

Vaccine Uptake in Children in Wales October to December 2014

COVER 113: Wales March 2015



Key points

- For children at one year of age, uptake of the “5 in 1” vaccine and pneumococcal vaccine both reached 95% this quarter. Uptake of the “5 in 1” vaccine exceeded 95% in thirteen Local Authority (LA) areas.
- Uptake of two doses of rotavirus vaccine slightly increased to 90%. 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 just below 95% this quarter. Eleven LA areas and four Health Boards achieved an uptake of 95%.
- Eighty-five per cent 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 remained stable at 93%.
- Uptake of the “4 in 1” pre-school booster in five year old children slightly increased to 94% this quarter from 93% last quarter.
- Uptake of the first dose of Human Papillomavirus (HPV) vaccine in girls in the 2014-15 School Year 8 was 57% but varied by Health Board. Coverage of a complete three dose course in girls in the 2013-14 School Year 8 was 82.7%.
- Coverage of one dose of MMR vaccine in 16 year olds increased to 96% this quarter and coverage of a completed two dose course increased to 91%.
- Coverage of the Td/IPV teenage booster in 16 year olds increased to 82% this quarter.

These results are for children living in Wales in December 2014 and reaching their first, second, fourth, fifth, 15th and 16th birthdays during the quarter 01/10/2014 to 31/12/2014. Uptake of HPV vaccination¹ in girls in the 2014-15 School Year 8 (reaching their 13th birthday between 01/09/2014 and 31/08/2015) 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.

In the previous COVER report ([COVER report 112](#)), a small, but unexpected decrease in uptake of all immunisations in children at one and two years of age was noted. Public Health Wales, in cooperation with the NHS Wales Informatics Service and the Health Boards, is currently conducting an audit of the data which is used to calculate uptake figures reported in this report. The audit aims to ascertain whether current uptakes reported here are an accurate reflection of local data held in Health Board Child Health Databases. Findings of the audit will be summarised in the COVER report in due course.

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

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 95.1%, compared to 94.6% last quarter. Uptake ranged by Health Board from 91.9% to 97.7% and by Local Authority (LA) from 91.7% (Cardiff) to 98.4% (Blaenau Gwent). Thirteen of the 22 LA areas achieved the target 95% uptake (Figures 2 and 4, Tables 2 and 3).
2. National uptake of a completed one dose course of MenC³ vaccine in children reaching their first birthday this quarter was 96.2% compared to 96.1% last quarter. Uptake in Health Boards ranged from 93.7% to 98.3% and ranged by LA from 93.2% (Monmouthshire) to 100% (Blaenau Gwent). Sixteen 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 95.0% this quarter (compared to 94.0% last quarter), ranging by LA from 91.1% (Cardiff) to 100% (Blaenau Gwent). Thirteen 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 was 90.2%, increasing from 89.2% last quarter. Uptake in Health Boards ranged from 84.5% to 96.3% and ranged by LA from 83.8% (Cardiff) to 97.8% (Merthyr Tydfil) (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 94.6% this quarter, compared to 95.2% last quarter, and ranged by LA from 91.2% (Cardiff) to 98.4% (Merthyr Tydfil) (Figures 1, 2 and 5, Tables 2 and 4). Eleven 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 94.6% this quarter, compared to 94.9% last quarter. Uptake by LA ranged from 90.9% (Cardiff) to 98.4% (Merthyr Tydfil) (Tables 2, 4). Eleven 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 94.2%, compared to 94.3% last quarter, and ranged by LA from 90.1% (Cardiff) to 98.4% (Merthyr Tydfil) (Tables 2, 4). Ten 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 87.4%, coverage of the Hib/MenC booster was 94.8% 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 84.8% this quarter from 85.6% last quarter (Table 1). This ranged by HB from 81.3% (Cardiff & Vale UHB) to 88.2% (Betsi Cadwaladr HB) and by LA from 77.9% (Newport) to 91.3% (Gwynedd) (Figure 3, Table 1).
9. In children reaching five years of age this quarter, coverage of one dose of MMR increased to 97.0% from 96.3% last quarter. Uptake of two doses of MMR increased slightly to 93.0% from 92.6% last quarter (Table 6). Uptake of two doses of MMR ranged by Health Board from 91.9% (Cardiff & Vale University HB) to 94.4% (Betsi Cadwaladr University HB) and

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

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.

by LA from 90.7% (Monmouthshire) to 96.8% (Denbighshire and Merthyr Tydfil) (Figures 1, and 2, Tables 2 and 6). Four 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 increased to 93.5% this quarter from 92.9% last quarter, ranging by Health Board from 92.4% (Hywel Dda University HB) to 94.9% (Betsi Cadwaladr University HB and Cwm Taf University HB) and by LA from 91.0% (Carmarthenshire) to 98.7% (Merthyr Tydfil) (Tables 2, 6). Six LA's achieved the 95% uptake target (Figure 7).
11. Coverage of a two dose primary course of MenC in children reaching their fifth birthday this quarter was 94.7%, increasing from 93.5% last quarter. Coverage ranged by Health Board from 93.0% (Cardiff & Vale University HB) to 97.3% (Cwm Taf University HB) and by LA from 89.8% (Monmouthshire) to 99.4% (Merthyr Tydfil) (Table 6).
12. Since September 2014, the HPV vaccination programme changed for School Year 8 girls from a three dose to a two dose schedule following a Joint Committee on Vaccination and Immunisation recommendation. In the revised schedule, the first dose of HPV should be given to girls during School Year 8 with Welsh Government recommending a gap of 12 months before the second dose of HPV is received. Further information on the changes to the HPV vaccination programme can be found within the [CMO\(2014\)13](#) letter. Uptake of the first dose of HPV vaccine in girls in the 2014-15 School Year 8 was 57.3% (Table 7). Data entry and some vaccination sessions may not have been complete when data for this report were extracted and therefore, uptake for the first dose is expected to increase. Immunisation sessions for the second dose should not have started yet and uptake of the second dose of HPV will be reported later in 2015. Coverage of HPV vaccination in the 2013-14 School Year 8 group (girls turning 14 years of age during 01/09/14 to 31/08/2015) was at 90.0%, 88.1% and 82.7% for one, two and three doses respectively (Table 7). This represents the last School Year 8 Group that is offered the three dose HPV schedule.
13. Coverage of two doses of MMR in children reaching 16 years of age this quarter was 90.6%, compared to 89.3% last quarter, ranging by LA from 79.0% (Monmouthshire) to 94.8% (Wrexham). Coverage of one dose of MMR increased this quarter to 95.5% from 95.1% last quarter, ranging by LA from 85.2% (Monmouthshire) to 98.4% (Rhondda Cynon Taf) (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 91.2% and coverage of only one dose was 95.8% (Table 9).
14. National uptake of the Td/IPV⁶ teenage booster in children reaching 16 years of age this quarter was 81.8%, compared to 80.9% last quarter, and ranged by LA from 71.7% (Powys) to 91.8% (Merthyr Tydfil) (Tables 2 and 9).
15. Coverage in the 2014-15 cohort of year 10 girls (girls reaching their 15th birthday during 01/09/14 to 31/08/15) of a complete three dose course of HPV vaccine is currently 86.9%. Coverage of a complete three dose course of HPV vaccine in girls reaching their 16th birthday during 01/09/14 to 31/08/15 (2014-15 year 11) is currently 87.6%. Coverage of a complete three dose course of HPV vaccine in girls reaching their 17th birthday during 01/09/14 to 31/08/15 (2014-15 year 12) is currently 86.7% (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 4.9%, 6.8%, 6.4% and 3.2% of children reaching their first, second, fifth and 16th birthdays (respectively) during quarter four 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

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

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

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 of hepatitis B vaccine in children who were at risk of perinatal infection and reached their first birthday this quarter was 100%. Uptake of four doses of hepatitis B vaccine in children who were at risk of perinatal infection and reached their second birthday this quarter was 100%. Uptake of four doses of hepatitis B vaccine in children who were at risk of perinatal infection and reached their fifth birthday this quarter was 92.9%.

Comment

Uptake of all routine immunisations scheduled for babies in their first year of life increased to 95% this quarter, except for rotavirus vaccine. Although below 95%, uptake of two doses of rotavirus vaccine now exceeds 90% nationally for the first time since the introduction of the vaccine to the childhood immunisation schedule in July 2013.

Coverage of a completed two dose course of MMR further progressed towards the 95% target in five year olds and uptake of one dose of MMR in children aged 16 continued to exceed 95%. However, uptake of the first dose of MMR in children reaching their second birthday dropped below 95% this quarter, having previously been above 95% for the past seven consecutive quarters. To prevent the spread of measles, mumps and rubella in the community it is important that, in addition to improving uptake in two year olds to 95%, those who missed out on MMR vaccination by their second birthday are brought up to date with their immunisation schedule at the earliest opportunity.

Following the changes in the HPV schedule for girls in School Year 8, as explained in CMO letter [CMO\(2014\)13](#), uptake reported for this group now represents the two dose schedule. Timings of school immunisation sessions for HPV vary from Health Board to Health Board. Immunisation sessions for the first dose of HPV for girls in School Year 8 may not have started in some Health Boards when data for this report were extracted and should be taken into consideration when viewing the uptake figures in this report. This quarter, for the first time, uptake of the MenC teenage booster in children reaching their 15th birthday is reported here, with uptake currently at 67% in Wales. Local arrangements for the delivery of this vaccine vary, with some Health Boards routinely offering it to 13-14 year olds and some to 14-15 year olds [1].

Uptake of the combined diphtheria, tetanus and polio booster in teenagers aged 15 years continued to improve this quarter with uptake at 79.3% compared to 74.5% last quarter. The percentage of children reaching their fourth birthday who are fully up to date with all scheduled vaccines decreased this quarter.

[1] 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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If you have any questions or suggestions on COVER reporting in Wales, please contact:

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Figure 1. Percentage uptake of childhood immunisations in Wales, quarter 1 1997 to quarter 4 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).

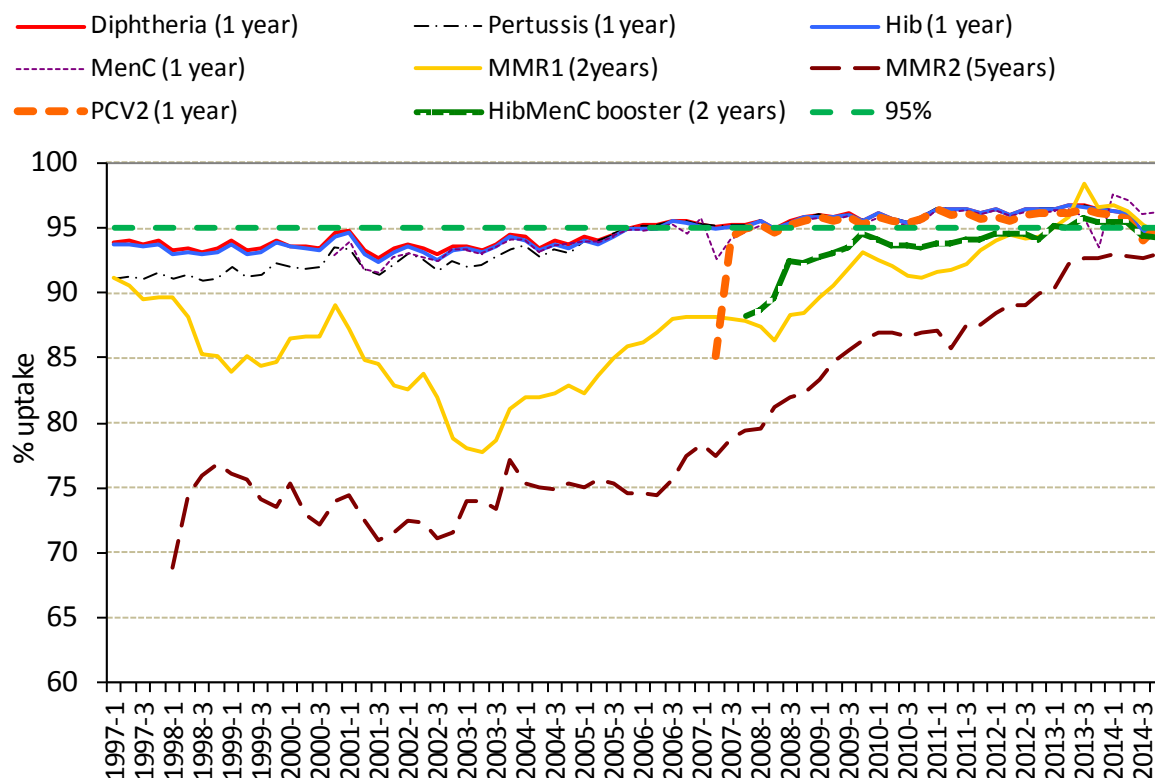
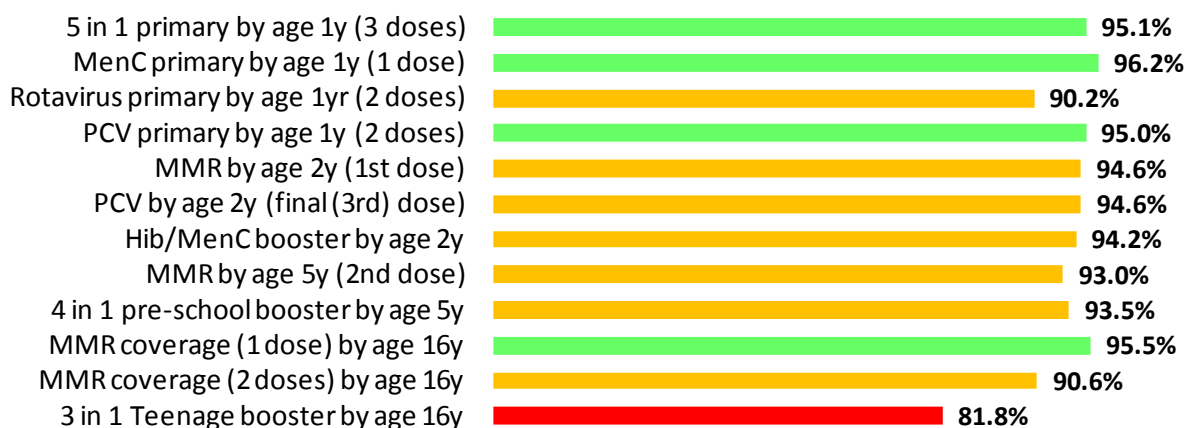


Figure 2. Summary of uptake rates for selected immunisations⁹ in resident children reaching their 1st, 2nd, 5th and 16th birthday between 01/10/14 and 31/12/14 and resident on 31/12/14.

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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 01/10/14 and 31/12/14 and are up to date with all scheduled vaccines¹⁰ by Health Board.

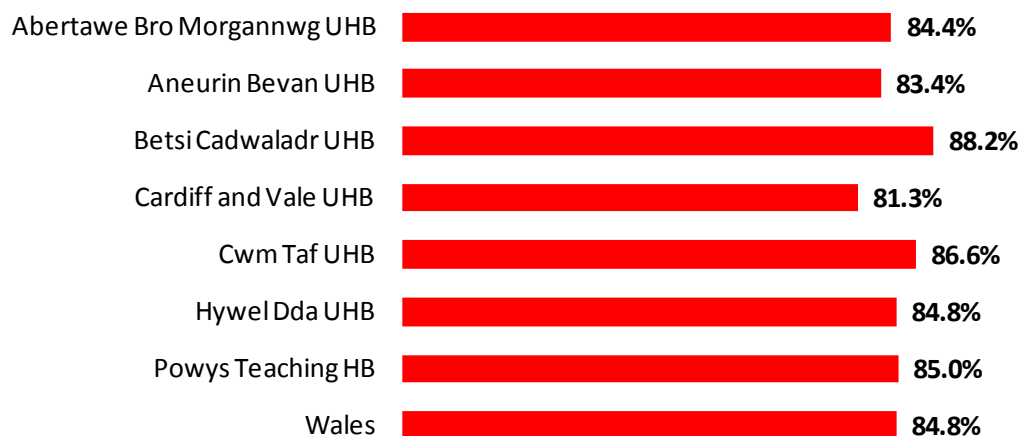


Table 1. Percentage uptake of resident children reaching their 4th birthday during quarter 4 2013 to quarter 4 2014 and are up to date with all scheduled vaccines¹⁰ by Health Board

Area	Up to date in schedule				
	2013-4	2014-1	2014-2	2014-3	2014-4
Abertawe Bro Morgannwg UHB	86.7	85.2	85.3	85.7	84.4
Aneurin Bevan UHB	86.1	85.2	82.7	84.0	83.4
Betsi Cadwaladr UHB	90.5	90.1	90.3	87.3	88.2
Cardiff and Vale UHB	84.3	84.6	83.2	84.7	81.3
Cwm Taf UHB	89.9	91.2	90.4	87.6	86.6
Hywel Dda UHB	87.2	89.0	85.7	83.9	84.8
Powys Teaching HB	90.2	86.2	86.1	88.5	85.0
Wales	87.5	87.2	86.1	85.6	84.8

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 01/10/14 and 31/12/14.

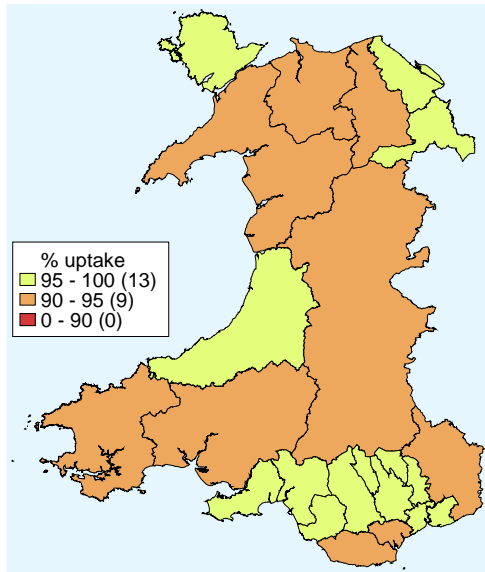


Figure 5. Uptake of at least 1 dose of MMR immunisation in Welsh Local Authority areas in children reaching their 2nd birthday between 01/10/14 and 31/12/14.

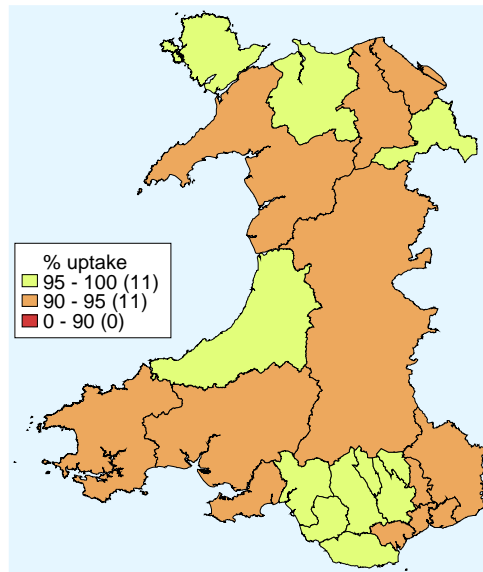


Figure 6. Uptake of two doses of MMR vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/10/14 and 31/12/14.

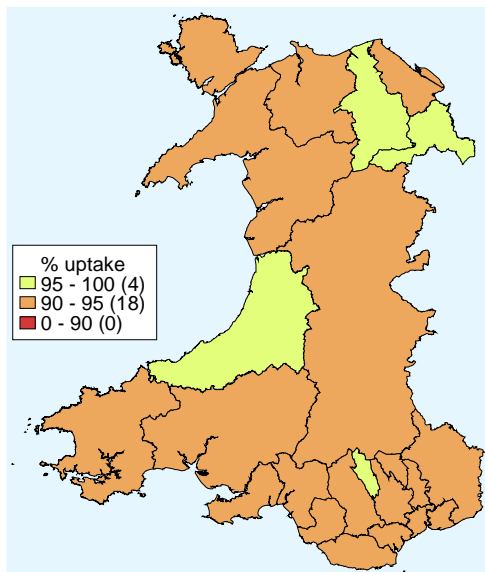


Figure 7. Uptake of 4 in 1 vaccine in Welsh Local Authority areas in children reaching their 5th birthday between 01/10/14 and 31/12/14.

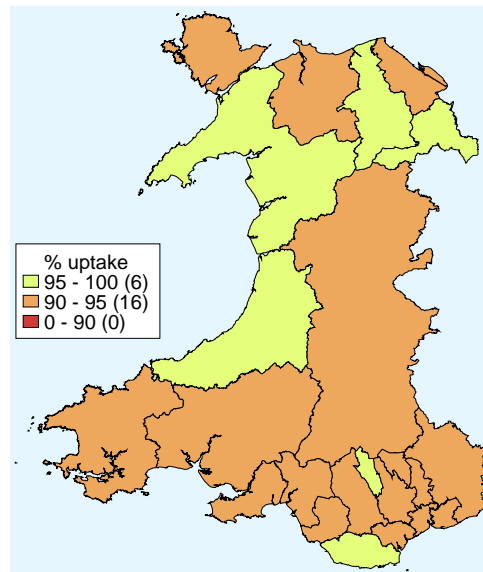


Table 2. Summary table with uptake of selected immunisations in resident children reaching their 1st, 2nd, 4th, 5th and 16th birthday between 01/10/14 and 31/12/14 and resident on 31/12/14.

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) (%)	PCV ³ (n) (%)	Hib/MenC booster (n) (%)	Up to date in schedule ⁴ (n) (%)	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	390	376 96.4	383 98.2	371 95.1	431	412 95.6	410 95.1	408 94.7	351 84.8	410	382 93.2	383 93.4	389	375 96.4	360 92.5	300 77.1	
Neath Port Talbot LA	373	361 96.8	362 97.1	328 87.9	377	364 96.6	358 95.0	358 95.0	333 84.1	369	347 94.0	343 93.0	376	369 98.1	351 93.4	324 86.2	
Swansea LA	606	579 95.5	588 97.0	548 90.4	632	596 94.3	597 94.5	595 94.1	614 84.3	627	571 91.1	578 92.2	564	546 96.8	513 91.0	477 84.6	
Health Board Total	1369	1316 96.1	1333 97.4	1247 91.1	1440	1372 95.3	1365 94.8	1361 94.5	1298 84.4	1406	1300 92.5	1304 92.7	1329	1290 97.1	1224 92.1	1101 82.8	
Aneurin Bevan UHB																	
Blaenau Gwent LA	188	185 98.4	188 100.0	165 87.8	218	210 96.3	209 95.9	208 95.4	160 82.1	204	189 92.6	191 93.6	197	191 97.0	182 92.4	157 79.7	
Caerphilly LA	491	479 97.6	486 99.0	467 95.1	573	553 96.5	553 96.5	551 96.2	517 87.6	507	477 94.1	479 94.5	478	466 97.5	444 92.9	391 81.8	
Monmouthshire LA	177	165 93.2	165 93.2	157 88.7	198	181 91.4	183 92.4	183 92.4	197 87.2	225	204 90.7	205 91.1	257	219 85.2	203 79.0	197 76.7	
Newport LA	478	454 95.0	464 97.1	436 91.2	473	446 94.3	448 94.7	440 93.0	417 77.9	537	495 92.2	493 91.8	460	424 92.2	389 84.6	344 74.8	
Torfaen LA	248	241 97.2	241 97.2	232 93.5	290	274 94.5	272 93.8	271 93.4	221 82.8	277	256 92.4	259 93.5	267	259 97.0	245 91.8	219 82.0	
Health Board Total	1582	1524 96.3	1544 97.6	1457 92.1	1752	1664 95.0	1665 95.0	1653 94.3	1512 83.4	1750	1621 92.6	1627 93.0	1659	1559 94.0	1463 88.2	1308 78.8	
Betsi Cadwaladr University UHB																	
Anglesey LA	189	180 95.2	182 96.3	173 91.5	203	197 97.0	197 97.0	197 97.0	206 89.6	212	198 93.4	197 92.9	190	185 97.4	174 91.6	160 84.2	
Conwy LA	240	227 94.6	230 95.8	216 90.0	283	271 95.8	273 96.5	272 96.1	234 87.3	292	271 92.8	270 92.5	304	292 96.1	279 91.8	263 86.5	
Denbighshire LA	230	217 94.3	218 94.8	201 87.4	276	261 94.6	263 95.3	263 95.3	236 83.1	283	274 96.8	276 97.5	299	291 97.3	272 91.0	250 83.6	
Flintshire LA	431	410 95.1	415 96.3	393 91.2	385	365 94.8	365 94.8	362 94.0	401 88.5	447	414 92.6	422 94.4	414	399 96.4	380 91.8	360 87.0	
Gwynedd LA	311	291 93.6	295 94.9	274 88.1	306	290 94.8	290 94.8	288 94.1	272 91.3	340	321 94.4	325 95.6	326	308 94.5	303 92.9	271 83.1	
Wrexham LA	394	379 96.2	378 95.9	353 89.6	433	412 95.2	410 94.7	409 94.5	390 89.0	416	400 96.2	398 95.7	364	356 97.8	345 94.8	300 82.4	
Health Board Total	1795	1704 94.9	1718 95.7	1610 89.7	1886	1796 95.2	1798 95.3	1791 95.0	1739 88.2	1990	1878 94.4	1888 94.9	1897	1831 96.5	1753 92.4	1604 84.6	
Cardiff and Vale University UHB																	
Cardiff LA	1178	1080 91.7	1102 93.5	987 83.8	1210	1103 91.2	1100 90.9	1090 90.1	947 80.7	1118	1023 91.5	1029 92.0	915	865 94.5	806 88.1	709 77.5	
Vale of Glamorgan LA	344	319 92.7	324 94.2	299 86.9	339	324 95.6	325 95.9	324 95.6	273 83.5	401	373 93.0	383 95.5	375	355 94.7	347 92.5	313 83.5	
Health Board Total	1522	1399 91.9	1426 93.7	1286 84.5	1549	1427 92.1	1425 92.0	1414 91.3	1220 81.3	1519	1396 91.9	1412 93.0	1290	1220 94.6	1153 89.4	1022 79.2	
Cwm Taf UHB																	
Merthyr Tydfil LA	178	175 98.3	176 98.9	174 97.8	192	189 98.4	189 98.4	189 98.4	150 82.4	155	150 96.8	153 98.7	182	178 97.8	172 94.5	167 91.8	
Rhondda Cynon Taf LA	685	668 97.5	672 98.1	657 95.9	660	640 97.0	642 97.3	640 97.0	658 87.6	710	662 93.2	668 94.1	631	621 98.4	587 93.0	559 88.6	
Health Board Total	863	843 97.7	848 98.3	831 96.3	852	829 97.3	831 97.5	829 97.3	808 86.6	865	812 93.9	821 94.9	813	799 98.3	759 93.4	726 89.3	
Hywel Dda UHB																	
Cardiff LA	452	426 94.2	434 96.0	418 92.5	506	478 94.5	473 93.5	470 92.9	441 83.5	480	438 91.3	437 91.0	428	407 95.1	387 90.4	354 82.7	
Ceredigion LA	148	144 97.3	143 96.6	135 91.2	160	152 95.0	157 98.1	156 97.5	172 89.1	176	170 96.6	171 97.2	172	163 94.8	153 89.0	142 82.6	
Pembrokeshire LA	295	277 93.9	281 95.3	266 90.2	314	291 92.7	293 93.3	290 92.4	294 84.5	350	322 92.0	322 92.0	346	328 94.8	307 88.7	277 80.1	
Health Board Total	895	847 94.6	858 95.9	819 91.5	980	921 94.0	923 94.2	916 93.5	907 84.8	1006	930 92.4	930 92.4	946	898 94.9	847 89.5	773 81.7	
Powys Teaching UHB	299	281 94.0	283 94.6	261 87.3	300	278 92.7	283 94.3	284 94.7	294 85.0	317	294 92.7	298 94.0	361	332 92.0	321 88.9	259 71.7	
Unknown	21	21 100.0	21 100.0	19 90.5	33	30 90.9	30 90.9	30 90.9	18 94.7	26	23 88.5	23 88.5	56	46 82.1	43 76.8	35 62.5	
Wales Total	8346	7935 95.1	8031 96.2	7530 90.2	8792	8317 94.6	8320 94.6	8278 94.2	7796 84.8	8879	8254 93.0	8303 93.5	8351	7975 95.5	7563 90.6	6828 81.8	

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

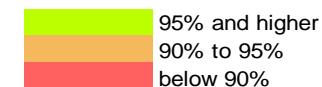


Table 3. Vaccine uptake in children reaching their 1st birthday between 01/10/14 and 31/12/14 and resident on 31/12/14.

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	390	376 96.4	376 96.4	376 96.4	376 96.4	376 96.4	1 0.3	383 98.2	371 95.1	378 96.9	0 0.0	
Neath Port Talbot LA	373	361 96.8	361 96.8	361 96.8	361 96.8	361 96.8	5 1.3	362 97.1	328 87.9	363 97.3	0 0.0	
Swansea LA	606	579 95.5	579 95.5	579 95.5	579 95.5	579 95.5	0 0.0	588 97.0	548 90.4	582 96.0	0 0.0	
Health Board Total	1369	1316 96.1	1316 96.1	1316 96.1	1316 96.1	1316 96.1	6 0.4	1333 97.4	1247 91.1	1323 96.6	0 0.0	
Aneurin Bevan University HB												
Blaenau Gwent LA	188	185 98.4	185 98.4	185 98.4	185 98.4	185 98.4	1 0.5	188 100.0	165 87.8	188 100.0	1 0.5	
Caerphilly LA	491	479 97.6	479 97.6	479 97.6	479 97.6	479 97.6	0 0.0	486 99.0	467 95.1	478 97.4	0 0.0	
Monmouthshire LA	177	165 93.2	165 93.2	165 93.2	165 93.2	165 93.2	1 0.6	165 93.2	157 88.7	165 93.2	0 0.0	
Newport LA	478	454 95.0	454 95.0	454 95.0	454 95.0	454 95.0	1 0.2	464 97.1	436 91.2	457 95.6	0 0.0	
Torfaen LA	248	241 97.2	241 97.2	241 97.2	241 97.2	241 97.2	0 0.0	241 97.2	232 93.5	240 96.8	0 0.0	
Health Board Total	1582	1524 96.3	1524 96.3	1524 96.3	1524 96.3	1524 96.3	3 0.2	1544 97.6	1457 92.1	1528 96.6	1 0.1	
Betsi Cadwaladr University HB												
Anglesey LA	189	180 95.2	180 95.2	180 95.2	180 95.2	180 95.2	2 1.1	182 96.3	173 91.5	181 95.8	2 1.1	
Conwy LA	240	227 94.6	227 94.6	227 94.6	227 94.6	227 94.6	0 0.0	230 95.8	216 90.0	223 92.9	0 0.0	
Denbighshire LA	230	217 94.3	217 94.3	217 94.3	217 94.3	217 94.3	1 0.4	218 94.8	201 87.4	215 93.5	1 0.4	
Flintshire LA	431	410 95.1	410 95.1	410 95.1	410 95.1	410 95.1	0 0.0	415 96.3	393 91.2	410 95.1	0 0.0	
Gwynedd LA	311	291 93.6	291 93.6	291 93.6	291 93.6	291 93.6	2 0.6	295 94.9	274 88.1	290 93.2	2 0.6	
Wrexham LA	394	379 96.2	379 96.2	379 96.2	379 96.2	379 96.2	1 0.3	378 95.9	353 89.6	379 96.2	0 0.0	
Health Board Total	1795	1704 94.9	1704 94.9	1704 94.9	1704 94.9	1704 94.9	6 0.3	1718 95.7	1610 89.7	1698 94.6	5 0.3	
Cardiff and Vale University HB												
Cardiff LA	1178	1081 91.8	1080 91.7	1080 91.7	1080 91.7	1080 91.7	5 0.4	1102 93.5	987 83.8	1073 91.1	5 0.4	
Vale of Glamorgan LA	344	319 92.7	319 92.7	319 92.7	319 92.7	319 92.7	3 0.9	324 94.2	299 86.9	319 92.7	1 0.3	
Health Board Total	1522	1400 92.0	1399 91.9	1399 91.9	1399 91.9	1399 91.9	8 0.5	1426 93.7	1286 84.5	1392 91.5	6 0.4	
Cwm Taf University HB												
Merthyr Tydfil LA	178	175 98.3	175 98.3	175 98.3	175 98.3	175 98.3	0 0.0	176 98.9	174 97.8	175 98.3	0 0.0	
Rhondda Cynon Taf LA	685	668 97.5	668 97.5	668 97.5	668 97.5	668 97.5	1 0.1	672 98.1	657 95.9	667 97.4	1 0.1	
Health Board Total	863	843 97.7	843 97.7	843 97.7	843 97.7	843 97.7	1 0.1	848 98.3	831 96.3	842 97.6	1 0.1	
Hywel Dda University HB												
Carmarthenshire LA	452	426 94.2	426 94.2	426 94.2	426 94.2	426 94.2	0 0.0	434 96.0	418 92.5	424 93.8	0 0.0	
Ceredigion LA	148	144 97.3	144 97.3	144 97.3	144 97.3	144 97.3	1 0.7	143 96.6	135 91.2	142 95.9	1 0.7	
Pembrokeshire LA	295	277 93.9	277 93.9	277 93.9	277 93.9	277 93.9	0 0.0	281 95.3	266 90.2	278 94.2	1 0.3	
Health Board Total	895	847 94.6	847 94.6	847 94.6	847 94.6	845 94.4	847 94.6	1 0.1	858 95.9	819 91.5	844 94.3	2 0.2
Powys Teaching HB												
Unknown	21	21 100.0	21 100.0	21 100.0	21 100.0	21 100.0	0 0.0	21 100.0	19 90.5	21 100.0	0 0.0	
Wales Total	8346	7936 95.1	7935 95.1	7935 95.1	7935 95.1	7933 95.1	7935 95.1	26 0.3	8031 96.2	7530 90.2	7931 95.0	16 0.2

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 01/10/14 and 31/12/14 and resident on 31/12/14.

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)	(%)
<u>Abertawe Bro Morgannwg University HB</u>																					
Bridgend LA	431	421	97.7	421	97.7	421	97.7	421	97.7	421	97.7	412	95.6	406	94.2	417	96.8	410	95.1	408	94.7
Neath Port Talbot LA	377	368	97.6	368	97.6	368	97.6	368	97.6	368	97.6	364	96.6	352	93.4	362	96.0	358	95.0	358	95.0
Swansea LA	632	615	97.3	615	97.3	615	97.3	613	97.0	615	97.3	596	94.3	591	93.5	612	96.8	597	94.5	595	94.1
Health Board Total	1440	1404	97.5	1404	97.5	1404	97.5	1402	97.4	1404	97.5	1372	95.3	1349	93.7	1391	96.6	1365	94.8	1361	94.5
<u>Aneurin Bevan University HB</u>																					
Blaenau Gwent LA	218	215	98.6	215	98.6	215	98.6	215	98.6	215	98.6	210	96.3	209	95.9	213	97.7	209	95.9	208	95.4
Caerphilly LA	573	560	97.7	560	97.7	560	97.7	559	97.6	560	97.7	553	96.5	542	94.6	556	97.0	553	96.5	551	96.2
Monmouthshire LA	198	185	93.4	185	93.4	185	93.4	185	93.4	185	93.4	181	91.4	178	89.9	182	91.9	183	92.4	183	92.4
Newport LA	473	463	97.9	463	97.9	463	97.9	463	97.9	463	97.9	446	94.3	434	91.8	454	96.0	448	94.7	440	93.0
Torfaen LA	290	280	96.6	280	96.6	280	96.6	280	96.6	280	96.6	274	94.5	269	92.8	279	96.2	272	93.8	271	93.4
Health Board Total	1752	1703	97.2	1703	97.2	1703	97.2	1702	97.1	1703	97.2	1664	95.0	1632	93.2	1684	96.1	1665	95.0	1653	94.3
<u>Betsi Cadwaladr University HB</u>																					
Anglesey LA	203	201	99.0	201	99.0	201	99.0	201	99.0	201	99.0	197	97.0	196	96.6	200	98.5	197	97.0	197	97.0
Conwy LA	283	277	97.9	277	97.9	277	97.9	277	97.9	277	97.9	271	95.8	270	95.4	273	96.5	273	96.5	272	96.1
Denbighshire LA	276	266	96.4	266	96.4	266	96.4	266	96.4	266	96.4	261	94.6	248	89.9	265	96.0	263	95.3	263	95.3
Flintshire LA	385	374	97.1	374	97.1	374	97.1	374	97.1	374	97.1	365	94.8	365	94.8	368	95.6	365	94.8	362	94.0
Gwynedd LA	306	299	97.7	299	97.7	299	97.7	298	97.4	298	97.4	290	94.8	287	93.8	295	96.4	290	94.8	288	94.1
Wrexham LA	433	423	97.7	423	97.7	423	97.7	423	97.7	423	97.7	412	95.2	409	94.5	421	97.2	410	94.7	409	94.5
Health Board Total	1886	1840	97.6	1840	97.6	1840	97.6	1839	97.5	1839	97.5	1796	95.2	1775	94.1	1822	96.6	1798	95.3	1791	95.0
<u>Cardiff and Vale University HB</u>																					
Cardiff LA	1210	1121	92.6	1121	92.6	1121	92.6	1120	92.6	1118	92.4	1103	91.2	1051	86.9	1096	90.6	1100	90.9	1090	90.1
Vale of Glamorgan LA	339	332	97.9	332	97.9	332	97.9	332	97.9	332	97.9	324	95.6	321	94.7	329	97.1	325	95.9	324	95.6
Health Board Total	1549	1453	93.8	1453	93.8	1453	93.8	1452	93.7	1450	93.6	1427	92.1	1372	88.6	1425	92.0	1425	92.0	1414	91.3
<u>Cwm Taf University HB</u>																					
Merthyr Tydfil LA	192	191	99.5	191	99.5	191	99.5	191	99.5	191	99.5	189	98.4	188	97.9	190	99.0	189	98.4	189	98.4
Rhondda Cynon Taf LA	660	657	99.5	657	99.5	657	99.5	657	99.5	657	99.5	640	97.0	640	97.0	651	98.6	642	97.3	640	97.0
Health Board Total	852	848	99.5	848	99.5	848	99.5	848	99.5	848	99.5	829	97.3	828	97.2	841	98.7	831	97.5	829	97.3
<u>Hywel Dda University HB</u>																					
Cardiff LA	506	490	96.8	490	96.8	490	96.8	489	96.6	490	96.8	478	94.5	477	94.3	485	95.8	473	93.5	470	92.9
Ceredigion LA	160	157	98.1	157	98.1	157	98.1	156	97.5	156	97.5	152	95.0	154	96.3	155	96.9	157	98.1	156	97.5
Pembrokeshire LA	314	307	97.8	307	97.8	307	97.8	307	97.8	307	97.8	291	92.7	288	91.7	299	95.2	293	93.3	290	92.4
Health Board Total	980	954	97.3	954	97.3	954	97.3	952	97.1	953	97.2	921	94.0	919	93.8	939	95.8	923	94.2	916	93.5
<u>Powys Teaching HB</u>	300	286	95.3	286	95.3	286	95.3	286	95.3	286	95.3	278	92.7	278	92.7	284	94.7	283	94.3	284	94.7
Unknown	33	31	93.9	31	93.9	31	93.9	31	93.9	31	93.9	30	90.9	30	90.9	30	90.9	30	90.9	30	90.9
Wales Total	8792	8519	96.9	8519	96.9	8519	96.9	8512	96.8	8514	96.8	8317	94.6	8183	93.1	8416	95.7	8320	94.6	8278	94.2

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 01/10/14 and 31/12/14 and resident on 31/12/14.

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>Abertawe Bro Morgannwg University HB</u>									
Bridgend LA	414	356	86.0	402	97.1	370	89.4	351	84.8
Neath Port Talbot LA	396	342	86.4	379	95.7	355	89.6	333	84.1
Swansea LA	728	628	86.3	692	95.1	657	90.2	614	84.3
Health Board Total	1538	1326	86.2	1473	95.8	1382	89.9	1298	84.4
<u>Aneurin Bevan University HB</u>									
Blaenau Gwent LA	195	168	86.2	188	96.4	163	83.6	160	82.1
Caerphilly LA	590	527	89.3	569	96.4	544	92.2	517	87.6
Monmouthshire LA	226	204	90.3	213	94.2	204	90.3	197	87.2
Newport LA	535	430	80.4	497	92.9	444	83.0	417	77.9
Torfaen LA	267	227	85.0	256	95.9	232	86.9	221	82.8
Health Board Total	1813	1556	85.8	1723	95.0	1587	87.5	1512	83.4
<u>Betsi Cadwaladr University HB</u>									
Anglesey LA	230	210	91.3	224	97.4	207	90.0	206	89.6
Conwy LA	268	236	88.1	257	95.9	235	87.7	234	87.3
Denbighshire LA	284	238	83.8	272	95.8	239	84.2	236	83.1
Flintshire LA	453	412	90.9	432	95.4	410	90.5	401	88.5
Gwynedd LA	298	278	93.3	287	96.3	275	92.3	272	91.3
Wrexham LA	438	400	91.3	420	95.9	396	90.4	390	89.0
Health Board Total	1971	1774	90.0	1892	96.0	1762	89.4	1739	88.2
<u>Cardiff and Vale University HB</u>									
Cardiff LA	1173	989	84.3	1074	91.6	985	84.0	947	80.7
Vale of Glamorgan LA	327	282	86.2	310	94.8	278	85.0	273	83.5
Health Board Total	1500	1271	84.7	1384	92.3	1263	84.2	1220	81.3
<u>Cwm Taf University HB</u>									
Merthyr Tydfil LA	182	165	90.7	162	89.0	161	88.5	150	82.4
Rhondda Cynon Taf LA	751	675	89.9	727	96.8	671	89.3	658	87.6
Health Board Total	933	840	90.0	889	95.3	832	89.2	808	86.6
<u>Hywel Dda University HB</u>									
Carmarthenshire LA	528	458	86.7	498	94.3	467	88.4	441	83.5
Ceredigion LA	193	177	91.7	179	92.7	174	90.2	172	89.1
Pembrokeshire LA	348	301	86.5	335	96.3	296	85.1	294	84.5
Health Board Total	1069	936	87.6	1012	94.7	937	87.7	907	84.8
<u>Powys Teaching HB</u>	346	308	89.0	322	93.1	307	88.7	294	85.0
Unknown	19	18	94.7	19	100.0	18	94.7	18	94.7
Wales Total	9189	8029	87.4	8714	94.8	8088	88.0	7796	84.8

¹ Uptake of acellular pertussis used as proxy

² Completed 4 in 1 preschool booster, the Hib/ MenC booster and second MMR dose by four years of age. 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 01/10/14 and 31/12/14 and resident on 31/12/14.

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	410	403 98.3	403 98.3	403 98.3	402 98.0	402 98.0	393 95.9	389 94.9	389 94.9	403 98.3	382 93.2	383 93.4	383 93.4	383 93.4	383 93.4
Neath Port Talbot LA	369	362 98.1	362 98.1	362 98.1	362 98.1	362 98.1	355 96.2	345 93.5	349 94.6	360 97.6	347 94.0	343 93.0	343 93.0	343 93.0	343 93.0
Swansea LA	627	605 96.5	605 96.5	605 96.5	604 96.3	605 96.5	590 94.1	581 92.7	591 94.3	601 95.9	571 91.1	578 92.2	578 92.2	578 92.2	577 92.0
Health Board Total	1406	1370 97.4	1370 97.4	1370 97.4	1368 97.3	1369 97.4	1338 95.2	1315 93.5	1329 94.5	1364 97.0	1300 92.5	1304 92.7	1304 92.7	1304 92.7	1303 92.7
Aneurin Bevan University HB															
Blaenau Gwent LA	204	200 98.0	200 98.0	200 98.0	200 98.0	200 98.0	195 95.6	194 95.1	193 94.6	199 97.5	189 92.6	191 93.6	191 93.6	191 93.6	191 93.6
Caerphilly LA	507	495 97.6	495 97.6	495 97.6	495 97.6	494 97.4	493 97.2	475 93.7	482 95.1	497 98.0	477 94.1	479 94.5	479 94.5	479 94.5	479 94.5
Monmouthshire LA	225	207 92.0	207 92.0	207 92.0	207 92.0	206 91.6	202 89.8	200 88.9	199 88.4	210 93.3	204 90.7	205 91.1	205 91.1	205 91.1	205 91.1
Newport LA	537	519 96.6	519 96.6	519 96.6	519 96.6	517 96.3	500 93.1	485 90.3	498 92.7	522 97.2	495 92.2	493 91.8	493 91.8	493 91.8	492 91.6
Torfaen LA	277	274 98.9	274 98.9	274 98.9	274 98.9	274 98.9	270 97.5	270 97.5	268 96.8	270 97.5	256 92.4	259 93.5	259 93.5	259 93.5	259 93.5
Health Board Total	1750	1695 96.9	1695 96.9	1695 96.9	1695 96.9	1691 96.6	1660 94.9	1624 92.8	1640 93.7	1698 97.0	1621 92.6	1627 93.0	1627 93.0	1627 93.0	1626 92.9
Betsi Cadwaladr University HB															
Anglesey LA	212	204 96.2	204 96.2	204 96.2	204 96.2	204 96.2	200 94.3	194 91.5	199 93.9	205 96.7	198 93.4	197 92.9	197 92.9	197 92.9	197 92.9
Conwy LA	292	284 97.3	284 97.3	284 97.3	284 97.3	284 97.3	276 94.5	269 92.1	275 94.2	280 95.9	271 92.8	270 92.5	270 92.5	270 92.5	270 92.5
Denbighshire LA	283	279 98.6	279 98.6	279 98.6	279 98.6	279 98.6	276 97.5	269 95.1	275 97.2	278 98.2	274 96.8	276 97.5	276 97.5	276 97.5	276 97.5
Flintshire LA	447	429 96.0	429 96.0	429 96.0	430 96.2	430 96.2	423 94.6	421 94.2	423 94.6	428 95.7	414 92.6	422 94.4	422 94.4	422 94.4	422 94.4
Gwynedd LA	340	326 95.9	326 95.9	326 95.9	326 95.9	325 95.6	318 93.5	316 92.9	321 94.4	330 97.1	321 94.4	325 95.6	325 95.6	325 95.6	325 95.6
Wrexham LA	416	411 98.8	411 98.8	411 98.8	410 98.6	410 98.6	402 96.6	396 95.2	402 96.6	409 98.3	400 96.2	398 95.7	398 95.7	398 95.7	398 95.7
Health Board Total	1990	1933 97.1	1933 97.1	1933 97.1	1933 97.1	1932 97.1	1895 95.2	1865 93.7	1895 95.2	1930 97.0	1878 94.4	1888 94.9	1888 94.9	1888 94.9	1888 94.9
Cardiff and Vale University HB															
Cardiff LA	1118	1081 96.7	1081 96.7	1081 96.7	1081 96.7	1075 96.2	1026 91.8	1012 90.5	1016 90.9	1082 96.8	1023 91.5	1029 92.0	1029 92.0	1029 92.0	1029 92.0
Vale of Glamorgan LA	401	394 98.3	394 98.3	394 98.3	394 98.3	394 98.3	387 96.5	379 94.5	377 94.0	392 97.8	373 93.0	383 95.5	383 95.5	383 95.5	383 95.5
Health Board Total	1519	1475 97.1	1475 97.1	1475 97.1	1475 97.1	1469 96.7	1413 93.0	1391 91.6	1393 91.7	1474 97.0	1396 91.9	1412 93.0	1412 93.0	1412 93.0	1412 93.0
Cwm Taf University HB															
Merthyr Tydfil LA	155	154 99.4	154 99.4	154 99.4	154 99.4	154 99.4	154 99.4	149 96.1	154 99.4	154 99.4	150 96.8	153 98.7	153 98.7	153 98.7	153 98.7
Rhondda Cynon Taf LA	710	701 98.7	701 98.7	701 98.7	700 98.6	699 98.5	688 96.9	676 95.2	682 96.1	694 97.7	662 93.2	669 94.2	669 94.2	668 94.1	668 94.1
Health Board Total	865	855 98.8	855 98.8	855 98.8	854 98.7	853 98.6	842 97.3	825 95.4	836 96.6	848 98.0	812 93.9	822 95.0	822 95.0	821 94.9	821 94.9
Hywel Dda University HB															
Carmarthenshire LA	480	463 96.5	463 96.5	463 96.5	461 96.0	460 95.8	450 93.8	446 92.9	446 92.9	463 96.5	438 91.3	437 91.0	437 91.0	437 91.0	437 91.0
Ceredigion LA	176	171 97.2	171 97.2	171 97.2	171 97.2	170 96.6	165 93.8	166 94.3	168 95.5	172 97.7	170 96.6	171 97.2	171 97.2	171 97.2	170 96.6
Pembrokeshire LA	350	332 94.9	332 94.9	332 94.9	332 94.9	332 94.9	325 92.9	319 91.1	322 92.0	335 95.7	322 92.0	322 92.0	322 92.0	322 92.0	322 92.0
Health Board Total	1006	966 96.6	966 96.6	966 96.6	964 95.8	962 95.6	940 93.4	931 92.5	936 93.0	970 96.4	930 92.4	930 92.4	930 92.4	930 92.4	929 92.3
Powys Teaching HB	317	303 95.6	303 95.6	303 95.6	303 95.6	303 95.6	295 93.1	299 94.3	300 94.6	303 95.6	294 92.7	298 94.0	298 94.0	298 94.0	298 94.0
Unknown	26	24 92.3	24 92.3	24 92.3	24 92.3	24 92.3	24 92.3	22 84.6	23 88.5	24 92.3	23 88.5	23 88.5	23 88.5	23 88.5	23 88.5
Wales Total	8879	8621 97.1	8621 97.1	8621 97.1	8616 97.0	8603 96.9	8407 94.7	8272 93.2	8352 94.1	8611 97.0	8254 93.0	8304 93.5	8304 93.5	8303 93.5	8300 93.5

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 01/09/14 and 31/08/15 and resident on 31/12/14.

Area	13 years (2014-15 School Year 8) ¹					14 years (2014-15 School Year 9) ²						
	Resident girls (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 doses (n)	HPV 2 doses (%)	Resident girls (n)	HPV 1 dose (n)	HPV 1 dose (%)	HPV 2 doses (n)	HPV 2 doses (%)	HPV 3 doses (n)	HPV 3 doses (%)
Abertawe Bro Morgannwg University HB												
Bridgend LA	717	631	88.0	1	0.1	811	743	91.6	730	90.0	682	84.1
Neath Port Talbot LA	668	601	90.0	1	0.1	666	622	93.4	598	89.8	546	82.0
Swansea LA	1188	1059	89.1	0	0.0	1248	1142	91.5	1112	89.1	1047	83.9
Health Board Total	2573	2291	89.0	2	0.1	2725	2507	92.0	2440	89.5	2275	83.5
Aneurin Bevan University HB												
Blaenau Gwent LA	342	310	90.6	0	0.0	344	333	96.8	322	93.6	303	88.1
Caerphilly LA	892	787	88.2	0	0.0	905	853	94.3	833	92.0	802	88.6
Monmouthshire LA	464	346	74.6	0	0.0	468	361	77.1	352	75.2	337	72.0
Newport LA	899	718	79.9	2	0.2	832	712	85.6	683	82.1	649	78.0
Torfaen LA	483	419	86.7	0	0.0	508	475	93.5	459	90.4	433	85.2
Health Board Total	3080	2580	83.8	2	0.1	3057	2734	89.4	2649	86.7	2524	82.6
Betsi Cadwaladr University HB												
Anglesey LA	347	0	0.0	0	0.0	354	317	89.5	312	88.1	282	79.7
Conwy LA	532	0	0.0	0	0.0	605	543	89.8	538	88.9	500	82.6
Denbighshire LA	453	0	0.0	0	0.0	520	459	88.3	459	88.3	447	86.0
Flintshire LA	792	0	0.0	0	0.0	802	732	91.3	727	90.6	699	87.2
Gwynedd LA	554	3	0.5	0	0.0	597	534	89.4	530	88.8	522	87.4
Wrexham LA	612	0	0.0	0	0.0	694	626	90.2	617	88.9	602	86.7
Health Board Total	3290	3	0.1	0	0.0	3572	3211	89.9	3183	89.1	3052	85.4
Cardiff and Vale University HB												
Cardiff LA	1724	152	8.8	0	0.0	1703	1469	86.3	1414	83.0	1143	67.1
Vale of Glamorgan LA	642	432	67.3	0	0.0	641	574	89.5	562	87.7	488	76.1
Health Board Total	2366	584	24.7	0	0.0	2344	2043	87.2	1976	84.3	1631	69.6
Cwm Taf University HB												
Merthyr Tydfil LA	274	255	93.1	0	0.0	278	259	93.2	257	92.4	255	91.7
Rhondda Cynon Taf LA	1128	1028	91.1	0	0.0	1154	1100	95.3	1090	94.5	1067	92.5
Health Board Total	1402	1283	91.5	0	0.0	1432	1359	94.9	1347	94.1	1322	92.3
Hywel Dda University HB												
Carmarthenshire LA	852	754	88.5	0	0.0	820	766	93.4	759	92.6	750	91.5
Ceredigion LA	299	179	59.9	0	0.0	280	257	91.8	255	91.1	253	90.4
Pembrokeshire LA	521	438	84.1	0	0.0	548	475	86.7	470	85.8	453	82.7
Health Board Total	1672	1371	82.0	0	0.0	1648	1498	90.9	1484	90.0	1456	88.3
Powys Teaching HB	606	485	80.0	0	0.0	600	499	83.2	489	81.5	473	78.8
Unknown	67	28	41.8	0	0.0	95	69	72.6	69	72.6	66	69.5
Wales Total	15056	8625	57.3	4	0.0	15473	13920	90.0	13637	88.1	12799	82.7

¹ Current two dose HPV vaccine schedule, data entry for immunisation sessions may still be underway.

² Represents the last School Year 8 group (2013-14) to receive the three dose HPV dose schedule.

Table 8. MMR and Td/IPV vaccine uptake in children reaching their 15th birthday between 01/10/14 and 31/12/14 and resident on 31/12/14 (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)	MMR1 (%)	MMR2 (%)	(n)	MMR1 (%)	MMR2 (%)	1 booster ¹ (%)	MenC ² (%)	(n)	MMR1 (%)	MMR2 (%)	(n)	MMR1 (%)	MMR2 (%)	(n)	MMR1 (%)	MMR2 (%)	(n)	MMR1 (%)	MMR2 (%)	
Abertawe Bro Morgannwg University HB	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(%)
Bridgend LA	383	365	95.3	353	92.2	324	84.6	321	83.8	178	171	96.1	166	93.3	205	194	94.6	187	91.2		
Neath Port Talbot LA	337	326	96.7	313	92.9	292	86.6	291	86.4	147	141	95.9	134	91.2	190	185	97.4	179	94.2		
Swansea LA	642	607	94.5	566	88.2	571	88.9	565	88.0	319	303	95.0	281	88.1	323	304	94.1	285	88.2		
Health Board Total	1362	1298	95.3	1232	90.5	1187	87.2	1177	86.4	644	615	95.5	581	90.2	718	683	95.1	651	90.7		
Aneurin Bevan University HB																					
Blaenau Gwent LA	177	170	96.0	164	92.7	141	79.7	142	80.2	90	87	96.7	84	93.3	87	83	95.4	80	92.0		
Caerphilly LA	472	460	97.5	443	93.9	281	59.5	278	58.9	225	216	96.0	207	92.0	247	244	98.8	236	95.5		
Monmouthshire LA	244	219	89.8	206	84.4	140	57.4	142	58.2	120	110	91.7	108	90.0	124	109	87.9	98	79.0		
Newport LA	457	437	95.6	407	89.1	305	66.7	296	64.8	220	207	94.1	195	88.6	237	230	97.0	212	89.5		
Torfaen LA	236	229	97.0	221	93.6	143	60.6	142	60.2	120	117	97.5	114	95.0	116	112	96.6	107	92.2		
Health Board Total	1586	1515	95.5	1441	90.9	1010	63.7	1000	63.1	775	737	95.1	708	91.4	811	778	95.9	733	90.4		
Betsi Cadwaladr University HB																					
Anglesey LA	178	169	94.9	164	92.1	130	73.0	132	74.2	95	92	96.8	91	95.8	83	77	92.8	73	88.0		
Conwy LA	327	310	94.8	293	89.6	280	85.6	276	84.4	156	147	94.2	139	89.1	171	163	95.3	154	90.1		
Denbighshire LA	261	244	93.5	228	87.4	216	82.8	207	79.3	133	127	95.5	123	92.5	128	117	91.4	105	82.0		
Flintshire LA	441	422	95.7	403	91.4	373	84.6	364	82.5	236	228	96.6	216	91.5	205	194	94.6	187	91.2		
Gwynedd LA	302	285	94.4	272	90.1	247	81.8	241	79.8	157	149	94.9	143	91.1	145	136	93.8	129	89.0		
Wrexham LA	333	317	95.2	306	91.9	266	79.9	253	76.0	168	161	95.8	156	92.9	165	156	94.5	150	90.9		
Health Board Total	1842	1747	94.8	1666	90.4	1512	82.1	1473	80.0	945	904	95.7	868	91.9	897	843	94.0	798	89.0		
Cardiff and Vale University HB																					
Cardiff LA	850	803	94.5	756	88.9	644	75.8	49	5.8	411	389	94.6	367	89.3	439	414	94.3	389	88.6		
Vale of Glamorgan LA	356	345	96.9	331	93.0	295	82.9	47	13.2	171	167	97.7	161	94.2	185	178	96.2	170	91.9		
Health Board Total	1206	1148	95.2	1087	90.1	939	77.9	96	8.0	582	556	95.5	528	90.7	624	592	94.9	559	89.6		
Cwm Taf University HB																					
Merthyr Tydfil LA	155	147	94.8	144	92.9	140	90.3	137	88.4	69	63	91.3	62	89.9	86	84	97.7	82	95.3		
Rhondda Cynon Taf LA	603	580	96.2	551	91.4	536	88.9	532	88.2	289	283	97.9	275	95.2	314	297	94.6	276	87.9		
Health Board Total	758	727	95.9	695	91.7	676	89.2	669	88.3	358	346	96.6	337	94.1	400	381	95.3	358	89.5		
Hywel Dda University HB																					
Carmarthenshire LA	388	368	94.8	346	89.2	325	83.8	320	82.5	191	185	96.9	172	90.1	197	183	92.9	174	88.3		
Ceredigion LA	163	149	91.4	140	85.9	147	90.2	147	90.2	83	74	89.2	72	86.7	80	75	93.8	68	85.0		
Pembrokeshire LA	302	285	94.4	267	88.4	244	80.8	234	77.5	136	125	91.9	118	86.8	166	160	96.4	149	89.8		
Health Board Total	853	802	94.0	753	88.3	716	83.9	701	82.2	410	384	93.7	362	88.3	443	418	94.4	391	88.3		
Powys Teaching HB	319	300	94.0	283	88.7	258	80.9	225	70.5	163	153	93.9	143	87.7	156	147	94.2	140	89.7		
Unknown	57	48	84.2	46	80.7	33	57.9	32	56.1	21	19	90.5	18	85.7	35	29	82.9	28	80.0		
Wales Total	7983	7585	95.0	7203	90.2	6331	79.3	5373	67.3	3898	3714	95.3	3545	90.9	4084	3871	94.8	3658	89.6		

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

² MenC teenage booster

Table 9. MMR and Td/IPV vaccine uptake in children reaching their 16th birthday between 01/10/14 and 31/12/14 and resident on 31/12/14 (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)	(%)		
Abertawe Bro Morgannwg University HB																				
Bridgend LA	389	375	96.4	360	92.5	300	77.1	193	186	96.4	179	92.7	196	189	96.4	181	92.3			
Neath Port Talbot LA	376	369	98.1	351	93.4	324	86.2	198	194	98.0	182	91.9	178	175	98.3	169	94.9			
Swansea LA	564	546	96.8	513	91.0	477	84.6	260	251	96.5	233	89.6	304	295	97.0	280	92.1			
Health Board Total	1329	1290	97.1	1224	92.1	1101	82.8	651	631	96.9	594	91.2	678	659	97.2	630	92.9			
Aneurin Bevan University HB																				
Blaenau Gwent LA	197	191	97.0	182	92.4	157	79.7	96	93	96.9	86	89.6	101	98	97.0	96	95.0			
Caerphilly LA	478	466	97.5	444	92.9	391	81.8	225	220	97.8	210	93.3	253	246	97.2	234	92.5			
Monmouthshire LA	257	219	85.2	203	79.0	197	76.7	108	88	81.5	84	77.8	149	131	87.9	119	79.9			
Newport LA	460	424	92.2	389	84.6	344	74.8	218	205	94.0	188	86.2	242	219	90.5	201	83.1			
Torfaen LA	267	259	97.0	245	91.8	219	82.0	137	136	99.3	127	92.7	130	123	94.6	118	90.8			
Health Board Total	1659	1559	94.0	1463	88.2	1308	78.8	784	742	94.6	695	88.6	875	817	93.4	768	87.8			
Betsi Cadwaladr University HB																				
Anglesey LA	190	185	97.4	174	91.6	160	84.2	92	90	97.8	85	92.4	98	95	96.9	89	90.8			
Conwy LA	304	292	96.1	279	91.8	263	86.5	154	152	98.7	148	96.1	150	140	93.3	131	87.3			
Denbighshire LA	299	291	97.3	272	91.0	250	83.6	139	136	97.8	127	91.4	160	155	96.9	145	90.6			
Flintshire LA	414	399	96.4	380	91.8	360	87.0	224	217	96.9	209	93.3	190	182	95.8	171	90.0			
Gwynedd LA	326	308	94.5	303	92.9	271	83.1	163	151	92.6	149	91.4	163	157	96.3	154	94.5			
Wrexham LA	364	356	97.8	345	94.8	300	82.4	182	180	98.9	174	95.6	182	176	96.7	171	94.0			
Health Board Total	1897	1831	96.5	1753	92.4	1604	84.6	954	926	97.1	892	93.5	943	905	96.0	861	91.3			
Cardiff and Vale University HB																				
Cardiff LA	915	865	94.5	806	88.1	709	77.5	457	435	95.2	410	89.7	458	430	93.9	396	86.5			
Vale of Glamorgan LA	375	355	94.7	347	92.5	313	83.5	182	172	94.5	169	92.9	193	183	94.8	178	92.2			
Health Board Total	1290	1220	94.6	1153	89.4	1022	79.2	639	607	95.0	579	90.6	651	613	94.2	574	88.2			
Cwm Taf University HB																				
Merthyr Tydfil LA	182	178	97.8	172	94.5	167	91.8	74	72	97.3	70	94.6	108	106	98.1	102	94.4			
Rhondda Cynon Taf LA	631	621	98.4	587	93.0	559	88.6	301	298	99.0	281	93.4	330	323	97.9	306	92.7			
Health Board Total	813	799	98.3	759	93.4	726	89.3	375	370	98.7	351	93.6	438	429	97.9	408	93.2			
Hywel Dda University HB																				
Carmarthenshire LA	428	407	95.1	387	90.4	354	82.7	215	204	94.9	195	90.7	213	203	95.3	192	90.1			
Ceredigion LA	172	163	94.8	153	89.0	142	82.6	79	76	96.2	73	92.4	93	87	93.5	80	86.0			
Pembrokeshire LA	346	328	94.8	307	88.7	277	80.1	166	156	94.0	152	91.6	180	172	95.6	155	86.1			
Health Board Total	946	898	94.9	847	89.5	773	81.7	460	436	94.8	420	91.3	486	462	95.1	427	87.9			
Powys Teaching HB	361	332	92.0	321	88.9	259	71.7	163	149	91.4	145	89.0	198	183	92.4	176	88.9			
Unknown	56	46	82.1	43	76.8	35	62.5	26	21	80.8	19	73.1	30	25	83.3	24	80.0			
Wales Total	8351	7975	95.5	7563	90.6	6828	81.8	4052	3882	95.8	3695	91.2	4299	4093	95.2	3868	90.0			

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 01/09/14 and 31/08/15 and resident in Wales on 31/12/14.

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	
	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(%)	(n)	(n)	(%)	(n)	(%)	(n)	(%)
ABM UHB																					
Bridgend LA	728	686	94.2	681	93.5	672	92.3	768	701	91.3	698	90.9	695	90.5	790	727	92.0	723	91.5	713	90.3
Neath Port Talbot LA	652	615	94.3	609	93.4	601	92.2	723	663	91.7	657	90.9	656	90.7	775	737	95.1	733	94.6	723	93.3
Swansea LA	1204	1103	91.6	1095	90.9	1071	89.0	1160	1052	90.7	1044	90.0	1032	89.0	1254	1135	90.5	1124	89.6	1107	88.3
Health Board Total	2584	2404	93.0	2385	92.3	2344	90.7	2651	2416	91.1	2399	90.5	2383	89.9	2819	2599	92.2	2580	91.5	2543	90.2
Aneurin Bevan UHB																					
Blaenau Gwent LA	372	347	93.3	342	91.9	333	89.5	378	360	95.2	360	95.2	353	93.4	400	368	92.0	362	90.5	358	89.5
Caerphilly LA	925	838	90.6	834	90.2	823	89.0	994	928	93.4	922	92.8	916	92.2	1024	948	92.6	935	91.3	914	89.3
Monmouthshire LA	539	431	80.0	424	78.7	418	77.6	516	411	79.7	408	79.1	402	77.9	505	388	76.8	383	75.8	378	74.9
Newport LA	871	772	88.6	761	87.4	740	85.0	940	814	86.6	804	85.5	789	83.9	997	858	86.1	847	85.0	838	84.1
Torfaen LA	469	419	89.3	414	88.3	398	84.9	540	494	91.5	492	91.1	480	88.9	574	520	90.6	521	90.8	517	90.1
Health Board Total	3176	2807	88.4	2775	87.4	2712	85.4	3368	3007	89.3	2986	88.7	2940	87.3	3500	3082	88.1	3048	87.1	3005	85.9
Betsi Cadwaladr UHB																					
Anglesey LA	346	309	89.3	306	88.4	299	86.4	362	321	88.7	318	87.8	307	84.8	356	331	93.0	329	92.4	327	91.9
Conwy LA	601	536	89.2	536	89.2	531	88.4	584	533	91.3	530	90.8	528	90.4	555	513	92.4	512	92.3	501	90.3
Denbighshire LA	500	441	88.2	438	87.6	433	86.6	547	490	89.6	488	89.2	486	88.8	527	486	92.2	482	91.5	475	90.1
Flintshire LA	808	734	90.8	725	89.7	707	87.5	787	719	91.4	713	90.6	705	89.6	834	764	91.6	760	91.1	750	89.9
Gwynedd LA	613	539	87.9	536	87.4	535	87.3	651	576	88.5	570	87.6	558	85.7	605	537	88.8	534	88.3	531	87.8
Wrexham LA	709	621	87.6	617	87.0	612	86.3	671	606	90.3	606	90.3	604	90.0	714	652	91.3	649	90.9	647	90.6
Health Board Total	3577	3180	88.9	3158	88.3	3117	87.1	3602	3245	90.1	3225	89.5	3188	88.5	3591	3283	91.4	3266	90.9	3231	90.0
Cardiff & Vale UHB																					
Cardiff LA	1751	1547	88.3	1529	87.3	1425	81.4	1797	1588	88.4	1561	86.9	1472	81.9	1895	1616	85.3	1591	84.0	1515	79.9
Vale of Glamorgan LA	694	646	93.1	643	92.7	607	87.5	720	657	91.3	653	90.7	631	87.6	815	678	83.2	663	81.3	628	77.1
Health Board Total	2445	2193	89.7	2172	88.8	2032	83.1	2517	2245	89.2	2214	88.0	2103	83.6	2710	2294	84.6	2254	83.2	2143	79.1
Cwm Taf UHB																					
Merthyr Tydfil LA	309	287	92.9	285	92.2	281	90.9	306	285	93.1	282	92.2	281	91.8	333	304	91.3	304	91.3	300	90.1
Rhondda Cynon Taf LA	1181	1126	95.3	1120	94.8	1110	94.0	1240	1183	95.4	1177	94.9	1166	94.0	1283	1219	95.0	1207	94.1	1184	92.3
Health Board Total	1490	1413	94.8	1405	94.3	1391	93.4	1546	1468	95.0	1459	94.4	1447	93.6	1616	1523	94.2	1511	93.5	1484	91.8
Hywel Dda UHB																					
Carmarthenshire LA	730	653	89.5	650	89.0	642	87.9	800	738	92.3	737	92.1	732	91.5	834	751	90.0	746	89.4	741	88.8
Ceredigion LA	315	274	87.0	272	86.3	269	85.4	305	265	86.9	262	85.9	258	84.6	339	290	85.5	288	85.0	280	82.6
Pembrokeshire LA	611	537	87.9	533	87.2	520	85.1	654	574	87.8	562	85.9	539	82.4	637	557	87.4	553	86.8	542	85.1
Health Board Total	1656	1464	88.4	1455	87.9	1431	86.4	1759	1577	89.7	1561	88.7	1529	86.9	1810	1598	88.3	1587	87.7	1563	86.4
Powys Teaching LHB	637	531	83.4	520	81.6	506	79.4	721	608	84.3	602	83.5	592	82.1	697	590	84.6	585	83.9	574	82.4
Unknown	80	64	80.0	63	78.8	61	76.3	92	65	70.7	65	70.7	64	69.6	103	71	68.9	69	67.0	68	66.0
Wales Total	15645	14056	89.8	13933	89.1	13594	86.9	16256	14631	90.0	14511	89.3	14246	87.6	16846	15040	89.3	14900	88.4	14611	86.7

Table 11. Uptake of BCG immunisation in children reaching their 1st, 2nd, 5th and 16th birthdays between 01/10/14 and 31/12/14 and resident on 31/12/14.

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	(%)
<u>Abertawe Bro Morgannwg University HB</u>	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)	(n)	(n)	(%)
Bridgend LA	390	13	3.3	431	18	4.2	410	15	3.7	389	5	1.3
Neath Port Talbot LA	373	5	1.3	377	13	3.4	369	10	2.7	376	2	0.5
Swansea LA	606	66	10.9	632	71	11.2	627	65	10.4	564	17	3.0
Health Board Total	1369	84	6.1	1440	102	7.1	1406	90	6.4	1329	24	1.8
<u>Aneurin Bevan University HB</u>												
Blaenau Gwent LA	188	6	3.2	218	5	2.3	204	6	2.9	197	0	0.0
Caerphilly LA	491	7	1.4	573	16	2.8	507	9	1.8	478	5	1.0
Monmouthshire LA	177	2	1.1	198	11	5.6	225	10	4.4	257	9	3.5
Newport LA	478	62	13.0	473	68	14.4	537	83	15.5	460	15	3.3
Torfaen LA	248	2	0.8	290	5	1.7	277	4	1.4	267	0	0.0
Health Board Total	1582	79	5.0	1752	105	6.0	1750	112	6.4	1659	29	1.7
<u>Betsi Cadwaladr University HB</u>												
Anglesey LA	189	7	3.7	203	6	3.0	212	5	2.4	190	6	3.2
Conwy LA	240	6	2.5	283	15	5.3	292	12	4.1	304	6	2.0
Denbighshire LA	230	9	3.9	276	15	5.4	283	10	3.5	299	8	2.7
Flintshire LA	431	15	3.5	385	13	3.4	447	18	4.0	414	10	2.4
Gwynedd LA	311	14	4.5	306	8	2.6	340	8	2.4	326	8	2.5
Wrexham LA	394	24	6.1	433	18	4.2	416	29	7.0	364	12	3.3
Health Board Total	1795	75	4.2	1886	75	4.0	1990	82	4.1	1897	50	2.6
<u>Cardiff and Vale University HB</u>												
Cardiff LA	1178	86	7.3	1210	231	19.1	1118	190	17.0	915	96	10.5
Vale of Glamorgan LA	344	5	1.5	339	13	3.8	401	12	3.0	375	8	2.1
Health Board Total	1522	91	6.0	1549	244	15.8	1519	202	13.3	1290	104	8.1
<u>Cwm Taf Univeristy HB</u>												
Merthyr Tydfil LA	178	20	11.2	192	8	4.2	155	11	7.1	182	2	1.1
Rhondda Cynon Taf LA	685	20	2.9	660	26	3.9	710	33	4.6	631	12	1.9
Health Board Total	863	40	4.6	852	34	4.0	865	44	5.1	813	14	1.7
<u>Hywel Dda University HB</u>												
Carmarthenshire LA	452	17	3.8	506	13	2.6	480	10	2.1	428	28	6.5
Ceredigion LA	148	6	4.1	160	6	3.8	176	20	11.4	172	5	2.9
Pembrokeshire LA	295	13	4.4	314	11	3.5	350	6	1.7	346	7	2.0
Health Board Total	895	36	4.0	980	30	3.1	1006	36	3.6	946	40	4.2
<u>Powys Teaching Health Board</u>	299	8	2.7	300	5	1.7	317	3	0.9	361	4	1.1
Unknown	21	0	0.0	33	1	3.0	26	2	7.7	56	2	3.6
Wales Total	8346	413	4.9	8792	596	6.8	8879	571	6.4	8351	267	3.2

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 01/10/14 and 31/12/14 and resident on 31/12/14.

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	1369	1	100.0	100.0	100.0	1440	1	100.0	100.0	100.0	100.0	1406	1	100.0	100.0	100.0	100.0
Aneurin Bevan UHB	1582	4	100.0	100.0	100.0	1752	0	-	-	-	-	1750	6	100.0	100.0	100.0	83.3
Betsi Cadwaladr UHB	1795	0	-	-	-	1886	0	-	-	-	-	1990	1	100.0	100.0	100.0	100.0
Cardiff and Vale UHB	1522	6	100.0	100.0	100.0	1549	4	100.0	100.0	100.0	100.0	1519	6	100.0	100.0	100.0	100.0
Cwm Taf UHB	863	0	-	-	-	852	0	-	-	-	-	865	0	-	-	-	-
Hywel Dda UHB	895	1	100.0	100.0	100.0	980	0	-	-	-	-	1006	0	-	-	-	-
Powys Teaching HB	299	0	-	-	-	300	0	-	-	-	-	317	0	-	-	-	-
Unknown	21	0	-	-	-	33	0	-	-	-	-	26	0	-	-	-	-
Wales Total	8346	12	100.0	100.0	100.0	8792	5	100.0	100.0	100.0	100.0	8879	14	100.0	100.0	100.0	92.9

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.