



## Infection report

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### Quarterly vaccination coverage statistics for children aged up to five years in the UK (COVER programme): July to September 2015

This report summarises UK quarterly vaccine coverage data for each routine childhood vaccination for children who reached their first, second, or fifth birthday during the evaluation quarter (July to September 2015). Analyses are presented at NHS England local and area team, country and UK levels.

#### Key points for the second quarterly report for 2015/16

- England and UK level data for completed two-dose rotavirus vaccine courses and one dose of MenC vaccine, evaluated at one year, are available for the first time. UK coverage is 89.3% for rotavirus and 95.4% for MenC and in England coverage is 88.4% and 94.9% respectively.
- At one year, Scotland and Northern Ireland achieved at least 97% coverage, Wales at least 96%, and England at least 93% for DTaP/IPV/Hib3, PCV2 and MenC. Within England 13 out of 25 ATs achieved at least 95% coverage for these vaccines, and 23 out of 25 achieved at least 90%.
- UK MMR coverage for two year olds decreased by 0.5% to 92.1%, reversing the increase reported in the last two quarters (92.5% and 92.6% respectively). Coverage is now around 1% lower than in the July to September 2013 quarter. In England, MMR coverage was down 0.6% to 91.5%. In Wales and Northern Ireland coverage decreased by 0.4% and 0.3% respectively although both still achieved coverage above 95%. Scotland reported an increase in MMR coverage this quarter, up 0.4% to 95.7%.
- A decrease of 0.2% to 94.9% in UK MMR1 coverage at five years means the WHO target of 95% was narrowly missed this quarter.
- Following a drop of 0.7% in UK pre-school booster coverage (DTaP/IPV) last quarter, coverage increased by 0.2% this quarter to 88.7%. Increases were seen in all countries except Scotland.

#### Results for July to September 2015

Children who reached their first birthday in the quarter (born July to September 2014) were scheduled for three doses of the combined diphtheria, tetanus, acellular pertussis, polio, and *Haemophilus influenzae* type b vaccine (DTaP/IPV/Hib vaccine), two doses of pneumococcal conjugate vaccine (PCV), one dose of meningococcal serogroup C conjugate vaccine (MenC vaccine) at three months of age and two doses of rotavirus vaccine at two and three months of age [1].

Children who reached their second birthday in the quarter (born July to September 2013) were scheduled to receive their third DTaP/IPV/Hib, second MenC and PCV vaccinations between November 2013 to January 2014, and their first measles, mumps, and rubella (MMR) vaccination, a booster dose of Hib and MenC (given as a combined Hib/MenC vaccine) and PCV vaccines at the same visit at 12 months of age, between August and October 2014 [11].

Children who reached their fifth birthday in the quarter (born July to September 2010) were scheduled to receive their third dose DTaP/IPV/Hib and second MenC and PCV vaccinations between

November 2010 and January 2011. They were also scheduled to receive their first MMR, Hib/MenC booster and PCV booster after their first birthday (July to September 2011) between August and October 2011 and their pre-school diphtheria, tetanus, acellular pertussis, inactivated polio booster and second dose MMR from October 2013.

Appendix A describes coverage evaluated at the first, second and fifth birthdays by country and NHS England local and area teams.

### **Participation and data quality**

Data were received from all Health Boards (HBs) in Scotland, Northern Ireland and Wales. In England, ATs and Child Health Record Departments (CHRDs) submitted data for all former PCTs.

In England, implementation of the new COVER Information Standard Notice (ISN) by the majority of CHIS suppliers has allowed estimates of national 12 month rotavirus and MenC coverage in England and the UK to be included in this report for the first time. The coverage estimates are based on CHIS data provided by 112/151 and 131/151 former PCTs respectively (table 1a). In Scotland, Wales and Northern Ireland the programmes extracting COVER data from CHISs have been modified to reflect these changes for some time and rotavirus and MenC coverage have been reported in the last three quarterly reports. Additionally, data representing ten former PCTs in England had data quality issues reported this quarter related to changes in information flows resulting in incomplete data returns. Individual former PCT and local authority data (available for 125/152), with any relevant caveats for missing data values, are available [here](#).

### **Coverage at 12 months**

One year old children evaluated in the current quarter (born July to September 2014), are the fourth quarterly cohort to have been routinely offered rotavirus vaccine at two and three months, and the sixth quarterly cohort offered only one primary MenC dose at three months of age [1]. UK coverage is 89.3% for rotavirus and 95.4% for MenC. In England coverage is 88.4% and 94.9% respectively (table 1a).

Compared with previously published estimates from the PHE temporary sentinel rotavirus coverage collection using information from over 95% of GPs in England via the ImmForm web platform [2], the CHIS-derived rotavirus coverage estimates are the same. Two-dose rotavirus coverage in ImmForm for the children born between July and September 2014 (i.e. the current 12 month quarterly COVER cohort), assessed at aged 25 weeks in January to March 2015, was estimated at 88.4% nationally during these months [3].

Compared with the previous quarter, UK coverage for DTaP/IPV/Hib3 and PCV2 evaluated at 12 months decreased by 0.2% and 0.1% respectively to 94.0%, 0.8% lower than the same quarter two years ago [4, 5] (table 1a). Scotland and Northern Ireland achieved at least 97% coverage, Wales at least 96%, and England at least 93% for DTaP/IPV/Hib3, PCV2 and MenC. Within England 13 out of 25 ATs achieved at least 95% coverage at 12 months for these vaccines (table 1a), and all ATs except for Surrey and Sussex, and Kent and Medway, achieved at least 90% for all three vaccines.

### **Coverage at 24 months**

Coverage achieved the 95% target for the primary course of DTaP/IPV/Hib in all four UK countries at two years of age. Lancashire (Q47), Kent and Medway (Q67), Surrey and Sussex (Q68) and London (Q71) are the only ATs with DTaP/IPV/Hib3 coverage below the 95% target (table 2b).

Compared with the previous quarter, UK coverage for Hib/MenC booster decreased by 0.3% to 92.4% and PCV booster remained at 92.6% (table 2a).

UK MMR coverage for two year olds decreased by 0.5% to 92.1%, reversing the increase reported in the last two quarters (92.5% and 92.6% respectively). Coverage is now around 1% lower than in the July to September 2013 quarter. In England, MMR coverage was down 0.6% to 91.5%. In Wales and Northern

Ireland coverage decreased by 0.4% and 0.3% respectively although both still achieved coverage above 95%. Scotland reported an increase in MMR coverage this quarter, up 0.4% to 95.7% (table 2a).

### **Coverage at five years**

A decrease of 0.2% to 94.9% in UK MMR1 coverage at five years means the WHO target of 95% was narrowly missed this quarter. All countries achieved the WHO target except England where coverage was 94.5%, although 19/25 Area Teams achieving at least 95% (table 3b). UK MMR2 coverage decreased by 0.5% to 88.7%; all countries had lower coverage than in the previous quarter (table 3a).

UK coverage evaluated at five years for DTaP/IPV/Hib3 and Hib/MenC booster increased by 0.1% compared to the previous quarter, to 96.2% and 93.7% respectively. Following a drop of 0.7% in UK pre-school booster coverage (DTaP/IPV) last quarter, the current evaluation showed an increase of 0.2% to 88.7%; increases were seen in all countries except Scotland (table 3a). All devolved administrations and 14 English ATs achieved at least 90% coverage for the DTaP/IPV booster.

### **Neonatal hepatitis B vaccine coverage in England: July to September 2015**

Vaccine coverage data in England for three doses of hepatitis B vaccine, in infants born to hepatitis B surface antigen (HBsAg) positive mothers, who reached the age of one year in this quarter (i.e. those born between July and September 2014), and coverage of four doses of vaccine in infants who reached two years of age (i.e. those born between July and September 2013) are presented by Area Team in table 4.

PHE received 12 and 24 month coverage returns for 125/151 (83%) former PCTs. The quality of these data is variable and coverage by area team relies on small numbers and as such should be interpreted with additional caution. Compared to the previous quarter, coverage for three doses by 12 months of age increased by 2% to 87%, and decreased by 3% to 72% for those receiving four doses by 24 months [4] (table 4).

### ***Relevant links for country-specific coverage data***

#### **England**

<http://www.ic.nhs.uk/statistics-and-data-collections/health-and-lifestyles/immunisation>

#### **Northern Ireland**

<http://www.publichealthagency.org/directorate-public-health/health-protection/vaccination-coverage>

#### **Scotland**

<http://www.isdscotland.org/Health-Topics/Child-Health/Immunisation/>

#### **Wales**

<http://www.wales.nhs.uk/sites3/page.cfm?orgid=457&pid=54144/>

#### **Other relevant links**

<https://www.gov.uk/government/collections/immunisation>

## References

1. Department of Health/Public Health England/NHS England. [Changes to the schedule for meningococcal serogroup C conjugate vaccine](#) (NHS England/PHE/DH letter, 7 May 2013).
  2. DH and PHE guidance, 30 April, 2013. National immunisation programme: planned changes for 2013 to 2014. <https://www.gov.uk/government/publications/national-immunisation-programme-planned-changes-for-2013-to-2014>
  3. Public Health England (2015). Rotavirus infant immunisation programme 2014/15: Vaccine uptake report on the temporary sentinel data collection for England. Available at [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/440456/RotavirusGatewayFinalVersion.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/440456/RotavirusGatewayFinalVersion.pdf)
  4. Public Health England (2015). Vaccination coverage statistics for children up to the age of five years in the United Kingdom, April to June 2015. *HPR 9* (34). Available at <https://www.gov.uk/government/statistics/cover-of-vaccination-evaluated-rapidly-cover-programme-2014-to-2015-quarterly-data>
  5. Public Health England (2013). Vaccination coverage statistics for children up to the age of five years in the United Kingdom, July to September 2015. *HPR 7* (51). Available at <https://www.gov.uk/government/statistics/cover-of-vaccination-evaluated-rapidly-cover-programme-2013-to-2014-quarterly-figures>
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## Appendix: Tables

**Table 1a. Completed UK primary immunisations at 12 months by country and English Local Teams: July to September 2015 (April to June 2015)**

	Country	No. of PCTs/ HBs†	DTaP/IPV/Hib3 %	MenC%	PCV2%	Rota2%
	<b>United Kingdom</b>	<b>176</b>	<b>94.0 (94.2)</b>	<b>95.4 (n/a)</b>	<b>94.0 (94.1)</b>	<b>89.3 (n/a)</b>
	<b>Wales</b>	<b>7</b>	<b>96.6 (96.9)</b>	<b>97.8 (98.1)</b>	<b>96.6 (96.8)</b>	<b>93.2 (94.4)</b>
	<b>Northern Ireland</b>	<b>4</b>	<b>97.2 (97.4)</b>	<b>98.2 (98.4)</b>	<b>97.1 (97.3)</b>	<b>94.1 (94.9)</b>
	<b>Scotland</b>	<b>14</b>	<b>97.2 (97.3)</b>	<b>97.9 (98.1)</b>	<b>97.2 (97.3)</b>	<b>93.0 (93.2)</b>
	<b>England (Total)</b>	<b>151</b>	<b>93.5 (93.6)</b>	<b>94.9 (n/a)</b>	<b>93.5 (93.5)</b>	<b>88.4 (n/a)</b>
<b>LT code</b>	<b>NHS England Local Teams</b>					
Q70	Wessex	6	94.9 (95.5)	96.1 (n/a)	95.0 (95.3)	93.0 (n/a)
Q71	London	31	90.2 (90.0)	92.2 (n/a)	90.0 (90.1)	85.4 (n/a)
Q72	North (Yorkshire & Humber)	15	95.1 (95.7)	96.3 (n/a)	95.1 (95.6)	91.0 (n/a)
Q73	North (Lancashire & Grt Manchester)	15	94.3 (92.9)	94.8 (n/a)	94.3 (91.9)	80.3 (n/a)
Q74	North (Cumbria & North East)	13	96.4 (96.6)	97.4 (n/a)	96.3 (96.4)	87.2 (n/a)
Q75	North (Cheshire & Merseyside)	8	95.2 (95.9)	97.0 (n/a)	95.3 (95.7)	91.0 (n/a)
Q76	Midlands & East (North Midlands)	9	95.6 (96.2)	97.3 (n/a)	95.3 (95.8)	91.1 (n/a)
Q77	Midlands & East (West Midlands)	12	93.5 (93.7)	96.1 (n/a)	93.1 (93.8)	87.8 (n/a)
Q78	Midlands & East (Central Midlands)	8	95.9 (96.1)	97.1 (n/a)	95.9 (95.9)	92.0 (n/a)
Q79	Midlands & East (East)	10	95.6 (95.8)	96.6 (n/a)	95.4 (95.6)	87.1 (n/a)
Q80	South (South West)	8	94.0 (94.6)	96.3 (n/a)	94.3 (95.0)	88.0 (n/a)
Q81	South (South East)	8	88.0 (88.5)	87.9 (n/a)	88.6 (89.1)	85.0 (n/a)
Q82	South (South Central)	8	94.1 (94.4)	95.6 (n/a)	94.0 (94.0)	91.3 (n/a)

† Primary Care Trusts/health boards.

**Table 1b. Completed UK primary immunisations at 12 months NHS England Area Teams : July to September 2015 (April to June 2015)**

<i>NHS England Local team code*</i>	English Area Team (AT code)	No. of former PCT's	DTaP/IPV/Hib3%	MenC% <sup>1</sup>	PCV2%	Rota2% <sup>2</sup>
Q70	Wessex (Q70)	6	95.3 (95.5)	96.5 (n/a)	95.4 (95.3)	93.5 (n/a)
Q71	London (Q71)	31	90.2 (90.0)	92.2 (n/a)	90.0 (90.1)	85.4 (n/a)
Q72	N Yorkshire and Humber (Q50)	5	95.3 (96.2)	96.8 (n/a)	95.7 (96.1)	93.3 (n/a)
	S Yorkshire and Bassetlaw (Q51)	5	94.8 (95.1)	96.6 (n/a)	94.5 (94.8)	88.6 (n/a)
	W Yorkshire (Q52)	5	95.1 (95.8)	95.6 (n/a)	95.1 (95.8)	91.3 (n/a)
Q73	Greater Manchester (Q46)	10	94.6 (94.5)	96.8 (96.5)	94.6 (94.3)	80.3 (n/a)
	Lancashire (Q47)	5	93.4 (89.6)	90.8 (94.2)	93.5 (87.0)	n/a <sup>3</sup> (n/a)
Q74	Durham, Darlington and Tees (Q45)	6	96.4 (96.4)	97.1 (n/a)	96.7 (96.1)	95.3 (n/a)
	Cumbria, Northumberland, Tyne and Wear (Q49)	7	96.4 (96.7)	97.6 (n/a)	96.1 (96.5)	84.1 (n/a)
Q75	Cheshire, Warrington and Wirral (Q44)	4	95.6 (96.6)	97.0 (97.9)	95.9 (96.4)	92.4 (n/a)
	Merseyside (Q48)	4	94.7 (95.1)	97.0 (n/a)	94.7 (94.9)	89.5 (n/a)
Q76	Derbyshire and Nottinghamshire (Q55)	4	94.9 (95.4)	96.4 (n/a)	94.5 (94.8)	88.5 (n/a)
	Shropshire and Staffordshire (Q60)	5	96.5 (97.3)	98.1 (98.2)	96.5 (97.1)	93.4 (93.6)
Q77	Arden, Herefordshire and Worcestershire (Q53)	4	96.4 (97.0)	97.8 (98.0)	94.9 (96.9)	91.9 (94.0)
	Birmingham and the Black Country (Q54)	8	92.0 (92.1)	95.1 (n/a)	92.1 (92.2)	86.2 (n/a)
Q78	Hertfordshire and the S Midlands (Q58)	5	96.1 (96.3)	97.2 (n/a)	96.1 (95.9)	92.6 (n/a)
	Leicestershire and Lincolnshire (Q59)	3	95.6 (95.9)	97.1 (96.7)	95.6 (96.0)	90.9 (92.6)
Q79	East Anglia (Q56)	5	95.6 (95.6)	96.6 (n/a)	95.4 (95.4)	81.5 (n/a)
	Essex (Q57)	5	95.5 (96.1)	96.6 (96.9)	95.4 (96.0)	91.4 (n/a)
Q80	Bristol, N Somerset, Somerset and S Gloucestershire (Q65)	4	95.3 (95.7)	97.0 (97.6)	95.4 (96.0)	89.8 (90.6)
	Devon, Cornwall, Isles of Scilly (Q66)	4	92.8 (93.4)	95.6 (96.4)	93.2 (93.8)	86.3 (85.2)
Q81	Kent and Medway (Q67)	3	89.4 (89.1)	92.4 (n/a)	89.1 (89.4)	84.2 (n/a)
	Surrey and Sussex (Q68)	5	87.0 (88.0)	84.3 (n/a)	88.3 (88.8)	86.3 (n/a)
Q82	Bath, Gloucestershire, Swindon and Wiltshire (Q64)	4	94.1 (95.0)	96.0 (97.5)	94.1 (94.8)	92.4 (n/a)
	Thames Valley (Q69)	4	94.1 (94.0)	95.3 (95.3)	94.0 (93.5)	93.0 (90.7 <sup>2</sup> )

n/a accurate estimate not available (see commentary above)

<sup>1</sup>based on coverage data from 131/151 former PCTs, see full tables [here](#)

<sup>2</sup>based on coverage data from 112/151 former PCTs, see full tables [here](#)

<sup>3</sup>data quality issues reported

\* See table 1a for key to local team organisational code

**Table 2a. Completed UK primary immunisations at 24 months by country and NHS England local team: July to September 2015 (April to June 2015)**

Country	No. of former PCTs/ HBs†	DTaP/IPV/Hib3 %	PCV booster %	Hib/MenC %	MMR1 %
<b>United Kingdom</b>	<b>176</b>	<b>95.8 (95.9)</b>	<b>92.6 (92.6)</b>	<b>92.4 (92.7)</b>	<b>92.1 (92.6)</b>
<b>Wales</b>	<b>7</b>	<b>97.7 (97.6)</b>	<b>95.7 (96.1)</b>	<b>94.9 (95.0)</b>	<b>95.4 (95.8)</b>
<b>Northern Ireland</b>	<b>4</b>	<b>98.3 (98.2)</b>	<b>95.8 (95.9)</b>	<b>95.8 (95.8)</b>	<b>95.8 (96.1)</b>
<b>Scotland</b>	<b>14</b>	<b>97.9 (97.9)</b>	<b>95.7 (95.4)</b>	<b>95.9 (95.6)</b>	<b>95.7 (95.3)</b>
<b>England (Total)</b>	<b>151</b>	<b>95.4 (95.5)</b>	<b>92.1 (92.1)</b>	<b>91.8 (92.2)</b>	<b>91.5 (92.1)</b>
<b>NHS England local teams*</b>					
Q70	6	95.9 (96.8)	93.5 (93.9)	94.3 (94.0)	93.2 (94.1)
Q71	13	93.0 (92.8)	86.5 (86.3)	86.4 (86.4)	86.0 (86.7)
Q72	15	97.1 (97.1)	94.7 (94.8)	94.3 (94.8)	94.0 (94.3)
Q73	15	94.3 (94.9)	91.9 (92.0)	91.8 (91.9)	92.0 (92.4)
Q74	13	98.2 (97.7)	95.5 (95.5)	95.7 (95.7)	95.0 (95.3)
Q75	8	96.5 (97.0)	93.5 (93.8)	94.3 (94.8)	93.3 (94.3)
Q76	9	97.3 (97.6)	94.0 (94.9)	94.2 (94.7)	93.6 (94.4)
Q77	12	96.3 (95.8)	92.9 (92.6)	92.7 (92.8)	92.6 (92.6)
Q78	8	97.2 (97.4)	95.1 (95.0)	95.1 (95.2)	94.6 (94.6)
Q79	10	96.2 (96.7)	93.6 (94.6)	93.3 (94.6)	92.6 (94.0)
Q80	8	96.9 (96.8)	96.8 (93.8)	93.2 (93.8)	93.4 (93.6)
Q81	8	90.7 (91.6)	87.2 (88.8)	87.1 (89.0)	87.0 (88.7)
Q82	8	96.3 (96.0)	92.7 (93.1)	92.8 (92.9)	92.8 (93.0)

\* See table 1a for key to local team organisational code.

† Primary Care Trusts/health boards



**Table 2b. Completed primary immunisations at 24 months by NHS England Area Teams : July to September 2015 (April to June 2015)**

NHS England Local Team Code*	Area Team code*	No. of former PCTs†	DTaP/IPV/Hib3 %	PCV booster %	Hib/MenC %	MMR1 %
Q70	Q70	6	95.9 (96.8)	93.5 (93.9)	94.3 (94.0)	93.2 (94.1)
Q71	Q71	31	93.0 (92.8)	86.5 (86.3)	86.4 (86.4)	86.0 (86.7)
Q72	Q50	5	96.8 (97.3)	94.5 (95.6)	93.5 (94.9)	93.9 (95.1)
	Q51	5	96.7 (96.7)	93.9 (93.3)	93.7 (94.0)	92.6 (92.9)
	Q52	5	97.5 (97.3)	95.3 (95.1)	95.2 (95.2)	94.8 (94.7)
Q73	Q46	10	97.0 (96.9)	93.5 (93.5)	93.2 (93.2)	93.6 (93.9)
	Q47	5	88.6 (90.5)	88.5 (89.0)	88.9 (89.0)	88.7 (89.3)
Q74	Q45	6	98.3 (97.7)	96.0 (95.4)	96.8 (95.8)	95.5 (95.1)
	Q49	7	98.1 (97.7)	95.1 (95.6)	94.9 (95.7)	94.6 (95.5)
Q75	Q44	4	96.6 (97.1)	93.1 (93.4)	94.8 (95.8)	94.0 (94.7)
	Q48	4	96.4 (97.0)	93.9 (94.3)	93.8 (93.7)	92.5 (92.8)
Q76	Q55	4	97.2 (97.2)	93.2 (93.8)	93.4 (93.7)	92.8 (93.4)
	Q60	5	97.6 (98.2)	95.0 (96.2)	95.1 (96.0)	94.7 (95.7)
Q77	Q53	4	98.3 (98.4)	96.3 (96.0)	96.3 (96.5)	96.2 (96.8)
	Q54	8	95.3 (94.5)	91.3 (90.9)	90.9 (91.0)	90.8 (90.6)
Q78	Q58	5	97.2 (97.3)	95.4 (95.2)	95.3 (95.3)	94.7 (94.6)
	Q59	3	97.3 (97.6)	94.6 (94.7)	94.5 (95.0)	94.5 (94.8)
Q79	Q56	5	95.7 (96.5)	93.0 (93.6)	92.5 (93.8)	92.3 (93.4)
	Q57	5	96.7 (97.1)	94.4 (95.7)	94.3 (95.7)	93.1 (94.8)
Q80	Q65	4	97.0 (97.4)	97.2 (94.4)	93.8 (94.4)	93.7 (93.6)
	Q66	4	96.8 (96.1)	96.4 (93.2)	92.6 (93.2)	93.1 (93.5)
Q81	Q67	3	92.6 (92.6)	89.0 (89.7)	89.5 (90.2)	88.9 (89.7)
	Q68	5	89.5 (91.0)	86.0 (88.1)	85.5 (88.3)	85.8 (88.0)
Q82	Q64	4	96.6 (96.8)	92.9 (94.0)	93.0 (93.5)	92.5 (93.3)
	Q69	4	96.1 (95.4)	92.7 (92.4)	92.7 (92.5)	93.0 (92.8)

\* See table 1a and 1b for keys to NHS England local team/Area Team organisational code.

† former Primary Care Trusts



**Table 3a. Completed UK primary immunisations and boosters at five years by country and NHS England local team: July to September 2015 (April to June 2015)**

Country	Number of PCTs/HBs†	Primary		Booster		
		DTaP/IPV Hib3%	MMR1%	MMR2%	DTaP/IPV%	Hib/MenC%
<b>United Kingdom</b>	<b>176</b>	<b>96.2 (96.1)</b>	<b>94.9 (95.1)</b>	<b>88.7 (89.2)</b>	<b>88.7 (88.5)</b>	<b>93.7 (93.6)</b>
<b>Wales</b>	<b>7</b>	<b>97.1 (97.1)</b>	<b>97.2 (97.2)</b>	<b>92.3 (92.6)</b>	<b>92.5 (92.3)</b>	<b>94.5 (94.5)</b>
<b>N. Ireland</b>	<b>4</b>	<b>98.2 (98.0)</b>	<b>97.6 (97.6)</b>	<b>93.0 (93.2)</b>	<b>92.2 (93.6)</b>	<b>96.6 (96.7)</b>
<b>Scotland</b>	<b>14</b>	<b>98.2 (98.5)</b>	<b>97.0 (97.5)</b>	<b>93.2 (93.5)</b>	<b>94.0 (94.2)</b>	<b>96.1 (96.5)</b>
<b>England (Total)</b>	<b>151</b>	<b>95.9 (95.8)</b>	<b>94.5 (94.7)</b>	<b>87.9 (88.5)</b>	<b>87.9 (87.7)</b>	<b>93.3 (93.2)</b>
<i>English Local Teams</i>						
Q70	6	95.7 (95.5)	94.7 (94.4)	89.5 (90.0)	89.6 (90.5)	93.4 (93.0)
Q71	31	93.2 (93.0)	91.2 (91.5)	80.5 (80.4)	79.8 (78.4)	89.3 (88.8)
Q72	15	97.2 (97.1)	96.1 (96.2)	90.8 (91.7)	91.5 (92.1)	95.5 (95.6)
Q73	15	96.5 (96.5)	96.0 (96.3)	88.2 (89.8)	85.5 (89.1)	93.5 (93.7)
Q74	13	97.6 (97.9)	96.4 (97.0)	92.8 (93.3)	93.2 (94.0)	96.3 (96.8)
Q75	8	96.8 (96.6)	97.0 (96.9)	90.6 (90.9)	91.2 (91.6)	95.0 (95.0)
Q76	9	97.7 (97.8)	96.5 (96.6)	91.1 (91.8)	92.5 (92.2)	96.2 (96.1)
Q77	12	96.6 (96.5)	96.2 (96.3)	88.9 (88.8)	88.0 (87.7)	93.1 (93.2)
Q78	8	97.3 (97.1)	96.0 (96.0)	91.9 (91.8)	92.6 (92.4)	95.0 (94.4)
Q79	10	96.1 (96.7)	93.9 (94.9)	90.3 (92.0)	91.0 (92.0)	94.2 (94.4)
Q80	8	97.6 (96.9)	95.5 (96.2)	91.1 (90.8)	88.2 (87.0)	95.8 (95.0)
Q81	8	92.7 (92.5)	90.1 (90.5)	82.0 (83.7)	83.2 (82.9)	90.5 (89.8)
Q82	8	96.7 (96.7)	95.5 (95.6)	90.1 (91.3)	89.5 (90.1)	94.2 (94.5)

\* See table 1a for key to NHS England local team organisational code.

**3b. Completed primary immunisations and boosters at five years by NHS England Area Team, July to September 2015 (April to June 2015)**

NHS England local team Code*	Area Team (AT) code*	No. of former PCTs† in AT	Primary		Booster		
			DTaP/IPV Hib3 %	MMR1 %	MMR2 %	DTaP/ IPV %	Hib/ MenC
Q70	Q70	6	95.7 (95.5)	94.7 (94.4)	89.5 (90.0)	89.6 (90.5)	93.4 (93.0)
Q71	Q71	31	93.0 (93.0)	91.5 (91.5)	80.4 (80.4)	78.5 (78.5)	88.8 (88.8)
Q72	Q50	5	96.8 (97.4)	96.0 (96.5)	90.8 (92.4)	90.9 (92.4)	94.3 (94.7)
	Q51	5	97.1 (96.4)	95.4 (95.4)	89.9 (90.3)	91.1 (90.7)	95.2 (95.6)
	Q52	5	97.5 (97.2)	96.6 (96.5)	91.4 (92.1)	92.1 (92.6)	96.3 (96.4)
Q73	Q46	10	96.9 (96.7)	96.2 (96.6)	90.7 (91.6)	88.7 (89.7)	93.6 (94.1)
	Q47	5	95.6 (96.1)	95.6 (95.7)	83.0 (86.2)	78.9 (79.2)	93.1 (93.1)
Q74	Q45	6	97.6 (97.9)	96.6 (96.7)	92.8 (93.2)	93.4 (94.0)	96.5 (96.7)
	Q49	7	97.7 (97.8)	96.2 (97.1)	92.8 (93.4)	93.0 (93.9)	96.2 (96.9)
Q75	Q44	4	96.8 (96.2)	96.7 (96.4)	91.6 (91.2)	92.2 (92.2)	95.1.2 (94.2)
	Q48	4	96.8 (97.0)	97.3 (97.4)	89.6 (90.6)	90.2 (90.9)	94.9 (95.9)
Q76	Q55	4	97.7 (97.8)	96.3 (96.0)	90.5 (91.3)	92.4 (91.8)	96.0 (95.6)
	Q60	5	97.7 (97.8)	96.7 (97.3)	92.0 (92.4)	92.6 (92.7)	96.4 (96.7)
Q77	Q53	4	97.5 (97.5)	97.7 (97.5)	92.6 (92.8)	92.2 (92.1)	94.2 (93.9)
	Q54	8	96.0 (96.0)	95.4 (95.6)	86.8 (86.5)	85.7 (85.2)	92.5 (92.7)
Q78	Q58	5	97.2 (96.9)	95.7 (95.7)	91.8 (92.1)	92.6 (92.8)	95.7 (95.0)
	Q59	3	97.4 (97.4)	96.5 (96.5)	92.0 (91.2)	92.7 (91.6)	93.8 (93.3)
Q79	Q56	5	95.3 (96.2)	93.1 (94.2)	88.8 (91.4)	89.5 (90.7)	93.0 (93.1)
	Q57	5	97.1 (97.4)	94.9 (95.8)	92.2 (92.7)	93.0 (93.7)	95.8 (96.2)
Q80	Q65	4	98.0 (97.9)	96.6 (97.1)	90.7 (91.5)	88.8 (88.8)	96.3 (96.1)
	Q66	4	97.2 (96.0)	94.5 (95.3)	91.4 (90.2)	87.6 (85.2)	95.4 (94.0)
Q81	Q67	3	95.2 (95.4)	93.4 (94.5)	81.3 (87.4)	85.5 (87.2)	93.6 (93.3)
	Q68	5	91.1 (90.7)	87.9 (88.0)	82.5 (81.3)	81.6 (80.2)	88.4 (87.5)
Q82	Q64	4	97.2 (96.9)	95.5 (95.9)	90.8 (91.9)	90.8 (91.7)	95.1 (95.3)
	Q69	4	96.4 (96.5)	95.4 (95.3)	89.6 (90.9)	88.8 (89.2)	93.7 (94.1)

\* See table 1a and 1b for keys to NHS England local team/Area Team organisational code .

† former Primary Care Trusts

**Table 4. Neonatal hepatitis B coverage in England by NHS England Area Team July to September 2015 (April to June 2015)**

Area Team (AT code)*	Former PCT returns with 12 month data	12 month denominator	% Coverage at 12 months	Former PCT returns with 24 month data	24 month denominator	% Coverage at 24 months
Q44	2 of 4	2	100 (100)	2 of 4	1	100 (100)
Q45	6 of 6	4	100 (100)	6 of 6	5	80 (100)
Q46	9 of 10	55	73 (55)	9 of 10	94	37 (31)
Q47	0 of 5	–	– (–)	0 of 5	–	– (–)
Q48	2 of 4	8	75 (71)	2 of 4	7	86 (80)
Q49	7 of 7	1	0 (83)	7 of 7	6	100 (100)
Q50	5 of 5	3	67 (100)	5 of 5	12	42 (100)
Q51	5 of 5	14	100 (92)	5 of 5	8	100 (100)
Q52	5 of 5	30	83 (100)	5 of 5	18	94 (94)
Q53	4 of 4	15	100 (83)	4 of 4	9	89 (100)
Q54	6 of 8	30	100 (83)	6 of 8	25	64 (67)
Q55	4 of 4	8	100 (100)	4 of 4	14	79 (88)
Q56	5 of 5	8	100 (100)	5 of 5	15	100 (80)
Q57	5 of 5	11	91 (89)	5 of 5	7	100 (100)
Q58	5 of 5	38	97 (100)	5 of 5	23	100 (94)
Q59	3 of 3	11	36 (17)	3 of 3	8	88 (29)
Q60	5 of 5	6	100 (83)	5 of 5	10	100 (100)
Q64	4 of 4	4	100 (100)	4 of 4	5	80 (80)
Q65	4 of 4	6	50 (100)	4 of 4	8	75 (100)
Q66	4 of 4	3	100 (100)	4 of 4	2	100 (–)
Q67	3 of 3	15	100 (100)	3 of 3	12	100 (100)
Q68	1 of 5	10	10 (100)	1 of 5	26	19 (100)
Q69	4 of 4	32	78 (90)	4 of 4	24	83 (94)
Q70	5 of 6	25	100 (100)	5 of 6	3	100 (89)
Q71	22 of 31	174	91 (88)	22 of 31	197	80 (81)
<b>England</b>	<b>125 of 151</b>	<b>513</b>	<b>87 (85)</b>	<b>125 of 151</b>	<b>539</b>	<b>72 (75)</b>

\* See table 1b for key to NHS England Area Team organisational code

Notes: “ – ” indicates “no data available” for the denominator but “not applicable” for coverage; see table 1a for key to Area Team organisational codes.