas achieved the target 95% uptake (Figures 2 and 4, Tables 2 and 3).

¹ HPV vaccination protects girls against cervical cancer associated with HPV types 16 and 18.

² DTaP/IPV/Hib vaccine protects against Diphtheria, Tetanus, Pertussis (Whooping Cough), Polio and Hib infection.

2. National uptake of a completed one dose course of MenC³ vaccine in children reaching their first birthday this quarter was 96.1% compared to 97.1% last quarter. Uptake in Health Boards ranged from 94.2% to 97.8% and ranged by LA from 92.7% (Ceredigion) to 98.6% (Blaenau Gwent). Nineteen of the 22 LA areas achieved an uptake in excess of the 95% target (Figure 2, Tables 2 and 3).
3. Uptake of a complete two dose primary course of pneumococcal conjugate vaccination (PCV2³) in children reaching their first birthday was 94.0% this quarter (compared to 95.7% last quarter), ranging by LA from 88.8% (Cardiff) to 98.2% (Merthyr Tydfil). Eleven LA areas achieved the target 95% uptake (Figures 1 and 2, Table 3).
4. Uptake of two doses of rotavirus vaccine in children reaching their first birthday this quarter was 89.2%. Uptake in Health Boards ranged from 82.4% to 93.7% and ranged by LA from 80.3% (Cardiff) to 93.9% (Rhondda Cynon Taf) (Figure 2, Tables 2 and 3).
5. Uptake of the first dose of MMR⁴ in children reaching their second birthday (scheduled at 12 to 13 months of age) was 95.2% this quarter (compared to 96.3% last quarter) and ranged by LA from 93.2% (Cardiff) to 98.0% (Blaenau Gwent) (Figures 1, 2 and 5, Tables 2 and 4). Thirteen LA areas achieved the target of 95% uptake.
6. 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 96.1% last quarter). Uptake by LA ranged from 93.1% (Cardiff) to 98.0% (Blaenau Gwent) (Tables 2, 4). Twelve LA areas achieved an uptake in excess of 95%.
7. Uptake of the Hib/MenC booster (given at 12 to 13 months of age) in children reaching two years of age was 94.3% (compared to 95.4% last quarter) and ranged by LA from 92.2% (Cardiff) to 98.0% (Blaenau Gwent) (Tables 2, 4). Nine LA areas achieved uptakes in excess of 95%.
8. In children reaching four years of age this quarter, coverage of the 4 in 1 preschool booster was 87.8%, coverage of the Hib/MenC booster was 95.0% and uptake of two doses of MMR was 88.8% (Table 5). This year 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. The proportion of children who were up to date with all their routine immunisations at four years of age decreased to 85.6% this quarter from 86.1% last quarter (Table 1). This ranged by HB from 83.9% (Hywel Dda University HB) to 88.5% (Powys Teaching HB) and by LA from 80.9% (Blaenau Gwent) to 90.7% (Merthyr Tydfil) (Figure 3, Table 1).
9. In children reaching five years of age this quarter, coverage of one dose of MMR decreased slightly to 96.3% from 96.8% last quarter. Uptake of two doses of MMR decreased slightly to 92.6% from 92.8% last quarter (Table 6). Uptake of two doses of MMR ranged by Health Board from 90.5% (Powys Teaching HB) to 94.4% (Abertawe Bro Morgannwg University HB) and by LA from 87.2% (Pembrokeshire) to 95.2% (Vale of Glamorgan) (Figures 1, and 2, Tables 2 and 6). Both Wrexham and Vale of Glamorgan LA's exceeded 95% uptake for two doses of MMR by five years of age (Figure 6).
10. Uptake of the "4 in 1" DTaP/IPV⁵ pre-school booster in children reaching their fifth birthday decreased to 92.9% this quarter (from 93.5% last quarter), ranging by Health Board from 91.1% (Hywel Dda University HB) to 94.6% (Cwm Taf University HB) and by LA from 88.1% (Pembrokeshire) to 95.1% (Wrexham) (Tables 2, 6). Wrexham was the only LA that achieved the 95% uptake target (Figure 7).

³ MenC vaccine protects against meningitis caused by meningococcus group C infection. PCV protects against pneumococcal meningitis, bacteraemia, pneumonia and otitis media. Children reaching one year of age this quarter have been scheduled for the two dose course of pneumococcal conjugate vaccination (PCV) at two and four months of age and a one dose MenC primary course scheduled at three months of age. Children reaching 2 years of age this quarter should have been offered a routine dose of the Hib/ MenC and PCV at 12 to 13 months of age.

⁴ MMR protects against measles, mumps and rubella infections.

⁵ DTaP/IPV (and dTaP/IPV) vaccines boost protection against Diphtheria, Tetanus, Pertussis and Polio infection before school entry.

11. Coverage of a two dose primary course of MenC in children reaching their fifth birthday this quarter was 93.5%, decreasing from 94.2% last quarter. Coverage ranged by Health Board from 90.7% (Hywel Dda University HB) to 95.5% (Abertawe Bro Morgannwg University HB) and by LA from 86.0% (Ceredigion) to 97.1% (Bridgend) (Table 6).
12. Uptake of the first dose of HPV vaccine in girls in the 2013-14 School Year 8 was 88.7%, uptake of two doses was 86.8%, and uptake of three doses was 79.7% (Table 7). Data entry and some vaccination sessions for the third dose may not have been complete when data for this report were extracted and therefore, uptake for the third dose is expected to increase. Coverage of HPV vaccination in 2012-13 School Year 8 group was at 88.8%, 88.0% and 85.6% for one, two and three doses respectively (Table 7). This represents end of year figures for the 2012-13 routine HPV campaign, although coverage may increase as girls who have missed out on vaccination are given opportunity to catch up.
13. Coverage of two doses of MMR in children reaching 16 years of age this quarter was 89.3% (compared to 89.7% last quarter), ranging by LA from 78.2% (Monmouthshire) to 94.5% (Anglesey). Coverage of one dose of MMR remained stable this quarter at 95.1%, ranging by LA from 86.0% (Monmouthshire) to 99.5% (Blaenau Gwent) (Tables 2 and 9). Coverage of a full course (two doses of MMR) of immunisation against rubella in 16 year old girls this quarter was 89.9% and coverage of only one dose was 95.6% (Table 9).
14. National uptake of the Td/IPV⁶ teenage booster in children reaching 16 years of age this quarter was 80.9 (compared to 82.5% last quarter) and ranged by LA from 67.9% (Powys) to 88.0% (Conwy) (Tables 2 and 9).
15. Coverage in the 2013-14 cohort of year 10 girls (girls reaching their 15th birthday during 01/09/13 to 31/08/14) of a complete three dose course of HPV vaccine is currently 86.5%. Coverage of a complete three dose course of HPV vaccine in girls reaching their 16th birthday during 01/09/13 to 31/08/14 (2013-14 year 11) is currently 85.9%. Coverage of a complete three dose course of HPV vaccine in girls reaching their 17th birthday during 01/09/13 to 31/08/14 (2013-14 year 12) is currently 83.1% (Table 10).
16. Uptake of BCG⁷ immunisation is presented in Table 11. These data are based on BCG immunisations recorded in the National Community Child Health Database. BCG immunisation has been received by 4.7%, 6.7%, 7.3% and 3.5% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter three 2014. Highest proportions of children given BCG by one and two years of age this quarter were seen in Cardiff, Newport and Swansea LA's⁸.
17. Uptake of hepatitis B immunisation, extracted from the Public Health Wales All Wales Neonatal Hepatitis B immunisation database, is presented in Table 12. The database was developed to assist the Public Health Wales Health Protection Team in the monitoring and follow up of hepatitis B immunisation of babies born to hepatitis B positive mothers and to provide a source for statistics on uptake of hepatitis B immunisation in this group. Uptake of three doses in children who were at risk of perinatal infection and reached their first birthday this quarter was 100%. Uptake of four doses in children who were at risk of perinatal infection and reached their second birthday this quarter was 94.4%. Uptake of four doses in children who were at risk of perinatal infection and reached their fifth birthday this quarter was 95.0%.

⁶ Td/IPV boosts protection against Diphtheria, Tetanus and Polio infection before entering adulthood

⁷ BCG protects against tuberculosis infection.

⁸ Numbers of eligible children for BCG are not known

Comment

Generally across all ages, uptake of routine immunisation is lower this quarter compared to the previous quarter. This trend is particularly prominent amongst children reaching one year of age, where for the first time since 2008, uptake of the “5 in 1” vaccine which protects against Diphtheria, Tetanus, Pertussis (Whooping Cough), Polio and Hib infection, dropped below 95%. The falls in the uptake of some vaccines may reflect an increased workload over the last year due to the introduction of new vaccines e.g. rotavirus and influenza vaccines [1,2] and changes to the childhood schedule in 2013-14 e.g. MenC vaccine [3].

Encouragingly, uptake of two doses of rotavirus vaccine increased to 89% this quarter compared to 59% last quarter, with uptake of one dose at 92%. Although a high uptake of rotavirus vaccine has been achieved this quarter, it is important to recognise that unlike other childhood immunisations, rotavirus vaccine must be given within strict age limits i.e. between 6 weeks and 14 weeks 6 days of age (first dose) and by 23 weeks and 6 days of age with a minimum interval of 4 weeks (second dose). Consequently, the ability to catch-up children that may have missed an appointment is reduced compared to other vaccinations administered at the same age.

Uptake of one dose of MMR still remains at 95% amongst children reaching two and 16 years of age and over 90% for two doses of MMR in five year olds. Although the percentage of children reaching their fourth birthday and who are fully up to date with all scheduled vaccines was lower this quarter compared to the same quarter in 2013, four Health Boards showed an increase in uptake this quarter compared to the previous quarter.

Uptake of the combined diphtheria, tetanus and polio booster in teenagers has gradually improved over recent years with uptake in 15 year olds increasing to 74.5% this quarter compared to 71.3% of the same quarter in 2013. Every effort should be made to offer the “3 in 1” teenage booster vaccine to children aged 15 and 16 in order to achieve further improvements in uptake.

[1] Welsh Government (2013) Important changes to the National Immunisation Programme in 2013-14 and introduction of rotavirus vaccination for babies at 2 and 3 months of age, CMO letter (2013) 09.

<http://wales.gov.uk/docs/phhs/publications/130524rotavirusen.pdf>

[2] Welsh Government (2013) 2013-14 Seasonal Flu Vaccination Programme, CMO letter (2013) 16.

<http://wales.gov.uk/docs/phhs/publications/130816fluen.pdf>

[3] Welsh Government (2013) Important changes to the Schedule for Meningococcal Serogroup C Conjugate Vaccine, CMO letter (2013) 10.

<http://wales.gov.uk/docs/phhs/publications/130524changesen.pdf>

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 doctors and nurses 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:

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surveillance.requests@wales.nhs.uk

Figure 1. Percentage uptake of childhood immunisations in Wales, quarter 1 1997 to quarter 3 2014. Data are for children reaching 1 year of age each quarter for diphtheria, pertussis, Hib, MenC⁹ and pneumococcal conjugate vaccine (PCV2), children reaching 2 years of age for MMR1 (first dose) and the Hib/MenC booster, and 5 years of age for MMR2 (second dose).

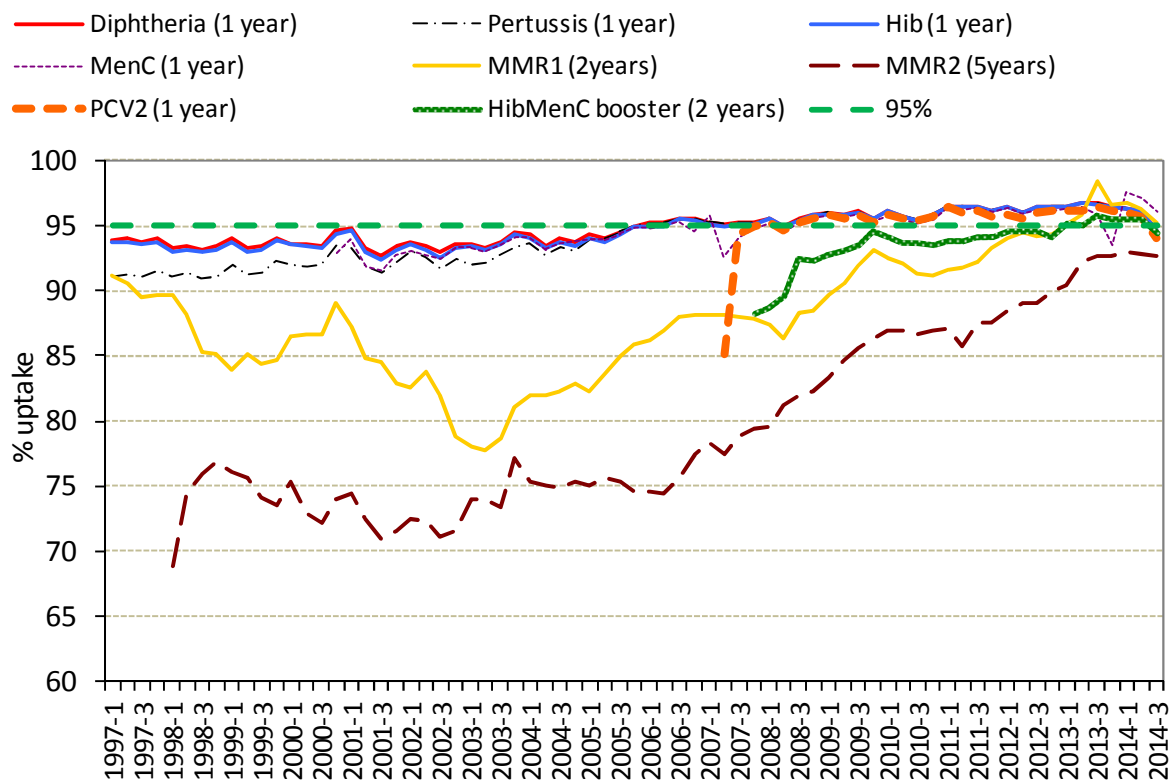
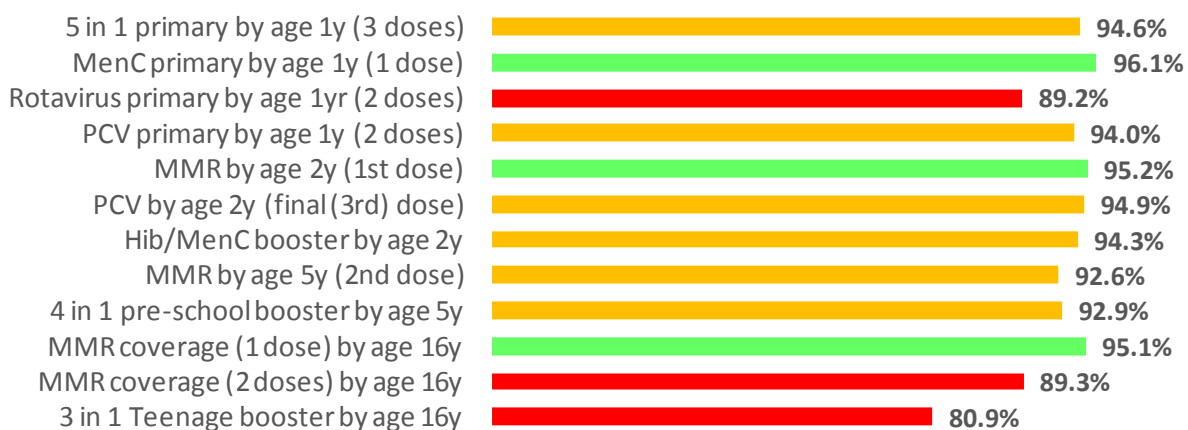


Figure 2. Summary of uptake rates for selected immunisations⁹ in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/07/14 and 30/09/14 and resident on 30/09/14.

All Wales Summary - COVER112



⁹ MenC uptake for children reaching one year of age is based on a completed one dose course of MenC vaccination.

Figure 3. Percentage uptake of resident children reaching their 4th birthday between 01/07/14 and 30/09/14 and are up to date with all scheduled vaccines¹⁰ by Health Board.

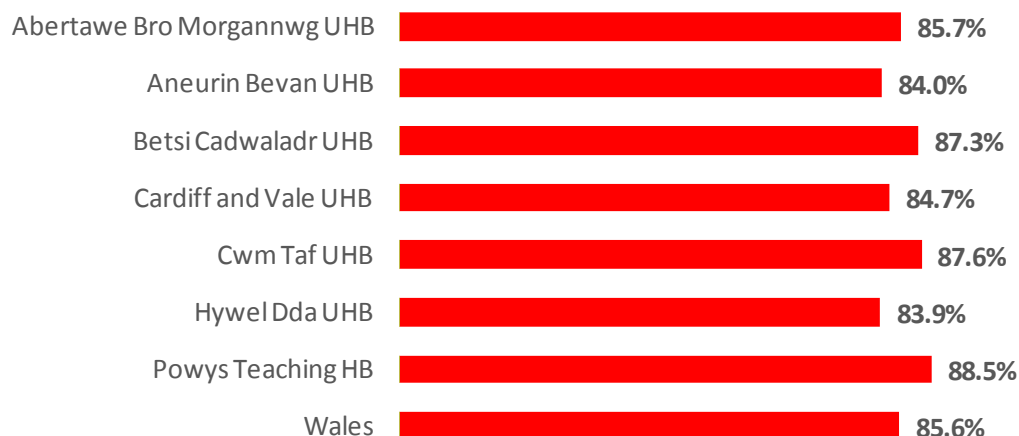


Table 1. Percentage uptake of resident children reaching their 4th birthday between 01/07/13 and 30/09/14 and are up to date with all scheduled vaccines¹⁰ by Health Board, quarter 3 2013 to quarter 3 2014.

Area	Up to date in schedule				
	2013-3	2013-4	2014-1	2014-2	2014-3
Abertawe Bro Morgannwg UHB	87.3	86.7	85.2	85.3	85.7
Aneurin Bevan UHB	86.6	86.1	85.2	82.7	84.0
Betsi Cadwaladr UHB	88.1	90.5	90.1	90.3	87.3
Cardiff and Vale UHB	86.0	84.3	84.6	83.2	84.7
Cwm Taf UHB	89.7	89.9	91.2	90.4	87.6
Hywel Dda UHB	86.2	87.2	89.0	85.7	83.9
Powys Teaching HB	86.4	90.2	86.2	86.1	88.5
Wales	87.2	87.5	87.2	86.1	85.6

¹⁰ Completed 4 in 1 preschool booster, the Hib/MenC booster and second MMR dose by four years of age. 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.

Figure 4. Uptake of 5 in 1 vaccine in Welsh Local Authority areas in children reaching their 1st birthday between 01/07/14 and 30/09/14.

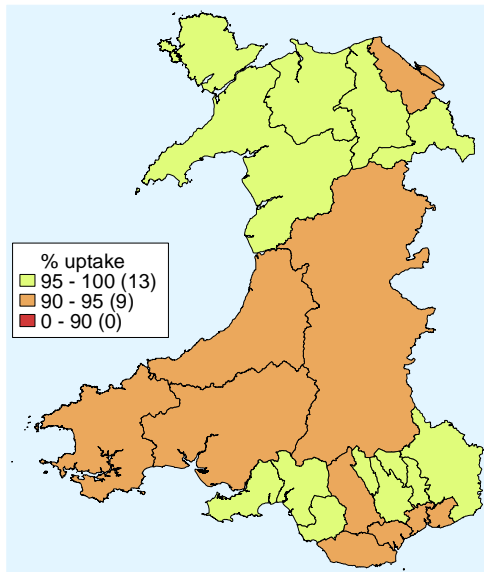


Figure 5. Uptake of at least 1 dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/07/14 and 30/09/14.

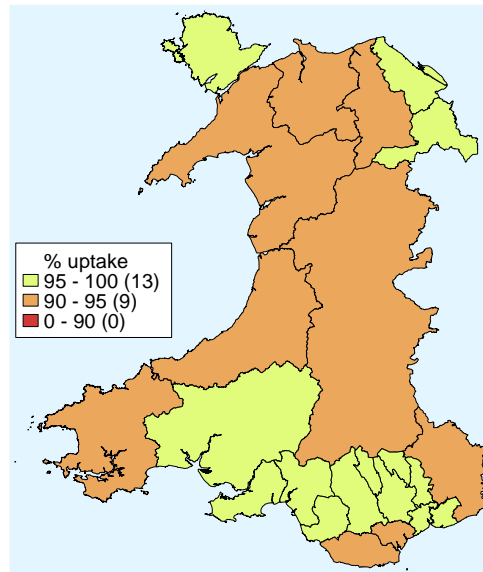


Figure 6. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/14 and 30/09/14.

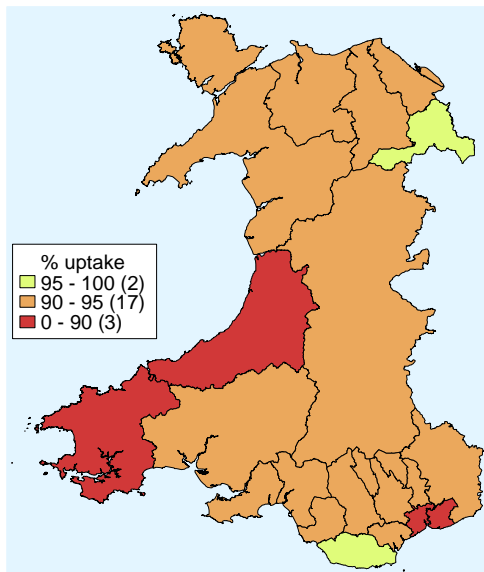


Figure 7. Uptake of 4 in 1 vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/07/14 and 30/09/14.

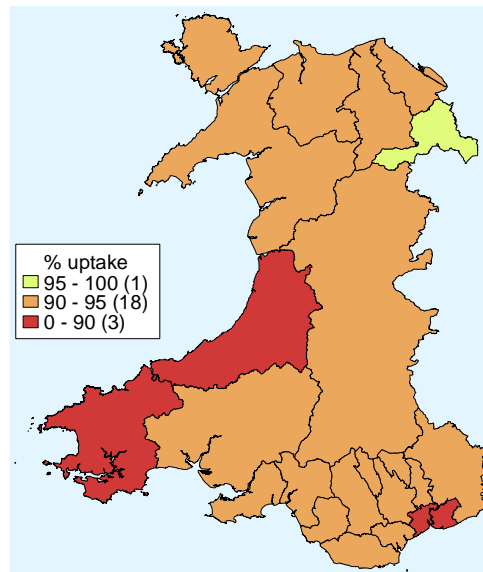


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 4th, 5th and 16th birthday between 01/07/14 and 30/09/14 and resident on 30/09/14.

Area	Age 1 year				Age 2 years				Age 4 years		Age 5 years			Age 16 years				
	Resident children (n)	5 in 1 ¹ (n) (%)	MenC ² (n) (%)	Rotavirus (n) (%)	Resident children (n)	MMR1 (n) (%)	PCVf ³ (n) (%)	Hib/MenC booster (n) (%)	Resident children (n)	Up to date in schedule ⁴ (%)	Resident children (n)	MMR2 (n) (%)	4 in 1 ¹ (n) (%)	Resident children (n)	MMR1 (n) (%)	MMR2 (n) (%)	3 in 1 Teenage booster ⁵ (n) (%)	
Abertawe Bro Morgannwg UHB																		
Bridgend LA	424	410 96.7	415 97.9	389 91.7	412	398 96.6	394 95.6	392 95.1	401	86.6	408	384 94.1	374 91.7	436	420 96.3	408 93.6	348 79.8	
Neath Port Talbot LA	411	397 96.6	402 97.8	364 88.6	370	359 97.0	351 94.9	347 93.8	374	84.0	413	387 93.7	388 93.9	439	431 98.2	404 92.0	365 83.1	
Swansea LA	647	627 96.9	633 97.8	590 91.2	736	712 96.7	702 95.4	698 94.8	615	86.3	670	636 94.9	631 94.2	671	643 95.8	598 89.1	579 86.3	
Health Board Total	1482	1434 96.8	1450 97.8	1343 90.6	1518	1469 96.8	1447 95.3	1437 94.7	1390	85.7	1491	1407 94.4	1393 93.4	1546	1494 96.6	1410 91.2	1292 83.6	
Aneurin Bevan UHB																		
Blaenau Gwent LA	208	203 97.6	205 98.6	192 92.3	197	193 98.0	193 98.0	193 98.0	165	80.9	195	180 92.3	182 93.3	187	186 99.5	172 92.0	146 78.1	
Caerphilly LA	563	535 95.0	537 95.4	521 92.5	545	521 95.6	521 95.6	519 95.2	478	85.2	563	524 93.1	526 93.4	564	540 95.7	500 88.7	448 79.4	
Monmouthshire LA	181	175 96.7	176 97.2	163 90.1	234	220 94.0	221 94.4	220 94.0	200	87.0	214	197 92.1	201 93.9	293	252 86.0	229 78.2	221 75.4	
Newport LA	477	449 94.1	456 95.6	420 88.1	473	453 95.8	451 95.3	445 94.1	421	82.5	525	471 89.7	470 89.5	563	524 93.1	487 86.5	416 73.9	
Torfaen LA	307	296 96.4	299 97.4	282 91.9	284	276 97.2	274 96.5	274 96.5	238	84.1	275	261 94.9	261 94.9	303	293 96.7	280 92.4	249 82.2	
Health Board Total	1736	1658 95.5	1673 96.4	1578 90.9	1733	1663 96.0	1660 95.8	1651 95.3	1502	84.0	1772	1633 92.2	1640 92.6	1910	1795 94.0	1668 87.3	1480 77.5	
Betsi Cadwaladr University UHB																		
Anglesey LA	188	179 95.2	183 97.3	171 91.0	215	206 95.8	207 96.3	206 95.8	190	89.6	175	166 94.9	166 94.9	182	178 97.8	172 94.5	154 84.6	
Conwy LA	290	279 96.2	283 97.6	268 92.4	303	283 93.4	283 93.4	283 93.4	278	85.5	303	280 92.4	281 92.7	367	353 96.2	344 93.7	323 88.0	
Denbighshire LA	275	265 96.4	270 98.2	233 84.7	255	239 93.7	241 94.5	238 93.3	235	88.7	262	240 91.6	243 92.7	312	302 96.8	277 88.8	270 86.5	
Flintshire LA	390	362 92.8	374 95.9	346 88.7	453	437 96.5	437 96.5	436 96.2	382	85.5	475	444 93.5	449 94.5	499	485 97.2	461 92.4	425 85.2	
Gwynedd LA	312	302 96.8	297 95.2	279 89.4	346	323 93.4	323 93.4	322 93.1	280	87.2	348	319 91.7	321 92.2	314	298 94.9	283 90.1	270 86.0	
Wrexham LA	415	396 95.4	400 96.4	376 90.6	454	438 96.5	439 96.7	435 95.8	400	88.7	467	444 95.1	444 95.1	388	378 97.4	362 93.3	318 82.0	
Health Board Total	1870	1783 95.3	1807 96.6	1673 89.5	2026	1926 95.1	1930 95.3	1920 94.8	1765	87.3	2030	1893 93.3	1904 93.8	2062	1994 96.7	1899 92.1	1760 85.4	
Cardiff and Vale University UHB																		
Cardiff LA	1175	1057 90.0	1101 93.7	943 80.3	1133	1056 93.2	1055 93.1	1045 92.2	1003	82.9	1150	1039 90.3	1047 91.0	988	935 94.6	862 87.2	765 77.4	
Vale of Glamorgan LA	352	333 94.6	338 96.0	315 89.5	327	307 93.9	310 94.8	308 94.2	341	90.5	398	379 95.2	377 94.7	391	377 96.4	353 90.3	329 84.1	
Health Board Total	1527	1390 91.0	1439 94.2	1258 82.4	1460	1363 93.4	1365 93.5	1353 92.7	1344	84.7	1548	1418 91.6	1424 92.0	1379	1312 95.1	1215 88.1	1094 79.3	
Cwm Taf UHB																		
Merthyr Tydfil LA	165	162 98.2	162 98.2	153 92.7	194	190 97.9	190 97.9	188 96.9	166	90.7	190	174 91.6	179 94.2	189	179 94.7	170 89.9	165 87.3	
Rhondda Cynon Taf LA	726	688 94.8	697 96.0	682 93.9	749	714 95.3	716 95.6	714 95.3	630	86.8	682	638 93.5	646 94.7	757	733 96.8	699 92.3	646 85.3	
Health Board Total	891	850 95.4	859 96.4	835 93.7	943	904 95.9	906 96.1	902 95.7	796	87.6	872	812 93.1	825 94.6	946	912 96.4	869 91.9	811 85.7	
Hywel Dda UHB																		
Cardiff LA	472	447 94.7	454 96.2	432 91.5	502	480 95.6	470 93.6	467 93.0	426	81.5	521	489 93.9	488 93.7	509	483 94.9	449 88.2	407 80.0	
Ceredigion LA	193	179 92.7	179 92.7	168 87.0	169	160 94.7	162 95.9	160 94.7	174	89.2	164	146 89.0	146 89.0	204	192 94.1	179 87.7	170 83.3	
Pembrokeshire LA	281	258 91.8	269 95.7	255 90.7	332	311 93.7	311 93.7	308 92.8	274	84.6	328	286 87.2	289 88.1	369	331 89.7	311 84.3	265 71.8	
Health Board Total	946	884 93.4	902 95.3	855 90.4	1003	951 94.8	943 94.0	935 93.2	874	83.9	1013	921 90.9	923 91.1	1082	1006 93.0	939 86.8	842 77.8	
Powys Teaching UHB																		
Unknown	298	277 93.0	282 94.6	262 87.9	323	302 93.5	301 93.2	299 92.6	270	88.5	349	316 90.5	320 91.7	408	366 89.7	342 83.8	277 67.9	
Unknown	26	24 92.3	24 92.3	23 88.5	19	16 84.2	16 84.2	16 84.2	17	81.0	20	19 95.0	19 95.0	49	41 83.7	37 75.5	32 65.3	
Wales Total	8776	8300 94.6	8436 96.1	7827 89.2	9025	8594 95.2	8568 94.9	8513 94.3	7958	85.6	9095	8419 92.6	8448 92.9	9382	8920 95.1	8379 89.3	7588 80.9	

¹ Uptake of pertussis used as proxy

² Uptake of a completed one dose primary course of MenC vaccination

³ Children receiving the final dose of PCV

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

⁵ Uptake of diphtheria (reinforcing booster dose) used as proxy

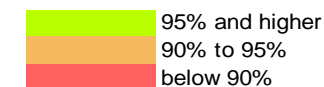


Table 3. Vaccine uptake in children reaching their 1st birthday between 01/07/14 and 30/09/14 and resident on 30/09/14.

Area	Resident children	D3	T3	P3	Po3	Hib3	MMR1 ¹	MenC ²	Rotavirus	PCV2 ³	HibMenCb
	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)
Abertawe Bro Morgannwg University HB											
Bridgend LA	424	410 96.7	410 96.7	410 96.7	409 96.5	410 96.7	2 0.5	415 97.9	389 91.7	410 96.7	1 0.2
Neath Port Talbot LA	411	397 96.6	397 96.6	397 96.6	397 96.6	397 96.6	1 0.2	402 97.8	364 88.6	393 95.6	1 0.2
Swansea LA	647	627 96.9	627 96.9	627 96.9	627 96.9	627 96.9	0 0.0	633 97.8	590 91.2	624 96.4	0 0.0
Health Board Total	1482	1434 96.8	1434 96.8	1434 96.8	1433 96.7	1434 96.8	3 0.2	1450 97.8	1343 90.6	1427 96.3	2 0.1
Aneurin Bevan University HB											
Blaenau Gwent LA	208	203 97.6	203 97.6	203 97.6	203 97.6	203 97.6	2 1.0	205 98.6	192 92.3	202 97.1	2 1.0
Caerphilly LA	563	535 95.0	535 95.0	535 95.0	535 95.0	535 95.0	0 0.0	537 95.4	521 92.5	531 94.3	0 0.0
Monmouthshire LA	181	175 96.7	175 96.7	175 96.7	175 96.7	175 96.7	1 0.6	176 97.2	163 90.1	176 97.2	0 0.0
Newport LA	477	449 94.1	449 94.1	449 94.1	449 94.1	449 94.1	1 0.2	456 95.6	420 88.1	446 93.5	0 0.0
Torfaen LA	307	296 96.4	296 96.4	296 96.4	296 96.4	296 96.4	0 0.0	299 97.4	282 91.9	296 96.4	0 0.0
Health Board Total	1736	1658 95.5	1658 95.5	1658 95.5	1658 95.5	1658 95.5	4 0.2	1673 96.4	1578 90.9	1651 95.1	2 0.1
Betsi Cadwaladr University HB											
Anglesey LA	188	179 95.2	179 95.2	179 95.2	179 95.2	179 95.2	0 0.0	183 97.3	171 91.0	179 95.2	1 0.5
Conwy LA	290	279 96.2	279 96.2	279 96.2	279 96.2	279 96.2	2 0.7	283 97.6	268 92.4	275 94.8	2 0.7
Denbighshire LA	275	265 96.4	265 96.4	265 96.4	265 96.4	265 96.4	5 1.8	270 98.2	233 84.7	263 95.6	3 1.1
Flintshire LA	390	362 92.8	362 92.8	362 92.8	362 92.8	362 92.8	1 0.3	374 95.9	346 88.7	362 92.8	2 0.5
Gwynedd LA	312	302 96.8	302 96.8	302 96.8	302 96.8	302 96.8	1 0.3	297 95.2	279 89.4	300 96.2	1 0.3
Wrexham LA	415	396 95.4	396 95.4	396 95.4	395 95.2	396 95.4	1 0.2	400 96.4	376 90.6	391 94.2	1 0.2
Health Board Total	1870	1783 95.3	1783 95.3	1783 95.3	1782 95.3	1783 95.3	10 0.5	1807 96.6	1673 89.5	1770 94.7	10 0.5
Cardiff and Vale University HB											
Cardiff LA	1175	1057 90.0	1057 90.0	1057 90.0	1057 90.0	1057 90.0	7 0.6	1101 93.7	943 80.3	1043 88.8	6 0.5
Vale of Glamorgan LA	352	333 94.6	333 94.6	333 94.6	333 94.6	333 94.6	1 0.3	338 96.0	315 89.5	327 92.9	1 0.3
Health Board Total	1527	1390 91.0	1390 91.0	1390 91.0	1390 91.0	1390 91.0	8 0.5	1439 94.2	1258 82.4	1370 89.7	7 0.5
Cwm Taf University HB											
Merthyr Tydfil LA	165	162 98.2	162 98.2	162 98.2	162 98.2	162 98.2	0 0.0	162 98.2	153 92.7	162 98.2	0 0.0
Rhondda Cynon Taff LA	726	688 94.8	688 94.8	688 94.8	688 94.8	688 94.8	0 0.0	697 96.0	682 93.9	687 94.6	0 0.0
Health Board Total	891	850 95.4	850 95.4	850 95.4	850 95.4	850 95.4	0 0.0	859 96.4	835 93.7	849 95.3	0 0.0
Hywel Dda University HB											
Carmarthenshire LA	472	447 94.7	447 94.7	447 94.7	447 94.7	447 94.7	1 0.2	454 96.2	432 91.5	449 95.1	1 0.2
Ceredigion LA	193	179 92.7	179 92.7	179 92.7	179 92.7	179 92.7	1 0.5	179 92.7	168 87.0	177 91.7	1 0.5
Pembrokeshire LA	281	258 91.8	258 91.8	258 91.8	258 91.8	258 91.8	2 0.7	269 95.7	255 90.7	259 92.2	1 0.4
Health Board Total	946	884 93.4	884 93.4	884 93.4	884 93.4	884 93.4	4 0.4	902 95.3	855 90.4	885 93.6	3 0.3
Powys Teaching HB	298	277 93.0	277 93.0	277 93.0	277 93.0	277 93.0	3 1.0	282 94.6	262 87.9	272 91.3	3 1.0
Unknown	26	24 92.3	24 92.3	24 92.3	24 92.3	24 92.3	0 0.0	24 92.3	23 88.5	24 92.3	0 0.0
Wales Total	8776	8300 94.6	8300 94.6	8300 94.6	8298 94.6	8300 94.6	32 0.4	8436 96.1	7827 89.2	8248 94.0	27 0.3

¹ Includes infants that were given early doses of MMR before their first birthday during the November 2012 – July 2013 measles outbreak in Wales.

² Uptake of a completed one dose primary course of MenC vaccination.

³ Full primary two dose course of pneumococcal conjugate vaccine.

Table 4. Vaccine uptake in children reaching their 2nd birthday between 01/07/14 and 30/09/14 and resident on 30/09/14.

Area	Resident children	D3		T3		P3		Po3		Hib3		MMR1		MenC ¹		PCV2 ²		PCVf ³		HibMenCb	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Abertawe Bro Morgannwg University HB																					
Bridgend LA	412	404	98.1	403	97.8	404	98.1	403	97.8	403	97.8	398	96.6	397	96.4	400	97.1	394	95.6	392	95.1
Neath Port Talbot LA	370	362	97.8	362	97.8	362	97.8	362	97.8	362	97.8	359	97.0	354	95.7	356	96.2	351	94.9	347	93.8
Swansea LA	736	714	97.0	714	97.0	714	97.0	713	96.9	714	97.0	712	96.7	699	95.0	702	95.4	702	95.4	698	94.8
Health Board Total	1518	1480	97.5	1479	97.4	1480	97.5	1478	97.4	1479	97.4	1469	96.8	1450	95.5	1458	96.0	1447	95.3	1437	94.7
Aneurin Bevan University HB																					
Blaenau Gwent LA	197	195	99.0	195	99.0	195	99.0	195	99.0	195	99.0	193	98.0	190	96.4	193	98.0	193	98.0	193	98.0
Caerphilly LA	545	537	98.5	537	98.5	537	98.5	537	98.5	537	98.5	521	95.6	531	97.4	534	98.0	521	95.6	519	95.2
Monmouthshire LA	234	221	94.4	221	94.4	221	94.4	221	94.4	221	94.4	220	94.0	217	92.7	218	93.2	221	94.4	220	94.0
Newport LA	473	460	97.3	460	97.3	460	97.3	460	97.3	460	97.3	453	95.8	445	94.1	449	94.9	451	95.3	445	94.1
Torfaen LA	284	277	97.5	277	97.5	277	97.5	276	97.2	277	97.5	276	97.2	276	97.2	277	97.5	274	96.5	274	96.5
Health Board Total	1733	1690	97.5	1690	97.5	1690	97.5	1689	97.5	1690	97.5	1663	96.0	1659	95.7	1671	96.4	1660	95.8	1651	95.3
Betsi Cadwaladr University HB																					
Anglesey LA	215	206	95.8	206	95.8	206	95.8	206	95.8	206	95.8	206	95.8	202	94.0	203	94.4	207	96.3	206	95.8
Conwy LA	303	297	98.0	297	98.0	297	98.0	297	98.0	297	98.0	283	93.4	290	95.7	295	97.4	283	93.4	283	93.4
Denbighshire LA	255	248	97.3	248	97.3	248	97.3	248	97.3	248	97.3	239	93.7	239	93.7	244	95.7	241	94.5	238	93.3
Flintshire LA	453	442	97.6	442	97.6	442	97.6	442	97.6	442	97.6	437	96.5	437	96.5	439	96.9	437	96.5	436	96.2
Gwynedd LA	346	332	96.0	332	96.0	332	96.0	332	96.0	332	96.0	323	93.4	326	94.2	327	94.5	323	93.4	322	93.1
Wrexham LA	454	448	98.7	448	98.7	448	98.7	448	98.7	448	98.7	438	96.5	444	97.8	445	98.0	439	96.7	435	95.8
Health Board Total	2026	1973	97.4	1973	97.4	1973	97.4	1973	97.4	1973	97.4	1926	95.1	1938	95.7	1953	96.4	1930	95.3	1920	94.8
Cardiff and Vale University HB																					
Cardiff LA	1133	1088	96.0	1088	96.0	1088	96.0	1088	96.0	1086	95.9	1056	93.2	1042	92.0	1048	92.5	1055	93.1	1045	92.2
Vale of Glamorgan LA	327	313	95.7	313	95.7	313	95.7	313	95.7	313	95.7	307	93.9	310	94.8	310	94.8	310	94.8	308	94.2
Health Board Total	1460	1401	96.0	1401	96.0	1401	96.0	1401	96.0	1399	95.8	1363	93.4	1352	92.6	1358	93.0	1365	93.5	1353	92.7
Cwm Taf University HB																					
Merthyr Tydfil LA	194	191	98.5	191	98.5	191	98.5	191	98.5	191	98.5	190	97.9	187	96.4	187	96.4	190	97.9	188	96.9
Rhondda Cynon Taff LA	749	735	98.1	735	98.1	735	98.1	735	98.1	734	98.0	714	95.3	725	96.8	724	96.7	716	95.6	714	95.3
Health Board Total	943	926	98.2	926	98.2	926	98.2	926	98.2	925	98.1	904	95.9	912	96.7	911	96.6	906	96.1	902	95.7
Hywel Dda University HB																					
Carmarthenshire LA	502	488	97.2	488	97.2	488	97.2	488	97.2	488	97.2	480	95.6	475	94.6	479	95.4	470	93.6	467	93.0
Ceredigion LA	169	167	98.8	167	98.8	167	98.8	166	98.2	166	98.2	160	94.7	163	96.4	164	97.0	162	95.9	160	94.7
Pembrokeshire LA	332	316	95.2	316	95.2	316	95.2	316	95.2	316	95.2	311	93.7	309	93.1	311	93.7	311	93.7	308	92.8
Health Board Total	1003	971	96.8	971	96.8	971	96.8	970	96.7	970	96.7	951	94.8	947	94.4	954	95.1	943	94.0	935	93.2
Powys Teaching HB	323	309	95.7	309	95.7	309	95.7	309	95.7	309	95.7	302	93.5	302	93.5	304	94.1	301	93.2	299	92.6
Unknown	19	17	89.5	17	89.5	17	89.5	17	89.5	17	89.5	16	84.2	17	89.5	17	89.5	16	84.2	16	84.2
Wales Total	9025	8767	97.1	8766	97.1	8767	97.1	8763	97.1	8762	97.1	8594	95.2	8577	95.0	8626	95.6	8568	94.9	8513	94.3

¹ Uptake of a completed two dose primary course in this age group (before June 2013 changes)

² Full primary two dose course of pneumococcal conjugate vaccine

³ Final (booster) dose of pneumococcal conjugate vaccine

Table 5. Vaccine uptake in children reaching their 4th birthday between 01/07/14 and 30/09/14 and resident on 30/09/14.

Area	Resident children (n)	4 in 1 Preschool Booster ¹		HibMenCb		MMR dose 2		Up to date in schedule ²	
		(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
<u>Abertawe Bro Morgannwg University HB</u>									
Bridgend LA	463	407	87.9	452	97.6	422	91.1	401	86.6
Neath Port Talbot LA	445	379	85.2	431	96.9	408	91.7	374	84.0
Swansea LA	713	631	88.5	680	95.4	658	92.3	615	86.3
Health Board Total	1621	1417	87.4	1563	96.4	1488	91.8	1390	85.7
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	204	169	82.8	200	98.0	174	85.3	165	80.9
Caerphilly LA	561	488	87.0	542	96.6	503	89.7	478	85.2
Monmouthshire LA	230	208	90.4	211	91.7	206	89.6	200	87.0
Newport LA	510	442	86.7	471	92.4	454	89.0	421	82.5
Torfaen LA	283	242	85.5	274	96.8	247	87.3	238	84.1
Health Board Total	1788	1549	86.6	1698	95.0	1584	88.6	1502	84.0
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	212	193	91.0	207	97.6	191	90.1	190	89.6
Conwy LA	325	282	86.8	310	95.4	279	85.8	278	85.5
Denbighshire LA	265	237	89.4	255	96.2	238	89.8	235	88.7
Flintshire LA	447	387	86.6	424	94.9	387	86.6	382	85.5
Gwynedd LA	321	286	89.1	305	95.0	280	87.2	280	87.2
Wrexham LA	451	412	91.4	431	95.6	407	90.2	400	88.7
Health Board Total	2021	1797	88.9	1932	95.6	1782	88.2	1765	87.3
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1210	1041	86.0	1131	93.5	1033	85.4	1003	82.9
Vale of Glamorgan LA	377	348	92.3	362	96.0	347	92.0	341	90.5
Health Board Total	1587	1389	87.5	1493	94.1	1380	87.0	1344	84.7
<u>Cwm Taf University HB</u>									
Merthyr Tydfil LA	183	172	94.0	174	95.1	172	94.0	166	90.7
Rhondda Cynon Taff LA	726	642	88.4	694	95.6	643	88.6	630	86.8
Health Board Total	909	814	89.5	868	95.5	815	89.7	796	87.6
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	523	440	84.1	483	92.4	452	86.4	426	81.5
Ceredigion LA	195	180	92.3	181	92.8	176	90.3	174	89.2
Pembrokeshire LA	324	284	87.7	308	95.1	282	87.0	274	84.6
Health Board Total	1042	904	86.8	972	93.3	910	87.3	874	83.9
<u>Powys Teaching HB</u>	305	274	89.8	282	92.5	276	90.5	270	88.5
Unknown	21	17	81.0	19	90.5	17	81.0	17	81.0
Wales Total	9294	8161	87.8	8827	95.0	8252	88.8	7958	85.6

¹ Uptake of acellular pertussis used as proxy

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

Table 6. Vaccine uptake in children reaching their 5th birthday between 01/07/14 and 30/09/14 and resident on 30/09/14.

Area	Resident children	D3	T3	P3	Po3	Hib3	MenC ¹	PCVf ²	HibMenCb	MMR1	MMR2	D4	T4	aP	Po4
	(n)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)	(n) (%)
Abertawe Bro Morgannwg University HB															
Bridgend LA	408	403 98.8	403 98.8	403 98.8	403 98.8	403 98.8	396 97.1	383 93.9	392 96.1	402 98.5	384 94.1	374 91.7	374 91.7	374 91.7	374 91.7
Neath Port Talbot LA	413	405 98.1	405 98.1	405 98.1	405 98.1	405 98.1	397 96.1	382 92.5	392 94.9	403 97.6	387 93.7	388 93.9	388 93.9	388 93.9	388 93.9
Swansea LA	670	651 97.2	651 97.2	651 97.2	651 97.2	650 97.0	649 96.9	631 94.2	617 92.1	627 93.6	651 97.2	636 94.9	631 94.2	631 94.2	630 94.0
Health Board Total	1491	1459 97.9	1459 97.9	1459 97.9	1458 97.8	1457 97.7	1424 95.5	1382 92.7	1411 94.6	1456 97.7	1407 94.4	1393 93.4	1393 93.4	1393 93.4	1392 93.4
Aneurin Bevan University HB															
Blaenau Gwent LA	195	189 96.9	189 96.9	189 96.9	189 96.9	189 96.9	188 96.4	181 92.8	182 93.3	190 97.4	180 92.3	182 93.3	182 93.3	182 93.3	182 93.3
Caerphilly LA	563	550 97.7	550 97.7	550 97.7	550 97.7	550 97.7	543 96.4	523 92.9	528 93.8	543 96.4	524 93.1	526 93.4	526 93.4	526 93.4	526 93.4
Monmouthshire LA	214	204 95.3	204 95.3	204 95.3	204 95.3	204 95.3	196 91.6	194 90.7	198 92.5	205 95.8	197 92.1	201 93.9	201 93.9	201 93.9	201 93.9
Newport LA	525	494 94.1	494 94.1	494 94.1	492 93.7	492 93.7	473 90.1	466 88.8	477 90.9	499 95.0	471 89.7	470 89.5	470 89.5	470 89.5	470 89.5
Torfaen LA	275	269 97.8	269 97.8	269 97.8	269 97.8	269 97.8	266 96.7	258 93.8	262 95.3	269 97.8	261 94.9	261 94.9	261 94.9	261 94.9	261 94.9
Health Board Total	1772	1706 96.3	1706 96.3	1706 96.3	1704 96.2	1704 96.2	1666 94.0	1622 91.5	1647 92.9	1706 96.3	1633 92.2	1640 92.6	1640 92.6	1640 92.6	1640 92.6
Betsi Cadwaladr University HB															
Anglesey LA	175	172 98.3	172 98.3	172 98.3	172 98.3	172 98.3	169 96.6	164 93.7	171 97.7	172 98.3	166 94.9	166 94.9	166 94.9	166 94.9	166 94.9
Conwy LA	303	297 98.0	297 98.0	297 98.0	297 98.0	297 98.0	287 94.7	276 91.1	285 94.1	294 97.0	280 92.4	281 92.7	281 92.7	281 92.7	281 92.7
Denbighshire LA	262	247 94.3	247 94.3	247 94.3	247 94.3	247 94.3	245 93.5	241 92.0	241 92.0	246 93.9	240 91.6	243 92.7	243 92.7	243 92.7	243 92.7
Flintshire LA	475	457 96.2	457 96.2	457 96.2	457 96.2	457 96.2	448 94.3	440 92.6	446 93.9	456 96.0	444 93.5	449 94.5	449 94.5	449 94.5	449 94.5
Gwynedd LA	348	330 94.8	330 94.8	330 94.8	330 94.8	330 94.8	311 89.4	316 90.8	319 91.7	331 95.1	319 91.7	321 92.2	321 92.2	321 92.2	321 92.2
Wrexham LA	467	454 97.2	454 97.2	454 97.2	453 97.0	452 96.8	440 94.2	434 92.9	436 93.4	453 97.0	444 95.1	444 95.1	444 95.1	444 95.1	444 95.1
Health Board Total	2030	1957 96.4	1957 96.4	1957 96.4	1956 96.4	1954 96.3	1900 93.6	1871 92.2	1898 93.5	1952 96.2	1893 93.3	1904 93.8	1904 93.8	1904 93.8	1904 93.8
Cardiff and Vale University HB															
Cardiff LA	1150	1102 95.8	1102 95.8	1102 95.8	1098 95.5	1093 95.0	1046 91.0	1030 89.6	1054 91.7	1101 95.7	1039 90.3	1047 91.0	1047 91.0	1047 91.0	1047 91.0
Vale of Glamorgan LA	398	388 97.5	388 97.5	388 97.5	388 97.5	388 97.5	378 95.0	379 95.2	380 95.5	390 98.0	379 95.2	377 94.7	377 94.7	377 94.7	377 94.7
Health Board Total	1548	1490 96.3	1490 96.3	1490 96.3	1486 96.0	1481 95.7	1424 92.0	1409 91.0	1434 92.6	1491 96.3	1418 91.6	1424 92.0	1424 92.0	1424 92.0	1424 92.0
Cwm Taf University HB															
Merthyr Tydfil LA	190	184 96.8	184 96.8	184 96.8	184 96.8	183 96.3	182 95.8	176 92.6	180 94.7	184 96.8	174 91.6	179 94.2	179 94.2	179 94.2	179 94.2
Rhondda Cynon Taff LA	682	665 97.5	665 97.5	665 97.5	665 97.5	665 97.5	649 95.2	642 94.1	646 94.7	667 97.8	638 93.5	646 94.7	646 94.7	646 94.7	646 94.7
Health Board Total	872	849 97.4	849 97.4	849 97.4	849 97.4	848 97.2	831 95.3	818 93.8	826 94.7	851 97.6	812 93.1	825 94.6	825 94.6	825 94.6	825 94.6
Hywel Dda University HB															
Carmarthenshire LA	521	500 96.0	500 96.0	500 96.0	499 95.8	499 95.8	487 93.5	481 92.3	483 92.7	503 96.5	489 93.9	488 93.7	488 93.7	488 93.7	488 93.7
Ceredigion LA	164	148 90.2	148 90.2	148 90.2	148 90.2	148 90.2	141 86.0	142 86.6	144 87.8	148 90.2	146 89.0	146 89.0	146 89.0	146 89.0	146 89.0
Pembrokeshire LA	328	300 91.5	300 91.5	300 91.5	299 91.2	299 91.2	291 88.7	279 85.1	290 88.4	300 91.5	286 87.2	289 88.1	289 88.1	289 88.1	289 88.1
Health Board Total	1013	948 93.6	948 93.6	948 93.6	946 93.4	946 93.4	919 90.7	902 89.0	917 90.5	951 93.9	921 90.9	923 91.1	923 91.1	923 91.1	923 91.1
Powys Teaching HB	349	336 96.3	336 96.3	336 96.3	333 95.4	334 95.7	325 93.1	320 91.7	324 92.8	333 95.4	316 90.5	320 91.7	320 91.7	320 91.7	320 91.7
Unknown	20	19 95.0	19 95.0	19 95.0	19 95.0	19 95.0	19 95.0	18 90.0	18 90.0	19 95.0	19 95.0	19 95.0	19 95.0	19 95.0	19 95.0
Wales Total	9095	8764 96.4	8764 96.4	8764 96.4	8751 96.2	8743 96.1	8507 93.5	8342 91.7	8475 93.2	8759 96.3	8419 92.6	8448 92.9	8448 92.9	8447 92.9	8447 92.9

¹ Completed three dose course, or two doses with the second delivered after 115 days of age

² Final (booster) dose of pneumococcal conjugate vaccine

Table 7. Uptake of HPV vaccine in girls reaching 13 and 14 years of age between 01/09/13 and 31/08/14 and resident on 30/09/14.

Area	13 years (2013-14 School Year 8) ¹							14 years (2013-14 School Year 9)						
	Resident girls (n)	HPV 1 dose (n) (%)	HPV 2 doses (n) (%)	HPV 3 doses (n) (%)	Resident girls (n)	HPV 1 dose (n) (%)	HPV 2 doses (n) (%)	HPV 3 doses (n) (%)						
Abertawe Bro Morgannwg University HB														
Bridgend LA	847	770 90.9	748 88.3	682 80.5	763	714 93.6	709 92.9	697 91.3						
Neath Port Talbot LA	722	654 90.6	623 86.3	508 70.4	691	634 91.8	627 90.7	615 89.0						
Swansea LA	1280	1161 90.7	1128 88.1	1029 80.4	1243	1131 91.0	1123 90.3	1094 88.0						
Health Board Total	2849	2585 90.7	2499 87.7	2219 77.9	2697	2479 91.9	2459 91.2	2406 89.2						
Aneurin Bevan University HB														
Blaenau Gwent LA	362	342 94.5	330 91.2	305 84.3	387	358 92.5	350 90.4	339 87.6						
Caerphilly LA	952	879 92.3	861 90.4	763 80.1	975	867 88.9	862 88.4	839 86.1						
Monmouthshire LA	496	371 74.8	363 73.2	343 69.2	562	435 77.4	426 75.8	420 74.7						
Newport LA	847	715 84.4	688 81.2	653 77.1	880	775 88.1	764 86.8	742 84.3						
Torfaen LA	514	479 93.2	463 90.1	427 83.1	484	434 89.7	429 88.6	412 85.1						
Health Board Total	3171	2786 87.9	2705 85.3	2491 78.6	3288	2869 87.3	2831 86.1	2752 83.7						
Betsi Cadwaladr University HB														
Anglesey LA	356	317 89.0	312 87.6	283 79.5	352	316 89.8	313 88.9	305 86.6						
Conwy LA	607	551 90.8	545 89.8	503 82.9	618	552 89.3	552 89.3	546 88.3						
Denbighshire LA	539	473 87.8	473 87.8	451 83.7	505	444 87.9	440 87.1	431 85.3						
Flintshire LA	807	738 91.4	733 90.8	703 87.1	819	747 91.2	738 90.1	720 87.9						
Gwynedd LA	608	538 88.5	534 87.8	518 85.2	624	542 86.9	539 86.4	538 86.2						
Wrexham LA	722	629 87.1	621 86.0	601 83.2	740	619 83.6	615 83.1	609 82.3						
Health Board Total	3639	3246 89.2	3218 88.4	3059 84.1	3658	3220 88.0	3197 87.4	3149 86.1						
Cardiff and Vale University HB														
Cardiff LA	1736	1480 85.3	1432 82.5	1145 66.0	1798	1592 88.5	1571 87.4	1448 80.5						
Vale of Glamorgan LA	652	576 88.3	559 85.7	464 71.2	706	650 92.1	653 92.5	617 87.4						
Health Board Total	2388	2056 86.1	1991 83.4	1609 67.4	2504	2242 89.5	2224 88.8	2065 82.5						
Cwm Taf University HB														
Merthyr Tydfil LA	296	275 92.9	273 92.2	269 90.9	333	297 89.2	295 88.6	302 90.7						
Rhondda Cynon Taff LA	1255	1169 93.1	1152 91.8	1110 88.4	1292	1214 94.0	1208 93.5	1176 91.0						
Health Board Total	1551	1444 93.1	1425 91.9	1379 88.9	1625	1511 93.0	1503 92.5	1478 91.0						
Hywel Dda University HB														
Carmarthenshire LA	935	867 92.7	857 91.7	835 89.3	900	796 88.4	792 88.0	786 87.3						
Ceredigion LA	302	254 84.1	253 83.8	250 82.8	332	271 81.6	268 80.7	266 80.1						
Pembrokeshire LA	569	486 85.4	481 84.5	463 81.4	638	554 86.8	550 86.2	536 84.0						
Health Board Total	1806	1607 89.0	1591 88.1	1548 85.7	1870	1621 86.7	1610 86.1	1588 84.9						
Powys Teaching HB	606	503 83.0	493 81.4	470 77.6	648	530 81.8	519 80.1	507 78.2						
Unknown	89	59 66.3	59 66.3	56 62.9	76	62 81.6	61 80.3	59 77.6						
Wales Total	16099	14286 88.7	13981 86.8	12831 79.7	16366	14534 88.8	14404 88.0	14004 85.6						

¹ Current campaign, data entry for immunisation sessions may still be underway.

Table 8. MMR and Td/IPV vaccine uptake in children reaching their 15th birthday between 01/07/14 and 30/09/14 and resident on 30/09/14 (with breakdown of MMR1 and MMR2 coverage by sex).

Area	Resident children		MMR1		MMR2		Teenage 3 in 1 booster ¹		Resident girls		MMR1 (girls)		MMR2 (girls)		Resident boys		MMR1 (boys)		MMR2 (boys)	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)	(n)	(n)	(n)	(%)	(n)	(%)	
<u>Abertawe Bro Morgannwg University HB</u>																				
Bridgend LA	424	414	97.6	400	94.3	326	76.9	202	197	97.5	192	95.0	222	217	97.7	208	93.7			
Neath Port Talbot LA	389	376	96.7	345	88.7	306	78.7	179	174	97.2	160	89.4	210	202	96.2	185	88.1			
Swansea LA	656	629	95.9	586	89.3	559	85.2	304	292	96.1	270	88.8	352	337	95.7	316	89.8			
Health Board Total	1469	1419	96.6	1331	90.6	1191	81.1	685	663	96.8	622	90.8	784	756	96.4	709	90.4			
<u>Aneurin Bevan University HB</u>																				
Blaenau Gwent LA	227	218	96.0	209	92.1	110	48.5	114	109	95.6	106	93.0	113	109	96.5	103	91.2			
Caerphilly LA	582	574	98.6	543	93.3	330	56.7	277	270	97.5	261	94.2	305	304	99.7	282	92.5			
Monmouthshire LA	272	240	88.2	229	84.2	125	46.0	138	127	92.0	122	88.4	133	113	85.0	107	80.5			
Newport LA	497	456	91.8	418	84.1	267	53.7	240	225	93.8	206	85.8	257	231	89.9	212	82.5			
Torfaen LA	272	269	98.9	256	94.1	149	54.8	138	137	99.3	132	95.7	134	132	98.5	124	92.5			
Health Board Total	1850	1757	95.0	1655	89.5	981	53.0	907	868	95.7	827	91.2	942	889	94.4	828	87.9			
<u>Betsi Cadwaladr University HB</u>																				
Anglesey LA	196	186	94.9	178	90.8	154	78.6	106	98	92.5	95	89.6	90	88	97.8	83	92.2			
Conwy LA	327	308	94.2	291	89.0	275	84.1	161	151	93.8	140	87.0	166	157	94.6	151	91.0			
Denbighshire LA	277	260	93.9	241	87.0	226	81.6	126	118	93.7	111	88.1	151	142	94.0	130	86.1			
Flintshire LA	407	392	96.3	374	91.9	344	84.5	195	188	96.4	176	90.3	212	204	96.2	198	93.4			
Gwynedd LA	333	316	94.9	305	91.6	275	82.6	164	154	93.9	150	91.5	169	162	95.9	155	91.7			
Wrexham LA	395	388	98.2	376	95.2	305	77.2	192	192	100.0	185	96.4	203	196	96.6	191	94.1			
Health Board Total	1935	1850	95.6	1765	91.2	1579	81.6	944	901	95.4	857	90.8	991	949	95.8	908	91.6			
<u>Cardiff and Vale University HB</u>																				
Cardiff LA	936	883	94.3	812	86.8	704	75.2	486	463	95.3	423	87.0	450	420	93.3	389	86.4			
Vale of Glamorgan LA	380	366	96.3	351	92.4	312	82.1	177	169	95.5	160	90.4	203	197	97.0	191	94.1			
Health Board Total	1316	1249	94.9	1163	88.4	1016	77.2	663	632	95.3	583	87.9	653	617	94.5	580	88.8			
<u>Cwm Taf University HB</u>																				
Merthyr Tydfil LA	195	184	94.4	165	84.6	178	91.3	89	86	96.6	76	85.4	106	98	92.5	89	84.0			
Rhondda Cynon Taff LA	681	659	96.8	621	91.2	581	85.3	355	345	97.2	321	90.4	326	314	96.3	300	92.0			
Health Board Total	876	843	96.2	786	89.7	759	86.6	444	431	97.1	397	89.4	432	412	95.4	389	90.0			
<u>Hywel Dda University HB</u>																				
Carmarthenshire LA	485	455	93.8	418	86.2	386	79.6	223	217	97.3	204	91.5	262	238	90.8	214	81.7			
Ceredigion LA	163	156	95.7	149	91.4	137	84.0	86	81	94.2	76	88.4	77	75	97.4	73	94.8			
Pembrokeshire LA	352	326	92.6	314	89.2	271	77.0	165	151	91.5	146	88.5	187	175	93.6	168	89.8			
Health Board Total	1000	937	93.7	881	88.1	794	79.4	474	449	94.7	426	89.9	526	488	92.8	455	86.5			
<u>Powys Teaching HB</u>	371	336	90.6	316	85.2	262	70.6	168	154	91.7	143	85.1	202	182	90.1	173	85.6			
Unknown	51	45	88.2	43	84.3	28	54.9	26	22	84.6	21	80.8	25	23	92.0	22	88.0			
Wales Total	8868	8436	95.1	7940	89.5	6610	74.5	4311	4120	95.6	3876	89.9	4555	4316	94.8	4064	89.2			

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

Table 9. MMR and Td/IPV vaccine uptake in children reaching their 16th birthday between 01/07/14 and 30/09/14 and resident on 30/09/14 (with breakdown of MMR1 and MMR2 coverage by sex).

Area	Resident children		Teenage 3 in 1 booster ¹					Resident girls		MMR1 (girls)		MMR2 (girls)		Resident boys		MMR1 (boys)		MMR2 (boys)	
	(n)	(n) (%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n) (%)	(n)	(%)	(n)	(n) (%)	(n)	(n) (%)	(n)	(%)	
Abertawe Bro Morgannwg University HB	(n)	(n) (%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n) (%)	(n)	(%)	(n)	(n) (%)	(n)	(n) (%)	(n)	(%)	
Bridgend LA	436	420 96.3	408	93.6	348	79.8	212	206 97.2	201	94.8	223	214 96.0	207	92.8					
Neath Port Talbot LA	439	431 98.2	404	92.0	365	83.1	212	207 97.6	196	92.5	227	224 98.7	208	91.6					
Swansea LA	671	643 95.8	598	89.1	579	86.3	324	313 96.6	291	89.8	347	330 95.1	307	88.5					
Health Board Total	1546	1494 96.6	1410	91.2	1292	83.6	748	726 97.1	688	92.0	797	768 96.4	722	90.6					
Aneurin Bevan University HB																			
Blaenau Gwent LA	187	186 99.5	172	92.0	146	78.1	94	93 98.9	86	91.5	93	93 100.0	86	92.5					
Caerphilly LA	564	540 95.7	500	88.7	448	79.4	274	267 97.4	248	90.5	290	273 94.1	252	86.9					
Monmouthshire LA	293	252 86.0	229	78.2	221	75.4	135	120 88.9	108	80.0	158	132 83.5	121	76.6					
Newport LA	563	524 93.1	487	86.5	416	73.9	274	257 93.8	238	86.9	288	267 92.7	249	86.5					
Torfaen LA	303	293 96.7	280	92.4	249	82.2	152	147 96.7	139	91.4	151	146 96.7	141	93.4					
Health Board Total	1910	1795 94.0	1668	87.3	1480	77.5	929	884 95.2	819	88.2	980	911 93.0	849	86.6					
Betsi Cadwaladr University HB																			
Anglesey LA	182	178 97.8	172	94.5	154	84.6	97	96 99.0	92	94.8	85	82 96.5	80	94.1					
Conwy LA	367	353 96.2	344	93.7	323	88.0	193	189 97.9	184	95.3	174	164 94.3	160	92.0					
Denbighshire LA	312	302 96.8	277	88.8	270	86.5	168	163 97.0	147	87.5	144	139 96.5	130	90.3					
Flintshire LA	499	485 97.2	461	92.4	425	85.2	239	230 96.2	218	91.2	260	255 98.1	243	93.5					
Gwynedd LA	314	298 94.9	283	90.1	270	86.0	161	157 97.5	150	93.2	153	141 92.2	133	86.9					
Wrexham LA	388	378 97.4	362	93.3	318	82.0	176	170 96.6	164	93.2	212	208 98.1	198	93.4					
Health Board Total	2062	1994 96.7	1899	92.1	1760	85.4	1034	1005 97.2	955	92.4	1028	989 96.2	944	91.8					
Cardiff and Vale University HB																			
Cardiff LA	988	935 94.6	862	87.2	765	77.4	495	463 93.5	428	86.5	493	472 95.7	434	88.0					
Vale of Glamorgan LA	391	377 96.4	353	90.3	329	84.1	188	182 96.8	169	89.9	203	195 96.1	184	90.6					
Health Board Total	1379	1312 95.1	1215	88.1	1094	79.3	683	645 94.4	597	87.4	696	667 95.8	618	88.8					
Cwm Taf University HB																			
Merthyr Tydfil LA	189	179 94.7	170	89.9	165	87.3	103	99 96.1	95	92.2	86	80 93.0	75	87.2					
Rhondda Cynon Taf LA	757	733 96.8	699	92.3	646	85.3	379	367 96.8	351	92.6	378	366 96.8	348	92.1					
Health Board Total	946	912 96.4	869	91.9	811	85.7	482	466 96.7	446	92.5	464	446 96.1	423	91.2					
Hywel Dda University HB																			
Carmarthenshire LA	509	483 94.9	449	88.2	407	80.0	252	245 97.2	229	90.9	257	238 92.6	220	85.6					
Ceredigion LA	204	192 94.1	179	87.7	170	83.3	91	86 94.5	82	90.1	113	106 93.8	97	85.8					
Pembrokeshire LA	369	331 89.7	311	84.3	265	71.8	182	163 89.6	151	83.0	187	168 89.8	160	85.6					
Health Board Total	1082	1006 93.0	939	86.8	842	77.8	525	494 94.1	462	88.0	557	512 91.9	477	85.6					
Powys Teaching HB	408	366 89.7	342	83.8	277	67.9	198	184 92.9	176	88.9	210	182 86.7	166	79.0					
Unknown	49	41 83.7	37	75.5	32	65.3	24	17 70.8	14	58.3	25	24 96.0	23	92.0					
Wales Total	9382	8920 95.1	8379	89.3	7588	80.9	4623	4421 95.6	4157	89.9	4757	4499 94.6	4222	88.8					

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

Table 10. Uptake of HPV vaccine in girls reaching appropriate birthdays between 01/09/13 and 31/08/14 and resident in Wales on 30/09/14.

Area	15 years							16 years							17 years						
	Resident girls	1 dose	2 doses	3 doses	Resident girls	1 dose	2 doses	3 doses	Resident girls	1 dose	2 doses	3 doses	Resident girls	1 dose	2 doses	3 doses					
	(n)	(n) (%)	(n) (%)	(n) (%)	(n)	(n) (%)	(n) (%)	(n) (%)	(n)	(n) (%)	(n) (%)	(n) (%)	(n)	(n) (%)	(n) (%)	(n) (%)					
ABM UHB																					
Bridgend LA	808	729 90.2	726 89.9	720 89.1	847	778 91.9	774 91.4	762 90.0	886	806 91.0	800 90.3	792 89.4									
Neath Port Talbot LA	757	673 88.9	665 87.8	662 87.5	827	760 91.9	755 91.3	742 89.7	859	747 87.0	735 85.6	722 84.1									
Swansea LA	1196	1077 90.1	1070 89.5	1053 88.0	1289	1161 90.1	1146 88.9	1130 87.7	1302	1118 85.9	1107 85.0	1086 83.4									
Health Board Total	2761	2479 89.8	2461 89.1	2435 88.2	2963	2699 91.1	2675 90.3	2634 88.9	3047	2671 87.7	2642 86.7	2600 85.3									
Aneurin Bevan UHB																					
Blaenau Gwent LA	397	365 91.9	366 92.2	358 90.2	420	375 89.3	370 88.1	366 87.1	407	376 92.4	373 91.6	367 90.2									
Caerphilly LA	1061	962 90.7	954 89.9	948 89.3	1074	972 90.5	958 89.2	940 87.5	1146	1003 87.5	992 86.6	974 85.0									
Monmouthshire LA	536	409 76.3	406 75.7	399 74.4	526	392 74.5	386 73.4	381 72.4	626	464 74.1	455 72.7	445 71.1									
Newport LA	956	811 84.8	800 83.7	784 82.0	1014	859 84.7	848 83.6	838 82.6	966	797 82.5	793 82.1	781 80.8									
Torfaen LA	549	504 91.8	502 91.4	490 89.3	581	525 90.4	525 90.4	521 89.7	621	559 90.0	558 89.9	552 88.9									
Health Board Total	3499	3051 87.2	3028 86.5	2979 85.1	3615	3123 86.4	3087 85.4	3046 84.3	3766	3199 84.9	3171 84.2	3119 82.8									
Betsi Cadwaladr UHB																					
Anglesey LA	365	328 89.9	325 89.0	313 85.8	367	343 93.5	341 92.9	339 92.4	409	347 84.8	343 83.9	336 82.2									
Conwy LA	644	569 88.4	565 87.7	559 86.8	644	597 92.7	596 92.5	584 90.7	667	594 89.1	588 88.2	579 86.8									
Denbighshire LA	569	501 88.0	499 87.7	496 87.2	547	503 92.0	497 90.9	490 89.6	590	516 87.5	513 86.9	506 85.8									
Flintshire LA	793	728 91.8	722 91.0	713 89.9	851	784 92.1	778 91.4	768 90.2	899	807 89.8	803 89.3	798 88.8									
Gwynedd LA	659	574 87.1	567 86.0	560 85.0	624	552 88.5	549 88.0	545 87.3	690	588 85.2	584 84.6	576 83.5									
Wrexham LA	710	640 90.1	640 90.1	638 89.9	754	645 85.5	642 85.1	639 84.7	697	585 83.9	581 83.4	580 83.2									
Health Board Total	3740	3340 89.3	3318 88.7	3279 87.7	3787	3424 90.4	3403 89.9	3365 88.9	3952	3437 87.0	3412 86.3	3375 85.4									
Cardiff & Vale UHB																					
Cardiff LA	1861	1650 88.7	1615 86.8	1519 81.6	1918	1661 86.6	1629 84.9	1554 81.0	1893	1588 83.9	1534 81.0	1479 78.1									
Vale of Glamorgan LA	723	673 93.1	670 92.7	646 89.3	787	699 88.8	687 87.3	650 82.6	887	746 84.1	723 81.5	695 78.4									
Health Board Total	2584	2323 89.9	2285 88.4	2165 83.8	2705	2360 87.2	2316 85.6	2204 81.5	2780	2334 84.0	2257 81.2	2174 78.2									
Cwm Taf UHB																					
Merthyr Tydfil LA	321	294 91.6	295 91.9	292 91.0	355	314 88.5	312 87.9	310 87.3	393	354 90.1	353 89.8	336 85.5									
Rhondda Cynon Taff LA	1365	1282 93.9	1278 93.6	1259 92.2	1381	1287 93.2	1266 91.7	1239 89.7	1433	1308 91.3	1296 90.4	1282 89.5									
Health Board Total	1686	1576 93.5	1573 93.3	1551 92.0	1736	1601 92.2	1578 90.9	1549 89.2	1826	1662 91.0	1649 90.3	1618 88.6									
Hywel Dda UHB																					
Cardiff LA	962	870 90.4	867 90.1	858 89.2	973	862 88.6	860 88.4	850 87.4	1048	881 84.1	864 82.4	859 82.0									
Ceredigion LA	327	274 83.8	270 82.6	269 82.3	362	305 84.3	303 83.7	295 81.5	363	287 79.1	285 78.5	282 77.7									
Pembrokeshire LA	681	585 85.9	576 84.6	551 80.9	683	575 84.2	571 83.6	558 81.7	698	580 83.1	571 81.8	555 79.5									
Health Board Total	1970	1729 87.8	1713 87.0	1678 85.2	2018	1742 86.3	1734 85.9	1703 84.4	2109	1748 82.9	1720 81.6	1696 80.4									
Powys Teaching LHB	728	613 84.2	605 83.1	598 82.1	704	594 84.4	589 83.7	578 82.1	746	608 81.5	605 81.1	596 79.9									
Unknown	85	59 69.4	59 69.4	59 69.4	99	67 67.7	64 64.6	63 63.6	127	77 60.6	76 59.8	72 56.7									
Wales Total	17053	15170 89.0	15042 88.2	14744 86.5	17627	15610 88.6	15446 87.6	15142 85.9	18353	15736 85.7	15532 84.6	15250 83.1									

Table 11. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/07/14 and 30/09/14 and resident on 30/09/14.

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	(%)
Abertawe Bro Morgannwg University HB	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
Bridgend LA	424	23	5.4	412	17	4.1	408	8	2.0	436	6	1.4
Neath Port Talbot LA	411	9	2.2	370	11	3.0	413	13	3.1	439	8	1.8
Swansea LA	647	61	9.4	736	73	9.9	670	71	10.6	671	29	4.3
Health Board Total	1482	93	6.3	1518	101	6.7	1491	92	6.2	1546	43	2.8
Aneurin Bevan University HB												
Blaenau Gwent LA	208	3	1.4	197	7	3.6	195	7	3.6	187	0	0.0
Caerphilly LA	563	10	1.8	545	11	2.0	563	12	2.1	564	5	0.9
Monmouthshire LA	181	6	3.3	234	8	3.4	214	9	4.2	293	5	1.7
Newport LA	477	56	11.7	473	70	14.8	525	82	15.6	563	29	5.2
Torfaen LA	307	4	1.3	284	8	2.8	275	6	2.2	303	3	1.0
Health Board Total	1736	79	4.6	1733	104	6.0	1772	116	6.5	1910	42	2.2
Betsi Cadwaladr University HB												
Anglesey LA	188	4	2.1	215	6	2.8	175	7	4.0	182	2	1.1
Conwy LA	290	12	4.1	303	12	4.0	303	8	2.6	367	10	2.7
Denbighshire LA	275	14	5.1	255	9	3.5	262	10	3.8	312	12	3.8
Flintshire LA	390	10	2.6	453	13	2.9	475	22	4.6	499	13	2.6
Gwynedd LA	312	6	1.9	346	11	3.2	348	11	3.2	314	4	1.3
Wrexham LA	415	24	5.8	454	35	7.7	467	40	8.6	388	11	2.8
Health Board Total	1870	70	3.7	2026	86	4.2	2030	98	4.8	2062	52	2.5
Cardiff and Vale University HB												
Cardiff LA	1175	107	9.1	1133	224	19.8	1150	246	21.4	988	116	11.7
Vale of Glamorgan LA	352	4	1.1	327	13	4.0	398	21	5.3	391	6	1.5
Health Board Total	1527	111	7.3	1460	237	16.2	1548	267	17.2	1379	122	8.8
Cwm Taf Univeristy HB												
Merthyr Tydfil LA	165	11	6.7	194	18	9.3	190	12	6.3	189	3	1.6
Rhondda Cynon Taff LA	726	19	2.6	749	26	3.5	682	22	3.2	757	11	1.5
Health Board Total	891	30	3.4	943	44	4.7	872	34	3.9	946	14	1.5
Hywel Dda University HB												
Cardiganshire LA	472	9	1.9	502	12	2.4	521	27	5.2	509	39	7.7
Ceredigion LA	193	11	5.7	169	9	5.3	164	8	4.9	204	4	2.0
Pembrokeshire LA	281	5	1.8	332	5	1.5	328	9	2.7	369	2	0.5
Health Board Total	946	25	2.6	1003	26	2.6	1013	44	4.3	1082	45	4.2
Powys Teaching Health Board	298	4	1.3	323	4	1.2	349	13	3.7	408	7	1.7
Unknown	26	0	0.0	19	1	5.3	20	1	5.0	49	2	4.1
Wales Total	8776	412	4.7	9025	603	6.7	9095	665	7.3	9382	327	3.5

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 12. Uptake of hepatitis B immunisation in children born to hepatitis B positive mothers, reaching their 1st, 2nd and 5th birthdays during 01/07/14 and 30/09/14 and resident on 30/09/14.

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)	(%)	(%)	(%)	(%)
Abertawe Bro Morgannwg UHB	1482	2	100.0	100.0	100.0	1518	2	100.0	100.0	100.0	100.0	1491	4	100.0	100.0	100.0	100.0
Aneurin Bevan UHB	1736	5	100.0	100.0	100.0	1733	4	100.0	100.0	100.0	100.0	1772	2	100.0	100.0	100.0	100.0
Betsi Cadwaladr UHB	1870	3	100.0	100.0	100.0	2026	4	100.0	100.0	100.0	100.0	2030	4	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1527	7	100.0	100.0	100.0	1460	7	100.0	100.0	100.0	85.7	1548	9	100.0	100.0	100.0	88.9
Cwm Taf UHB	891	0	-	-	-	943	0	-	-	-	-	872	0	-	-	-	-
Hywel Dda UHB	946	0	-	-	-	1003	1	100.0	100.0	100.0	100.0	1013	1	100.0	100.0	100.0	100.0
Powys Teaching HB	298	0	-	-	-	323	0	-	-	-	-	349	0	-	-	-	-
Unknown	26	0	-	-	-	19	0	-	-	-	-	20	0	-	-	-	-
Wales Total	8776	17	100.0	100.0	100.0	9025	18	100.0	100.0	100.0	94.4	9095	20	100.0	100.0	100.0	95.0

Data reflects immunisations given and recorded on the Public Health Wales All Wales Neonatal Hepatitis B database of babies born to hepatitis B positive mothers.