



NHS Immunisation Statistics, England 2011-12

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Executive Summary

This publication reports immunisation statistics for England for 2011-12. Most of the immunisation statistics relate to routine childhood vaccinations which are offered to all children at specified ages. For most vaccinations, the number of persons vaccinated as a proportion of the eligible population (coverage) is reported.

The statistics are used to inform the development and evaluation of government policy on immunisation and to assess the delivery of different immunisations in the national programme. The statistics also help inform vaccine policy decisions, such as national and regional catch-up programmes for specific immunisations. At a regional and local level, the statistics are used by Strategic Health Authorities (SHAs) and Primary Care Trusts (PCTs) to monitor performance.

Most of the vaccination data used in this report are collected annually from PCTs and extracted from Child Health Information Systems. Data on seasonal flu are collected from GP practices. The statistics are presented at national, regional (SHA) and local (PCT) level.

Main Findings

Although data quality has improved for the 2011-12 reporting year, some caution should still be exercised when comparing coverage figures, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. While this issue will be more apparent at a local level, it will also have an impact on the national figures.

Reported coverage figures for all routine childhood vaccinations reported through the COVER programme in 2011-12 showed an increase at national level. Most regions also reported increases in coverage for each of the routine childhood vaccinations measured at one, two and five years. Although coverage in London remains lower than in other regions, London reported increases in coverage for all routine childhood vaccinations in 2011-12.

In 2011-12, PCTs reported that 94.7% of children reaching their first birthday had completed primary immunisation courses against **Diphtheria, Tetanus, Pertussis, Polio and *Haemophilus influenzae* type b (DTaP/IPV/Hib)**. This compares with 94.2% in 2010-11.

Figures reported by PCTs show that coverage of the **Measles, Mumps and Rubella (MMR)** vaccine in England for children reaching their second birthday was 91.2% in 2011-12, compared to 89.1% in 2010-11. This is the first time that coverage has exceeded 90% since 1997-98. All SHAs reported increases in MMR coverage at two years in 2011-12.

Despite increases in recent years, MMR coverage is still below the World Health Organization target of 'at least 95% coverage'. Coverage was highest in South Central SHA (93.5%) and lowest in London SHA (86.1%).

National coverage of the **Pneumococcal Conjugate Vaccine (PCV)** booster at 24 months also exceeded 90% for the first time in 2011-12. PCTs reported that in 2011-12, 91.5% of children in England had received the PCV booster as measured at 24 months. This compares with 89.3% in 2010-11.

In 2011-12, vaccination coverage in England was, in most cases, below that of other UK countries.

Coverage data for the combined ***Haemophilus influenzae* type b** and **Meningococcal group C (Hib/MenC)** booster vaccination at 5 years are available for the first time this year and reported as experimental statistics. PCTs reported that in 2011-12, 88.9% of children in England had received the combined Hib/MenC booster as measured at five years.

Introduction

This publication reports immunisation statistics for England for 2011-12. Most of the immunisation statistics relate to routine childhood vaccinations which are offered to all children at specified ages. This publication also covers some non-routine vaccinations which are targeted at particular risk groups within the population. For most vaccinations, the number of persons vaccinated as a proportion of the eligible population (coverage) is reported.

The statistics are used to inform the development and evaluation of government policy on immunisation and to assess the delivery of different immunisations in the national programme. The statistics also help inform vaccine policy decisions, such as national and regional catch-up programmes for specific immunisations. At a regional and local level, the statistics are used by Strategic Health Authorities (SHAs) and Primary Care Trusts (PCTs) to monitor performance. A number of the statistics from this publication will also be used as indicators for the government's Public Health Outcomes Framework².

1.1 Background

Immunity is the ability of the body to protect itself from infectious disease³. Immunisation programmes provide protection to vaccinated individuals and can provide protection to the wider unvaccinated population. Where this occurs it is known as 'herd immunity'.

Herd immunity is a term used to describe:

“.... a form of immunity that occurs when the vaccination of a significant portion of a population (or herd) provides a measure of protection for individuals who have not developed immunity”⁴.

² For more information on the Public Health Outcomes Framework see: <http://www.dh.gov.uk/health/2012/01/public-health-outcomes/>

³ Source: 'Immunisation against infectious disease' (2006), Dr David Salisbury, Dr Mary Ramsay, Dr Karen Noakes (Eds), Dept of Health.

⁴ John TJ, Samuel R (2000). "Herd immunity and herd effect: new insights and definitions". *Eur. J. Epidemiol.* **16** (7): 601–6. DOI:10.1023/A:1007626510002. PMID 11078115

Herd immunity only applies to diseases that are contagious. It does not apply to diseases such as tetanus which is not passed from person-to-person and where the vaccine protects only the vaccinated person from disease.

Routine Childhood Immunisations

Currently the European Region of the World Health Organization (WHO) recommends that on a national basis at least 95% of children are immunised against diseases preventable by immunisation and targeted for elimination or control (specifically, diphtheria, tetanus, pertussis, polio, Hib, measles, mumps and rubella)⁵. The routine childhood immunisation programme for the UK includes these immunisations recommended by WHO as well as a number of others as defined by the Department of Health in 'Immunisation against infectious diseases – the Green Book'.⁶ The schedule for the programme is shown in Table A below. Further details on the immunisation programme, which is continuously reviewed and updated, can be found at:

<http://www.dh.gov.uk/health/category/policy-areas/public-health/immunisation/>

Table A: Routine Immunisations

Disease (Vaccine)	Age	Notes
Diphtheria, tetanus, pertussis, polio and <i>Haemophilus influenzae</i> type b (DTaP/IPV/Hib)	1st dose: 2 months 2nd dose: 3 months 3rd dose: 4 months	Primary course
Pneumococcal disease (PCV)	1st dose: 2 months 2nd dose: 4 months	Primary course
Meningococcal group C (MenC)	1st dose: 3 months 2nd dose: 4 months	Primary course
<i>Haemophilus influenzae</i> type b and Meningococcal group C (Hib / MenC)	Between 12 and 13 months	Booster
Measles/mumps/rubella (MMR)	Between 12 and 13 months	First dose
Pneumococcal disease (PCV)	Between 12 and 13 months	Booster
Diphtheria, tetanus, pertussis, and polio (dTaP/IPV or DTaP/IPV)	3yrs/4 months to 5yrs	Booster: 3 years after completion of primary course
Measles/mumps/rubella (MMR)	3yrs/4 months to 5yrs	Second dose
Human papillomavirus (HPV)*	Girls aged 12-13 yrs	Course of 3 doses
Diphtheria, tetanus and polio (Td/IPV)	13 to 18yrs	Booster

*HPV vaccination information is not included in this report. This is published separately and the 2010-11 publication on HPV can be found at: https://www.wp.dh.gov.uk/immunisation/files/2012/03/120319_HP_V_UptakeReport2010-11-revised_acc.pdf

⁵ Source: http://www.euro.who.int/_data/assets/pdf_file/0010/98398/wa540ga199heeng.pdf

⁶ Source: <http://www.dh.gov.uk/en/PublicHealth/Immunisation/Greenbook/index.htm>

Non-Routine Immunisations

In addition to the routine vaccinations shown in Table A, there are a number of non-routine vaccines – see Table B below.

Table B: Non-Routine Immunisations

Vaccine	Age	Notes
Hepatitis B	Birth to 12 months	Given to 'At Risk' Groups/4 Doses
BCG	Birth onwards	Given to 'At Risk' Groups/1 Dose

The aim of the UK Bacillus Calmette-Guerin (BCG) immunisation programme is to immunise those at increased risk of developing severe disease and/or of exposure to tuberculosis (TB) infection. Information on those groups which should be offered the vaccine can be found in the 'Green Book':

<http://immunisation.dh.gov.uk/green-book-chapters/chapter-32/>

NICE also publish guidelines on BCG vaccination which can be found on their website:

<http://guidance.nice.org.uk/CG117>

The main body of this report does not cover statistics relating to the selective neonatal hepatitis B vaccination programme as there are some issues around the quality of data for this vaccination at present. However, neonatal hepatitis B vaccine coverage data are published as 'experimental statistics' at PCT level and are available in Annex A of this report. Information on neonatal hepatitis B vaccination can be found in the 'Green Book':

<https://www.wp.dh.gov.uk/immunisation/files/2012/07/chap-18.pdf>

Adult Immunisations

In 2011-12, seasonal flu vaccine was offered to all those aged 65 years and over, people with certain long-term medical conditions (for example, chronic respiratory and cardiac disease), front-line health and social care workers and pregnant women. Each year the composition of the seasonal flu vaccine is designed to protect against the influenza viruses that the World Health Organization decides are most likely to be circulating in the coming

winter⁷. The World Health Organization recommended that 75% coverage for those aged 65 and over should be achieved by 2010. This publication includes information on those aged 65 and over receiving the seasonal flu vaccine. More information on the seasonal flu vaccination and the other groups vaccinated in 2011-12 is available from the Department of Health:

<http://immunisation.dh.gov.uk/>

The Health Protection Agency (HPA) produces an annual summary of seasonal influenza activity in the UK which is available through the following link:

<http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/SeasonalInfluenza/EpidemiologicalData/07influsInfluenzaannualreports/>

Flu vaccination data at GP practice level are available on the HSCIC's website through the following link:

<https://indicators.ic.nhs.uk/webview/velocity?v=2&mode=documentation&submode=ddi&study=http%3A%2F%2Fhg-l-app-472.ic.green.net%3A80%2Fobj%2FStudy%2FP01268>

⁷ Source :

http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/@dh/@en/documents/digitalasset/dh_127082.pdf

1.2 Quality Statement

1.2.1 Data Sources

Most of the vaccination data used in this report are collected annually from PCTs and extracted from Child Health Information Systems. Data on seasonal flu are collected from GP practices. Three separate collections are used to gather the data as follows:

1) Cover of Vaccination Evaluated Rapidly (COVER)

Information on childhood immunisation coverage at ages one, two and five is collected through the UK COVER collection by the HPA Health Protection Services (HPS). These aggregated data are collected from Child Health Information Systems (CHISs) which are computerised systems storing clinical records supporting health promotion and prevention activities for children, including immunisation. In England, COVER data are collected for PCTs using the COVER data collection form, attached as Appendix J.

2) KC50

Information about the BCG programme and reinforcing doses of diphtheria, tetanus and polio is collected on the KC50 return by the Health and Social Care Information Centre (HSCIC). These data are aggregated and collected from known Trusts providing immunisation services. Copies of the KC50 and guidance notes are included as Appendices G and H.

3) Seasonal Flu

Information on persons aged 65 and over (as well as in other groups not reported here) immunised against seasonal flu is collected by the Department of Health (DH) in collaboration with the HPA. This Information is collected from GPs through the Department's ImmForm⁸ system.

⁸ Seasonal flu uptake data is submitted on-line via the ImmForm website either through an automated data extraction or by an on-line manual submission: <http://immunisation.dh.gov.uk/immform-helpsheets/>

The NHS Data Model and Dictionary Service contains more information on the COVER and KC50 returns, including guidance on content, completion and definitions. Links to the returns are given below:

COVER

http://www.datadictionary.nhs.uk/data_dictionary/messages/central_return_forms/community/cover/cover_1_fr.asp?shownav=1

KC50

[http://www.datadictionary.nhs.uk/data_dictionary/messages/central_return_data_sets/data_sets/immunisation_programmes_activity_data_set_\(kc50\)_fr.asp?shownav=1](http://www.datadictionary.nhs.uk/data_dictionary/messages/central_return_data_sets/data_sets/immunisation_programmes_activity_data_set_(kc50)_fr.asp?shownav=1)

Further information on the data sources can be found in the HSCIC's List of Administrative Sources, available through the following link:

<http://www.ic.nhs.uk/statistics-and-data-collections/publications-calendar/administrative-sources/list-of-administrative-sources>

The data from each of these returns are collected at the end of each financial year in aggregate form.

Data collections are quality assured at the time of collection by the collecting agency (HPA for COVER data, HSCIC Data Collections Team for KC50 and DH/HPA for Flu data). Further data validation and quality assurance is carried out by the HSCIC prior to publication. Appendix C contains more information on the data validation process.

The HPA also undertake quarterly collections of COVER data which provide early indications of vaccine coverage trends and are an important means of identifying any data quality issues prior to the annual collection.

1.2.2 Methods used to compile the statistics

The HSCIC validates and analyses the COVER and KC50 returns using databases and spreadsheets (Microsoft Access and Excel).

All figures in this report are presented as simple counts or percentages (rounded to one decimal place). Coverage (defined below) is reported for the seasonal flu vaccination offered to those aged 65 and over and for the following routine childhood vaccinations:

- Diphtheria, tetanus, pertussis, polio and *Haemophilus influenzae* type b (DTaP/IPV/Hib)
- Pneumococcal disease (PCV)
- Meningococcal group C (MenC)
- Hib/MenC booster (Hib/MenC)
- Measles/mumps/rubella (MMR)

Coverage figures are not presented in this report for BCG vaccination against tuberculosis or for reinforcing doses of diphtheria, tetanus and polio (Td/IPV), but figures are presented on numbers vaccinated. See the section on Accuracy and Reliability below and Appendix C of this report for more information on BCG and Td/IPV vaccination data. A full list of all the tables in this report can be found on page 51.

Definitions

Immunised: Where a course consists of more than one dose of vaccine, administered at set intervals, immunised means having had all doses required for a full course. However, for some vaccines (i.e. Hib, MenC and PCV) the number of doses required to complete a course is age dependent. For example, a child who was not given the recommended two doses of MenC before 12 months but did receive the Hib/MenC at 12/13 months will still be considered appropriately vaccinated for their age.

Coverage⁹: Coverage is defined as the number of persons immunised as a proportion of the eligible population. The formula for the calculation of coverage is:

$$\frac{\text{Total number of eligible persons immunised}}{\text{Total number of eligible persons in the population}} \times 100$$

Specific and detailed formulae for all the coverage statistics presented in this report are provided in Appendix B. This includes definitions of the numbers of eligible persons immunised and specifies the number of doses of different vaccines that an individual is required to have by a particular age in order to be considered immunised.

Eligible population: Different eligible populations are used for estimating coverage for different vaccinations. For the routine childhood vaccinations listed above, the eligible population is defined as the total number of children for whom the PCT is responsible, reaching their nth birthday in the collection year. Coverage is calculated for three separate cohorts (children reaching their first, second and fifth birthdays in the collection year) and so the eligible population differs for each cohort.

The eligible population for the calculation of seasonal flu coverage amongst those aged 65 and over is defined by age at 31 March in any given year. For example, all those aged 65 years or older by 31 March 2012 were eligible to receive flu vaccine in the 2011-12 vaccination programme. The eligible population is derived from GP systems and therefore does not include those who are not registered with a GP.

The eligible population for hepatitis B (reported as experimental statistics in Annex A) is defined as the number of children for whom the PCT is responsible, with maternal hepatitis B positive status and reaching their nth birthday during the collection year. Hepatitis B coverage is calculated for two cohorts; children reaching their first birthday in the collection

⁹ Prior to the 2009-10 publication, this report used the term 'uptake' to describe the percentage of the eligible population who are vaccinated. It was decided to replace the term 'uptake' with 'coverage' in 2009-10 as this is more widely used in reporting the proportion of a target population known to have received the appropriate vaccine(s).

year and children reaching their second birthday), so the eligible population is different for each cohort.

PCT responsible population: This includes:

- All persons registered with a GP whose practice forms part of the PCT, regardless of where the person is resident, plus
- Any persons not registered with a GP, who are resident within the PCTs statutory geographical boundary

Note that persons resident within the PCT geographical area but registered with a GP belonging to another PCT, are the responsibility of that other PCT.

The PCT responsible population is different from the estimated resident population figures produced by the Office of National Statistics (ONS) for each PCT. It is also different from the registered population figures which are obtained from GP Systems (which by definition exclude unregistered persons) and are reflected in the Connecting for Health (CfH) “Exeter” payment system (NHAIS).

For the COVER collection, the PCT responsible population is derived from the population registers held on Child Health Information Systems for the majority of PCTs.

1.2.3 Relevance

Appendix D gives details of who uses the statistics in this publication and what they use them for.

1.2.4 Accuracy and Reliability

These are established collections based on total populations i.e. not a sample.

COVER Data

For the COVER collection, submissions were made by all eligible Trusts. The HSCIC has not published Hib/MenC coverage figures at 5 years for one PCT due to data quality issues and this is footnoted in the relevant tables.

Although COVER data quality has improved for the 2011-12 reporting year, some caution should still be exercised when comparing coverage figures, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. While this issue will be more apparent at a local level, it will also have an impact on the national figures.

KC50 Data

For the KC50 collection, six Trusts did not submit some of the required data on numbers receiving Td/IPV and/or BCG vaccinations. In most cases this was due to data quality issues. National and regional figures for 2011-12 do not include these Trusts and therefore some caution should be exercised if comparing figures with previous years. Although many Trusts reported improvements in data quality for 2011-12, potential or actual data quality/completeness issues were identified by 16 Trusts. Note that due to the issues around data quality, some caution should be exercised when comparing vaccination numbers between Trusts and over time, as apparent trends/differences could reflect changes in the quality/completeness of data reported as well as real changes in vaccinations given.

Many Trusts did not report on the number of Mantoux Tests carried out to determine whether the BCG vaccine should be given. In most cases this was because the data were not available/not recorded on CHISs. National figures on the number Mantoux tests given are therefore not reported this year.

Unfortunately the quality of the KC50 data for 2011-12 was mixed and so the full data set has not been published in this report. The full dataset is, however, available on the

publication web page via the following link:

www.ic.nhs.uk/pubs/immstats1112

Users are advised to read the KC50 Introductory Note that accompanies the data files as this details the quality issues identified in the dataset which should be borne in mind when using it.

Data quality issues are discussed in more detail in Appendix C of the report on Data Validation and Quality.

Revisions

Where any data are re-submitted by Trusts post-publication, the HSCIC will assess whether the resubmitted data have a significant impact on England-level data. Where this is the case, the affected Excel tables will be re-issued. Where the impact on England level data is not significant, the re-submitted figures will be reported in a 'Data Resubmissions' file on the publication webpage.

1.2.5 Timeliness and Punctuality

Data on immunisations are made available as soon as possible after they have been compiled and validated (usually in the September following the end of the financial year to which the data relate).

A copy of last year's report can be found at: <http://www.ic.nhs.uk/statistics-and-data-collections/health-and-lifestyles/immunisation/nhs-immunisation-statistics-england-2010-11>

1.2.6 Accessibility and Clarity

Most data fields are published in the Data Tables as part of this main report which is available on the HSCIC Immunisation web pages – <http://www.ic.nhs.uk/statistics-and-data-collections/health-and-lifestyles/immunisation>

The tables are also available as Excel files and CSV files which again are accessible through the web pages. Further analysis may be available on request, subject to resource limits and compliance with disclosure control requirements. Note that the data held by the HSCIC cannot be disaggregated below Trust level.

This statistical publication has been in existence for a number of years and publications are available on the HSCIC and Department of Health websites dating back to 1997-98¹⁰. The bulletin was originally published by the Department of Health. With the establishment of the HSCIC, responsibility for the publication transferred to the HSCIC in 2005.

1.2.7 Coherence and Comparability

Changes in the UK immunisation programme

Changes in the UK immunisation programme are reflected in the statistics reported in this bulletin. The most recent changes are as follows:

Trusts were informed of a change to the routine childhood immunisation schedule in November 2010. This required vaccines that had previously been given separately at 12 months of age (Hib/MenC vaccine) and 13 months of age (MMR and PCV) to be given at the same visit, between 12 and 13 months of age (i.e. within a month after the first birthday)¹¹.

Prior to the November 2010 revision, there were several changes in the routine immunisation schedule in September 2006. These included:

- The introduction of PCV vaccine which is given at two and four months with a booster dose around 13 months of age. Data on the primary course (given at two and four months) evaluated at 12 months of age were first published in this bulletin in 2007-08 as

¹⁰ Copies of previous editions published by the HSCIC can be accessed via the following link:

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

Prior to 2004/05 this bulletin was published by the Department of Health. These editions can be found at:

http://www.dh.gov.uk/en/Publicationsandstatistics/Statistics/StatisticalWorkAreas/Statisticalhealthcare/DH_4086491

¹¹ Trusts were advised of this change to the immunisation schedule on 17th November 2010 in a letter from the Chief Medical Officer. See:

http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/documents/digitalasset/dh_121840.pdf

experimental statistics. Coverage data for the PCV booster evaluated at 24 months were first published in 2008-09, again, as experimental statistics.

- A combined Hib/MenC booster vaccine was also introduced in September 2006 for children at around 12 months of age. Vaccine coverage data for the Hib/MenC booster evaluated at 24 months was first published in this bulletin in 2008-09 as experimental statistics. Coverage statistics for the Hib/MenC booster vaccination at 5 years are available for the first time this year and reported as experimental statistics (see section 2.1.3 and Tables 3, 5c, 12, 12a and 12b in the Data Tables).

The above changes in the immunisation schedule need to be considered when interpreting trend data. Importantly, when a new vaccine is first introduced, coverage is usually below that of other vaccines given at a similar time in the first year of evaluation (and sometimes for some years after introduction). Recording/reporting issues may, in some instances, affect completeness and/or quality of data in the first year(s) following the introduction of a vaccine.

Time series

The report shows trends in vaccination coverage and where possible seeks to explain these. The main Data Tables in the publication contain time series which enable examination of trends in vaccination coverage over an 11 year time period. Throughout the Analysis and Commentary section, coverage statistics for 2011-12 are compared with the previous year and 5 year time series are shown. A longer time series of 20 years is presented for MMR evaluated at two years as coverage for this vaccine has not been as stable as other vaccines.

Local and regional comparisons

The statistics are presented at a national, regional (SHA) and local (PCT) level.

Comparisons with other countries

The NHS Immunisation Statistics, England publication has included additional annual coverage statistics for other countries in the UK since 1997-98. This report includes the following coverage statistics for all UK countries:

At 12 months	DTaP/IPV/Hib, MenC, PCV
At 24 months	DTaP/IPV/Hib, Hib/MenC, PCV, MMR
At 5 years	DTaP/IPV, MMR1, MMR2 ¹² , Hib/MenC (<i>experimental</i>)

Vaccination data for Northern Ireland, Scotland and Wales are also available through the following links:

Northern Ireland: <http://www.publichealth.hscni.net/directorate-public-health/health-protection/vaccination-coverage>

Scotland: <http://www.isdscotland.org/Health-Topics/Child-Health/Publications/index.asp>

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

Outside the UK, national vaccination policies differ and countries use different methods to calculate vaccination coverage, therefore direct comparison with countries outside the UK is not always appropriate. However, the WHO and UNICEF attempt to determine the most accurate and up-to-date estimates of immunisation coverage for different countries through their joint annual reporting form submission from national experts. These estimates of national immunisation coverage are reported on the WHO website and available through the following link:

http://www.who.int/immunization_monitoring/data/data_subject/en/index.html

Information on research undertaken to examine comparability of vaccination coverage amongst European countries can be found on the VENICE Project website:

<http://venice.cineca.org/reports.html> and <http://venice.cineca.org/publications.html>

¹² MMR1 is used to indicate at least one dose of MMR has been received. MMR2 is used to indicate that two doses of MMR have been received (anytime from 12 months up to the child's 5th birthday).

1.2.8 Performance cost and respondent burden

The data used in the publication are aggregated PCT level data gathered by the HPA and DH as part of their management of the immunisation programme. These are the only sources of the data required for the report.

All data collections used in this publication are subject to the Review of Central Returns (ROCR) procedure and licensed by ROCR. This is to ensure that data collections do not duplicate other collections, minimise the cost to all parties and have a specific use for the data collected.

1.2.9 Confidentiality, Transparency and Security

The standard NHS security and confidentiality policies have been applied in the production of these statistics. An annual risk assessment is undertaken prior to publication which addresses any potential issues around disclosure. Disclosure controls have been applied to Tables A1 and A2 of Annex A on neonatal Hepatitis B. Disclosure controls have also been applied to Tables 13 and 13a on BCG vaccinations.

1.3 Experimental Statistics

Neonatal Hepatitis B

Annual neonatal Hepatitis B vaccine coverage data have previously been published by the HPA for those PCTs that were able to provide data and are available for the years 2006-07 to 2009-10¹³. This is the second year that neonatal hepatitis B coverage data reported through the COVER programme by PCTs are published in Annex A as 'experimental statistics'. They are published as experimental statistics as they are undergoing evaluation.

A large number of Trusts reported that they were unable to supply some or all of the data required on infants born to hepatitis B positive mothers. It would therefore be inadvisable to draw conclusions from these data and it should be noted that no national or regional data have been published.

It is hoped that Trusts that have been unable to submit data for 2011-12 are encouraged to review their systems for obtaining these data and take the necessary actions to ensure that they are able to submit data in future years.

Hib/MenC booster at 5 years

Coverage statistics for the Hib/MenC booster vaccination at 5 years are available for the first time this year and reported as experimental statistics (see section 2.1.3 and Tables 3, 5, 12, 12a and 12b in the Data Tables). They are published as experimental statistics as they are undergoing evaluation.

A key part of the "Experimental statistics" label is user engagement in the evaluation of those statistics. The HSCIC invites readers to comment on this publication, which will help inform the next report. Comments may be sent to enquires@ic.nhs.uk.

¹³ Available from <http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/VaccineCoverageAndCOVER/>

1.4 Report Structure

Immunisation statistics are presented in the Analysis and Commentary section of this report in four sections as follows:

- Routine Childhood Immunisations
- Immunisations at age 12+
- Non-routine Immunisations
- Adult Immunisations

More detailed statistics are presented in the Data Tables section.

The Appendices include a Glossary (Appendix A), Coverage Definitions (Appendix B) information on Data Validation and Data Quality (Appendix C), How the Statistics are Used (Appendix D), Feedback from Users (Appendix E), Related Publications and Useful Web links (Appendix F), the KC50 data collection form (Appendix G), KC50 Guidance Notes (Appendix H), KC50 Trust Submissions (Appendix I) and the COVER data collection form (Appendix J).

Annex A includes experimental statistics on Hepatitis B.

1.5 Changes to the Report

Appendices

New appendices have been added to the publication this year as follows:

- Appendix B details the formulae used to calculate the coverage statistics in this report and explains how immunised is defined for each vaccine.
- Appendix D reports on how the statistics are used.
- Appendix I provides details of KC50 submissions by Trusts.

New Statistics

Coverage statistics for the Hib/MenC booster vaccination at 5 years are available for the first time this year and reported as experimental statistics (see section 2.1.3 and Tables 3, 5c, 12, 12a and 12b in the Data Tables).

Other

More information on the eligible populations used to calculate the coverage statistics has been provided in section 1.2.2 Methods Used to Compile the Statistics.

The format of the Executive summary has been changed this year to provide more context and to focus on the key findings.

A link to vaccination coverage data from other counties published by the World Health Organization has been included (see section 1.2.7).

1.6 Planned Changes to the 2012-13 Report

The HSCIC is currently reviewing the KC50 data collection and whilst this work is in progress the collection will be suspended. The HSCIC will not collect KC50 data for 2012-13 and these data will not be reported in the NHS Immunisation Statistics report for that year. Once the HSCIC has completed the KC50 review, a formal consultation with users will be undertaken. The HSCIC expect to have completed the review over the next six to nine months.

1.7 User Feedback

The Health and Social Care Information Centre welcomes feedback on all publications. If you wish to comment on this report, a feedback form is available on the HSCIC website at: www.ic.nhs.uk/pubs/immstats1112

We would be particularly interested in how you use the statistics in this report.

Feedback received from users via the publication webpage is summarised in Appendix E along with any action that has been taken as a result of this feedback.

Analysis and Commentary

2.1 Routine Childhood Immunisations

Routine childhood vaccination coverage statistics for children up to the age of five are calculated from figures extracted from CHISs (or from GP systems for a small number of PCTs) and reported by PCTs through the COVER programme.

Due to data quality issues reported by some PCTs in recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. While this issue will be more apparent at a local level, it will also have an impact on the national figures. For more information, see Appendix C on Data Quality.

2.1.1 Overview

Reported coverage figures for all routine childhood vaccinations reported through the COVER programme in 2011-12 showed an increase at national level. Most regions also reported increases in coverage for each of the routine childhood vaccinations measured at one, two and five years. Although coverage in London remains lower than in other regions, London reported increases in coverage for all routine childhood vaccinations in 2011-12.

Where PCTs reported a substantial change in coverage for one or more vaccines they were asked to give a reason(s) for this. PCTs reported a variety of reasons for increases in coverage including initiatives to improve vaccination coverage and improved data collection/reporting and data quality.

2.1.2 Immunisations by first and second birthday

Diphtheria, Tetanus, Pertussis, Polio and *Haemophilus influenzae* type b vaccine (DTaP/IPV/Hib, “5 in 1” Vaccine)

Children should receive a primary course of three doses of diphtheria, tetanus, pertussis, polio and *Haemophilus influenzae* type b vaccine (DTaP/IPV/Hib ‘5 in 1’) at two, three and four months and then a booster dose of DTaP/IPV vaccine three years after completion of the primary course (Hib is boosted as part of the Hib/MenC vaccine given at between 12 and 13 months).

Coverage at 12 months – In 2011-12, PCTs reported that 94.7% of children reaching their first birthday had completed primary immunisation courses against DTaP/IPV/Hib. This compares with 94.2% in 2010-11. Table C shows coverage of the DTaP/IPV/Hib vaccine over the last 5 years.

Table C: DTaP/IPV/Hib coverage in England at 12 months¹⁴

Year	Coverage of DTaP/IPV/Hib at 12 months %
2007-08	91.3
2008-09	92.0
2009-10	93.6
2010-11	94.2
2011-12	94.7

Source: COVER. See also Table 1 in the Data Tables section.

Table D shows national and regional coverage of the vaccine over the last two years calculated from figures reported by PCTs. In 2011-12, all bar one Strategic Health Authority (SHA) showed an increase in coverage of DTaP/IPV/Hib at 12 months. Coverage was highest in North East SHA (96.3%) and lowest in London SHA (91.3%).

¹⁴ Due to data quality issues over recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. See Appendix C for more details.

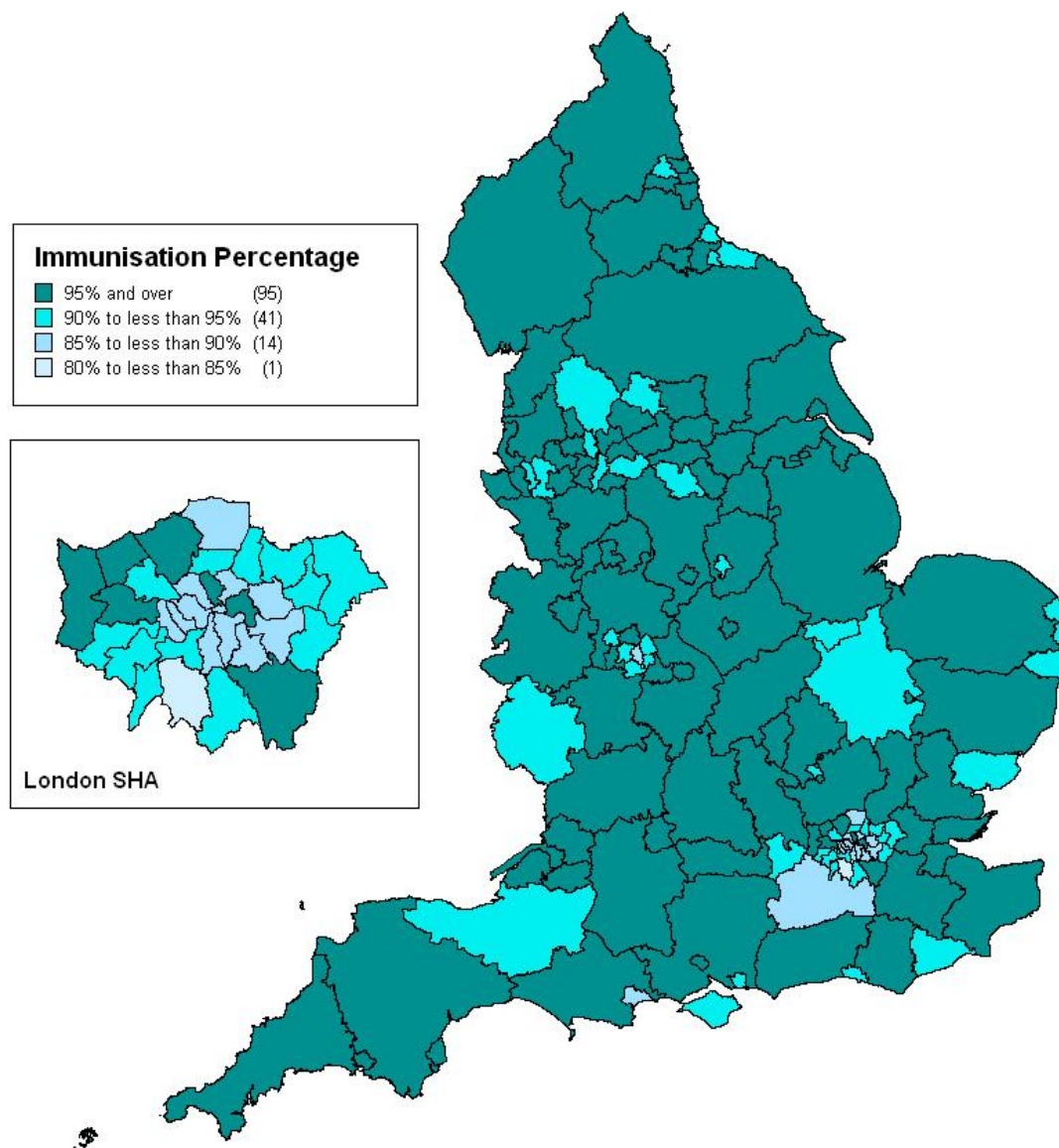
Table D: DTaP/IPV/Hib coverage in England at 12 months by SHA

SHA	Coverage of DTaP/IPV/Hib at 12 months (%)	
	2010-11	2011-12
England	94.2	94.7
North East	95.9	96.3
North West	95.1	95.8
Yorkshire & the Humber	95.5	95.8
East Midlands	95.4	96.2
West Midlands	94.8	94.9
East of England	94.8	95.5
London	90.7	91.3
South East Coast	93.2	93.7
South Central	95.7	95.6
South West	94.6	95.6

Source: COVER. See also Table 10 in the Data Tables section.

At a local level (see Figure 1), 136 PCTs out of 151 reported coverage at 12 months of 90% or over. Of these, 95 had coverage levels of 95% and above (this compares with 73 PCTs in 2010-11). Only 15 PCTs reported coverage of less than 90%, 12 of which were in London SHA.

Figure 1: Coverage of DTaP/IPV/Hib in England at 12 months by PCT, 2011-12



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NB: PCT coverage figures have been rounded to one decimal place.

Source: COVER. See also Table 10a in the Data Tables section.

For a more detailed breakdown of the statistics in this section by PCT, see Table 10a in Data Tables.

Coverage at 24 months – Coverage of three doses of the combined DTaP/IPV/Hib vaccine is reported again at 24 months to monitor any improvement in the proportion of children completing their primary course after the first birthday. For children reaching their second

birthday, coverage for completed courses of DTaP/IPV/Hib vaccine in 2011-12 was 96.1% (see Table E), exceeding the World Health Organization target of 95% coverage for the third successive year. When coverage for this cohort was measured at 12 months of age in 2010-11, 94.2% had been immunised (see Table C).

Table E shows national and regional coverage of the vaccine over the last two years calculated from figures reported by PCTs. Coverage for nine out of ten SHAs was above 95% in 2011-12. Coverage was highest in North East SHA (97.5%) and lowest in London (93.3%).

Table E: DTaP/IPV/Hib coverage in England at 24 months by SHA

SHA	Coverage of DTaP/IPV/Hib at 24 months	
	2010-11 %	2011-12 %
England	96.0	96.1
North East	97.4	97.5
North West	96.8	97.1
Yorkshire & the Humber	96.8	97.1
East Midlands	97.1	97.4
West Midlands	97.3	96.8
East of England	96.3	96.5
London	92.9	93.3
South East Coast	95.1	95.3
South Central	97.0	96.8
South West	96.7	97.0

Source: COVER. See also Table 11 in the Data Tables section.

For a more detailed breakdown of the statistics in this section by PCT, see Table 11a in Data Tables.

Measles-Mumps-Rubella (MMR) vaccine

Children should receive their first dose of MMR vaccine (MMR1) between 12 and 13 months and then a second dose between three years four months and five years.

Figures reported by PCTs show that coverage of the MMR vaccine in England for children reaching their second birthday was 91.2% in 2011-12 compared to 89.1% in 2010-11. This is the first time that coverage has exceeded 90% since 1997-98 (see Figure 2).

Figure 2 shows the trend in MMR coverage over the last 20 years. The controversy and associated publicity around a potential link between the MMR vaccination and autism and Crohn's disease, which started in the late 1990s and continued through the early 2000s, may have impacted on MMR coverage during that period. The study that initiated the controversy has since been discredited¹⁵.

A number of different factors may have contributed to increased coverage in recent years, including:

- A National Measles, Mumps and Rubella (MMR) catch-up campaign to increase vaccination coverage in 2008-09.
- The recommendation by the Joint Committee on Vaccination and Immunisation (JCVI) to offer the Hib/MenC and PCV booster vaccines and the first dose of MMR vaccine at the same visit¹⁶.
- Local initiatives to improve coverage.
- Improvements in data collection, reporting and quality.

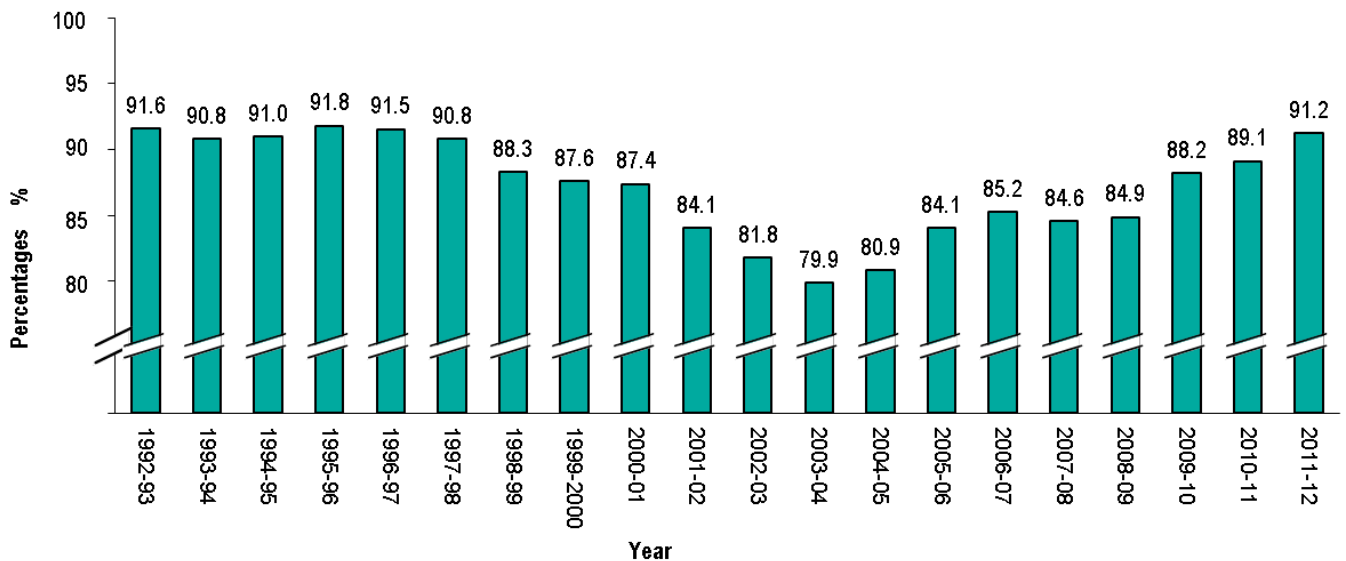
Despite increases in recent years, MMR coverage is still below the World Health Organization target of 'at least 95% coverage'. See Figure 2 below.

¹⁵ Further information is available on the HPA website:
<http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/MMR/GeneralInformation/>

The original study was published in the Lancet but later retracted:
[http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(97\)11096-0/fulltext](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(97)11096-0/fulltext)

¹⁶ Further information is available in the following quarterly Health Protection Report published by the Health Protection Agency: <http://www.hpa.org.uk/hpr/archives/2012/hpr1212.pdf>

Figure 2: MMR coverage in England at 24 months by year, 1992-93 to 2011-12



NB: The MMR vaccine was introduced in 1988 when it replaced the single measles vaccine.
 Source: COVER. See also Tables 2 and 9 in the Data Tables section.

Table F shows national and regional coverage of the vaccine over the last two years calculated from figures reported by PCTs. All SHAs reported increases in coverage in 2011-12 and nine of the SHAs reported coverage over 90% in 2011-12 – six exceeded this level in 2010-11. Coverage was highest in South Central SHA (93.5%) and lowest in London SHA (86.1%).

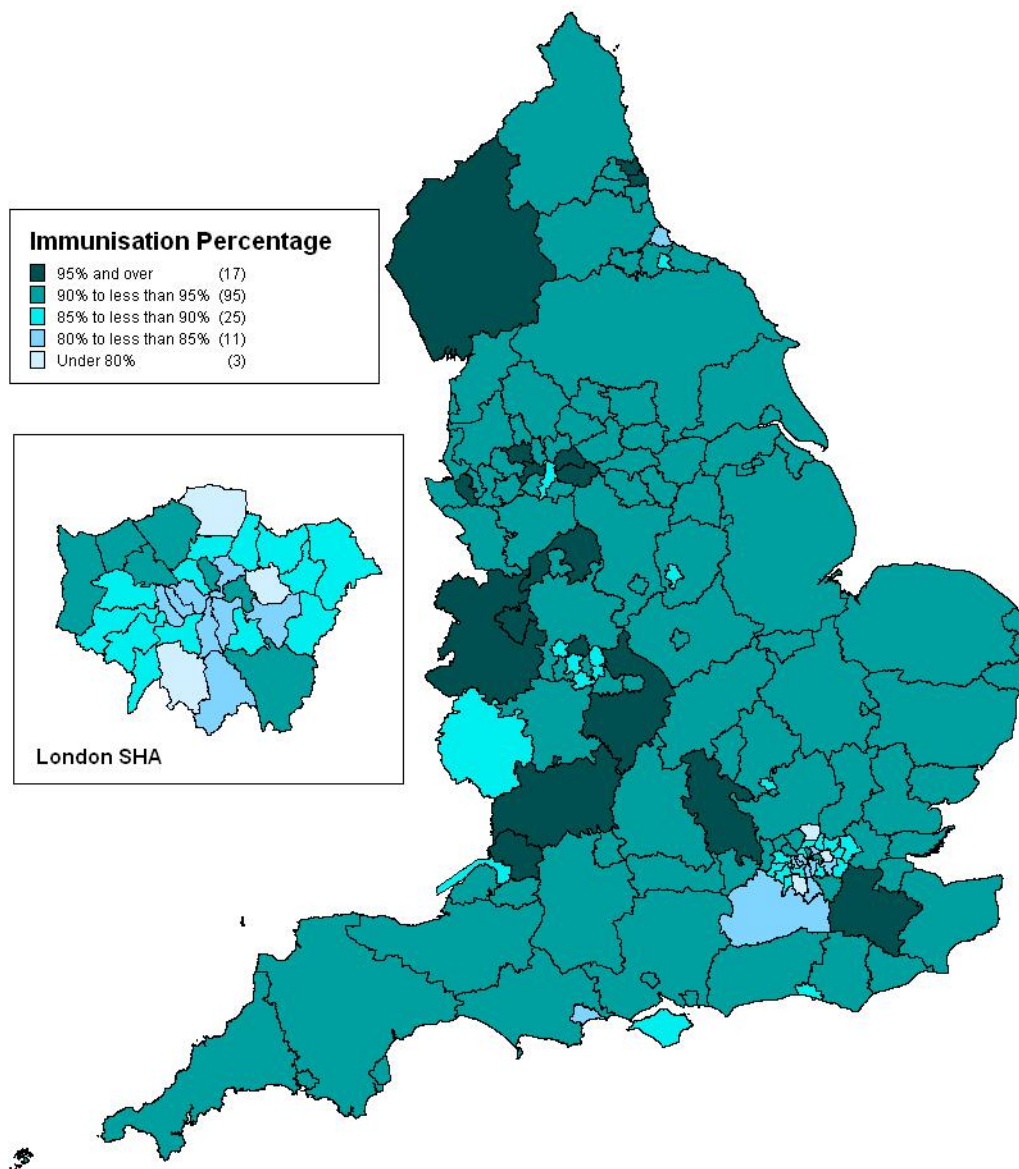
Table F: MMR1 coverage in England at 24 months by SHA

SHA	Coverage of MMR1 at 24 months	
	2010-11 %	2011-12 %
England	89.1	91.2
North East	91.4	93.0
North West	91.2	93.4
Yorkshire & the Humber	90.7	93.1
East Midlands	90.6	92.9
West Midlands	91.5	92.0
East of England	88.7	91.8
London	83.8	86.1
South East Coast	88.3	90.6
South Central	91.3	93.5
South West	89.6	91.7

Source: COVER. See also Table 11 in the Data Tables section.

Coverage of MMR1 at 24 months at PCT level is shown in Figure 3 and highlights the lower levels of immunisation in many London PCTs. At a local level, 112 PCTs reported vaccination figures indicating coverage of 90% or above (this compares with 69 in 2010-11). 39 PCTs reported figures indicating coverage below 90% and of these three had coverage levels of less than 80%. Coverage of 95% or more (the WHO target) was reported by 17 PCTs.

Figure 3: MMR1 coverage in England at 24 months by PCT, 2011-12



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NB: Due to rounding, the figures presented in the above map may not exactly match those derived from aggregating the relevant columns from Table 11a in the Data Tables section.
 Source: COVER. See also Table 11a in the Data Tables section.

For a more detailed breakdown of the statistics in this section by PCT, see Table 11a in Data Tables.

Meningococcal group C (MenC) vaccine

In 2011-12, 93.9% of children in England were reported to have completed primary immunisation courses against MenC by their first birthday. This compares to 93.4% in 2010-11 (see Table G).

Table G: Coverage of MenC in England at 12 months¹⁷

Year	Coverage of MenC at 12 months
	%
2007-08	90.3
2008-09	91.2
2009-10	92.7
2010-11	93.4
2011-12	93.9

Source: COVER. See also Table 1 in the Data Tables section.

Table H shows coverage of MenC vaccine at 12 months for SHAs. Coverage in most SHAs in 2011-12 showed an increase on the previous year. Most regions had coverage of over 90% in 2011-12. Coverage was highest in North East SHA (95.8%) and lowest in London SHA (89.9%).

¹⁷ Due to data quality issues over recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. See Appendix C for more details.

Table H: MenC coverage in England by SHA at 12 months

SHA	Coverage of MenC at 12 months	
	2010-11 %	2011-12 %
England	93.4	93.9
North East	95.4	95.8
North West	94.5	95.4
Yorkshire & the Humber	94.5	95.2
East Midlands	94.7	95.4
West Midlands	94.5	94.5
East of England	94.3	94.7
London	89.3	89.9
South East Coast	92.6	93.2
South Central	94.9	94.4
South West	94.2	95.1

Source: COVER. See also Table 10 in the Data Tables section.

For a more detailed breakdown of the statistics in this section by PCT, see Table 10a in Data Tables.

***Haemophilus influenzae* type b and Meningococcal group C (Hib/MenC) vaccine**

In September 2006 a new immunisation programme for a combined Hib/MenC booster vaccine was introduced and children are currently offered this vaccine between 12 and 13 months of age. PCTs reported that in 2011-12, 92.3% of children in England had received the combined Hib/MenC booster as measured at two years. This compares with 91.6% in 2010-11 (see Table I).

Table I: Coverage of Hib/MenC in England at 24 months¹⁸

Year	Coverage of Hib/MenC at 24 months
	%
2008-09	85.4
2009-10	90.0
2010-11	91.6
2011-12	92.3

Source: COVER. See also Table 2 in the Data Tables section.

Coverage by SHA is shown in Table J. Nine out of 10 SHAs reported increases in coverage in 2011-12. Coverage was highest in the North East SHA (95.3%) and lowest in London SHA (86.8%).

Table J: Hib/MenC coverage in England at 24 months by SHA

SHA	Coverage of Hib/MenC at 24 months	
	2010-11 %	2011-12 %
England	91.6	92.3
North East	94.6	95.3
North West	93.3	94.3
Yorkshire & the Humber	94.2	94.6
East Midlands	93.9	94.8
West Midlands	93.6	92.5
East of England	93.4	94.4
London	84.9	86.8
South East Coast	90.6	91.7
South Central	92.8	93.4
South West	92.0	92.2

Source: COVER. See also Table 11 in the Data Tables section.

¹⁸ Due to data quality issues over recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. See Appendix C for more details.

For a more detailed breakdown of the statistics in this section by PCT, see Table 11a in the Data Tables.

Pneumococcal Conjugate Vaccine (PCV) vaccine

PCV vaccine was introduced into the routine immunisation programme in September 2006 and is offered at two and four months of age with a booster dose at 12 to 13 months. Table K shows coverage of two doses at 12 months over the last five years. Reported figures show that 94.2% of children in England had completed a primary immunisation course of PCV at 12 months in 2011-12. This represents an increase from 2010-11 when coverage was 93.6% (see Table K).

Table K: PCV coverage in England at 12 months¹⁹

Year	Coverage of PCV at 12 months
	%
2007-08	83.7
2008-09	91.3
2009-10	92.9
2010-11	93.6
2011-12	94.2

Source: COVER. See also Table 1 in the Data Tables section.

Coverage by SHA is shown in Table L. All SHAs except one reported increases from 2010-11 to 2011-12. Coverage was highest in North East SHA (96.1%) and lowest in London (90.4%).

¹⁹ Due to data quality issues over recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. See Appendix C for more details.

Table L: PCV coverage in England at 12 months by SHA

SHA	Coverage of PCV at 12 months	
	2010-11 %	2011-12 %
England	93.6	94.2
North East	95.5	96.1
North West	94.7	95.6
Yorkshire & the Humber	94.7	95.7
East Midlands	95.0	95.8
West Midlands	94.4	94.6
East of England	94.4	95.0
London	89.6	90.4
South East Coast	92.7	93.1
South Central	95.2	95.1
South West	94.5	95.4

Source: COVER. See also Table 10 in the Data Tables section.

For a more detailed breakdown of the statistics in this section by PCT, see Table 10a in Data Tables.

National coverage of the PCV booster vaccine at 24 months exceeded 90% for the first time in 2011-12. PCTs reported that in 2011-12, 91.5% of children in England had received the PCV booster as measured at 24 months. This compares with 89.3% in 2010-11(See Table M).

Table M: PCV coverage in England at 24 months²⁰

Year	Coverage of PCV at 24 months
	%
2008-09	81.5
2009-10	87.6
2010-11	89.3
2011-12	91.5

Source: COVER. See also Table 2 in the Data Tables section.

²⁰ Due to data quality issues over recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. See Appendix C for more details.

For a more detailed breakdown of the statistics in this section, see Table 11a in the Data Tables.

How coverage in England at 12 and 24 months compares with other UK countries

The COVER programme also collects equivalent coverage data from Northern Ireland, Scotland and Wales. UK and country level vaccine coverage statistics are published in the quarterly COVER report in the *Health Protection Report* on the HPA website.²¹

Table N shows coverage in England to be below that in other UK countries. Links to data for Northern Ireland, Scotland and Wales can be found in section 1.2.7.

Table N: Completed immunisations (all antigens) by 12 months and 24 months in the UK by country: 2011-12

Country	Coverage at 12 months			Coverage at 24 months				
	%			%				
	DTaP/IPV/Hib	MenC	PCV	DTaP/IPV/Hib	Hib/MenC booster	PCV booster	MMR1	MenC primary
United Kingdom	95.0	94.3	94.6	96.4	92.7	91.9	91.6	95.1
England	94.7	93.9	94.2	96.1	92.3	91.5	91.2	94.9
Northern Ireland	97.6	97.2	97.4	98.4	95.5	93.9	93.3	96.7
Scotland	97.4	96.8	97.4	98.1	95.3	94.5	94.3	96.1
Wales	96.4	96.1	95.8	97.4	93.7	93.7	92.7	96.0

Source: COVER. See also Tables 5a and 5b in the Data Tables section.

²¹ http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb_C/1195733757253. This report also publishes coverage statistics for Strategic Health Authorities. Annual country level data are also published by the responsible organisation within Scotland (see <http://www.isdscotland.org/Health-Topics/Child-Health/Immunisation/>) and Wales (see <http://www.wales.nhs.uk/sites3/page.cfm?orgid=457&pid=27777>)

2.1.3 Immunisations by fifth birthday

Diphtheria, Tetanus, Pertussis and Polio (DTaP/IPV)

Reported vaccinations for DTaP/IPV indicate that 87.4% of children in England had received their booster at five years of age in 2011-12. This compares with 85.9% in 2010-11. Table O shows coverage of this vaccine over the last five years.

Table O: Coverage of DTaP/IPV booster in England at 5 years²²

Year	Coverage of DTaP/IPV Booster at 5 years (%)
2007-08	78.6
2008-09	80.1
2009-10	84.8
2010-11	85.9
2011-12	87.4

Source: COVER. See also Table 3 in the Data Tables Section.

Table P shows DTaP/IPV coverage at SHA level. Coverage was highest in North East SHA (91.7%) and lowest in London (78.8%).

²² Due to data quality issues over recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. See Appendix C for more details.

Table P: Coverage of DTaP/IPV booster in England at 5 Years by SHA

SHA	Coverage of DTaP/IPV booster at 5 years	
	2010-11 %	2011-12 %
England	85.9	87.4
North East	90.5	91.7
North West	88.2	89.1
Yorkshire & the Humber	88.0	90.2
East Midlands	88.9	90.2
West Midlands	90.3	89.9
East of England	87.2	89.1
London	74.7	78.8
South East Coast	84.4	86.4
South Central	89.6	89.8
South West	89.1	87.8

Source: COVER. See also Table 12 in the Data Tables section.

For a more detailed breakdown of the statistics in this section, see Table 12a in Data Tables.

Measles-Mumps-Rubella (MMR) vaccine

Reported figures show that 86.0% of children in England had received their first and second dose of MMR vaccine (MMR2) by their fifth birthday in 2011-12, an increase on last year's coverage which was 84.2%. Table Q shows coverage of MMR2 at 5 years over the last five years.

Table Q: Coverage of MMR2 (both doses) in England at 5 years²³

Year	Coverage of MMR2 at 5 years %
2007-08	74.6
2008-09	78.0
2009-10	82.7
2010-11	84.2
2011-12	86.0

Source: COVER. See also Table 3 in the Data Tables section.

²³ Due to data quality issues over recent years, some caution should be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. See Appendix C for more details.

Table R shows the percentage of children who were reported to have received both doses of MMR at 5 years by SHA. Coverage was highest in the North East (89.9%) and lowest in London (80.2%).

Table R: MMR2 coverage in England at 5 years by SHA

SHA	Coverage at 5 years	
	First and second dose (MMR2)	
	2010-11	2011-12
	%	%
England	84.2	86.0
North East	88.7	89.9
North West	86.4	87.9
Yorkshire & the Humber	87.0	89.1
East Midlands	86.7	88.2
West Midlands	87.4	87.5
East of England	84.5	86.9
London	76.6	80.2
South East Coast	80.9	84.2
South Central	86.8	88.0
South West	85.3	84.8

Source: COVER. See also Table 12 in the Data Tables section.

Comparison of national coverage in 2011-12 at age five shows that whilst 92.9% of children had received their first dose of MMR, only 86.0% completed the recommended schedule of two doses by this age. This difference is also evident at SHA level (see Table S).

Table S: MMR1 and MMR2 coverage in England at 5 years by SHA, 2011-12

SHA	Coverage at 5 years	
	First dose (MMR1) %	First and second dose (MMR2) %
England	92.9	86.0
North East	95.3	89.9
North West	95.0	87.9
Yorkshire & the Humber	94.8	89.1
East Midlands	94.1	88.2
West Midlands	94.3	87.5
East of England	91.5	86.9
London	89.7	80.2
South East Coast	90.7	84.2
South Central	93.2	88.0
South West	93.8	84.8

Source: COVER. See also Table 12 in the Data Tables section.

For a more detailed breakdown of the statistics in this section, see Table 12a in Data Tables.

***Haemophilus influenzae* type b and meningococcal group C (Hib/MenC) vaccine (experimental statistics)**

Coverage of the Hib/MenC booster currently given to children between 12 and 13 months²⁴ is reported again at 5 years to monitor any improvement in coverage amongst children after their second birthday. Coverage data for the Hib/MenC booster vaccination at 5 years are available for the first time this year and reported as experimental statistics (see below and Tables 3, 5c, 12, 12a and 12b in the Data Tables).

PCTs reported that in 2011-12, 88.9% of children in England had received the combined Hib/MenC booster as measured at five years.

²⁴ Prior to January 2011, Hib/MenC booster was given to children at around 12 months.

Coverage by SHA is shown in Table T. Reported figures show coverage to be highest in Yorkshire and the Humber (92.3%) and lowest in London (81.5%).

Table T: Experimental Statistics: Hib/MenC coverage in England at 5 years by SHA, 2011-12

SHA	Coverage at 5 years Hib/MenC <i>Experimental</i> %
England	88.9
North East	89.8
North West	89.2
Yorkshire & the Humber	92.3
East Midlands	91.0
West Midlands	92.1
East of England	91.8
London	81.5
South East Coast	85.7
South Central	90.7
South West	91.3

Source: COVER. See also Table 12 in the Data Tables section

For a more detailed breakdown of the statistics in this section, see Table 12a in Data Tables.

How coverage in England at 5 years compares with other UK countries

Table U shows how England compares with other countries in the UK.

In 2011-12, vaccination coverage in England at 5 years was, in most cases, below that of other UK countries. Links to data for Northern Ireland, Scotland and Wales can be found in section 1.2.7.

Table U: Completed immunisations (all antigens) by 5 years in the UK by country, 2011-12

Country	Coverage at 5 Years			
	DTaP/IPV Booster	MMR1 First dose	MMR2 First and second dose	Hib/MenC Booster <i>Experimental</i>
United Kingdom	88.0	93.4	86.5	89.3
England	87.4	92.9	86.0	88.9
Northern Ireland	92.9	96.7	91.2	88.7
Scotland	91.9	96.6	90.2	95.1
Wales	89.7	94.6	87.1	92.2

Source: COVER. See also Table 5c in the Data Tables section

2.2 Immunisations at age 12+

Diphtheria, Tetanus and Polio (Td/IPV) – Reinforcing doses given to school leavers

Data quality issues (some associated with CHISs), continue to affect the Td/IPV data collected through the KC50 return. For more information, see Appendix C on Data Quality.

443,366 children (aged 13-18) were reported as having received reinforcing doses of Diphtheria, Tetanus and Polio in 2011-12. Two Trusts (Barts and the London Trust and Kensington and Chelsea PCT) did not submit data on the number of persons given reinforcing doses of Diphtheria, Tetanus and Polio. National and London regional figures for 2011-12 do not include these Trusts and therefore some caution should be exercised if comparing figures with previous years.

Table V shows the number of children reported to have received reinforcing doses of Td/IPV by SHA.

Table V: Number of children receiving reinforcing doses of Td/IPV by SHA, 2011-12²⁵

SHA	Number of children
England	443,366
North East	23,563
North West	68,230
Yorkshire & the Humber	57,802
East Midlands	45,394
West Midlands	42,147
East of England	48,462
London	45,413
South East Coast	39,538
South Central	32,968
South West	39,849

Source: KC50. Health and Social Care Information Centre. See also Table 13 in the Data Tables section.

For a more detailed breakdown of the statistics in this section, see Table 13a in Data Tables.

²⁵ For more information on the data quality issues relating to the KC50 return please see the section on Data Quality in Appendix C.

Human Papillomavirus (HPV)

For information on HPV vaccination coverage, please see:

http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/documents/digitalasset/dh_123826.pdf

2.3 Non-routine Immunisations

Data quality issues (some associated with Child Health Information Systems) continue to affect the quality of data collected through the KC50 on Bacillus Calmette-Guerin (BCG) vaccinations for tuberculosis in some PCTs. For more information, see Appendix C on Data Quality. In addition, three Trusts (Heart of Birmingham Teaching PCT, Birmingham East and North PCT and Guy's and St Thomas' NHS Foundation Trust) did not submit figures for the numbers of persons aged one year and over receiving BCG vaccinations due to data quality or IT system issues. One Trust (North Yorkshire and York PCT) did not submit figures for the number of under one's receiving BCG vaccinations. National and regional figures for 2011-12 do not include these Trusts and therefore some caution should be exercised if comparing figures with previous years.

Tuberculosis (BCG Vaccine)

The UK BCG immunisation programme aims to immunise those at increased risk of developing severe disease and/or of exposure to tuberculosis infection.

Trusts reported 181,079 BCG vaccinations in 2011-12 given to those in specified at-risk categories. Table W shows the number of BCG vaccinations given in 2011-12 by age.

Table W: Number of BCG vaccinations in England by age, 2010-11, 2011-12

Age BCG Vaccination given	2010-11	2011-12
Age under 1	153,253	154,080
Aged 1 and over	-	26,999
All ages	-	181,079

Source: KC50. Health and Social Care Information Centre. See Table 13a in the Data Table section.

BCG figures for all ages and those aged one and over are not reported for 2010-11. See Important Notice below for more information.

Babies under the age of one accounted for most of the BCG vaccinations given (154,080). Vaccination policy for those aged under one year varies across the country. Whilst some areas operate universal vaccination where immunisation is offered to all babies, in most

areas it is only offered to those most at risk. Table X shows the number of BCG vaccinations given in 2011-12 by SHA.

Table X: Number of BCG vaccinations in England by SHA, 2011-12

SHA	Number of BCG vaccinations
England	181,079
North East	2,262
North West	16,520
Yorkshire & the Humber	12,355
East Midlands	8,523
West Midlands	16,003
East of England	13,563
London	86,635
South East Coast	6,852
South Central	13,725
South West	4,655

NB: Figures for some SHAs have been rounded to the nearest 5 due to potential disclosure issues associated with small numbers in Table 13a of the Data Tables. The England total does not therefore equal the sum of SHAs.
Source: KC50. Health and Social Care Information Centre. See also Table 13 in the Data Table section.

For a more detailed breakdown of the statistics in this section, see Table 13a in Data Tables.

Important Notice on BCG figures for 2008-09, 2009-10 and 2010-11

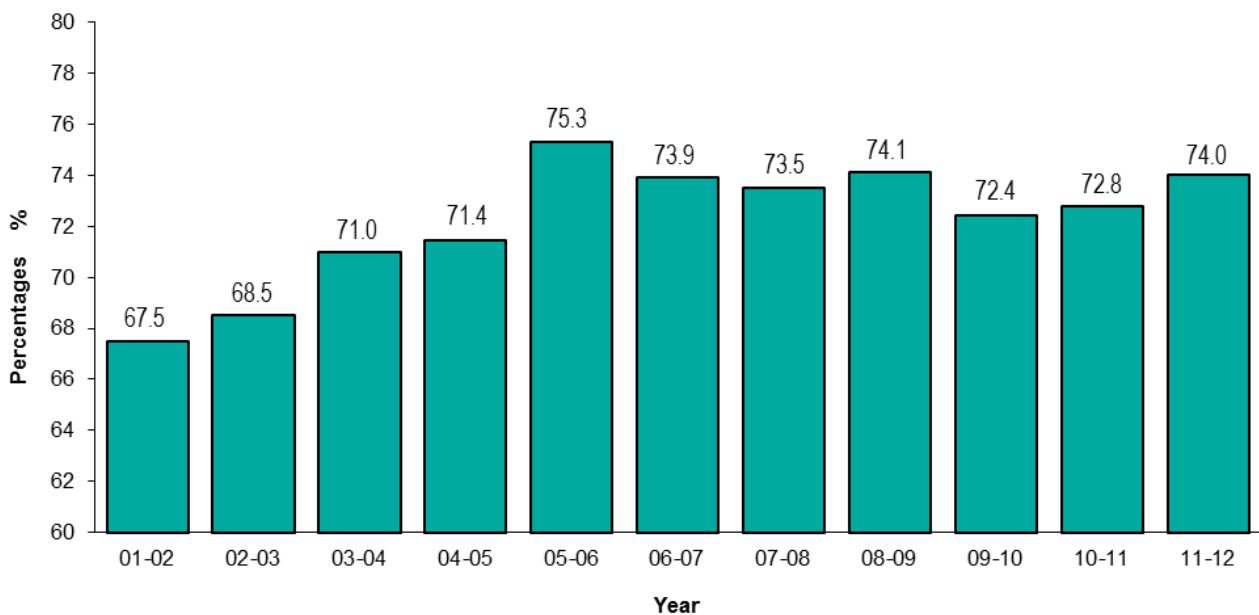
The Health and Social Care Information Centre has been advised by Tower Hamlets PCT that the figures they reported for 2008-09, 2009-10 and 2010-11 on the numbers of children aged one and over who had received BCG vaccinations were incorrect. This has an impact on regional and national BCG vaccination figures for the years affected. In light of this incident, the HSCIC is undertaking a general review of BCG and Td/IPV figures (potentially affecting a number of tables in the affected years). It may be necessary to publish revised figures in due course and whilst this work is in progress the HSCIC recommends that some caution should be exercised when using these figures. BCG and Td/IPV figures for 2011-12 published in this report are unaffected by this incident but it may be necessary to revise figures in Table 7 of the Data Tables for 2008-09, 2009-10 and 2010-11 in due course. The HSCIC apologises for any inconvenience caused.

2.4 Adult Immunisations

Influenza (seasonal flu) Vaccination

A campaign to immunise all persons aged 65 and over against influenza (also known as seasonal flu) was introduced in the 2000-01 winter season. Coverage for this age group in England was 74.0% in 2011-12, just below the World Health Organization target of 75% but an increase from the 72.8% recorded for seasonal influenza vaccine in 2010-11 (see Figure 4).

Figure 4: Influenza vaccine coverage in persons aged 65 and over, by year, 2001-02 – 2011-12



Source: HPA (England data)

NB: Coverage figures have been rounded to one decimal place.

Source: Department of Health

Table Y shows the percentage of persons aged 65 and over immunised against influenza by SHA. Coverage increased in all SHAs in 2011-12 when compared with the previous year. Coverage was highest in North West SHA (76.7%) and lowest in South East Coast SHA (72.1%).

Table Y: Percentage of persons aged 65 and over immunised against influenza by SHA

SHA	Coverage	
	2010-11 %	2011-12 %
England	72.8	74.0
North East	74.5	75.8
North West	74.6	76.7
Yorks & the Humber	73.4	74.8
East Midlands	72.9	73.9
West Midlands	71.3	72.6
East of England	73.0	73.5
London	71.4	72.2
South East Coast	71.1	72.1
South Central	73.6	74.4
South West	73.0	74.2

Source: Department of Health. See Table 14 in the Data Tables section.

For a more detailed breakdown of the statistics in this section, see Table 14a in Data Tables.

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14	Percentage of persons aged 65 and over immunised against influenza (seasonal flu) by Strategic Health Authority, 2011-12
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Table 1: Completed primary courses: percentage of children immunised by their first birthday, 2001-02 to 2011-12

England		<i>percentages</i>							
Year of 1st birthday	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	Diphtheria	Tetanus	Polio	Pertussis (whooping cough)	Haemophilus Influenzae b (Hib)	Meningococcal group C (MenC)	Pneumococcal Disease (PCV)	
	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	
2001-02	.	90.7	90.7	90.5	90.2	90.5	89.1	.	
2002-03	.	90.9	90.9	90.8	90.5	90.7	90.0	.	
2003-04	.	90.9	90.9	90.9	90.6	90.8	90.2	.	
2004-05	.	90.1	90.1	90.0	89.9	89.9	89.6	.	
2005-06 ⁽¹⁾	.	91.4	91.3	91.3	91.4	91.3	90.9	.	
2006-07 ⁽²⁾	91.1	.	.	.	.	.	91.0	.	
2007-08 ⁽³⁾	91.3	.	.	.	.	.	90.3	83.7	
2008-09 ⁽⁴⁾	92.0	91.2	91.3	
2009-10 ⁽⁵⁾	93.6	92.7	92.9	
2010-11 ⁽⁶⁾	94.2	93.4	93.6	
2011-12 ⁽⁷⁾	94.7	93.9	94.2	

Source: COVER

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Table 2: Completed primary and booster courses: percentage of children immunised by their second birthday, 2001-02 to 2011-12

England		<i>percentages</i>									
Year of 2nd birthday	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	Diphtheria	Tetanus	Polio	Pertussis (whooping cough)	Haemophilus Influenzae b (Hib)	Meningococcal group C (MenC)	Measles Mumps Rubella (MMR)	Hib/MenC	Pneumococcal Disease (PCV)	
	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>primary</i>	<i>1st dose</i>	<i>booster</i>	<i>booster</i>	
2001-02	.	93.8	93.8	93.7	93.0	93.3	85.0	84.1	.	.	
2002-03	.	93.7	93.6	93.4	93.1	93.3	92.0	81.8	.	.	
2003-04	.	93.7	93.7	93.7	93.3	93.4	92.7	79.9	.	.	
2004-05	.	93.5	93.5	93.4	93.1	93.3	92.8	80.9	.	.	
2005-06 ⁽¹⁾	.	94.0	93.9	93.9	93.7	93.7	93.3	84.1	.	.	
2006-07 ⁽²⁾	93.4	.	.	.	.	.	93.3	85.2	.	.	
2007-08 ⁽³⁾	93.6	.	.	.	.	.	93.2	84.6	.	.	
2008-09 ⁽⁴⁾	93.9	.	.	.	.	.	91.9	84.9	85.4	81.5	
2009-10 ⁽⁵⁾	95.3	.	.	.	.	.	94.2	88.2	90.0	87.6	
2010-11 ⁽⁶⁾	96.0	.	.	.	.	.	94.8	89.1	91.6	89.3	
2011-12 ⁽⁷⁾	96.1	.	.	.	.	.	94.9	91.2	92.3	91.5	

⁽¹⁾ In 2005-06, 9 PCTs were unable to submit data due to problems relating to the implementation of a new child health system.⁽²⁾ In 2006-07, 7 PCTs were unable to provide reliable annual data due to ongoing problems relating to the implementation of a new child health system.⁽³⁾ In 2007-08, 6 PCTs did not provide any data, and a further 7 had some missing data for the 5 year cohort due to ongoing problems relating to the implementation of a new child health system. 1 PCT was unable to provide data due to a major problem with the child health computer system.⁽⁴⁾ In 2008-09, 18 Trusts reported data quality issues. 13 of these were directly attributable to the introduction of new child health systems. One PCT submitted partial datasets due to the unavailability of data from certain parts of the PCT and a further 3 PCTs submitted data based upon quarterly data due to problems reporting an annual figure.⁽⁵⁾ In 2009-10, 4 PCTs reported data quality issues associated with child health information systems.⁽⁶⁾ In 2010-11, 10 PCTs identified data quality issues, six of which were associated with the implementation of child health information systems. In addition, three PCTs reported only partial data for their area and a further one reported figures that were estimates.⁽⁷⁾ In 2011-12, 4 PCTs identified data quality issues.

Source: COVER

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Table 3: Completed primary courses and boosters: percentage of children immunised by their fifth birthday, 2001-02 to 2011-12

England									percentages
Year of 5th birthday	Diphtheria Tetanus Polio	Diphtheria Tetanus Polio	Diphtheria Tetanus Polio Pertussis	Pertussis (whooping cough)	Haemophilus Influenzae b (Hib)	MMR	MMR	Hib/MenC Experimental	
	<i>primary</i> ⁽¹⁾	<i>booster</i>	<i>booster</i>	<i>primary</i>	<i>primary</i> ⁽¹⁾	<i>1st dose</i>	<i>1st and 2nd dose</i>	<i>booster</i>	
2001-02	94.0	81.0	.	93.0	93.0	91.0	74.0	.	
2002-03	93.8	80.1	.	92.8	93.0	90.4	74.9	.	
2003-04	93.6	80.3	.	92.8	92.9	90.2	74.9	.	
2004-05	93.3	78.9	.	92.6	92.7	88.6	73.3	.	
2005-06 ⁽²⁾	93.8	80.0	.	93.2	93.2	87.3	73.6	.	
2006-07 ⁽³⁾	93.3	.	79.3	92.9	92.5	85.9	72.8	.	
2007-08 ⁽⁴⁾	92.6	.	78.6	.	92.2	87.0	74.6	.	
2008-09 ⁽⁵⁾⁽⁶⁾	92.5	.	80.1	.	90.9	88.9	78.0	.	
2009-10 ⁽⁷⁾	94.0	.	84.8	.	93.1	91.0	82.7	.	
2010-11 ⁽⁸⁾	94.7	.	85.9	.	94.2	91.9	84.2	.	
2011-12 ⁽⁹⁾⁽¹⁰⁾	95.4	.	87.4	.	94.9	92.9	86.0	88.9	

⁽¹⁾ Children reaching their 5th birthday from the 2010-11 collection year onwards would have routinely been offered protection against diphtheria, tetanus, pertussis, polio and Hib (Haemophilus influenzae type b) with DTaP/IPV/Hib vaccine, also known as '5 in 1' vaccine.

⁽²⁾ In 2005-06, 9 PCTs were unable to submit data due to problems relating to the implementation of a new child health system.

⁽³⁾ In 2006-07, 7 PCTs were unable to provide reliable annual data due to ongoing problems relating to the implementation of a new child health system.

⁽⁴⁾ In 2007-08, 6 PCTs did not provide any data, and a further 7 had some missing data for the 5 year cohort due to ongoing problems relating to the implementation of a new child health system. 1 PCT was unable to provide data due to a major problem with the child health computer system.

⁽⁵⁾ In 2008-09, 2 Trusts in London were not able to provide Hib figures for the 5-year cohort.

⁽⁶⁾ In 2008-09, 18 Trusts reported data quality issues. 13 of these were directly attributable to the introduction of new child health systems. One PCT submitted partial datasets due to the unavailability of data from certain parts of the PCT and a further 3 PCTs submitted data based upon quarterly data due to problems reporting an annual figure.

⁽⁷⁾ In 2009-10, 4 PCTs reported data quality issues associated with child health information systems.

⁽⁸⁾ In 2010-11, 10 PCTs identified data quality issues.

⁽⁹⁾ In 2011-12, 4 PCTs identified data quality issues.

⁽¹⁰⁾ Coverage statistics for the Hib/MenC booster at 5 years are available for the first time this year and reported as experimental statistics. National coverage excludes one PCT due to data quality issues.

Source: COVER

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Table 4: Completed primary courses: percentage of children immunised by their second birthday, by Strategic Health Authority, 2001-02 to 2011-12

Year of 2nd birthday	percentages										
	SHA Code England	Q30 North East	Q31 North West	Q32 Yorkshire and the Humber	Q33 East Midlands	Q34 West Midlands	Q35 East of England	Q36 London (2)(3)(4)	Q37 South East Coast	Q38 South Central	Q39 South West (4)
Diphtheria, Tetanus and Polio (1)											
2001-02	93.8	95.2	94.9	94.1	96.3	95.0	94.4	88.6	94.4	93.2	96.0
2002-03	93.7	94.7	94.6	94.3	96.4	94.5	95.2	88.5	95.5	91.6	95.7
2003-04	93.7	95.3	94.8	94.0	96.0	94.8	94.8	88.0	94.4	94.3	96.0
2004-05	93.5	95.1	94.8	93.5	96.3	95.3	94.8	87.3	93.8	94.8	94.8
2005-06 (2)	94.0	94.9	95.2	93.6	95.9	95.1	94.6	88.3	93.6	94.4	95.6
Pertussis (whooping cough)											
2001-02	93.0	94.5	93.9	93.4	95.8	94.0	93.6	88.1	93.7	92.5	95.1
2002-03	93.1	94.1	93.9	93.8	96.0	93.9	94.6	88.1	94.9	91.2	95.1
2003-04	93.3	94.8	94.2	93.7	95.7	94.4	94.3	87.8	93.9	94.0	95.5
2004-05	93.1	94.8	94.3	93.2	96.1	94.8	94.4	87.1	93.5	94.4	94.3
2005-06 (2)	93.7	94.6	94.9	93.3	95.7	94.8	94.4	88.1	93.4	93.9	95.3
Diphtheria, Tetanus, Polio, Pertussis (whooping cough) and Hib											
2006-07 (3)	93.4	95.5	95.4	93.4	94.7	95.3	95.0	86.2	91.4	94.9	95.8
2007-08 (4)	93.6	95.8	95.8	93.9	95.2	96.1	95.0	85.4	92.9	94.7	96.5
2008-09 (5)	93.9	95.1	95.2	95.4	96.2	96.1	95.1	86.5	94.5	96.3	95.7
2009-10 (6)	95.3	96.9	96.6	96.3	96.6	96.8	95.8	90.8	94.8	96.7	96.6
2010-11 (7)	96.0	97.4	96.8	96.8	97.1	97.3	96.3	92.9	95.1	97.0	96.7
2011-12 (8)	96.1	97.5	97.1	97.1	97.4	96.8	96.5	93.3	95.3	96.8	97.0
MMR											
2001-02	84.1	87.0	86.4	86.4	88.4	85.5	85.4	74.8	83.3	84.5	86.2
2002-03	81.8	85.3	83.9	84.4	86.8	84.0	83.0	72.5	81.6	81.4	83.4
2003-04	79.9	83.5	82.8	84.1	85.5	82.2	79.7	70.0	77.4	81.6	81.1
2004-05	80.9	85.2	84.0	83.2	86.3	82.8	81.4	71.4	79.6	83.0	80.5
2005-06 (2)	84.1	87.2	86.3	85.6	87.6	84.8	84.3	73.5	82.8	86.0	86.2
2006-07 (3)	85.2	88.8	87.7	87.0	87.9	87.6	85.6	74.9	84.5	88.1	87.0
2007-08 (4)	84.6	88.5	86.7	85.0	88.8	88.1	84.2	74.2	82.9	86.2	88.4
2008-09 (5)	84.9	88.1	87.2	86.6	87.7	88.4	83.9	76.3	84.6	88.2	87.4
2009-10 (6)	88.2	91.1	91.1	89.2	89.7	90.5	87.3	81.9	87.5	91.4	89.1
2010-11 (7)	89.1	91.4	91.2	90.7	90.6	91.5	88.7	83.8	88.3	91.3	89.6
2011-12 (8)	91.2	93.0	93.4	93.1	92.9	92.0	91.8	86.1	90.6	93.5	91.7

(1) The rates for the three immunisations, diphtheria, tetanus and polio, are virtually identical as they are generally administered at the same time; for convenience the rates for diphtheria are shown in the table.

(2) In London for 2005-06, 9 out of 31 PCTs were unable to submit data due to problems relating to the implementation of a new child health system.

(3) In London for 2006-07, 7 out of 31 PCTs were unable to provide reliable annual data due to ongoing problems relating to the implementation of a new child health system.

(4) In London for 2007-08, 6 out of 31 PCTs were unable to provide reliable annual data due to ongoing problems relating to the implementation of a new child health system. 1 out of 14 PCTs in South West SHA was unable to provide data due to a major problem with the child health computer system.

(5) In 2008-09, 18 Trusts reported data quality issues. 13 of these were directly attributable to the introduction of new child health systems. One PCT submitted partial datasets due to the unavailability of data from certain parts of the PCT and a further 3 PCTs submitted data based upon quarterly data due to problems reporting an annual figure.

(6) In 2009-10, 4 PCTs reported data quality issues associated with child health information systems.

(7) In 2010-11, 10 PCTs identified data quality issues, six of which were associated with the implementation of child health information systems. In addition, three PCTs reported only partial data for their area and a further one reported figures that were estimates.

(8) In 2011-12, 4 PCTs identified data quality issues.

Source: COVER

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Table 5a: Percentage of children immunised by their 1st birthday, by country of the UK, 2011-12

percentages and thousands

Percentage immunised by their 1st birthday

	Number of children aged 1 (thousands) (=100%)	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	PCV
		<i>primary</i>	<i>primary</i>	<i>primary</i>
		%	%	%
United Kingdom	805.5	95.0	94.3	94.6
England	686.2	94.7	93.9	94.2
Northern Ireland	25.4	97.6	97.2	97.4
Scotland	58.5	97.4	96.8	97.4
Wales	35.4	96.4	96.1	95.8

Source: COVER

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Table 5b: Percentage of children immunised by their 2nd birthday, by country of the UK, 2011-12

percentages and thousands

Percentage immunised by their 2nd birthday

	Number of children aged 2 (thousands) (=100%)	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	MMR	Hib/MenC	PCV
		<i>primary</i>	<i>primary</i>	<i>1st dose</i>	<i>booster</i>	<i>booster</i>
		%	%	%	%	%
United Kingdom	799.0	96.4	95.1	91.6	92.7	91.9
England	679.6	96.1	94.9	91.2	92.3	91.5
Northern Ireland	25.1	98.4	96.7	93.3	95.5	93.9
Scotland	59.3	98.1	96.1	94.3	95.3	94.5
Wales	35.1	97.4	96.0	92.7	93.7	93.7

Source: COVER

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Table 5c: Percentage of children immunised by their 5th birthday, by country of the UK, 2011-12

percentages and thousands

Percentage immunised by their 5th birthday

	Number of children aged 5 (thousands) (=100%)	Diphtheria Tetanus Polio Pertussis (DTaP/IPV)	MMR	MMR	Hib/MenC Experimental
		<i>booster</i>	<i>1st dose</i>	<i>1st and 2nd dose</i>	<i>booster</i>
		%	%	%	%
United Kingdom	761.0	88.0	93.4	86.5	89.3
England	646.0	87.4	92.9	86.0	88.9
Northern Ireland	24.1	92.9	96.7	91.2	88.7
Scotland	57.2	91.9	96.6	90.2	95.1
Wales	33.6	89.7	94.6	87.1	92.2

Source: COVER

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Table 6: BCG vaccinations by age, 2011-12

England ⁽¹⁾	thousands
Age (in years)	Total Vaccinations
All Ages ⁽¹⁾	181.1
Under 1	154.1
1-5	20.2
6-15	5.8
16 or over ⁽²⁾	1.0

NB: The number of Mantoux tests has not been reported as many Trusts were unable to provide these data.

⁽¹⁾ Four Trusts did not submit figures for the numbers of persons aged 1 year and over receiving BCG vaccinations due to data quality or IT system issues. One Trust did not submit figures for the number of under one's receiving BCG vaccinations. These Trusts are not therefore included in the England totals.

⁽²⁾ The category '16 or over' will include young people who were aged 15 at the time of vaccination but became 16 in the 2011-12 collection year.

Source: KC50

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Table 7: Tuberculin skin tests by result and BCG vaccinations, 2001-02 to 2011-12

England	percentages and thousands					
	Number of skin tests				Number of mantoux tests ⁽²⁾	Number of vaccinations ⁽³⁾
	Total	Found positive	Found negative	% of skin tests found negative		
2001-02	649.8	63.8	586.0	90.2	.	741.6
2002-03	413.1	33.3	379.7	91.9	.	449.9
2003-04	723.9	58.2	665.7	92.0	.	817.3
2004-05	540.4	44.7	495.7	91.7	.	628.3
2005-06	44.7	4.3	40.4	90.4	.	155.6
2006-07	16.6	1.3	15.3	92.1	.	172.0
2007-08	.	.	.	.	15.7	217.3
2008-09	.	.	.	.	13.1	239.2
2009-10	.	.	.	.	9.1	223.2
2010-11	.	.	.	.	8.8	225.3
2011-12 ⁽¹⁾	181.1

.. Data not available

⁽¹⁾ Four Trusts did not submit figures for the numbers of persons aged 1 year and over receiving BCG vaccinations due to data quality or IT system issues. One Trust did not submit figures for the number of under one's receiving BCG vaccinations. These Trusts are not therefore included in the England totals.

⁽²⁾ NB: The number of mantoux tests has not been reported for 2011-12 as many Trusts were unable to provide these data. Mantoux data for previous years was not subject to the same level of validation as other data collected on the KC50 and it is quite likely that some Trusts reporting 0 tests in previous years did so because they were unable to provide data. Some caution should therefore be exercised when comparing these data over time.

⁽³⁾ The HSCIC has been advised by Tower Hamlets PCT that the figures they reported on the number of children aged 1 and over who had received BCG vaccinations in 2008-09, 2009-10 and 2010-11 are incorrect. This has an impact on national BCG vaccination figures in this table. In light of this incident, the HSCIC is undertaking a general review of BCG figures (potentially affecting this table). It may be necessary to publish revised figures in due course and whilst this work is in progress the HSCIC recommends that some caution should be exercised when using these figures. The HSCIC apologises for the inconvenience caused.

Source: KC50

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For more information on the data quality issues on the 2011-12 KC50 return please see Appendix C following the tables at the back of the NHS Immunisation Statistics, England publication.

Table 8: Completed primary courses: percentage of children immunised by their first birthday against Diphtheria, 1992-93 to 2011-12

England	percentages*
Year of 1st birthday	Diphtheria <i>primary</i>
1992-93	93
1993-94	92
1994-95	92
1995-96	93
1996-97	93
1997-98	92.5
1998-99	92.0
1999-2000	92.0
2000-01	91.2
2001-02	90.7
2002-03	90.9
2003-04	90.9
2004-05	90.1
2005-06 ⁽¹⁾	91.4
2006-07 ⁽²⁾⁽³⁾	91.1
2007-08 ⁽²⁾⁽⁴⁾	91.3
2008-09 ⁽²⁾⁽⁵⁾	92.0
2009-10 ⁽²⁾⁽⁶⁾	93.6
2010-11 ⁽²⁾⁽⁷⁾	94.2
2011-12 ⁽²⁾⁽⁸⁾	94.7

Table 9: Completed primary courses: percentage of children immunised by their second birthday against Measles Mumps and Rubella (MMR), 1992-93 to 2011-12

England	percentages
Year of 2nd birthday	Measles Mumps Rubella (MMR) <i>1st dose</i>
1992-93	91.6
1993-94	90.8
1994-95	91.0
1995-96	91.8
1996-97	91.5
1997-98	90.8
1998-99	88.3
1999-2000	87.6
2000-01	87.4
2001-02	84.1
2002-03	81.8
2003-04	79.9
2004-05	80.9
2005-06 ⁽¹⁾	84.1
2006-07 ⁽³⁾	85.2
2007-08 ⁽⁴⁾	84.6
2008-09 ⁽⁵⁾	84.9
2009-10 ⁽⁶⁾	88.2
2010-11 ⁽⁷⁾	89.1
2011-12 ⁽⁸⁾	91.2

* Percentages to one decimal place are only available from 1997-98.

⁽¹⁾ In 2005-06, 9 PCTs were unable to submit data due to problems relating to the implementation of a new child health system.

⁽²⁾ Figures from 2006-7 to present are for DTaP/IPV/Hib '5-in 1' vaccine which includes Diphtheria, Tetanus, Polio, Pertussis and Hib.

⁽³⁾ In 2006-07, 7 PCTs were unable to submit data due to problems relating to the implementation of a new child health system.

⁽⁴⁾ In 2007-08, 6 PCTs were unable to submit data due to problems relating to the implementation of a new child health system.

⁽⁵⁾ In 2008-09, 18 Trusts reported data quality issues. 13 of these were directly attributable to the introduction of new child health systems. One PCT submitted partial datasets due to the unavailability of data from certain parts of the PCT and a further 3 PCTs submitted data based upon quarterly data due to problems reporting an annual figure.

⁽⁶⁾ In 2009-10, 4 PCTs reported data quality issues associated with child health information systems.

⁽⁷⁾ In 2010-11, 10 PCTs identified data quality issues, six of which were associated with the implementation of child health information systems. In addition, three PCTs reported only partial data for their area and a further one reported figures that were estimates.

⁽⁸⁾ In 2011-12, 4 PCTs identified data quality issues.

Source: COVER

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Table 10: Percentage of children immunised by their 1st birthday, by Strategic Health Authority, 2011-12

percentages and thousands

SHA Code	ONS Code	Number of children aged 1 (thousands) (=100%)	Percentage immunised by their 1st birthday			
			Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib) <i>primary</i> %	MenC <i>primary</i> %	Pneumococcal Disease (PCV) <i>primary</i> %	
England		686.2	94.7	93.9	94.2	
Q30	North East	E18000001	30.7	96.3	95.8	96.1
Q31	North West	E18000002	87.8	95.8	95.4	95.6
Q32	Yorkshire and the Humber	E18000003	66.2	95.8	95.2	95.7
Q33	East Midlands	E18000004	54.4	96.2	95.4	95.8
Q34	West Midlands	E18000005	71.5	94.9	94.5	94.6
Q35	East of England	E18000006	73.9	95.5	94.7	95.0
Q36	London	E18000007	132.1	91.3	89.9	90.4
Q37	South East Coast	E18000008	53.7	93.7	93.2	93.1
Q38	South Central	E18000009	55.2	95.6	94.4	95.1
Q39	South West	E18000010	60.8	95.6	95.1	95.4

Source: COVER

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Table 10a: Percentage of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

		<i>percentages and thousands</i>				
		Percentage immunised by their 1st birthday				
SHA & PCO Codes	ONS Code	Number of children aged 1 (thousands) (=100%)	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	Pneumococcal Disease (PCV)	
			<i>primary %</i>	<i>primary %</i>	<i>primary %</i>	
England		686.2	94.7	93.9	94.2	
Q30	North East	E18000001	30.7	96.3	95.8	96.1
5ND	County Durham PCT	E16000085	5.9	97.1	96.8	97.0
5J9	Darlington PCT	E16000041	1.3	97.9	97.5	97.4
5KF	Gateshead PCT	E16000050	2.4	97.2	96.7	97.0
5D9	Hartlepool PCT	E16000019	1.1	93.1	92.7	92.0
5KM	Middlesbrough PCT	E16000053	2.1	92.6	92.4	92.3
5D7	Newcastle PCT	E16000017	3.4	94.7	93.1	94.0
5D8	North Tyneside PCT	E16000018	2.5	98.8	98.6	98.6
TAC	Northumberland Care Trust	E17000001	3.2	97.1	96.9	97.0
5QR	Redcar & Cleveland PCT	E16000146	1.5	94.8	94.6	94.6
5KG	South Tyneside PCT	E16000051	1.7	98.3	98.0	98.5
5KL	Sunderland Teaching PCT	E16000052	3.1	96.7	96.5	96.6
5E1	Stockton-on-Tees Teaching PCT	E16000020	2.4	95.3	94.4	94.9
Q31	North West	E18000002	87.8	95.8	95.4	95.6
5HG	Ashton, Leigh & Wigan PCT	E16000032	3.9	96.4	96.3	96.6
TAP	Blackburn with Darwen Teaching Care Trust Plus	E17000006	2.2	95.5	95.0	95.0
5HP	Blackpool PCT	E16000033	1.6	95.9	95.6	95.7
5HQ	Bolton PCT	E16000148	3.9	96.9	96.3	97.0
5JX	Bury PCT	E16000043	2.5	93.7	93.0	93.3
5NP	Central & Eastern Cheshire PCT	E16000095	5.3	96.4	97.1	97.3
5NG	Central Lancashire PCT	E16000088	5.4	96.4	95.9	96.0
5NE	Cumbria Teaching PCT	E16000086	5.0	97.3	96.2	97.2
5NH	East Lancashire Teaching PCT	E16000089	4.8	94.7	94.2	93.9
5NM	Halton & St Helens PCT	E16000093	3.8	92.2	92.1	92.4
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	3.0	96.1	95.9	95.8
5J4	Knowsley PCT	E16000038	1.9	93.9	96.2	96.0
5NL	Liverpool PCT	E16000092	5.6	97.0	96.4	96.3
5NT	Manchester PCT	E16000149	7.3	94.8	93.7	94.0
5NF	North Lancashire Teaching PCT	E16000087	3.3	96.3	95.9	96.2
5J5	Oldham PCT	E16000039	3.3	96.9	96.3	96.7
5F5	Salford PCT	E16000025	3.5	97.9	94.8	95.8
5NJ	Sefton PCT	E16000090	2.8	95.4	95.1	95.6
5F7	Stockport PCT	E16000026	3.5	95.7	95.2	94.0
5LH	Tameside & Glossop PCT	E16000062	3.1	95.0	94.8	95.1
5NR	Trafford PCT	E16000097	3.0	95.8	94.9	95.1
5J2	Warrington PCT	E16000037	2.5	96.4	96.4	96.5
5NN	Western Cheshire PCT	E16000094	2.7	96.2	96.7	96.8
5NK	Wirral PCT	E16000091	3.8	95.2	95.0	95.3
Q32	Yorkshire & the Humber	E18000003	66.2	95.8	95.2	95.7
5JE	Barnsley PCT	E16000042	3.0	96.0	95.5	95.9
5NY	Bradford & Airedale Teaching PCT	E16000102	8.4	94.8	94.0	94.1
5J6	Calderdale PCT	E16000040	2.7	96.1	94.6	95.5
5N5	Doncaster PCT	E16000078	3.8	95.3	94.9	95.1
5NW	East Riding of Yorkshire PCT	E16000100	3.0	96.8	95.7	96.3
5NX	Hull Teaching PCT	E16000101	3.8	95.6	94.9	95.3
5N2	Kirklees PCT	E16000075	5.6	96.7	96.1	96.3
5N1	Leeds PCT	E16000074	10.2	96.3	95.3	95.9

Table 10a: Percentage of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

		<i>percentages and thousands</i>				
		Percentage immunised by their 1st birthday				
SHA & PCO Codes	ONS Code	Number of children aged 1 (thousands) (=100%)	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	Pneumococcal Disease (PCV)	
			<i>primary %</i>	<i>primary %</i>	<i>primary %</i>	
England		686.2	94.7	93.9	94.2	
TAN	North East Lincolnshire Care Trust Plus	E17000005	2.1	95.8	94.1	95.6
5EF	North Lincolnshire PCT	E16000021	1.9	96.4	96.1	96.2
5NV	North Yorkshire & York PCT	E16000099	7.8	95.3	96.5	97.3
5H8	Rotherham PCT	E16000031	3.1	96.1	95.4	95.9
5N4	Sheffield PCT	E16000077	6.6	95.0	93.7	94.1
5N3	Wakefield District PCT	E16000076	4.2	97.0	96.4	96.7
Q33	East Midlands	E18000004	54.4	96.2	95.4	95.8
5ET	Bassetlaw PCT	E16000023	1.2	96.5	96.2	96.0
5N7	Derby City PCT	E16000080	3.7	96.0	94.4	94.6
5N6	Derbyshire County PCT	E16000079	7.7	97.0	96.3	96.4
5PC	Leicester City PCT	E16000113	5.2	96.3	94.9	95.7
5PA	Leicestershire County & Rutland PCT	E16000112	7.4	97.7	97.0	97.4
5N9	Lincolnshire Teaching PCT	E16000082	8.0	95.4	94.6	95.2
5PD	Northamptonshire Teaching PCT	E16000114	9.1	97.2	96.6	96.8
5EM	Nottingham City PCT	E16000022	4.5	92.4	91.4	91.9
5N8	Nottinghamshire County Teaching PCT	E16000081	7.6	96.0	95.4	95.7
Q34	West Midlands	E18000005	71.5	94.9	94.5	94.6
5PG	Birmingham East & North PCT	E16000117	6.6	90.3	89.9	90.6
5MD	Coventry Teaching PCT	E16000070	4.5	97.1	96.3	96.7
5PE	Dudley PCT	E16000115	3.6	96.6	96.5	96.6
5MX	Heart of Birmingham Teaching PCT	E16000073	5.4	89.3	88.7	88.9
5CN	Herefordshire PCT	E16000015	1.9	93.6	92.8	93.3
5PH	North Staffordshire PCT	E16000118	2.0	97.2	98.0	97.1
5PF	Sandwell PCT	E16000116	4.9	94.6	94.0	94.1
5M2	Shropshire County PCT	E16000065	2.9	97.0	96.1	96.6
5QW	Solihull PCT ⁽¹⁾	E16000151	2.6	95.6	94.6	94.9
5M1	South Birmingham PCT	E16000064	5.0	91.1	90.2	91.2
5PK	South Staffordshire PCT	E16000120	6.8	97.0	96.6	96.6
5PJ	Stoke-on-Trent PCT	E16000119	3.8	95.7	96.7	95.8
5MK	Telford & Wrekin PCT	E16000071	2.2	96.7	96.1	96.3
5M3	Walsall Teaching PCT	E16000066	3.4	98.0	97.8	97.9
5PM	Warwickshire PCT	E16000122	5.9	97.6	97.0	97.1
5MV	Wolverhampton City PCT	E16000072	3.5	94.8	94.1	94.3
5PL	Worcestershire PCT	E16000121	6.5	96.3	95.7	95.7
Q35	East of England	E18000006	73.9	95.5	94.7	95.0
5P2	Bedfordshire PCT	E16000104	5.6	97.2	96.5	96.8
5PP	Cambridgeshire PCT	E16000124	7.6	94.3	93.6	94.0
5PR	Great Yarmouth & Waveney Teaching PCT	E16000126	2.5	93.3	93.1	93.1
5QV	Hertfordshire PCT	E16000150	15.7	95.9	95.2	95.5
5GC	Luton PCT	E16000029	3.4	94.8	93.5	93.8
5PX	Mid Essex PCT	E16000130	4.3	96.2	96.0	96.0
5PQ	Norfolk PCT	E16000125	8.0	95.5	94.6	94.9
5PW	North East Essex PCT	E16000129	3.7	94.7	94.0	94.6
5PN	Peterborough PCT	E16000123	3.0	94.3	92.5	93.1
5P1	South East Essex PCT	E16000103	4.0	95.6	94.9	95.2
5PY	South West Essex PCT	E16000131	5.6	95.0	94.1	94.5

Table 10a: Percentage of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes	ONS Code	Number of children aged 1 (thousands) (=100%)	Percentage immunised by their 1st birthday		
			Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib) primary %	MenC primary %	Pneumococcal Disease (PCV) primary %
England		686.2	94.7	93.9	94.2
5PT Suffolk PCT	E16000127	6.8	95.8	95.3	95.3
5PV West Essex PCT	E16000128	3.7	96.0	95.3	95.6
Q36 London	E18000007	132.1	91.3	89.9	90.4
5C2 Barking & Dagenham PCT	E16000009	3.8	91.5	89.1	89.3
5A9 Barnet PCT	E16000006	5.7	95.3	93.3	94.0
TAK Bexley Care Trust	E17000002	3.1	93.4	93.4	93.4
5K5 Brent Teaching PCT	E16000045	5.2	94.6	93.6	94.4
5A7 Bromley PCT	E16000004	4.2	95.1	94.1	94.5
5K7 Camden PCT	E16000047	2.9	89.7	88.1	89.4
5C3 City & Hackney Teaching PCT	E16000010	4.5	85.0	84.1	84.4
5K9 Croydon PCT	E16000049	5.7	91.3	90.5	90.7
5HX Ealing PCT	E16000035	6.0	95.4	93.1	93.7
5C1 Enfield PCT	E16000008	4.7	85.4	84.8	84.7
5A8 Greenwich Teaching PCT	E16000005	4.6	89.4	89.0	89.0
5H1 Hammersmith & Fulham PCT	E16000030	2.7	88.8	87.1	88.0
5C9 Haringey Teaching PCT	E16000013	4.2	92.4	90.6	91.6
5K6 Harrow PCT	E16000046	3.3	96.4	95.4	96.2
5A4 Havering PCT	E16000002	3.0	94.5	94.5	94.1
5AT Hillingdon PCT	E16000007	4.1	95.6	94.4	95.0
5HY Hounslow PCT	E16000036	4.5	93.5	89.5	91.9
5K8 Islington PCT	E16000048	2.8	95.6	94.6	95.2
5LA Kensington & Chelsea PCT	E16000056	2.4	85.1	81.6	85.1
5A5 Kingston PCT	E16000003	2.6	93.5	92.6	93.0
5LD Lambeth PCT	E16000058	4.9	89.7	88.7	89.3
5LF Lewisham PCT	E16000060	4.8	87.8	87.8	89.1
5C5 Newham PCT	E16000012	6.5	87.3	86.2	86.2
5NA Redbridge PCT	E16000083	4.5	92.1	89.9	90.5
5M6 Richmond & Twickenham PCT	E16000067	3.1	90.6	89.7	90.5
5LE Southwark PCT	E16000059	4.9	89.6	89.0	89.6
5M7 Sutton & Merton PCT	E16000068	6.1	84.9	84.3	83.9
5C4 Tower Hamlets PCT	E16000011	4.3	97.3	95.6	94.2
5NC Waltham Forest PCT	E16000084	4.9	92.8	91.7	91.7
5LG Wandsworth PCT	E16000061	5.3	91.9	90.9	89.1
5LC Westminster PCT	E16000057	2.7	85.3	81.4	83.8
Q37 South East Coast	E18000008	53.7	93.7	93.2	93.1
5LQ Brighton & Hove City PCT	E16000063	3.2	92.6	91.4	91.7
5P7 East Sussex Downs & Weald PCT	E16000109	3.5	95.1	94.9	94.3
5QA Eastern & Coastal Kent PCT	E16000132	8.7	95.8	95.4	95.4
5P8 Hastings & Rother PCT	E16000110	1.9	94.2	93.9	94.1
5L3 Medway PCT	E16000055	3.6	95.8	95.4	94.6
5P5 Surrey PCT	E16000107	15.0	88.6	88.0	88.1
5P9 West Kent PCT	E16000111	8.4	97.5	97.1	97.2
5P6 West Sussex PCT	E16000108	9.4	95.5	94.7	94.4
Q38 South Central	E18000009	55.2	95.6	94.4	95.1
5QG Berkshire East PCT	E16000137	6.3	94.0	93.0	93.3
5QF Berkshire West PCT	E16000136	6.8	95.1	93.0	94.2

Table 10a: Percentage of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes	ONS Code	Number of children aged 1 (thousands) (=100%)	Percentage immunised by their 1st birthday		
			Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	Pneumococcal Disease (PCV)
			<i>primary %</i>	<i>primary %</i>	<i>primary %</i>
England		686.2	94.7	93.9	94.2
5QD Buckinghamshire PCT	E16000134	6.4	97.5	96.8	97.6
5QC Hampshire PCT	E16000133	15.5	95.6	95.0	95.1
5QT Isle of Wight NHS PCT	E16000147	1.3	92.9	91.4	92.7
5CQ Milton Keynes PCT	E16000016	4.1	96.1	94.9	95.3
5QE Oxfordshire PCT	E16000135	8.4	96.7	94.3	96.0
5FE Portsmouth City Teaching PCT	E16000027	2.7	94.4	93.8	94.3
5L1 Southampton City PCT	E16000054	3.6	95.5	94.3	94.9
Q39 South West	E18000010	60.8	95.6	95.1	95.4
5FL Bath & North East Somerset PCT	E16000028	2.0	96.6	96.2	97.0
5QN Bournemouth & Poole Teaching PCT ⁽²⁾	E16000143	4.2	89.1	88.3	88.4
5QJ Bristol PCT	E16000139	6.4	95.5	94.7	95.1
5QP Cornwall & Isles of Scilly PCT	E16000144	5.7	95.3	94.9	95.1
5QQ Devon PCT	E16000145	7.6	95.5	94.9	95.2
5QM Dorset PCT ⁽²⁾	E16000142	3.5	96.1	95.8	95.9
5QH Gloucestershire PCT	E16000138	6.6	97.1	96.8	97.0
5M8 North Somerset PCT	E16000069	2.4	96.9	96.6	96.8
5F1 Plymouth Teaching PCT	E16000024	3.3	96.1	95.8	95.9
5QL Somerset PCT	E16000141	5.8	94.3	94.1	94.8
5A3 South Gloucestershire PCT	E16000001	3.1	97.9	97.3	97.3
5K3 Swindon PCT	E16000044	3.2	95.9	94.0	94.5
TAL Torbay Care Trust	E17000003	1.5	97.4	97.2	97.3
5QK Wiltshire PCT	E16000140	5.5	97.2	97.0	97.1

⁽¹⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

⁽²⁾ Bournemouth & Poole Teaching PCT and Dorset PCT reported issues associated with IT systems which affected data quality in 2011-12.

Source: COVER

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Table 10b: Number of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

		numbers						
		Number immunised by their 1st birthday						
SHA & PCO Codes	ONS Code	Number of children aged 1	Diphtheria	Tetanus	Polio	Pertussis	Hib	Pneumococcal Disease (PCV)
			(DTaP/IPV/Hib)	MenC	primary	primary	primary	
England		686,181	649,591	644,281	646,494			
Q30	North East	E18000001	30,744	29,615	29,467	29,535		
5ND	County Durham PCT	E16000085	5,881	5,709	5,691	5,703		
5J9	Darlington PCT	E16000041	1,306	1,278	1,273	1,272		
5KF	Gateshead PCT	E16000050	2,449	2,380	2,369	2,375		
5D9	Hartlepool PCT	E16000019	1,127	1,049	1,045	1,037		
5KM	Middlesbrough PCT	E16000053	2,100	1,944	1,940	1,939		
5D7	Newcastle PCT	E16000017	3,426	3,245	3,189	3,221		
5D8	North Tyneside PCT	E16000018	2,494	2,465	2,459	2,458		
TAC	Northumberland Care Trust	E17000001	3,211	3,118	3,111	3,116		
5QR	Redcar & Cleveland PCT	E16000146	1,544	1,464	1,460	1,460		
5KG	South Tyneside PCT	E16000051	1,723	1,694	1,689	1,697		
5KL	Sunderland Teaching PCT	E16000052	3,097	2,995	2,989	2,992		
5E1	Stockton-on-Tees Teaching PCT	E16000020	2,386	2,274	2,252	2,265		
Q31	North West	E18000002	87,750	84,074	83,691	83,864		
5HG	Ashton, Leigh & Wigan PCT	E16000032	3,859	3,719	3,718	3,729		
TAP	Blackburn with Darwen Teaching Care Trust Plus	E17000006	2,241	2,140	2,130	2,130		
5HP	Blackpool PCT	E16000033	1,640	1,572	1,568	1,569		
5HQ	Bolton PCT	E16000148	3,905	3,782	3,762	3,786		
5JX	Bury PCT	E16000043	2,502	2,345	2,326	2,334		
5NP	Central & Eastern Cheshire PCT	E16000095	5,326	5,133	5,169	5,183		
5NG	Central Lancashire PCT	E16000088	5,426	5,232	5,205	5,211		
5NE	Cumbria Teaching PCT	E16000086	5,027	4,889	4,838	4,885		
5NH	East Lancashire Teaching PCT	E16000089	4,791	4,539	4,514	4,499		
5NM	Halton & St Helens PCT	E16000093	3,760	3,465	3,464	3,476		
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	3,022	2,904	2,899	2,895		
5J4	Knowsley PCT	E16000038	1,899	1,784	1,826	1,823		
5NL	Liverpool PCT	E16000092	5,618	5,449	5,418	5,411		
5NT	Manchester PCT	E16000149	7,282	6,901	6,825	6,846		
5NF	North Lancashire Teaching PCT	E16000087	3,302	3,181	3,166	3,175		
5J5	Oldham PCT	E16000039	3,285	3,182	3,165	3,177		
5F5	Salford PCT	E16000025	3,539	3,463	3,355	3,391		
5NJ	Sefton PCT	E16000090	2,813	2,684	2,675	2,688		
5F7	Stockport PCT	E16000026	3,451	3,304	3,286	3,244		
5LH	Tameside & Glossop PCT	E16000062	3,071	2,916	2,910	2,921		
5NR	Trafford PCT	E16000097	3,026	2,898	2,871	2,877		
5J2	Warrington PCT	E16000037	2,527	2,437	2,437	2,439		
5NN	Western Cheshire PCT	E16000094	2,662	2,561	2,575	2,577		
5NK	Wirral PCT	E16000091	3,776	3,594	3,589	3,598		
Q32	Yorkshire & the Humber	E18000003	66,215	63,448	63,032	63,337		
5JE	Barnsley PCT	E16000042	3,034	2,912	2,898	2,909		
5NY	Bradford & Airedale Teaching PCT	E16000102	8,382	7,944	7,883	7,884		
5J6	Calderdale PCT	E16000040	2,723	2,616	2,575	2,600		
5N5	Doncaster PCT	E16000078	3,781	3,602	3,587	3,596		
5NW	East Riding of Yorkshire PCT	E16000100	2,969	2,873	2,841	2,860		
5NX	Hull Teaching PCT	E16000101	3,806	3,638	3,611	3,627		
5N2	Kirklees PCT	E16000075	5,622	5,438	5,404	5,412		

Table 10b: Number of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

		numbers				
		Number immunised by their 1st birthday				
SHA & PCO Codes	ONS Code	Number of children aged 1	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	Pneumococcal Disease (PCV)	
			<i>primary</i>	<i>primary</i>	<i>primary</i>	
England		686,181	649,591	644,281	646,494	
5N1	Leeds PCT	E16000074	10,180	9,804	9,702	9,762
TAN	North East Lincolnshire Care Trust Plus	E17000005	2,055	1,968	1,933	1,965
5EF	North Lincolnshire PCT	E16000021	1,882	1,815	1,808	1,811
5NV	North Yorkshire & York PCT	E16000099	7,818	7,454	7,541	7,607
5H8	Rotherham PCT	E16000031	3,090	2,971	2,949	2,962
5N4	Sheffield PCT	E16000077	6,625	6,293	6,205	6,234
5N3	Wakefield District PCT	E16000076	4,248	4,120	4,095	4,108
Q33	East Midlands	E18000004	54,379	52,330	51,874	52,086
5ET	Bassetlaw PCT	E16000023	1,245	1,202	1,198	1,195
5N7	Derby City PCT	E16000080	3,710	3,563	3,503	3,510
5N6	Derbyshire County PCT	E16000079	7,715	7,481	7,427	7,440
5PC	Leicester City PCT	E16000113	5,240	5,047	4,971	5,015
5PA	Leicestershire County & Rutland PCT	E16000112	7,352	7,183	7,134	7,164
5N9	Lincolnshire Teaching PCT	E16000082	7,963	7,599	7,530	7,582
5PD	Northamptonshire Teaching PCT	E16000114	9,098	8,843	8,788	8,810
5EM	Nottingham City PCT	E16000022	4,455	4,118	4,071	4,094
5N8	Nottinghamshire County Teaching PCT	E16000081	7,601	7,294	7,252	7,276
Q34	West Midlands	E18000005	71,496	67,859	67,534	67,665
5PG	Birmingham East & North PCT	E16000117	6,563	5,924	5,898	5,943
5MD	Coventry Teaching PCT	E16000070	4,515	4,386	4,347	4,364
5PE	Dudley PCT	E16000115	3,612	3,489	3,484	3,490
5MX	Heart of Birmingham Teaching PCT	E16000073	5,350	4,777	4,747	4,757
5CN	Herefordshire PCT	E16000015	1,934	1,811	1,794	1,805
5PH	North Staffordshire PCT	E16000118	2,033	1,977	1,993	1,974
5PF	Sandwell PCT	E16000116	4,881	4,615	4,589	4,591
5M2	Shropshire County PCT	E16000065	2,863	2,776	2,752	2,767
5QW	Solihull PCT ⁽¹⁾	E16000151	2,595	2,480	2,454	2,462
5M1	South Birmingham PCT	E16000064	5,039	4,589	4,544	4,596
5PK	South Staffordshire PCT	E16000120	6,839	6,631	6,605	6,605
5PJ	Stoke on Trent PCT	E16000119	3,777	3,615	3,652	3,617
5MK	Telford & Wrekin PCT	E16000071	2,213	2,141	2,127	2,132
5M3	Walsall Teaching PCT	E16000066	3,382	3,316	3,307	3,311
5PM	Warwickshire PCT	E16000122	5,935	5,791	5,757	5,763
5MV	Wolverhampton City PCT	E16000072	3,514	3,330	3,308	3,315
5PL	Worcestershire PCT	E16000121	6,451	6,211	6,176	6,173
Q35	East of England	E18000006	73,878	70,528	69,972	70,195
5P2	Bedfordshire PCT	E16000104	5,554	5,401	5,357	5,378
5PP	Cambridgeshire PCT	E16000124	7,550	7,121	7,065	7,100
5PR	Great Yarmouth & Waveney Teaching PCT	E16000126	2,469	2,304	2,299	2,299
5QV	Hertfordshire PCT	E16000150	15,688	15,051	14,942	14,986
5GC	Luton PCT	E16000029	3,445	3,266	3,220	3,232
5PX	Mid Essex PCT	E16000130	4,308	4,145	4,135	4,136
5PQ	Norfolk PCT	E16000125	8,046	7,681	7,611	7,637
5PW	North East Essex PCT	E16000129	3,659	3,466	3,440	3,461
5PN	Peterborough PCT	E16000123	3,040	2,866	2,813	2,829

Table 10b: Number of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

		numbers				
		Number immunised by their 1st birthday				
SHA & PCO Codes	ONS Code	Number of children aged 1	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	Pneumococcal Disease (PCV)		
			primary	primary	primary	
England		686,181	649,591	644,281	646,494	
5P1	South East Essex PCT	E16000103	4,008	3,832	3,804	3,817
5PY	South West Essex PCT	E16000131	5,620	5,339	5,287	5,309
5PT	Suffolk PCT	E16000127	6,822	6,533	6,502	6,502
5PV	West Essex PCT	E16000128	3,669	3,523	3,497	3,509
Q36	London	E18000007	132,097	120,566	118,819	119,417
5C2	Barking & Dagenham PCT	E16000009	3,834	3,510	3,415	3,425
5A9	Barnet PCT	E16000006	5,659	5,394	5,281	5,322
TAK	Bexley Care Trust	E17000002	3,098	2,894	2,894	2,895
5K5	Brent Teaching PCT	E16000045	5,243	4,958	4,907	4,949
5A7	Bromley PCT	E16000004	4,206	4,001	3,956	3,973
5K7	Camden PCT	E16000047	2,919	2,619	2,573	2,609
5C3	City & Hackney Teaching PCT	E16000010	4,515	3,839	3,797	3,809
5K9	Croydon PCT	E16000049	5,676	5,181	5,136	5,150
5HX	Ealing PCT	E16000035	5,971	5,697	5,557	5,593
5C1	Enfield PCT	E16000008	4,697	4,011	3,981	3,978
5A8	Greenwich Teaching PCT	E16000005	4,593	4,107	4,086	4,089
5H1	Hammersmith & Fulham PCT	E16000030	2,729	2,422	2,376	2,401
5C9	Haringey Teaching PCT	E16000013	4,225	3,906	3,827	3,868
5K6	Harrow PCT	E16000046	3,330	3,210	3,176	3,204
5A4	Havering PCT	E16000002	3,034	2,868	2,868	2,856
5AT	Hillingdon PCT	E16000007	4,088	3,908	3,860	3,883
5HY	Hounslow PCT	E16000036	4,452	4,164	3,986	4,091
5K8	Islington PCT	E16000048	2,776	2,654	2,625	2,643
5LA	Kensington & Chelsea PCT	E16000056	2,433	2,070	1,985	2,071
5A5	Kingston PCT	E16000003	2,638	2,467	2,444	2,454
5LD	Lambeth PCT	E16000058	4,914	4,407	4,360	4,388
5LF	Lewisham PCT	E16000060	4,753	4,172	4,171	4,236
5C5	Newham PCT	E16000012	6,530	5,699	5,631	5,630
5NA	Redbridge PCT	E16000083	4,489	4,136	4,034	4,064
5M6	Richmond & Twickenham PCT	E16000067	3,064	2,775	2,749	2,774
5LE	Southwark PCT	E16000059	4,869	4,364	4,331	4,364
5M7	Sutton & Merton PCT	E16000068	6,106	5,184	5,149	5,122
5C4	Tower Hamlets PCT	E16000011	4,321	4,203	4,131	4,072
5NC	Waltham Forest PCT	E16000084	4,876	4,523	4,470	4,471
5LG	Wandsworth PCT	E16000061	5,313	4,880	4,829	4,733
5LC	Westminster PCT	E16000057	2,746	2,343	2,234	2,300
Q37	South East Coast	E18000008	53,704	50,329	50,032	49,986
5LQ	Brighton & Hove City PCT	E16000063	3,224	2,986	2,946	2,957
5P7	East Sussex Downs & Weald PCT	E16000109	3,505	3,334	3,327	3,305
5QA	Eastern & Coastal Kent PCT	E16000132	8,723	8,359	8,321	8,326
5P8	Hastings & Rother PCT	E16000110	1,945	1,832	1,827	1,830
5L3	Medway PCT	E16000055	3,556	3,406	3,392	3,363
5P5	Surrey PCT	E16000107	14,955	13,255	13,166	13,169
5P9	West Kent PCT	E16000111	8,408	8,195	8,163	8,172
5P6	West Sussex PCT	E16000108	9,388	8,962	8,890	8,864
Q38	South Central	E18000009	55,167	52,760	52,099	52,480

Table 10b: Number of children immunised by their 1st birthday, by Primary Care Organisation, 2011-12

		numbers				
		Number immunised by their 1st birthday				
SHA & PCO Codes	ONS Code	Number of children aged 1	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	Pneumococcal Disease (PCV)	
			<i>primary</i>	<i>primary</i>	<i>primary</i>	
England		686,181	649,591	644,281	646,494	
5QG	Berkshire East PCT	E16000137	6,295	5,915	5,856	5,871
5QF	Berkshire West PCT	E16000136	6,849	6,515	6,371	6,455
5QD	Buckinghamshire PCT	E16000134	6,400	6,239	6,194	6,248
5QC	Hampshire PCT	E16000133	15,497	14,811	14,726	14,737
5QT	Isle of Wight NHS PCT	E16000147	1,304	1,212	1,192	1,209
5CQ	Milton Keynes PCT	E16000016	4,102	3,941	3,894	3,910
5QE	Oxfordshire PCT	E16000135	8,449	8,170	7,966	8,115
5FE	Portsmouth City Teaching PCT	E16000027	2,716	2,563	2,547	2,562
5L1	Southampton City PCT	E16000054	3,555	3,394	3,353	3,373
Q39	South West	E18000010	60,751	58,082	57,761	57,929
5FL	Bath & North East Somerset PCT	E16000028	1,995	1,927	1,920	1,935
5QN	Bournemouth & Poole Teaching PCT ⁽²⁾	E16000143	4,211	3,752	3,720	3,723
5QJ	Bristol PCT	E16000139	6,391	6,105	6,051	6,075
5QP	Cornwall & Isles of Scilly PCT	E16000144	5,722	5,455	5,429	5,444
5QQ	Devon PCT	E16000145	7,619	7,278	7,232	7,251
5QM	Dorset PCT ⁽²⁾	E16000142	3,536	3,399	3,388	3,390
5QH	Gloucestershire PCT	E16000138	6,561	6,371	6,349	6,362
5M8	North Somerset PCT	E16000069	2,414	2,338	2,332	2,337
5F1	Plymouth Teaching PCT	E16000024	3,321	3,191	3,181	3,185
5QL	Somerset PCT	E16000141	5,767	5,437	5,425	5,466
5A3	South Gloucestershire PCT	E16000001	3,087	3,022	3,004	3,005
5K3	Swindon PCT	E16000044	3,166	3,035	2,976	2,993
TAL	Torbay Care Trust	E17000003	1,473	1,435	1,432	1,433
5QK	Wiltshire PCT	E16000140	5,488	5,337	5,322	5,330

⁽¹⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

⁽²⁾ Bournemouth & Poole Teaching PCT and Dorset PCT reported issues associated with IT systems which affected data quality in 2011-12.

Source: COVER

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Table 11: Percentage of children immunised by their 2nd birthday, by Strategic Health Authority, 2011-12

percentages and thousands

Percentage immunised by their 2nd birthday

SHA Code	ONS Code	Number of children aged 2 (thousands) (=100%)	Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib)	MenC	MMR	Hib/MenC	Pneumococcal Conjugate Vaccine (PCV)	
			<i>primary</i> %	<i>primary</i> %	<i>1st dose</i> %	<i>booster</i> %	<i>booster</i> %	
England		679.6	96.1	94.9	91.2	92.3	91.5	
Q30	North East	E18000001	30.2	97.5	96.8	93.0	95.3	94.2
Q31	North West	E18000002	87.5	97.1	95.4	93.4	94.3	93.7
Q32	Yorkshire and the Humber	E18000003	66.6	97.1	96.4	93.1	94.6	94.0
Q33	East Midlands	E18000004	53.9	97.4	97.0	92.9	94.8	93.7
Q34	West Midlands	E18000005	70.4	96.8	96.3	92.0	92.5	92.6
Q35	East of England	E18000006	73.6	96.5	96.6	91.8	94.4	92.7
Q36	London	E18000007	129.1	93.3	90.2	86.1	86.8	85.3
Q37	South East Coast	E18000008	53.5	95.3	93.9	90.6	91.7	90.3
Q38	South Central	E18000009	54.6	96.8	95.6	93.5	93.4	93.2
Q39	South West	E18000010	60.2	97.0	96.2	91.7	92.2	92.3

Source: COVER

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Table 11a: Percentage of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		ONS Code	Number of children aged 2 (thousands) (=100%)	Percentage immunised by their 2nd birthday				
				Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib) <i>primary %</i>	MenC <i>primary %</i>	MMR <i>1st dose %</i>	Hib/MenC <i>booster %</i>	Pneumococcal Conjugate Vaccine (PCV) <i>booster %</i>
England			679.6	96.1	94.9	91.2	92.3	91.5
Q30	North East	E18000001	30.2	97.5	96.8	93.0	95.3	94.2
5ND	County Durham PCT	E16000085	5.7	98.3	98.3	94.3	96.4	96.7
5J9	Darlington PCT	E16000041	1.3	98.6	99.1	94.6	96.9	95.8
5KF	Gateshead PCT	E16000050	2.3	97.9	96.6	93.5	94.2	94.7
5D9	Hartlepool PCT	E16000019	1.2	94.4	92.6	84.8	89.8	87.6
5KM	Middlesbrough PCT	E16000053	2.1	93.8	89.5	88.2	91.0	89.7
5D7	Newcastle PCT	E16000017	3.4	96.7	97.1	92.8	95.3	93.5
5D8	North Tyneside PCT	E16000018	2.4	98.5	98.0	96.5	97.3	96.0
TAC	Northumberland Care Trust	E17000001	3.2	98.1	98.6	93.4	95.7	94.2
5QR	Redcar & Cleveland PCT	E16000146	1.5	97.6	94.9	92.9	95.3	93.5
5KG	South Tyneside PCT	E16000051	1.7	98.8	97.5	95.6	97.0	97.0
5KL	Sunderland Teaching PCT	E16000052	3.1	98.2	98.6	93.6	95.9	94.0
5E1	Stockton-on-Tees Teaching PCT	E16000020	2.5	97.1	94.5	90.8	94.6	91.6
Q31	North West	E18000002	87.5	97.1	95.4	93.4	94.3	93.7
5HG	Ashton, Leigh & Wigan PCT	E16000032	3.9	97.9	97.4	94.1	94.0	95.3
TAP	Blackburn with Darwen Teaching Care Trust Plus	E17000006	2.4	95.4	95.0	91.8	93.5	92.7
5HP	Blackpool PCT	E16000033	1.7	97.7	94.5	92.2	93.3	92.7
5HQ	Bolton PCT	E16000148	4.1	97.6	95.9	95.1	94.4	95.5
5JX	Bury PCT	E16000043	2.4	96.2	94.3	90.5	91.4	90.8
5NP	Central & Eastern Cheshire PCT	E16000095	5.3	97.3	95.5	94.0	95.7	94.6
5NG	Central Lancashire PCT	E16000088	5.4	97.1	96.1	93.8	95.0	93.2
5NE	Cumbria Teaching PCT	E16000086	5.2	98.1	96.2	95.1	95.5	93.5
5NH	East Lancashire Teaching PCT	E16000089	4.9	96.8	96.0	92.2	95.7	94.3
5NM	Halton & St Helens PCT	E16000093	3.8	95.5	92.9	91.7	96.3	93.1
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	3.0	98.0	96.8	94.2	95.3	95.2
5J4	Knowsley PCT	E16000038	1.8	95.5	93.9	93.0	96.6	93.4
5NL	Liverpool PCT	E16000092	5.3	97.5	95.5	95.1	94.3	95.5
5NT	Manchester PCT	E16000149	7.3	95.6	92.6	89.1	89.0	89.3
5NF	North Lancashire Teaching PCT	E16000087	3.2	96.6	94.4	91.7	93.2	92.9
5J5	Oldham PCT	E16000039	3.3	97.9	96.2	95.1	95.0	94.8
5F5	Salford PCT	E16000025	3.3	98.3	93.1	97.2	97.2	95.7
5NJ	Sefton PCT	E16000090	2.8	97.2	96.0	93.1	94.3	93.9
5F7	Stockport PCT	E16000026	3.5	97.3	96.7	93.2	93.0	93.0
5LH	Tameside & Glossop PCT	E16000062	3.1	97.4	96.2	95.2	94.2	95.1
5NR	Trafford PCT	E16000097	3.1	97.2	95.7	93.5	95.0	93.5
5J2	Warrington PCT	E16000037	2.6	97.5	97.6	93.7	95.0	95.0
5NN	Western Cheshire PCT	E16000094	2.6	96.9	94.3	94.5	96.2	94.7
5NK	Wirral PCT	E16000091	3.8	97.6	96.9	93.4	94.2	92.8
Q32	Yorkshire & the Humber	E18000003	66.6	97.1	96.4	93.1	94.6	94.0
5JE	Barnsley PCT	E16000042	3.0	97.9	98.3	94.2	96.4	95.0
5NY	Bradford & Airedale Teaching PCT	E16000102	8.6	96.3	91.9	91.9	93.3	92.8
5J6	Calderdale PCT	E16000040	2.7	96.7	97.4	92.2	94.9	93.3
5N5	Doncaster PCT	E16000078	3.8	97.6	98.2	91.4	95.0	93.0
5NW	East Riding of Yorkshire PCT	E16000100	3.1	98.2	98.3	94.2	95.3	94.8
5NX	Hull Teaching PCT	E16000101	3.7	98.1	97.4	93.6	94.0	93.3
5N2	Kirklees PCT	E16000075	5.7	98.2	98.0	94.3	95.6	96.3
5N1	Leeds PCT	E16000074	10.1	97.6	97.6	94.2	95.3	94.4
TAN	North East Lincolnshire Care Trust Plus	E17000005	2.0	97.4	97.9	93.9	96.1	94.8
5EF	North Lincolnshire PCT	E16000021	1.9	96.6	97.4	90.9	94.3	92.3

Table 11a: Percentage of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		ONS Code	Number of children aged 2 (thousands) (=100%)	Percentage immunised by their 2nd birthday				
				Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib) <i>primary %</i>	MenC <i>primary %</i>	MMR <i>1st dose %</i>	Hib/MenC <i>booster %</i>	Pneumococcal Conjugate Vaccine (PCV) <i>booster %</i>
England			679.6	96.1	94.9	91.2	92.3	91.5
5NV	North Yorkshire & York PCT	E16000099	8.1	95.2	94.2	92.9	92.7	94.1
5H8	Rotherham PCT	E16000031	3.1	96.7	96.9	92.9	95.3	93.8
5N4	Sheffield PCT	E16000077	6.6	96.6	96.0	92.4	93.9	92.8
5N3	Wakefield District PCT	E16000076	4.2	97.7	98.5	94.2	96.5	95.2
Q33	East Midlands	E18000004	53.9	97.4	97.0	92.9	94.8	93.7
5ET	Bassetlaw PCT	E16000023	1.2	96.1	97.2	90.1	93.7	89.8
5N7	Derby City PCT	E16000080	3.9	98.6	98.5	93.4	95.2	93.8
5N6	Derbyshire County PCT	E16000079	7.6	98.4	98.4	94.5	96.3	94.9
5PC	Leicester City PCT	E16000113	5.1	97.2	96.4	93.0	95.2	93.8
5PA	Leicestershire County & Rutland PCT	E16000112	7.3	98.5	98.4	94.6	97.3	95.7
5N9	Lincolnshire Teaching PCT	E16000082	8.0	95.7	94.1	91.8	93.7	92.7
5PD	Northamptonshire Teaching PCT	E16000114	9.0	97.8	97.1	93.9	95.4	94.8
5EM	Nottingham City PCT	E16000022	4.3	95.3	94.9	88.8	90.2	89.6
5N8	Nottinghamshire County Teaching PCT	E16000081	7.6	97.4	97.8	92.0	93.8	92.9
Q34	West Midlands	E18000005	70.4	96.8	96.3	92.0	92.5	92.6
5PG	Birmingham East & North PCT	E16000117	6.5	95.0	94.7	86.8	86.5	87.6
5MD	Coventry Teaching PCT	E16000070	4.5	98.2	97.5	94.6	93.3	95.0
5PE	Dudley PCT	E16000115	3.7	98.0	97.8	94.4	93.3	95.2
5MX	Heart of Birmingham Teaching PCT	E16000073	5.4	93.6	93.7	91.5	86.8	90.4
5CN	Herefordshire PCT	E16000015	1.8	94.8	94.7	87.7	88.3	88.7
5PH	North Staffordshire PCT	E16000118	2.1	98.6	97.5	95.7	97.9	96.6
5PF	Sandwell PCT	E16000116	4.7	96.3	97.0	89.7	93.4	91.0
5M2	Shropshire County PCT	E16000065	2.9	98.0	97.1	95.4	96.4	95.9
5QW	Solihull PCT ⁽¹⁾	E16000151	2.5	97.4	98.2	91.0	95.2	93.2
5M1	South Birmingham PCT	E16000064	4.9	95.0	94.9	87.6	87.2	88.6
5PK	South Staffordshire PCT	E16000120	6.8	97.3	97.2	91.0	93.2	92.8
5PJ	Stoke-on-Trent PCT	E16000119	3.7	97.4	95.6	94.6	96.7	95.3
5MK	Telford & Wrekin PCT	E16000071	2.3	98.5	96.7	96.5	96.1	96.6
5M3	Walsall Teaching PCT	E16000066	3.4	98.6	98.3	95.6	96.3	96.5
5PM	Warwickshire PCT	E16000122	5.6	98.2	98.0	95.6	95.1	96.1
5MV	Wolverhampton City PCT	E16000072	3.5	95.5	93.4	89.5	91.2	89.7
5PL	Worcestershire PCT	E16000121	6.2	97.2	96.1	93.1	94.2	92.2
Q35	East of England	E18000006	73.6	96.5	96.6	91.8	94.4	92.7
5P2	Bedfordshire PCT	E16000104	5.6	97.6	97.7	93.8	95.9	94.6
5PP	Cambridgeshire PCT	E16000124	7.4	96.3	96.0	90.3	93.0	92.5
5PR	Great Yarmouth & Waveney Teaching PCT	E16000126	2.4	96.9	97.5	92.3	95.2	93.4
5QV	Hertfordshire PCT	E16000150	15.5	95.9	96.6	93.7	95.5	94.0
5GC	Luton PCT	E16000029	3.4	95.9	95.5	87.9	91.2	88.7
5PX	Mid Essex PCT	E16000130	4.4	97.4	97.8	91.7	95.4	92.9
5PQ	Norfolk PCT	E16000125	8.0	96.4	95.7	90.4	94.2	91.9
5PW	North East Essex PCT	E16000129	3.7	96.2	96.4	92.3	93.6	92.4
5PN	Peterborough PCT	E16000123	3.0	96.3	95.1	91.1	92.2	90.5
5P1	South East Essex PCT	E16000103	4.0	96.7	97.1	90.7	95.0	92.2
5PY	South West Essex PCT	E16000131	5.6	96.5	96.7	90.1	94.2	91.4
5PT	Suffolk PCT	E16000127	6.8	96.8	96.9	93.3	94.4	93.8
5PV	West Essex PCT	E16000128	3.7	96.9	96.7	90.8	94.7	92.1

Table 11a: Percentage of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		ONS Code	Number of children aged 2 (thousands) (=100%)	Percentage immunised by their 2nd birthday				
				Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib) <i>primary %</i>	MenC <i>primary %</i>	MMR <i>1st dose %</i>	Hib/MenC <i>booster %</i>	Pneumococcal Conjugate Vaccine (PCV) <i>booster %</i>
England			679.6	96.1	94.9	91.2	92.3	91.5
Q36	London	E18000007	129.1	93.3	90.2	86.1	86.8	85.3
5C2	Barking & Dagenham PCT	E16000009	3.9	91.5	86.6	85.7	86.4	82.9
5A9	Barnet PCT	E16000006	5.5	96.9	92.7	92.7	93.0	92.0
TAK	Bexley Care Trust	E17000002	3.2	95.7	95.6	85.4	89.2	86.0
5K5	Brent Teaching PCT	E16000045	4.9	95.4	89.2	91.6	92.2	89.8
5A7	Bromley PCT	E16000004	4.4	96.4	94.3	91.5	91.9	91.7
5K7	Camden PCT	E16000047	2.9	94.0	91.0	85.0	86.5	84.9
5C3	City & Hackney Teaching PCT	E16000010	4.4	89.9	81.4	81.0	80.8	82.1
5K9	Croydon PCT	E16000049	5.4	93.4	91.7	83.5	85.1	82.4
5HX	Ealing PCT	E16000035	6.0	96.8	90.6	89.1	89.7	89.0
5C1	Enfield PCT ⁽²⁾	E16000008	4.6	87.9	86.8	80.0	77.2	76.5
5A8	Greenwich Teaching PCT	E16000005	4.4	93.2	91.7	83.3	84.6	81.7
5H1	Hammersmith & Fulham PCT	E16000030	2.8	92.8	89.8	82.6	84.8	81.4
5C9	Haringey Teaching PCT	E16000013	4.1	91.6	88.6	88.1	89.9	85.2
5K6	Harrow PCT	E16000046	3.3	95.5	90.1	91.6	92.9	89.9
5A4	Havering PCT	E16000002	3.1	94.4	91.6	89.9	93.2	90.8
5AT	Hillingdon PCT	E16000007	4.2	96.5	93.8	91.3	92.4	91.2
5HY	Hounslow PCT	E16000036	4.5	94.7	89.7	86.1	87.6	85.5
5K8	Islington PCT	E16000048	2.6	96.4	93.5	90.7	90.2	88.4
5LA	Kensington & Chelsea PCT	E16000056	2.3	89.3	82.7	82.9	80.5	80.5
5A5	Kingston PCT	E16000003	2.6	96.1	93.4	89.3	87.8	87.2
5LD	Lambeth PCT	E16000058	4.7	92.9	92.5	83.4	83.7	82.2
5LF	Lewisham PCT	E16000060	4.6	92.8	91.5	85.7	84.4	83.0
5C5	Newham PCT	E16000012	6.4	90.8	86.9	79.2	81.7	81.2
5NA	Redbridge PCT	E16000083	4.4	93.4	89.5	86.5	87.0	84.8
5M6	Richmond & Twickenham PCT	E16000067	3.0	94.6	92.8	86.5	85.3	83.6
5LE	Southwark PCT	E16000059	4.6	90.2	89.1	82.3	82.6	81.1
5M7	Sutton & Merton PCT	E16000068	6.0	90.0	88.6	78.7	75.7	74.7
5C4	Tower Hamlets PCT	E16000011	4.1	97.3	94.2	93.9	94.7	93.5
5NC	Waltham Forest PCT	E16000084	4.6	94.7	93.1	88.4	90.0	87.1
5LG	Wandsworth PCT	E16000061	5.1	92.5	90.2	86.0	91.5	95.3
5LC	Westminster PCT	E16000057	2.6	85.7	80.0	82.1	81.8	78.8
Q37	South East Coast	E18000008	53.5	95.3	93.9	90.6	91.7	90.3
5LQ	Brighton & Hove City PCT	E16000063	3.2	93.8	91.7	89.4	90.4	89.9
5P7	East Sussex Downs & Weald PCT	E16000109	3.5	96.1	94.5	90.6	92.5	90.7
5QA	Eastern & Coastal Kent PCT	E16000132	8.7	97.1	96.0	93.1	93.5	93.8
5P8	Hastings & Rother PCT	E16000110	1.8	95.5	94.5	92.3	93.6	92.9
5L3	Medway PCT	E16000055	3.5	97.9	96.4	94.7	94.9	93.2
5P5	Surrey PCT	E16000107	14.9	91.2	89.6	84.0	85.3	83.5
5P9	West Kent PCT	E16000111	8.4	98.3	97.4	95.6	96.2	95.6
5P6	West Sussex PCT	E16000108	9.4	96.6	95.1	92.9	94.6	91.8
Q38	South Central	E18000009	54.6	96.8	95.6	93.5	93.4	93.2
5QG	Berkshire East PCT	E16000137	6.3	95.4	94.0	92.0	91.4	91.4
5QF	Berkshire West PCT	E16000136	6.7	96.3	93.6	93.4	91.8	92.2
5QD	Buckinghamshire PCT	E16000134	6.3	98.6	98.1	95.6	96.2	96.6
5QC	Hampshire PCT	E16000133	15.5	97.0	96.1	93.5	93.1	93.1
5QT	Isle of Wight NHS PCT	E16000147	1.3	95.0	92.4	89.8	90.5	88.7
5CQ	Milton Keynes PCT	E16000016	4.2	96.8	95.0	92.9	93.2	92.2

Table 11a: Percentage of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		ONS Code	Number of children aged 2 (thousands) (=100%)	Percentage immunised by their 2nd birthday				
				Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib) <i>primary %</i>	MenC <i>primary %</i>	MMR <i>1st dose %</i>	Hib/MenC <i>booster %</i>	Pneumococcal Conjugate Vaccine (PCV) <i>booster %</i>
England			679.6	96.1	94.9	91.2	92.3	91.5
5QE	Oxfordshire PCT	E16000135	8.2	97.4	97.2	94.2	95.3	94.6
5FE	Portsmouth City Teaching PCT	E16000027	2.8	96.1	95.5	92.3	93.3	91.3
5L1	Southampton City PCT	E16000054	3.4	96.6	94.5	94.4	92.6	93.3
Q39	South West	E18000010	60.2	97.0	96.2	91.7	92.2	92.3
5FL	Bath & North East Somerset PCT	E16000028	1.9	98.0	96.7	92.3	92.6	93.5
5QN	Bournemouth & Poole Teaching PCT ⁽³⁾	E16000143	4.1	94.3	92.8	83.4	83.8	83.8
5QJ	Bristol PCT	E16000139	6.1	96.6	95.2	88.8	90.6	89.8
5QP	Cornwall & Isles of Scilly PCT	E16000144	5.7	96.9	94.9	91.3	92.5	91.0
5QQ	Devon PCT	E16000145	7.7	96.5	96.2	91.3	91.9	92.0
5QM	Dorset PCT ⁽³⁾	E16000142	3.8	96.8	96.5	92.4	93.2	94.0
5QH	Gloucestershire PCT	E16000138	6.4	97.2	97.5	95.7	94.7	95.8
5M8	North Somerset PCT	E16000069	2.5	98.1	98.0	92.2	94.3	93.7
5F1	Plymouth Teaching PCT	E16000024	3.3	97.4	97.0	91.9	91.9	92.5
5QL	Somerset PCT	E16000141	5.9	96.2	96.1	91.0	91.0	92.3
5A3	South Gloucestershire PCT	E16000001	3.2	98.7	97.6	95.1	95.7	95.9
5K3	Swindon PCT	E16000044	3.0	97.0	94.7	91.9	91.4	90.2
TAL	Torbay Care Trust	E17000003	1.5	98.1	97.4	92.4	93.7	93.5
5QK	Wiltshire PCT	E16000140	5.3	98.5	97.9	94.9	95.4	95.1

⁽¹⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.⁽²⁾ Enfield PCT reported data issues that may have led to some underreporting of the number of children vaccinated for Hib/MenC.⁽³⁾ Bournemouth & Poole Teaching PCT and Dorset PCT reported issues associated with IT systems which have affected data quality in 2011-12.

Source: COVER

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Table 11b: Number of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

		numbers						
		Number immunised by their 2nd birthday						
SHA & PCO Codes	ONS Code	Number of children aged 2	Diphtheria	Tetanus	Polio	Pneumococcal		
			Pertussis	Hib	MenC	MMR	Hib/MenC	Conjugate Vaccine (PCV)
			(DTaP/IPV/Hib)					
			<i>primary</i>	<i>primary</i>	<i>1st dose</i>	<i>booster</i>	<i>booster</i>	<i>booster</i>
England		679,592	653,376	644,771	620,116	627,569	621,752	
Q30	North East	E18000001	30,218	29,470	29,243	28,107	28,793	28,459
5ND	County Durham PCT	E16000085	5,739	5,640	5,642	5,410	5,530	5,552
5J9	Darlington PCT	E16000041	1,306	1,288	1,294	1,235	1,265	1,251
5KF	Gateshead PCT	E16000050	2,256	2,208	2,180	2,109	2,126	2,137
5D9	Hartlepool PCT	E16000019	1,171	1,105	1,084	993	1,052	1,026
5KM	Middlesbrough PCT	E16000053	2,062	1,935	1,845	1,818	1,876	1,850
5D7	Newcastle PCT	E16000017	3,350	3,241	3,252	3,110	3,192	3,131
5D8	North Tyneside PCT	E16000018	2,426	2,389	2,377	2,340	2,360	2,329
TAC	Northumberland Care Trust	E17000001	3,187	3,127	3,141	2,976	3,049	3,001
5QR	Redcar & Cleveland PCT	E16000146	1,481	1,445	1,406	1,376	1,412	1,385
5KG	South Tyneside PCT	E16000051	1,689	1,669	1,647	1,614	1,639	1,639
5KL	Sunderland Teaching PCT	E16000052	3,095	3,039	3,053	2,896	2,968	2,909
5E1	Stockton-on-Tees Teaching PCT	E16000020	2,456	2,384	2,322	2,230	2,324	2,249
Q31	North West	E18000002	87,540	84,999	83,489	81,747	82,562	81,993
5HG	Ashton, Leigh & Wigan PCT	E16000032	3,910	3,827	3,807	3,681	3,675	3,725
TAP	Blackburn with Darwen Teaching Care Trust Plus	E17000006	2,368	2,260	2,250	2,175	2,215	2,195
5HP	Blackpool PCT	E16000033	1,678	1,639	1,586	1,547	1,566	1,556
5HQ	Bolton PCT	E16000148	4,050	3,951	3,882	3,852	3,823	3,867
5JX	Bury PCT	E16000043	2,425	2,334	2,287	2,194	2,216	2,203
5NP	Central & Eastern Cheshire PCT	E16000095	5,298	5,156	5,061	4,981	5,068	5,012
5NG	Central Lancashire PCT	E16000088	5,377	5,219	5,168	5,042	5,108	5,009
5NE	Cumbria Teaching PCT	E16000086	5,162	5,064	4,965	4,911	4,930	4,824
5NH	East Lancashire Teaching PCT	E16000089	4,868	4,713	4,673	4,489	4,658	4,591
5NM	Halton & St Helens PCT	E16000093	3,787	3,618	3,519	3,474	3,648	3,527
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	2,961	2,902	2,866	2,789	2,822	2,820
5J4	Knowsley PCT	E16000038	1,834	1,751	1,722	1,705	1,772	1,713
5NL	Liverpool PCT	E16000092	5,341	5,210	5,101	5,077	5,038	5,102
5NT	Manchester PCT	E16000149	7,295	6,975	6,753	6,498	6,494	6,515
5NF	North Lancashire Teaching PCT	E16000087	3,248	3,139	3,067	2,978	3,027	3,016
5J5	Oldham PCT	E16000039	3,277	3,209	3,151	3,116	3,113	3,105
5F5	Salford PCT	E16000025	3,289	3,233	3,061	3,198	3,198	3,147
5NJ	Sefton PCT	E16000090	2,847	2,767	2,734	2,651	2,684	2,673
5F7	Stockport PCT	E16000026	3,482	3,389	3,367	3,245	3,238	3,239
5LH	Tameside & Glossop PCT	E16000062	3,112	3,031	2,994	2,962	2,933	2,958
5NR	Trafford PCT	E16000097	3,055	2,970	2,923	2,857	2,903	2,855
5J2	Warrington PCT	E16000037	2,551	2,487	2,491	2,391	2,423	2,423
5NN	Western Cheshire PCT	E16000094	2,563	2,483	2,416	2,421	2,466	2,428
5NK	Wirral PCT	E16000091	3,762	3,672	3,645	3,513	3,544	3,490
Q32	Yorkshire & the Humber	E18000003	66,607	64,643	64,242	62,038	63,042	62,620
5JE	Barnsley PCT	E16000042	3,002	2,939	2,950	2,828	2,893	2,851
5NY	Bradford & Airedale Teaching PCT	E16000102	8,551	8,234	7,861	7,860	7,982	7,935
5J6	Calderdale PCT	E16000040	2,665	2,576	2,596	2,457	2,530	2,487
5N5	Doncaster PCT	E16000078	3,756	3,664	3,690	3,433	3,570	3,493
5NW	East Riding of Yorkshire PCT	E16000100	3,108	3,053	3,055	2,929	2,962	2,947
5NX	Hull Teaching PCT	E16000101	3,710	3,641	3,614	3,474	3,486	3,463
5N2	Kirklees PCT	E16000075	5,738	5,632	5,622	5,411	5,483	5,525
5N1	Leeds PCT	E16000074	10,070	9,827	9,829	9,481	9,600	9,510
TAN	North East Lincolnshire Care Trust Plus	E17000005	2,038	1,984	1,995	1,914	1,959	1,932
5EF	North Lincolnshire PCT	E16000021	1,939	1,874	1,889	1,762	1,829	1,790

Table 11b: Number of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

		numbers						
		Number immunised by their 2nd birthday						
SHA & PCO Codes	ONS Code	Number of children aged 2	Diphtheria	Tetanus	Polio	Pneumococcal		
			Pertussis	Hib	MenC	MMR	Hib/MenC	Conjugate Vaccine (PCV)
			(DTaP/IPV/Hib)					
			<i>primary</i>	<i>primary</i>	<i>1st dose</i>	<i>booster</i>	<i>booster</i>	<i>booster</i>
England		679,592	653,376	644,771	620,116	627,569	621,752	
5NV	North Yorkshire & York PCT	E16000099	8,104	7,719	7,635	7,528	7,516	7,629
5H8	Rotherham PCT	E16000031	3,106	3,004	3,011	2,886	2,960	2,912
5N4	Sheffield PCT	E16000077	6,585	6,360	6,322	6,086	6,186	6,113
5N3	Wakefield District PCT	E16000076	4,235	4,136	4,173	3,989	4,086	4,033
Q33	East Midlands	E18000004	53,859	52,444	52,221	50,028	51,071	50,454
5ET	Bassetlaw PCT	E16000023	1,151	1,106	1,119	1,037	1,078	1,034
5N7	Derby City PCT	E16000080	3,913	3,860	3,854	3,656	3,725	3,670
5N6	Derbyshire County PCT	E16000079	7,575	7,453	7,451	7,160	7,293	7,191
5PC	Leicester City PCT	E16000113	5,059	4,918	4,875	4,703	4,816	4,743
5PA	Leicestershire County & Rutland PCT	E16000112	7,287	7,180	7,168	6,893	7,093	6,972
5N9	Lincolnshire Teaching PCT	E16000082	8,004	7,660	7,531	7,344	7,499	7,422
5PD	Northamptonshire Teaching PCT	E16000114	9,044	8,842	8,783	8,493	8,625	8,575
5EM	Nottingham City PCT	E16000022	4,268	4,066	4,052	3,791	3,850	3,823
5N8	Nottinghamshire County Teaching PCT	E16000081	7,558	7,359	7,388	6,951	7,092	7,024
Q34	West Midlands	E18000005	70,389	68,105	67,772	64,784	65,087	65,191
5PG	Birmingham East & North PCT	E16000117	6,492	6,166	6,150	5,634	5,615	5,689
5MD	Coventry Teaching PCT	E16000070	4,485	4,403	4,373	4,244	4,183	4,260
5PE	Dudley PCT	E16000115	3,683	3,609	3,601	3,478	3,436	3,508
5MX	Heart of Birmingham Teaching PCT	E16000073	5,403	5,058	5,060	4,945	4,689	4,884
5CN	Herefordshire PCT	E16000015	1,824	1,730	1,728	1,600	1,611	1,617
5PH	North Staffordshire PCT	E16000118	2,123	2,093	2,070	2,032	2,078	2,051
5PF	Sandwell PCT	E16000116	4,720	4,545	4,578	4,235	4,407	4,293
5M2	Shropshire County PCT	E16000065	2,882	2,825	2,797	2,748	2,777	2,763
5QW	Solihull PCT ⁽¹⁾	E16000151	2,486	2,421	2,441	2,263	2,366	2,318
5M1	South Birmingham PCT	E16000064	4,936	4,689	4,684	4,322	4,306	4,373
5PK	South Staffordshire PCT	E16000120	6,809	6,626	6,618	6,194	6,348	6,316
5PJ	Stoke-on-Trent PCT	E16000119	3,650	3,556	3,491	3,454	3,531	3,477
5MK	Telford & Wrekin PCT	E16000071	2,280	2,246	2,205	2,200	2,192	2,203
5M3	Walsall Teaching PCT	E16000066	3,375	3,329	3,318	3,228	3,249	3,257
5PM	Warwickshire PCT	E16000122	5,567	5,466	5,455	5,323	5,292	5,351
5MV	Wolverhampton City PCT	E16000072	3,495	3,339	3,265	3,129	3,187	3,135
5PL	Worcestershire PCT	E16000121	6,179	6,004	5,938	5,755	5,820	5,696
Q35	East of England	E18000006	73,565	70,986	71,051	67,522	69,454	68,188
5P2	Bedfordshire PCT	E16000104	5,588	5,454	5,462	5,242	5,359	5,285
5PP	Cambridgeshire PCT	E16000124	7,433	7,159	7,138	6,715	6,910	6,874
5PR	Great Yarmouth & Waveney Teaching PCT	E16000126	2,410	2,336	2,350	2,225	2,295	2,252
5QV	Hertfordshire PCT	E16000150	15,476	14,834	14,954	14,506	14,780	14,541
5GC	Luton PCT	E16000029	3,422	3,282	3,267	3,007	3,120	3,034
5PX	Mid Essex PCT	E16000130	4,439	4,325	4,340	4,071	4,237	4,125
5PQ	Norfolk PCT	E16000125	7,980	7,694	7,634	7,214	7,514	7,332
5PW	North East Essex PCT	E16000129	3,736	3,593	3,601	3,449	3,497	3,453
5PN	Peterborough PCT	E16000123	2,959	2,849	2,814	2,696	2,728	2,677
5P1	South East Essex PCT	E16000103	4,048	3,913	3,929	3,672	3,844	3,734
5PY	South West Essex PCT	E16000131	5,584	5,388	5,402	5,030	5,258	5,102
5PT	Suffolk PCT	E16000127	6,759	6,544	6,551	6,308	6,379	6,342
5PV	West Essex PCT	E16000128	3,731	3,615	3,609	3,387	3,533	3,437

Table 11b: Number of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

		numbers						
		Number immunised by their 2nd birthday						
SHA & PCO Codes	ONS Code	Number of children aged 2	Diphtheria	Tetanus	Polio	Pneumococcal		
			Pertussis		Hib	Conjugate		
		(DTaP/IPV/Hib)	MenC	MMR	Hib/MenC	Vaccine (PCV)		
		<i>primary</i>	<i>primary</i>	<i>1st dose</i>	<i>booster</i>	<i>booster</i>		
England		679,592	653,376	644,771	620,116	627,569	621,752	
Q36 London	E18000007	129,139	120,526	116,421	111,169	112,061	110,124	
5C2	Barking & Dagenham PCT	E16000009	3,905	3,574	3,381	3,346	3,374	3,236
5A9	Barnet PCT	E16000006	5,493	5,320	5,091	5,094	5,111	5,051
TAK	Bexley Care Trust	E17000002	3,187	3,050	3,046	2,722	2,844	2,742
5K5	Brent Teaching PCT	E16000045	4,934	4,708	4,403	4,522	4,547	4,433
5A7	Bromley PCT	E16000004	4,362	4,205	4,115	3,991	4,007	3,998
5K7	Camden PCT	E16000047	2,883	2,711	2,623	2,451	2,495	2,447
5C3	City & Hackney Teaching PCT	E16000010	4,436	3,988	3,611	3,595	3,586	3,643
5K9	Croydon PCT	E16000049	5,412	5,056	4,964	4,518	4,607	4,459
5HX	Ealing PCT	E16000035	6,021	5,830	5,458	5,367	5,401	5,361
5C1	Enfield PCT ⁽²⁾	E16000008	4,575	4,022	3,970	3,658	3,530	3,500
5A8	Greenwich Teaching PCT	E16000005	4,448	4,146	4,080	3,703	3,765	3,634
5H1	Hammersmith & Fulham PCT	E16000030	2,791	2,589	2,505	2,304	2,366	2,271
5C9	Haringey Teaching PCT	E16000013	4,090	3,745	3,625	3,603	3,676	3,486
5K6	Harrow PCT	E16000046	3,273	3,125	2,950	2,999	3,041	2,941
5A4	Havering PCT	E16000002	3,057	2,887	2,800	2,748	2,850	2,775
5AT	Hillingdon PCT	E16000007	4,194	4,046	3,933	3,829	3,875	3,825
5HY	Hounslow PCT	E16000036	4,462	4,224	4,004	3,844	3,908	3,814
5K8	Islington PCT	E16000048	2,621	2,526	2,451	2,376	2,364	2,316
5LA	Kensington & Chelsea PCT	E16000056	2,318	2,069	1,918	1,922	1,867	1,866
5A5	Kingston PCT	E16000003	2,610	2,509	2,438	2,331	2,291	2,276
5LD	Lambeth PCT	E16000058	4,689	4,357	4,337	3,909	3,925	3,853
5LF	Lewisham PCT	E16000060	4,646	4,311	4,253	3,980	3,920	3,856
5C5	Newham PCT	E16000012	6,379	5,790	5,546	5,052	5,209	5,179
5NA	Redbridge PCT	E16000083	4,423	4,130	3,960	3,826	3,848	3,750
5M6	Richmond & Twickenham PCT	E16000067	2,998	2,835	2,781	2,593	2,556	2,506
5LE	Southwark PCT	E16000059	4,571	4,122	4,073	3,761	3,774	3,708
5M7	Sutton & Merton PCT	E16000068	6,009	5,407	5,324	4,729	4,551	4,490
5C4	Tower Hamlets PCT	E16000011	4,063	3,952	3,827	3,815	3,849	3,800
5NC	Waltham Forest PCT	E16000084	4,573	4,332	4,259	4,044	4,115	3,984
5LG	Wandsworth PCT	E16000061	5,110	4,726	4,610	4,397	4,677	4,870
5LC	Westminster PCT	E16000057	2,606	2,234	2,085	2,140	2,132	2,054
Q37 South East Coast	E18000008	53,500	50,968	50,221	48,475	49,033	48,329	
5LQ	Brighton & Hove City PCT	E16000063	3,232	3,030	2,963	2,889	2,921	2,906
5P7	East Sussex Downs & Weald PCT	E16000109	3,512	3,374	3,318	3,182	3,247	3,187
5QA	Eastern & Coastal Kent PCT	E16000132	8,652	8,403	8,304	8,056	8,088	8,112
5P8	Hastings & Rother PCT	E16000110	1,823	1,741	1,723	1,682	1,706	1,693
5L3	Medway PCT	E16000055	3,476	3,402	3,352	3,291	3,297	3,239
5P5	Surrey PCT	E16000107	14,939	13,620	13,378	12,548	12,736	12,474
5P9	West Kent PCT	E16000111	8,428	8,283	8,205	8,060	8,111	8,056
5P6	West Sussex PCT	E16000108	9,438	9,115	8,978	8,767	8,927	8,662
Q38 South Central	E18000009	54,560	52,829	52,177	51,032	50,939	50,838	
5QG	Berkshire East PCT	E16000137	6,328	6,038	5,947	5,821	5,785	5,784
5QF	Berkshire West PCT	E16000136	6,654	6,406	6,228	6,218	6,106	6,134
5QD	Buckinghamshire PCT	E16000134	6,268	6,178	6,147	5,993	6,032	6,056
5QC	Hampshire PCT	E16000133	15,503	15,036	14,893	14,495	14,441	14,440
5QT	Isle of Wight NHS PCT	E16000147	1,335	1,268	1,234	1,199	1,208	1,184
5CQ	Milton Keynes PCT	E16000016	4,166	4,034	3,959	3,872	3,884	3,843

Table 11b: Number of children immunised by their 2nd birthday, by Primary Care Organisation, 2011-12

numbers

SHA & PCO Codes		ONS Code	Number of children aged 2	Number immunised by their 2nd birthday				
				Diphtheria Tetanus Polio Pertussis Hib (DTaP/IPV/Hib) <i>primary</i>	MenC <i>primary</i>	MMR <i>1st dose</i>	Hib/MenC <i>booster</i>	Pneumococcal Conjugate Vaccine (PCV) <i>booster</i>
England			679,592	653,376	644,771	620,116	627,569	621,752
5QE	Oxfordshire PCT	E16000135	8,151	7,939	7,923	7,682	7,766	7,712
5FE	Portsmouth City Teaching PCT	E16000027	2,785	2,675	2,661	2,571	2,598	2,542
5L1	Southampton City PCT	E16000054	3,370	3,255	3,185	3,181	3,119	3,143
Q39	South West	E18000010	60,215	58,406	57,934	55,214	55,527	55,556
5FL	Bath & North East Somerset PCT	E16000028	1,930	1,891	1,867	1,782	1,787	1,804
5QN	Bournemouth & Poole Teaching PCT ⁽³⁾	E16000143	4,053	3,823	3,763	3,381	3,396	3,397
5QJ	Bristol PCT	E16000139	6,117	5,911	5,825	5,432	5,541	5,492
5QP	Cornwall & Isles of Scilly PCT	E16000144	5,717	5,541	5,426	5,217	5,287	5,202
5QQ	Devon PCT	E16000145	7,662	7,395	7,369	6,993	7,040	7,050
5QM	Dorset PCT ⁽³⁾	E16000142	3,784	3,664	3,652	3,497	3,526	3,557
5QH	Gloucestershire PCT	E16000138	6,377	6,196	6,218	6,101	6,040	6,111
5M8	North Somerset PCT	E16000069	2,460	2,414	2,411	2,268	2,319	2,305
5F1	Plymouth Teaching PCT	E16000024	3,275	3,190	3,176	3,011	3,009	3,031
5QL	Somerset PCT	E16000141	5,853	5,632	5,626	5,328	5,326	5,400
5A3	South Gloucestershire PCT	E16000001	3,181	3,140	3,106	3,024	3,044	3,052
5K3	Swindon PCT	E16000044	3,013	2,923	2,854	2,770	2,755	2,719
TAL	Torbay Care Trust	E17000003	1,502	1,474	1,463	1,388	1,408	1,404
5QK	Wiltshire PCT	E16000140	5,291	5,212	5,178	5,022	5,049	5,032

⁽¹⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

⁽²⁾ Enfield PCT reported data issues that may have led to some underreporting of the number of children vaccinated for Hib/MenC.

⁽³⁾ Bournemouth & Poole Teaching PCT and Dorset PCT reported issues associated with IT systems which have affected data quality in 2011-12.

Source: COVER

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Table 12: Percentage of children immunised by their 5th birthday, by Strategic Health Authority, 2011-12

percentages and thousands

		Percentage immunised by their 5th birthday							
SHA Code	ONS Code	Number of children aged 5 (thousands) (=100%)	Diphtheria Tetanus, Polio	Hib	Diphtheria Tetanus, Polio, Pertussis	MMR	MMR	Hib/MenC Experimental ⁽²⁾	
			<i>primary</i> ⁽¹⁾ %	<i>primary</i> ⁽¹⁾ %	<i>booster</i> %	<i>1st dose</i> %	<i>1st and 2nd dose</i> %	<i>booster</i> %	
England		646.0	95.4	94.9	87.4	92.9	86.0	88.9	
Q30	North East	E18000001	29.1	97.9	97.4	91.7	95.3	89.9	89.8
Q31	North West	E18000002	84.2	96.6	95.4	89.1	95.0	87.9	89.2
Q32	Yorkshire and the Humber	E18000003	63.6	96.5	95.9	90.2	94.8	89.1	92.3
Q33	East Midlands	E18000004	51.7	96.9	96.4	90.2	94.1	88.2	91.0
Q34	West Midlands	E18000005	66.5	96.6	96.0	89.9	94.3	87.5	92.1
Q35	East of England	E18000006	71.1	95.6	95.0	89.1	91.5	86.9	91.8
Q36	London	E18000007	117.7	92.0	91.5	78.8	89.7	80.2	81.5
Q37	South East Coast	E18000008	52.0	93.3	93.3	86.4	90.7	84.2	85.7
Q38	South Central	E18000009	52.6	95.4	95.4	89.8	93.2	88.0	90.7
Q39	South West	E18000010	57.6	96.7	96.7	87.8	93.8	84.8	91.3

⁽¹⁾ Children reaching their 5th birthday would have routinely been offered protection against diphtheria, tetanus, pertussis, polio and Hib (Haemophilus influenzae type b) with DTaP/IPV/Hib vaccine, also known as '5 in 1' vaccine.

⁽²⁾ Hib/MenC coverage does not include figures for Kensington and Chelsea PCT.

Source: COVER

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Table 12a: Percentage of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		Percentage immunised by their 5th birthday						
		Number of children aged 5 (thousands)	Diphtheria Tetanus, Polio primary ⁽¹⁾ %	Diphtheria Tetanus, Polio, Hib primary ⁽¹⁾ %	Diphtheria Tetanus, Polio, Hib booster %	MMR 1st dose %	MMR 1st and 2nd dose %	Hib/MenC Experimental booster %
ONS Code		(=100%)						
England		646.0	95.4	94.9	87.4	92.9	86.0	88.9
Q30 North East	E18000001	29.1	97.9	97.4	91.7	95.3	89.9	89.8
5ND County Durham PCT	E16000085	5.6	98.4	98.1	93.6	96.0	91.9	96.0
5J9 Darlington PCT	E16000041	1.2	98.2	97.9	90.7	95.1	88.9	93.0
5KF Gateshead PCT	E16000050	2.2	98.2	97.9	90.0	96.3	87.9	88.3
5D9 Hartlepool PCT	E16000019	1.1	97.3	97.4	89.6	94.4	86.8	88.4
5KM Middlesbrough PCT	E16000053	1.9	95.2	94.4	89.7	93.2	88.5	87.7
5D7 Newcastle PCT	E16000017	2.8	96.9	95.2	88.5	94.6	87.0	90.8
5D8 North Tyneside PCT	E16000018	2.4	99.1	99.0	94.4	98.0	92.5	90.4
TAC Northumberland Care Trust	E17000001	3.2	97.8	97.5	93.7	95.1	91.8	74.0
5QR Redcar & Cleveland PCT	E16000146	1.5	98.6	98.4	93.8	95.2	90.9	94.0
5KG South Tyneside PCT	E16000051	1.6	98.7	98.5	92.8	95.9	90.7	87.4
5KL Sunderland Teaching PCT	E16000052	3.1	98.5	98.0	91.5	95.5	90.6	96.2
5E1 Stockton-on-Tees Teaching PCT	E16000020	2.4	97.3	96.8	88.0	92.8	86.6	87.6
Q31 North West	E18000002	84.2	96.6	95.4	89.1	95.0	87.9	89.2
5HG Ashton, Leigh & Wigan PCT	E16000032	3.7	97.5	97.2	91.0	95.7	90.1	87.8
TAP Blackburn with Darwen Teaching Care Trust Plus	E17000006	2.3	95.8	95.2	88.8	95.3	86.9	92.4
5HP Blackpool PCT	E16000033	1.5	96.5	96.0	83.2	94.1	84.1	88.0
5HQ Bolton PCT	E16000148	3.8	97.5	96.5	91.5	95.9	90.4	88.6
5JX Bury PCT	E16000043	2.3	97.5	97.1	88.1	95.9	86.1	91.0
5NP Central & Eastern Cheshire PCT	E16000095	5.2	96.9	93.0	91.1	95.1	89.7	85.4
5NG Central Lancashire PCT	E16000088	5.4	97.8	97.4	88.8	95.8	88.1	94.4
5NE Cumbria Teaching PCT	E16000086	5.1	98.2	97.9	91.8	96.5	90.0	93.0
5NH East Lancashire Teaching PCT	E16000089	4.5	96.8	96.5	90.3	96.3	87.8	93.3
5NM Halton & St Helens PCT	E16000093	3.7	96.2	90.0	83.3	93.9	85.2	87.6
5NQ Heywood, Middleton & Rochdale PCT	E16000096	2.8	97.7	97.5	90.3	96.5	87.7	91.8
5J4 Knowsley PCT	E16000038	1.9	96.5	88.7	89.4	94.5	87.9	90.3
5NL Liverpool PCT	E16000092	5.1	96.9	96.5	88.8	95.4	86.5	87.8
5NT Manchester PCT	E16000149	6.6	94.3	93.7	84.5	92.3	83.5	85.2
5NF North Lancashire Teaching PCT	E16000087	3.1	96.2	95.9	84.5	94.2	86.1	92.0
5J5 Oldham PCT	E16000039	3.1	97.4	96.5	92.5	96.6	92.3	87.8
5F5 Salford PCT	E16000025	3.0	97.7	97.7	95.9	97.3	95.3	93.8
5NJ Sefton PCT	E16000090	2.7	96.6	96.2	87.7	94.8	85.3	86.1
5F7 Stockport PCT	E16000026	3.3	96.8	96.5	89.6	96.4	89.1	87.9
5LH Tameside & Glossop PCT	E16000062	2.8	97.9	97.6	89.3	96.1	88.6	93.5
5NR Trafford PCT	E16000097	3.2	93.0	92.6	86.2	92.7	82.5	84.4
5J2 Warrington PCT	E16000037	2.6	94.2	93.5	87.1	90.9	85.8	92.1
5NN Western Cheshire PCT	E16000094	2.7	94.6	91.5	89.8	91.9	87.6	87.4
5NK Wirral PCT	E16000091	3.8	96.4	96.3	92.2	95.3	90.6	83.1
Q32 Yorkshire & the Humber	E18000003	63.6	96.5	95.9	90.2	94.8	89.1	92.3
5JE Barnsley PCT	E16000042	2.8	98.4	98.0	94.8	96.6	93.4	97.6
5NY Bradford & Airedale Teaching PCT	E16000102	8.2	95.8	95.1	89.7	95.0	89.2	91.9
5J6 Calderdale PCT	E16000040	2.6	96.7	96.3	87.5	94.1	85.6	93.3
5N5 Doncaster PCT	E16000078	3.6	96.8	96.3	88.2	94.0	87.2	94.4
5NW East Riding of Yorkshire PCT	E16000100	3.1	98.0	97.6	91.8	95.6	90.8	93.9
5NX Hull Teaching PCT	E16000101	3.4	97.1	95.5	89.5	95.3	88.8	91.1
5N2 Kirklees PCT	E16000075	5.5	97.9	96.9	94.8	96.7	91.9	93.5
5N1 Leeds PCT	E16000074	9.3	96.5	95.7	90.1	94.2	89.1	92.4
TAN North East Lincolnshire Care Trust Plus	E17000005	1.9	97.6	97.3	92.1	95.7	90.7	90.5

Table 12a: Percentage of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		Percentage immunised by their 5th birthday							
		ONS Code	Number of children aged 5 (thousands) (=100%)	Diphtheria Tetanus, Polio	Diphtheria Tetanus, Polio, Hib		MMR	MMR	Hib/MenC Experimental
				primary ⁽¹⁾ %	primary ⁽¹⁾ %	booster %	1st dose %	1st and 2nd dose %	booster %
England			646.0	95.4	94.9	87.4	92.9	86.0	88.9
5EF	North Lincolnshire PCT	E16000021	1.8	96.8	96.3	87.9	93.2	86.0	94.0
5NV	North Yorkshire & York PCT	E16000099	8.1	94.3	94.1	87.7	93.6	87.8	87.9
5H8	Rotherham PCT	E16000031	3.0	95.2	94.7	91.2	93.5	89.5	90.2
5N4	Sheffield PCT	E16000077	6.3	96.6	95.9	88.8	94.5	87.5	92.6
5N3	Wakefield District PCT	E16000076	3.9	97.5	96.7	91.7	96.0	90.4	95.4
Q33	East Midlands	E18000004	51.7	96.9	96.4	90.2	94.1	88.2	91.0
5ET	Bassetlaw PCT	E16000023	1.2	95.9	94.9	81.9	92.6	79.4	91.8
5N7	Derby City PCT	E16000080	3.5	99.0	98.0	91.5	96.0	90.0	94.3
5N6	Derbyshire County PCT	E16000079	7.4	98.6	98.4	92.9	96.1	90.4	95.5
5PC	Leicester City PCT	E16000113	4.7	97.0	95.5	91.4	95.2	90.2	91.0
5PA	Leicestershire County & Rutland PCT	E16000112	7.4	98.6	98.0	94.3	95.9	92.5	94.8
5N9	Lincolnshire Teaching PCT	E16000082	7.7	94.4	94.4	86.1	92.0	83.7	82.4
5PD	Northamptonshire Teaching PCT	E16000114	8.5	96.4	96.0	91.5	93.9	88.5	92.6
5EM	Nottingham City PCT	E16000022	3.8	93.6	92.5	83.6	90.1	82.5	82.4
5N8	Nottinghamshire County Teaching PCT	E16000081	7.4	97.5	97.3	89.8	93.5	88.2	92.7
Q34	West Midlands	E18000005	66.5	96.6	96.0	89.9	94.3	87.5	92.1
5PG	Birmingham East & North PCT	E16000117	6.0	94.9	94.8	83.8	92.8	80.0	88.1
5MD	Coventry Teaching PCT	E16000070	3.8	98.3	97.8	94.7	97.3	93.3	93.0
5PE	Dudley PCT	E16000115	3.5	97.4	97.6	92.7	95.5	89.6	93.0
5MX	Heart of Birmingham Teaching PCT	E16000073	4.9	93.8	93.3	88.2	94.9	89.3	89.3
5CN	Herefordshire PCT	E16000015	1.9	95.0	95.1	85.3	92.4	82.5	88.0
5PH	North Staffordshire PCT	E16000118	2.1	98.3	96.5	94.8	96.5	92.9	97.8
5PF	Sandwell PCT	E16000116	4.0	96.1	95.5	85.7	93.8	86.4	93.6
5M2	Shropshire County PCT	E16000065	2.9	97.8	97.7	94.1	95.5	91.1	95.8
5QW	Solihull PCT ⁽²⁾	E16000151	2.5	96.2	96.0	89.7	91.2	86.3	93.3
5M1	South Birmingham PCT	E16000064	4.4	94.9	94.9	82.8	92.3	79.6	88.8
5PK	South Staffordshire PCT	E16000120	6.7	97.8	97.6	91.4	93.7	87.6	94.2
5PJ	Stoke-on-Trent PCT	E16000119	3.4	98.0	93.6	93.2	96.5	91.9	97.4
5MK	Telford & Wrekin PCT	E16000071	2.1	97.5	97.1	94.0	95.4	91.2	93.7
5M3	Walsall Teaching PCT	E16000066	3.0	98.2	98.1	95.9	96.5	93.7	95.6
5PM	Warwickshire PCT	E16000122	5.4	98.4	97.8	96.6	96.1	93.7	94.8
5MV	Wolverhampton City PCT	E16000072	3.3	94.6	93.7	82.5	92.3	80.6	89.5
5PL	Worcestershire PCT	E16000121	6.4	95.9	95.7	88.8	92.9	85.4	86.9
Q35	East of England	E18000006	71.1	95.6	95.0	89.1	91.5	86.9	91.8
5P2	Bedfordshire PCT	E16000104	5.3	98.2	97.7	92.6	93.9	90.1	91.6
5PP	Cambridgeshire PCT	E16000124	7.1	94.1	93.5	87.2	90.1	85.5	92.0
5PR	Great Yarmouth & Waveney Teaching PCT	E16000126	2.4	95.0	94.7	87.3	92.4	85.1	91.5
5QV	Hertfordshire PCT	E16000150	14.9	94.8	94.5	91.0	90.9	88.7	92.5
5GC	Luton PCT	E16000029	3.2	94.3	93.5	84.9	90.7	83.0	83.3
5PX	Mid Essex PCT	E16000130	4.2	97.4	97.2	88.8	89.3	86.1	94.2
5PQ	Norfolk PCT	E16000125	7.8	96.6	96.0	87.1	91.4	84.7	92.5
5PW	North East Essex PCT	E16000129	3.5	95.7	95.1	89.1	92.0	87.2	91.2
5PN	Peterborough PCT	E16000123	2.7	94.5	92.5	87.1	92.2	86.0	87.5
5P1	South East Essex PCT	E16000103	4.0	96.0	95.5	90.8	92.1	87.6	95.3
5PY	South West Essex PCT	E16000131	5.5	95.9	95.2	88.8	92.1	86.9	92.6
5PT	Suffolk PCT	E16000127	6.8	95.1	94.3	88.9	92.6	87.5	90.9
5PV	West Essex PCT	E16000128	3.6	95.7	95.3	89.9	90.7	86.3	91.8

Table 12a: Percentage of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		Percentage immunised by their 5th birthday						
		Number of children aged 5 (thousands)	Diphtheria Tetanus, Polio	Diphtheria Tetanus, Polio, Hib	Diphtheria Tetanus, Polio, Pertussis	MMR	MMR	Hib/MenC Experimental
ONS Code	(=100%)	primary ⁽¹⁾ %	primary ⁽¹⁾ %	booster %	1st dose %	1st and 2nd dose %	booster %	
England	646.0	95.4	94.9	87.4	92.9	86.0	88.9	
Q36 London	E18000007	117.7	92.0	91.5	78.8	89.7	80.2	81.5
5C2 Barking & Dagenham PCT	E16000009	3.7	89.4	90.3	79.6	88.7	77.9	81.0
5A9 Barnet PCT	E16000006	5.0	96.2	94.4	89.8	94.7	87.8	86.2
TAK Bexley Care Trust	E17000002	3.0	95.8	95.8	82.1	92.3	84.9	88.5
5K5 Brent Teaching PCT	E16000045	4.6	96.3	89.0	87.6	95.2	89.1	88.1
5A7 Bromley PCT	E16000004	4.1	96.7	96.7	87.6	95.2	88.5	92.1
5K7 Camden PCT	E16000047	2.5	90.0	90.0	70.3	84.4	70.0	76.3
5C3 City & Hackney Teaching PCT	E16000010	4.0	90.2	90.2	69.0	88.4	71.3	72.0
5K9 Croydon PCT	E16000049	5.0	92.5	92.5	75.0	89.8	73.1	83.6
5HX Ealing PCT	E16000035	5.4	95.9	95.9	85.7	94.1	84.2	85.3
5C1 Enfield PCT	E16000008	4.5	90.8	91.6	79.1	88.9	76.8	80.6
5A8 Greenwich Teaching PCT	E16000005	4.2	91.4	92.1	81.2	89.4	82.4	77.0
5H1 Hammersmith & Fulham PCT	E16000030	2.5	91.5	91.5	74.7	85.3	73.1	76.8
5C9 Haringey Teaching PCT	E16000013	3.6	87.4	87.4	83.0	88.0	83.1	75.0
5K6 Harrow PCT	E16000046	3.0	96.8	88.0	90.3	95.2	89.6	88.4
5A4 Havering PCT	E16000002	3.0	93.8	94.4	88.5	90.3	85.5	88.6
5AT Hillingdon PCT	E16000007	3.8	94.8	94.3	90.8	93.1	88.6	90.3
5HY Hounslow PCT	E16000036	4.0	92.7	88.2	76.6	92.3	75.8	86.5
5K8 Islington PCT	E16000048	2.3	98.2	98.2	81.4	93.1	83.0	86.3
5LA Kensington & Chelsea PCT ⁽³⁾	E16000056	2.0	89.2	88.8	71.1	86.7	75.4	-
5A5 Kingston PCT	E16000003	2.5	95.6	95.5	77.4	91.3	83.3	82.3
5LD Lambeth PCT	E16000058	4.1	92.6	93.0	70.3	87.7	76.3	80.1
5LF Lewisham PCT	E16000060	4.3	91.2	91.5	67.6	86.7	69.7	77.3
5C5 Newham PCT	E16000012	6.2	87.5	87.5	64.9	79.8	77.3	75.9
5NA Redbridge PCT	E16000083	4.1	90.6	90.5	78.7	89.2	77.1	80.7
5M6 Richmond & Twickenham PCT	E16000067	2.9	93.9	94.2	78.6	89.2	79.4	78.2
5LE Southwark PCT	E16000059	4.2	87.6	88.0	66.1	85.8	71.4	73.8
5M7 Sutton & Merton PCT	E16000068	5.5	85.0	85.3	70.6	85.5	77.0	69.5
5C4 Tower Hamlets PCT	E16000011	3.4	96.1	97.5	94.7	95.6	93.7	86.8
5NC Waltham Forest PCT	E16000084	4.1	93.0	92.9	82.7	90.7	81.5	81.4
5LG Wandsworth PCT ⁽⁴⁾	E16000061	4.4	86.9	86.9	73.9	88.4	79.7	84.4
5LC Westminster PCT	E16000057	2.1	89.9	90.0	87.5	89.3	84.2	80.0
Q37 South East Coast	E18000008	52.0	93.3	93.3	86.4	90.7	84.2	85.7
5LQ Brighton & Hove City PCT	E16000063	3.0	92.7	92.3	84.3	91.0	82.0	83.0
5P7 East Sussex Downs & Weald PCT	E16000109	3.6	95.1	95.1	85.6	93.1	83.7	85.6
5QA Eastern & Coastal Kent PCT	E16000132	8.1	97.1	97.0	92.3	95.1	89.8	93.5
5P8 Hastings & Rother PCT	E16000110	1.8	94.3	94.3	87.0	92.5	85.1	87.8
5L3 Medway PCT	E16000055	3.2	95.5	95.7	94.0	93.4	88.9	93.0
5P5 Surrey PCT	E16000107	15.2	88.0	88.3	75.4	82.8	75.2	78.4
5P9 West Kent PCT	E16000111	7.9	96.2	95.8	94.5	95.1	91.1	92.3
5P6 West Sussex PCT	E16000108	9.2	95.0	94.7	90.6	94.1	87.2	83.0
Q38 South Central	E18000009	52.6	95.4	95.4	89.8	93.2	88.0	90.7
5QG Berkshire East PCT	E16000137	5.8	93.0	93.3	86.2	91.4	84.6	96.9
5QF Berkshire West PCT	E16000136	6.3	94.9	94.9	89.2	92.9	87.6	87.2
5QD Buckinghamshire PCT	E16000134	6.4	97.3	96.5	94.0	95.5	90.2	95.0
5QC Hampshire PCT	E16000133	15.4	95.6	95.7	90.0	92.3	88.4	87.5
5QT Isle of Wight NHS PCT	E16000147	1.4	94.9	93.9	82.4	92.1	80.3	86.4

Table 12a: Percentage of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

percentages and thousands

SHA & PCO Codes		Percentage immunised by their 5th birthday						
		Number of children aged 5 (thousands)	Diphtheria Tetanus, Polio	Hib	Diphtheria Tetanus, Polio, Pertussis	MMR	MMR	Hib/MenC Experimental
ONS Code	(=100%)	primary ⁽¹⁾ %	primary ⁽¹⁾ %	booster %	1st dose %	1st and 2nd dose %	booster %	
England	646.0	95.4	94.9	87.4	92.9	86.0	88.9	
5CQ Milton Keynes PCT	E16000016	3.9	95.7	95.8	88.7	93.8	86.6	89.7
5QE Oxfordshire PCT	E16000135	7.9	96.2	96.8	92.4	95.0	91.2	93.4
5FE Portsmouth City Teaching PCT	E16000027	2.6	93.8	93.9	84.8	89.7	83.8	90.0
5L1 Southampton City PCT	E16000054	3.0	95.9	95.5	91.2	94.2	89.8	88.7
Q39 South West	E18000010	57.6	96.7	96.7	87.8	93.8	84.8	91.3
5FL Bath & North East Somerset PCT	E16000028	2.1	97.1	97.0	90.5	93.4	86.1	92.5
5QN Bournemouth & Poole Teaching PCT ⁽⁵⁾	E16000143	3.7	94.4	97.4	72.5	93.4	70.0	92.8
5QJ Bristol PCT	E16000139	5.4	95.1	95.1	81.9	91.8	79.7	87.8
5QP Cornwall & Isles of Scilly PCT	E16000144	5.6	96.6	96.4	87.7	94.0	85.3	89.9
5QQ Devon PCT	E16000145	7.6	96.4	96.0	89.0	92.1	85.3	90.8
5QM Dorset PCT ⁽⁵⁾	E16000142	3.8	96.2	96.7	83.1	92.1	80.2	91.1
5QH Gloucestershire PCT	E16000138	5.8	96.0	96.4	93.7	94.5	91.5	90.5
5M8 North Somerset PCT	E16000069	2.4	97.3	97.4	91.2	94.7	87.3	92.8
5F1 Plymouth Teaching PCT	E16000024	3.1	97.3	97.0	90.6	95.5	88.1	93.5
5QL Somerset PCT	E16000141	5.6	97.3	97.2	89.0	94.8	86.2	90.1
5A3 South Gloucestershire PCT	E16000001	3.0	98.1	97.8	92.1	94.9	88.5	94.5
5K3 Swindon PCT	E16000044	2.8	97.2	95.9	87.9	93.8	83.8	89.7
TAL Torbay Care Trust	E17000003	1.5	97.7	97.7	88.8	93.4	85.1	93.7
5QK Wiltshire PCT	E16000140	5.3	98.4	98.4	91.7	95.8	88.5	94.4

⁽¹⁾ Children reaching their 5th birthday would have routinely been offered protection against diphtheria, tetanus, pertussis, polio and Hib (Haemophilus influenzae type b) with DTaP/IPV/Hib vaccine, also known as '5 in 1' vaccine.

⁽²⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

⁽³⁾ The HSCIC has not published Hib/MenC coverage figures at 5 years for Kensington and Chelsea PCT as the figures submitted were not consistent with those reported for the same cohort in 2008-09 at two years, nor with the provisional quarterly COVER data submitted to the HPA for Hib/MenC at 5 years during 2011-12.

⁽⁴⁾ Wandsworth PCT reported potential data quality issues affecting reported figures for MenC, DTaP booster and MMR2 at 5 years.

⁽⁵⁾ Bournemouth & Poole Teaching PCT and Dorset PCT reported issues associated with IT systems which have affected data quality in 2011-12.

Source: COVER

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Table 12b: Number of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

numbers

SHA & PCO Codes		ONS Code	Number of children aged 5	Number immunised by their 5th birthday					Hib/MenC Experimental booster
				Diphtheria Tetanus, Polio primary ⁽¹⁾	Diphtheria Tetanus, Polio Hib primary ⁽¹⁾	Diphtheria Tetanus, Polio booster	MMR 1st dose	MMR 1st and 2nd dose	
England			646,036	616,126	612,951	564,322	600,153	555,688	572,600
Q30	North East	E18000001	29,143	28,531	28,398	26,712	27,774	26,206	26,171
5ND	County Durham PCT	E16000085	5,644	5,554	5,537	5,285	5,416	5,189	5,419
5J9	Darlington PCT	E16000041	1,178	1,157	1,153	1,069	1,120	1,047	1,096
5KF	Gateshead PCT	E16000050	2,242	2,201	2,194	2,017	2,160	1,970	1,980
5D9	Hartlepool PCT	E16000019	1,099	1,069	1,070	985	1,038	954	971
5KM	Middlesbrough PCT	E16000053	1,918	1,825	1,810	1,721	1,787	1,697	1,683
5D7	Newcastle PCT	E16000017	2,842	2,754	2,707	2,516	2,689	2,473	2,581
5D8	North Tyneside PCT	E16000018	2,387	2,365	2,362	2,253	2,339	2,207	2,159
TAC	Northumberland Care Trust	E17000001	3,221	3,149	3,141	3,017	3,064	2,957	2,382
5QR	Redcar & Cleveland PCT	E16000146	1,489	1,468	1,465	1,396	1,418	1,353	1,399
5KG	South Tyneside PCT	E16000051	1,591	1,570	1,567	1,476	1,526	1,443	1,390
5KL	Sunderland Teaching PCT	E16000052	3,098	3,051	3,037	2,835	2,959	2,807	2,980
5E1	Stockton-on-Tees Teaching PCT	E16000020	2,434	2,368	2,355	2,142	2,258	2,109	2,131
Q31	North West	E18000002	84,169	81,278	80,327	74,968	79,971	73,943	75,082
5HG	Ashton, Leigh & Wigan PCT	E16000032	3,679	3,586	3,575	3,347	3,521	3,315	3,231
TAP	Blackburn with Darwen Teaching Care Trust Plus	E17000006	2,291	2,194	2,182	2,035	2,184	1,991	2,118
5HP	Blackpool PCT	E16000033	1,535	1,481	1,473	1,277	1,445	1,291	1,351
5HQ	Bolton PCT	E16000148	3,823	3,726	3,689	3,499	3,667	3,457	3,387
5JX	Bury PCT	E16000043	2,312	2,255	2,244	2,037	2,217	1,991	2,103
5NP	Central & Eastern Cheshire PCT	E16000095	5,156	4,998	4,794	4,698	4,903	4,623	4,405
5NG	Central Lancashire PCT	E16000088	5,385	5,267	5,246	4,783	5,159	4,745	5,082
5NE	Cumbria Teaching PCT	E16000086	5,144	5,050	5,035	4,720	4,962	4,629	4,783
5NH	East Lancashire Teaching PCT	E16000089	4,499	4,357	4,340	4,061	4,333	3,951	4,197
5NM	Halton & St Helens PCT	E16000093	3,687	3,546	3,320	3,071	3,463	3,141	3,230
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	2,793	2,728	2,723	2,521	2,694	2,450	2,563
5J4	Knowsley PCT	E16000038	1,863	1,798	1,653	1,665	1,760	1,638	1,683
5NL	Liverpool PCT	E16000092	5,102	4,943	4,923	4,532	4,867	4,413	4,480
5NT	Manchester PCT	E16000149	6,585	6,211	6,173	5,567	6,079	5,501	5,612
5NF	North Lancashire Teaching PCT	E16000087	3,078	2,962	2,953	2,602	2,901	2,649	2,832
5J5	Oldham PCT	E16000039	3,071	2,992	2,962	2,841	2,968	2,834	2,695
5F5	Salford PCT	E16000025	3,038	2,969	2,969	2,913	2,955	2,894	2,849
5NJ	Sefton PCT	E16000090	2,740	2,648	2,637	2,402	2,598	2,338	2,359
5F7	Stockport PCT	E16000026	3,345	3,237	3,228	2,996	3,226	2,982	2,939
5LH	Tameside & Glossop PCT	E16000062	2,797	2,737	2,731	2,499	2,689	2,479	2,616
5NR	Trafford PCT	E16000097	3,187	2,963	2,952	2,747	2,954	2,629	2,689
5J2	Warrington PCT	E16000037	2,584	2,435	2,417	2,250	2,348	2,218	2,379
5NN	Western Cheshire PCT	E16000094	2,701	2,556	2,472	2,425	2,481	2,365	2,361
5NK	Wirral PCT	E16000091	3,774	3,639	3,636	3,480	3,597	3,419	3,138
Q32	Yorkshire & the Humber	E18000003	63,630	61,424	61,000	57,407	60,314	56,689	58,750
5JE	Barnsley PCT	E16000042	2,782	2,737	2,726	2,636	2,688	2,598	2,716
5NY	Bradford & Airedale Teaching PCT	E16000102	8,236	7,894	7,830	7,385	7,821	7,344	7,572
5J6	Calderdale PCT	E16000040	2,597	2,512	2,502	2,273	2,445	2,224	2,422
5N5	Doncaster PCT	E16000078	3,634	3,518	3,500	3,207	3,415	3,170	3,429
5NW	East Riding of Yorkshire PCT	E16000100	3,149	3,087	3,073	2,891	3,010	2,860	2,958
5NX	Hull Teaching PCT	E16000101	3,434	3,335	3,281	3,074	3,271	3,049	3,129
5N2	Kirklees PCT	E16000075	5,474	5,358	5,304	5,191	5,293	5,030	5,120
5N1	Leeds PCT	E16000074	9,258	8,938	8,862	8,344	8,725	8,251	8,550
TAN	North East Lincolnshire Care Trust Plus	E17000005	1,943	1,897	1,890	1,789	1,859	1,762	1,759

Table 12b: Number of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

numbers

SHA & PCO Codes		ONS Code	Number of children aged 5	Number immunised by their 5th birthday					Hib/MenC Experimental booster
				Diphtheria Tetanus, Polio primary ⁽¹⁾	Diphtheria Tetanus, Polio Hib primary ⁽¹⁾	Diphtheria Tetanus, Polio booster	MMR 1st dose	MMR 1st and 2nd dose	
England			646,036	616,126	612,951	564,322	600,153	555,688	572,600
5EF	North Lincolnshire PCT	E16000021	1,830	1,771	1,762	1,608	1,705	1,573	1,721
5NV	North Yorkshire & York PCT	E16000099	8,054	7,596	7,578	7,067	7,541	7,069	7,077
5H8	Rotherham PCT	E16000031	2,986	2,844	2,827	2,722	2,792	2,672	2,692
5N4	Sheffield PCT	E16000077	6,347	6,129	6,088	5,637	6,000	5,555	5,878
5N3	Wakefield District PCT	E16000076	3,906	3,808	3,777	3,583	3,749	3,532	3,727
Q33	East Midlands	E18000004	51,650	50,043	49,775	46,600	48,613	45,541	47,012
5ET	Bassetlaw PCT	E16000023	1,158	1,110	1,099	948	1,072	920	1,063
5N7	Derby City PCT	E16000080	3,495	3,461	3,426	3,198	3,356	3,146	3,295
5N6	Derbyshire County PCT	E16000079	7,414	7,308	7,295	6,884	7,127	6,699	7,081
5PC	Leicester City PCT	E16000113	4,688	4,549	4,475	4,283	4,463	4,228	4,266
5PA	Leicestershire County & Rutland PCT	E16000112	7,393	7,288	7,246	6,969	7,093	6,836	7,012
5N9	Lincolnshire Teaching PCT	E16000082	7,722	7,292	7,288	6,652	7,106	6,463	6,360
5PD	Northamptonshire Teaching PCT	E16000114	8,546	8,235	8,205	7,816	8,028	7,562	7,917
5EM	Nottingham City PCT	E16000022	3,842	3,596	3,552	3,211	3,460	3,169	3,164
5N8	Nottinghamshire County Teaching PCT	E16000081	7,392	7,204	7,189	6,639	6,908	6,518	6,854
Q34	West Midlands	E18000005	66,538	64,244	63,890	59,814	62,765	58,252	61,251
5PG	Birmingham East & North PCT	E16000117	6,046	5,738	5,732	5,066	5,609	4,839	5,324
5MD	Coventry Teaching PCT	E16000070	3,843	3,779	3,758	3,638	3,739	3,584	3,573
5PE	Dudley PCT	E16000115	3,457	3,368	3,375	3,203	3,301	3,098	3,214
5MX	Heart of Birmingham Teaching PCT	E16000073	4,940	4,632	4,610	4,357	4,689	4,413	4,413
5CN	Herefordshire PCT	E16000015	1,856	1,764	1,765	1,583	1,715	1,531	1,633
5PH	North Staffordshire PCT	E16000118	2,114	2,079	2,041	2,004	2,039	1,964	2,067
5PF	Sandwell PCT	E16000116	4,045	3,889	3,861	3,467	3,795	3,496	3,785
5M2	Shropshire County PCT	E16000065	2,868	2,804	2,801	2,698	2,739	2,613	2,748
5QW	Solihull PCT ⁽²⁾	E16000151	2,533	2,437	2,432	2,271	2,310	2,185	2,364
5M1	South Birmingham PCT	E16000064	4,421	4,195	4,194	3,662	4,081	3,520	3,926
5PK	South Staffordshire PCT	E16000120	6,709	6,559	6,550	6,130	6,285	5,875	6,319
5PJ	Stoke-on-Trent PCT	E16000119	3,382	3,314	3,167	3,151	3,264	3,107	3,295
5MK	Telford & Wrekin PCT	E16000071	2,133	2,079	2,072	2,005	2,035	1,945	1,999
5M3	Walsall Teaching PCT	E16000066	3,040	2,985	2,982	2,915	2,934	2,849	2,906
5PM	Warwickshire PCT	E16000122	5,432	5,346	5,315	5,245	5,221	5,092	5,152
5MV	Wolverhampton City PCT	E16000072	3,309	3,129	3,102	2,729	3,055	2,668	2,963
5PL	Worcestershire PCT	E16000121	6,410	6,147	6,133	5,690	5,954	5,473	5,570
Q35	East of England	E18000006	71,073	67,936	67,533	63,334	64,999	61,759	65,226
5P2	Bedfordshire PCT	E16000104	5,322	5,224	5,200	4,928	5,000	4,794	4,877
5PP	Cambridgeshire PCT	E16000124	7,084	6,669	6,624	6,179	6,385	6,057	6,516
5PR	Great Yarmouth & Waveney Teaching PCT	E16000126	2,353	2,236	2,228	2,054	2,174	2,003	2,154
5QV	Hertfordshire PCT	E16000150	14,869	14,100	14,056	13,530	13,509	13,195	13,761
5GC	Luton PCT	E16000029	3,223	3,038	3,014	2,736	2,924	2,675	2,685
5PX	Mid Essex PCT	E16000130	4,218	4,110	4,098	3,747	3,768	3,631	3,975
5PQ	Norfolk PCT	E16000125	7,842	7,575	7,529	6,834	7,164	6,639	7,257
5PW	North East Essex PCT	E16000129	3,518	3,366	3,347	3,135	3,235	3,066	3,209
5PN	Peterborough PCT	E16000123	2,715	2,567	2,511	2,366	2,504	2,334	2,376
5P1	South East Essex PCT	E16000103	4,040	3,878	3,857	3,669	3,722	3,539	3,849
5PY	South West Essex PCT	E16000131	5,510	5,283	5,243	4,893	5,072	4,789	5,103
5PT	Suffolk PCT	E16000127	6,776	6,443	6,393	6,024	6,274	5,927	6,156
5PV	West Essex PCT	E16000128	3,603	3,447	3,433	3,239	3,268	3,110	3,308

Table 12b: Number of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

numbers

SHA & PCO Codes		ONS Code	Number of children aged 5	Number immunised by their 5th birthday					Hib/MenC Experimental booster
				Diphtheria Tetanus, Polio primary ⁽¹⁾	Diphtheria Tetanus, Polio Hib primary ⁽¹⁾	Diphtheria Tetanus, Polio booster	MMR 1st dose	MMR 1st and 2nd dose	
England			646,036	616,126	612,951	564,322	600,153	555,688	572,600
Q36	London	E18000007	117,663	108,287	107,613	92,757	105,546	94,383	94,299
5C2	Barking & Dagenham PCT	E16000009	3,746	3,350	3,382	2,981	3,321	2,920	3,033
5A9	Barnet PCT	E16000006	4,951	4,761	4,673	4,445	4,689	4,347	4,266
TAK	Bexley Care Trust	E17000002	3,004	2,879	2,879	2,466	2,773	2,551	2,658
5K5	Brent Teaching PCT	E16000045	4,571	4,403	4,067	4,002	4,353	4,074	4,027
5A7	Bromley PCT	E16000004	4,111	3,975	3,975	3,600	3,912	3,638	3,786
5K7	Camden PCT	E16000047	2,473	2,225	2,225	1,739	2,087	1,730	1,887
5C3	City & Hackney Teaching PCT	E16000010	3,973	3,585	3,585	2,741	3,511	2,831	2,859
5K9	Croydon PCT	E16000049	5,036	4,660	4,660	3,778	4,524	3,682	4,209
5HX	Ealing PCT	E16000035	5,352	5,135	5,135	4,588	5,037	4,505	4,564
5C1	Enfield PCT	E16000008	4,473	4,062	4,096	3,539	3,978	3,435	3,606
5A8	Greenwich Teaching PCT	E16000005	4,168	3,811	3,838	3,384	3,728	3,436	3,209
5H1	Hammersmith & Fulham PCT	E16000030	2,478	2,267	2,268	1,852	2,113	1,811	1,903
5C9	Haringey Teaching PCT	E16000013	3,597	3,145	3,145	2,987	3,165	2,988	2,698
5K6	Harrow PCT	E16000046	2,972	2,876	2,616	2,683	2,829	2,664	2,626
5A4	Havering PCT	E16000002	2,981	2,796	2,814	2,637	2,691	2,549	2,641
5AT	Hillingdon PCT	E16000007	3,786	3,591	3,569	3,438	3,525	3,353	3,418
5HY	Hounslow PCT	E16000036	3,951	3,661	3,485	3,028	3,648	2,994	3,417
5K8	Islington PCT	E16000048	2,263	2,223	2,223	1,841	2,107	1,879	1,952
5LA	Kensington & Chelsea PCT ⁽³⁾	E16000056	1,989	1,774	1,767	1,415	1,724	1,500	-
5A5	Kingston PCT	E16000003	2,461	2,352	2,351	1,905	2,248	2,049	2,026
5LD	Lambeth PCT	E16000058	4,132	3,825	3,844	2,903	3,624	3,154	3,308
5LF	Lewisham PCT	E16000060	4,270	3,896	3,907	2,888	3,701	2,978	3,299
5C5	Newham PCT	E16000012	6,202	5,425	5,425	4,023	4,948	4,796	4,708
5NA	Redbridge PCT	E16000083	4,126	3,740	3,734	3,247	3,681	3,180	3,330
5M6	Richmond & Twickenham PCT	E16000067	2,901	2,723	2,734	2,279	2,587	2,303	2,269
5LE	Southwark PCT	E16000059	4,192	3,673	3,688	2,770	3,598	2,993	3,093
5M7	Sutton & Merton PCT	E16000068	5,499	4,675	4,688	3,883	4,704	4,233	3,821
5C4	Tower Hamlets PCT	E16000011	3,429	3,296	3,342	3,247	3,278	3,214	2,975
5NC	Waltham Forest PCT	E16000084	4,072	3,788	3,781	3,368	3,694	3,318	3,316
5LG	Wandsworth PCT ⁽⁴⁾	E16000061	4,364	3,792	3,792	3,227	3,856	3,476	3,682
5LC	Westminster PCT	E16000057	2,140	1,923	1,925	1,873	1,912	1,802	1,713
Q37	South East Coast	E18000008	51,952	48,493	48,477	44,877	47,143	43,743	44,516
5LQ	Brighton & Hove City PCT	E16000063	2,959	2,744	2,730	2,494	2,692	2,427	2,457
5P7	East Sussex Downs & Weald PCT	E16000109	3,603	3,428	3,428	3,084	3,354	3,017	3,085
5QA	Eastern & Coastal Kent PCT	E16000132	8,116	7,879	7,871	7,491	7,715	7,291	7,590
5P8	Hastings & Rother PCT	E16000110	1,844	1,739	1,738	1,604	1,706	1,570	1,619
5L3	Medway PCT	E16000055	3,203	3,060	3,064	3,012	2,993	2,849	2,978
5P5	Surrey PCT	E16000107	15,206	13,374	13,433	11,467	12,592	11,438	11,927
5P9	West Kent PCT	E16000111	7,860	7,564	7,533	7,428	7,474	7,161	7,254
5P6	West Sussex PCT	E16000108	9,161	8,705	8,680	8,297	8,617	7,990	7,606
Q38	South Central	E18000009	52,620	50,210	50,222	47,271	49,016	46,324	47,702
5QG	Berkshire East PCT	E16000137	5,843	5,432	5,453	5,037	5,342	4,941	5,662
5QF	Berkshire West PCT	E16000136	6,303	5,981	5,979	5,621	5,856	5,521	5,499
5QD	Buckinghamshire PCT	E16000134	6,391	6,217	6,167	6,005	6,106	5,763	6,074
5QC	Hampshire PCT	E16000133	15,375	14,692	14,709	13,833	14,184	13,599	13,454
5QT	Isle of Wight NHS PCT	E16000147	1,383	1,312	1,298	1,139	1,274	1,110	1,195

Table 12b: Number of children immunised by their 5th birthday, by Primary Care Organisation, 2011-12

numbers

SHA & PCO Codes		ONS Code	Number of children aged 5	Number immunised by their 5th birthday					
				Diphtheria Tetanus, Polio	Hib	Diphtheria Tetanus, Polio, Pertussis	MMR	MMR	Hib/MenC
				<i>primary</i> ⁽¹⁾	<i>primary</i> ⁽¹⁾	<i>booster</i>	<i>1st dose</i>	<i>1st and 2nd dose</i>	<i>Experimental booster</i>
England			646,036	616,126	612,951	564,322	600,153	555,688	572,600
5CQ	Milton Keynes PCT	E16000016	3,851	3,685	3,689	3,415	3,612	3,335	3,456
5QE	Oxfordshire PCT	E16000135	7,893	7,594	7,638	7,297	7,499	7,200	7,376
5FE	Portsmouth City Teaching PCT	E16000027	2,591	2,430	2,434	2,198	2,325	2,170	2,333
5L1	Southampton City PCT	E16000054	2,990	2,867	2,855	2,726	2,818	2,685	2,653
Q39	South West	E18000010	57,598	55,680	55,716	50,582	54,012	48,848	52,591
5FL	Bath & North East Somerset PCT	E16000028	2,059	2,000	1,997	1,863	1,923	1,772	1,904
5QN	Bournemouth & Poole Teaching PCT ⁽⁵⁾	E16000143	3,716	3,508	3,619	2,695	3,470	2,603	3,448
5QJ	Bristol PCT	E16000139	5,400	5,136	5,133	4,425	4,956	4,304	4,741
5QP	Cornwall & Isles of Scilly PCT	E16000144	5,637	5,448	5,433	4,941	5,301	4,811	5,070
5QQ	Devon PCT	E16000145	7,562	7,290	7,261	6,732	6,963	6,448	6,866
5QM	Dorset PCT ⁽⁵⁾	E16000142	3,779	3,634	3,653	3,139	3,482	3,029	3,441
5QH	Gloucestershire PCT	E16000138	5,831	5,597	5,619	5,463	5,508	5,333	5,276
5M8	North Somerset PCT	E16000069	2,361	2,297	2,300	2,153	2,235	2,062	2,192
5F1	Plymouth Teaching PCT	E16000024	3,087	3,005	2,994	2,798	2,947	2,719	2,885
5QL	Somerset PCT	E16000141	5,595	5,444	5,437	4,979	5,304	4,822	5,041
5A3	South Gloucestershire PCT	E16000001	3,003	2,947	2,936	2,767	2,849	2,657	2,838
5K3	Swindon PCT	E16000044	2,794	2,717	2,679	2,456	2,622	2,341	2,506
TAL	Torbay Care Trust	E17000003	1,461	1,427	1,427	1,298	1,364	1,243	1,369
5QK	Wiltshire PCT	E16000140	5,313	5,230	5,228	4,873	5,088	4,704	5,014

⁽¹⁾ Children reaching their 5th birthday would have routinely been offered protection against diphtheria, tetanus, pertussis, polio and Hib (*Haemophilus influenzae* type b) with DTaP/IPV/Hib vaccine, also known as '5 in 1' vaccine.

⁽²⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

⁽³⁾ The HSCIC has not published Hib/MenC coverage figures at 5 years for Kensington and Chelsea PCT as the figures submitted were not consistent with those reported for the same cohort in 2008-09 at two years, nor with the provisional quarterly COVER data submitted to the HPA for Hib/MenC at 5 years during 2011-12.

⁽⁴⁾ Wandsworth PCT reported potential data quality issues affecting reported figures for MenC, DTaP booster and MMR2 at 5 years.

⁽⁵⁾ Bournemouth & Poole Teaching PCT and Dorset PCT reported issues associated with IT systems which have affected data quality in 2011-12.

Source: COVER

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Table 13: Number of persons receiving BCG vaccinations and number of reinforcing doses of diphtheria, tetanus and polio given to school leavers, by Strategic Health Authority, 2011-12

		thousands				
SHA Code	ONS Code	BCG vaccinations ⁽¹⁾			Td/IPV	
		all ages	age under 1	aged 1 and over	age 13-18	
England		181.1	154.1	27.0	443.4	
Q30	North East	E18000001	2.3	2.0	0.2	23.6
Q31	North West	E18000002	16.5	13.1	3.4	68.2
Q32	Yorkshire and the Humber	E18000003	12.4	11.1	1.2	57.8
Q33	East Midlands	E18000004	8.5	6.8	1.7	45.4
Q34	West Midlands	E18000005	16.0	15.0	1.0	42.1
Q35	East of England	E18000006	13.6	10.7	2.8	48.5
Q36	London	E18000007	86.6	74.6	12.0	45.4
Q37	South East Coast	E18000008	6.9	4.7	2.2	39.5
Q38	South Central	E18000009	13.7	12.1	1.6	33.0
Q39	South West	E18000010	4.7	3.8	0.9	39.8

NB: Two Trusts did not submit data on the number of persons given reinforcing doses of Diphtheria, Tetanus and Polio. Four Trusts did not submit figures for the numbers of persons aged one year and over receiving BCG vaccinations. One Trust did not submit figures for the number of under one's receiving BCG vaccinations. National and regional figures do not include these Trusts. For more information see Appendix C on Data Validation and Data Quality.

⁽¹⁾ BCG figures for some Trusts shown in Table 13a have been suppressed (indicated by **) due to potential disclosure issues associated with small numbers. Where Trusts have been suppressed, the relevant SHA totals have also been rounded to the nearest 5. The England total does not therefore equal the sum of SHAs.

For more information on the data quality issues and non submissions on the 2011-12 KC50 return please see Appendix C following the tables at the back of the NHS Immunisation Statistics, England publication.

Source: KC50, Parts A, B and C

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Table 13a: Number of persons receiving BCG vaccinations and number of reinforcing doses of Diphtheria, Tetanus and Polio given to school leavers, by provider, 2011-12

SHA & PCO Codes		ONS Code	BCG vaccinations ⁽⁸⁾			numbers
			all ages	age under 1	aged 1 and over	Td/IPV
						booster
						age 13-18
England ⁽¹⁾			181,079	154,080	26,999	443,366
Q30	North East	E18000001	2,262	2,034	228	23,563
5ND	County Durham PCT ⁽³⁾	E16000085	140	115	25	4,089
5J9	Darlington PCT ⁽²⁾	E16000041	73	59	14	854
5KF	Gateshead PCT	E16000050	143	125	18	1,894
5D9	Hartlepool PCT	E16000019	27	17	10	811
5KM	Middlesbrough PCT	E16000053	420	409	11	1,300
5D7	Newcastle PCT	E16000017	610	585	25	1,965
5D8	North Tyneside PCT	E16000018	129	117	12	3,166
TAC	Northumberland Care Trust	E17000001	81	71	10	3,197
5QR	Redcar & Cleveland PCT	E16000146	24	19	5	1,303
5KG	South Tyneside PCT	E16000051	115	103	12	1,468
5E1	Stockton-on-Tees Teaching PCT ⁽²⁾	E16000020	247	205	42	1,261
5KL	Sunderland Teaching PCT	E16000052	253	209	44	2,255
Q31	North West	E18000002	16,520	13,075	3,445	68,230
5HG	Ashton, Leigh & Wigan PCT	E16000032	249	203	46	2,808
TAP	Blackburn with Darwen Teaching Care Trust Plus	E17000006	979	949	30	1,472
5HP	Blackpool PCT	E16000033	80	48	32	1,188
RMC	Bolton NHS Foundation Trust		1,076	828	248	3,445
5JX	Bury PCT	E16000043	256	234	22	1,450
5NP	Central & Eastern Cheshire PCT	E16000095	456	313	143	4,400
5NG	Central Lancashire PCT	E16000088	79	40	39	4,788
RW3	Central Manchester University Hospitals NHS Foundation Trust		6,734	4,581	2,153	4,015
5NE	Cumbria Teaching PCT	E16000086	116	101	15	4,428
5NH	East Lancashire Teaching PCT	E16000089	1,111	1,024	87	3,492
5NM	Halton & St Helens PCT	E16000093	70	60	10	2,961
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	432	414	18	1,784
5J4	Knowsley PCT	E16000038	60	44	16	1,548
RY1	Liverpool Community Health NHS Trust		852	777	75	6,007
REP	Liverpool Women's NHS Foundation Trust		*	551	*	-
5NF	North Lancashire Teaching PCT	E16000087	162	86	76	2,862
5J5	Oldham PCT ⁽²⁾	E16000039	1,144	1,104	40	1,924
RM3	Salford Royal NHS Foundation Trust		507	443	64	2,117
5NJ	Sefton PCT	E16000090	*	*	18	2,362
5F7	Stockport PCT	E16000026	312	217	95	2,544
5LH	Tameside & Glossop PCT	E16000062	369	321	48	2,298
RM4	Trafford Healthcare NHS Trust ^{(2) (3)}		351	327	24	2,507
5J2	Warrington PCT	E16000037	233	149	84	1,963
5NN	Western Cheshire PCT	E16000094	138	124	14	2,213
5NK	Wirral PCT	E16000091	181	134	47	3,654
Q32	Yorkshire and The Humber ⁽¹⁾	E18000003	12,355	11,145	1,210	57,802
5NY	Bradford & Airedale Teaching PCT	E16000102	3,785	3,731	54	6,043
5J6	Calderdale PCT	E16000040	479	457	22	2,136
5N5	Doncaster PCT	E16000078	249	180	69	3,394
5NW	East Riding of Yorkshire PCT	E16000100	108	91	17	3,128
5NX	Hull Teaching PCT	E16000101	353	313	40	4,633
5N2	Kirklees PCT	E16000075	2,004	1,711	293	5,233
5N1	Leeds PCT	E16000074	2,771	2,239	532	9,835
TAN	North East Lincolnshire Care Trust Plus	E17000005	*	79	*	1,447
5NV	North Yorkshire & York PCT ^{(4) (5)}	E16000099	46	..	46	6,504
RJL	Northern Lincolnshire & Goole Hospitals NHS Foundation Trust		157	106	51	1,051
RCU	Sheffield Children's NHS Foundation Trust		1,619	1,603	16	7,596
RXG	South West Yorkshire Partnership NHS Foundation Trust		*	27	*	2,164
RFR	The Rotherham NHS Foundation Trust		359	323	36	1,403
5N3	Wakefield District PCT	E16000076	306	286	20	3,235
Q33	East Midlands	E18000004	8,523	6,795	1,728	45,394
5ET	Bassetlaw PCT	E16000023	44	29	15	1,048
RFS	Chesterfield Royal Hospital NHS Foundation Trust		86	52	34	-
5N7	Derby City PCT	E16000080	973	768	205	2,530
5N6	Derbyshire County PCT ⁽⁶⁾	E16000079	120	75	45	6,734
5PC	Leicester City PCT ^{(2) (3)}	E16000113	3,478	2,820	658	3,812
5PA	Leicestershire County & Rutland PCT ⁽²⁾	E16000112	881	692	189	7,547
5N9	Lincolnshire Teaching PCT	E16000082	216	116	100	8,255
RP1	Northamptonshire Healthcare NHS Foundation Trust		993	829	164	5,988
5EM	Nottingham City PCT	E16000022	1,281	1,097	184	2,482
5N8	Nottinghamshire County Teaching PCT	E16000081	451	317	134	6,998
Q34	West Midlands ⁽¹⁾	E18000005	16,003	15,048	955	42,147
5PG	Birmingham East & North PCT	E16000117	2,632	2,632	..	3,111
5MD	Coventry Teaching PCT	E16000070	1,787	1,635	152	3,867

Table 13a: Number of persons receiving BCG vaccinations and number of reinforcing doses of Diphtheria, Tetanus and Polio given to school leavers, by provider, 2011-12

SHA & PCO Codes		ONS Code	BCG vaccinations ⁽⁸⁾			numbers
			all ages	age under 1	aged 1 and over	Td/IPV
						booster
					age 13-18	
England ⁽¹⁾			181,079	154,080	26,999	443,366
5PE	Dudley PCT	E16000115	573	518	55	2,893
5MX	Heart of Birmingham Teaching PCT	E16000073	4,029	4,029	..	1,730
RXK	Sandwell & West Birmingham Hospitals NHS Trust		150	134	16	2,483
5M2	Shropshire County PCT	E16000065	136	104	32	3,052
5QW	Solihull PCT ⁽³⁾⁽⁷⁾	E16000151	114	98	16	675
5M1	South Birmingham PCT ⁽²⁾	E16000064	1,443	1,412	31	2,213
R1E	Staffordshire & Stoke-on-Trent Partnership NHS Trust		816	752	64	5,127
5MK	Telford & Wrekin PCT	E16000071	346	263	83	1,874
RJE	University Hospital of North Staffordshire NHS Trust		606	606	-	-
RBK	Walsall Healthcare NHS Trust		1,006	788	218	1,935
5PM	Warwickshire PCT	E16000122	571	451	120	4,663
5MV	Wolverhampton City PCT	E16000072	1,632	1,491	141	2,439
R1A	Worcestershire Health & Care NHS Trust		127	121	6	4,720
RLQ	Wye Valley NHS Trust		35	14	21	1,365
Q35	East of England	E18000006	13,563	10,735	2,828	48,462
RGT	Cambridge University Hospitals NHS Foundation Trust		240	240	-	-
RT1	Cambridgeshire and Peterborough NHS Foundation Trust		783	753	30	449
RYV	Cambridgeshire Community Services NHS Trust		885	661	224	1,224
5PR	Great Yarmouth & Waveney PCT	E16000126	75	37	38	2,689
RY4	Hertfordshire Community NHS Trust		2,561	1,647	914	10,569
RGQ	Ipswich Hospital NHS Trust		414	368	46	-
RGP	James Paget University Hospitals NHS Foundation Trust		0	0	-	803
5GC	Luton PCT	E16000029	3,281	3,123	158	1,886
5PX	Mid Essex PCT	E16000130	376	299	77	3,786
RY3	Norfolk Community Health and Care NHS Trust		631	512	119	4,985
5PW	North East Essex PCT	E16000129	384	236	148	3,112
RWN	South Essex Partnership University NHS Foundation Trust		2,489	1,665	824	10,566
5PY	South West Essex PCT	E16000131	884	755	129	4,841
5PT	Suffolk PCT	E16000127	560	439	121	3,552
Q36	London ⁽¹⁾	E18000007	86,635	74,640	11,995	45,413
5C2	Barking & Dagenham PCT	E16000009	3,112	2,504	608	1,230
5A9	Barnet PCT	E16000006	3,316	2,767	549	1,539
RRP	Barnet, Enfield & Haringey Mental Health NHS Trust		2,618	2,258	360	1,730
RNJ	Barts & The London Trust		4,402	4,111	291	..
5K5	Brent Teaching PCT	E16000045	5,752	3,881	1,871	3,577
5A7	Bromley PCT	E16000004	916	695	221	2,731
5K7	Camden PCT	E16000047	2,275	1,785	490	819
5K9	Croydon PCT	E16000049	2,228	1,888	340	2,353
RC3	Ealing Hospital NHS Trust		5,034	4,330	704	2,169
RVR	Epsom & St Helier University Hospitals NHS Trust		222	184	38	-
RJ1	Guy's and St Thomas' NHS Foundation Trust		5,888	5,888	..	2,139
5H1	Hammersmith & Fulham PCT	E16000030	2,170	1,880	290	292
5K6	Harrow PCT	E16000046	3,589	2,603	986	520
5A4	Havering PCT	E16000002	644	466	178	2,650
5AT	Hillingdon PCT	E16000007	2,282	2,282	-	2,615
RQX	Homerton University Hospital NHS Foundation Trust ⁽²⁾⁽³⁾		3,270	2,697	573	1,327
5HY	Hounslow PCT	E16000036	*	3,104	*	504
5LA	Kensington & Chelsea PCT ⁽²⁾	E16000056	454	454	..	..
5A5	Kingston PCT	E16000003	790	547	243	1,147
5LF	Lewisham PCT	E16000060	4,897	4,014	883	1,005
5C5	Newham PCT	E16000012	6,226	5,817	409	3,429
RPG	Oxleas NHS Foundation Trust		5,105	3,773	1,332	2,041
5NA	Redbridge PCT	E16000083	3,206	3,176	30	3,038
5M6	Richmond & Twickenham PCT	E16000067	1,072	995	77	654
5M7	Sutton & Merton PCT	E16000068	2,273	1,300	973	3,798
RKE	The Whittington Hospital NHS Trust ⁽²⁾⁽³⁾		4,748	4,713	35	1,013
5NC	Waltham Forest PCT	E16000084	3,607	3,427	180	1,996
5LG	Wandsworth PCT	E16000061	1,302	1,302	-	528
5LC	Westminster PCT	E16000057	2,130	1,798	332	569
Q37	South East Coast	E18000008	6,852	4,688	2,164	39,538
5LQ	Brighton & Hove City PCT	E16000063	480	328	152	1,956
NTV	Central Surrey Health		335	329	6	1,582
5P7	East Sussex Downs & Weald PCT	E16000109	168	101	67	2,946
5QA	Eastern & Coastal Kent PCT	E16000132	696	388	308	7,324
5P8	Hastings & Rother PCT	E16000110	182	129	53	1,625
RWF	Maidstone & Tunbridge Wells NHS Trust		420	314	106	-
5L3	Medway PCT	E16000055	420	211	209	2,886
RA2	Royal Surrey County Hospital NHS Foundation Trust		155	155	-	-
5P5	Surrey PCT	E16000107	1,946	1,551	395	6,540
5P9	West Kent PCT	E16000111	1,291	775	516	6,757
5P6	West Sussex PCT	E16000108	759	407	352	7,922

Table 13a: Number of persons receiving BCG vaccinations and number of reinforcing doses of Diphtheria, Tetanus and Polio given to school leavers, by provider, 2011-12

SHA & PCO Codes		ONS Code	BCG vaccinations ⁽⁸⁾			numbers
			all ages	age under 1	aged 1 and over	Td/IPV
						booster
						age 13-18
England ⁽¹⁾			181,079	154,080	26,999	443,366
Q38	South Central	E18000009	13,725	12,145	1,580	32,968
5QG	Berkshire East PCT	E16000137	1,459	1,387	72	3,383
5QF	Berkshire West PCT	E16000136	1,085	967	118	3,891
5QD	Buckinghamshire PCT	E16000134	767	244	523	5,198
5QC	Hampshire PCT	E16000133	1,112	844	268	7,502
RD7	Heatherwood & Wexham Park Hospitals NHS Trust		2,833	2,833	-	-
5QT	Isle of Wight NHS PCT	E16000147	*	40	*	1,313
RD8	Milton Keynes Hospital NHS Foundation Trust ^{(2) (3)}		1,292	1,241	51	-
5CQ	Milton Keynes PCT	E16000016	1,310	1,092	218	1,933
RTH	Oxford University Hospitals NHS Trust		992	983	9	-
5QE	Oxfordshire PCT	E16000135	1,192	1,031	161	6,949
5FE	Portsmouth City Teaching PCT	E16000027	416	400	16	917
RHU	Portsmouth Hospitals NHS Trust		*	498	*	0
5L1	Southampton City PCT	E16000054	719	583	136	1,882
Q39	South West	E18000010	4,655	3,779	876	39,849
5FL	Bath & North East Somerset PCT	E16000028	78	58	20	1,630
5QN	Bournemouth & Poole Teaching PCT	E16000143	316	237	79	2,645
5QJ	Bristol PCT	E16000139	1,275	1,181	94	873
5QQ	Devon PCT	E16000145	423	217	206	7,117
RDY	Dorset Healthcare University NHS Foundation Trust		98	83	15	2,928
5QH	Gloucestershire PCT	E16000138	371	258	113	4,950
5M8	North Somerset PCT	E16000069	118	114	4	377
5F1	Plymouth Teaching PCT	E16000024	223	157	66	1,779
RD3	Poole Hospital NHS Foundation Trust		98	98	-	-
REF	Royal Cornwall Hospitals NHS Trust		213	92	121	4,861
5QL	Somerset PCT	E16000141	184	153	31	4,379
5A3	South Gloucestershire PCT ⁽³⁾	E16000001	283	256	27	565
5K3	Swindon PCT	E16000044	478	445	33	2,166
RDZ	The Royal Bournemouth & Christchurch Hospitals NHS Foundation Trust		195	195	-	-
TAL	Torbay Care Trust	E17000003	19	15	4	1,223
5QK	Wiltshire PCT	E16000140	283	220	63	4,356

.. Data not available for this Trust

- Not applicable. Vaccination not undertaken by this Trust.

⁽¹⁾ Two Trusts (Barts and the London Trust and Kensington and Chelsea PCT) did not submit data on the number of persons given reinforcing doses of Diphtheria, Tetanus and Polio. Four Trusts (Heart of Birmingham Teaching PCT, Birmingham East and North PCT, Guy's and St Thomas' NHS Foundation Trust and Kensington and Chelsea PCT) did not submit figures for the numbers of persons aged one year and over receiving BCG vaccinations. One Trust (North Yorkshire and York PCT) did not submit figures for the number of under one's receiving BCG vaccinations. National and regional figures do not include these Trusts.

⁽²⁾ Eleven Trusts reported actual or potential data quality issues relating to BCG vaccination figures. Data quality issues includes under or over reporting of vaccinations.

⁽³⁾ Eight Trusts reported actual or potential data quality issues relating to Td/IPV vaccination figures. Data quality issues includes under or over reporting of vaccinations.

⁽⁴⁾ Reported figures for Td/IPV include data from 84 out of 97 GP practices. Data for the remaining practices was not available.

⁽⁵⁾ Reported figures for BCG include data from 37 out of 97 GP practices. Data for the remaining practices was not available.

⁽⁶⁾ Vaccination figures for Td/IPV for part of this Trust have been estimated.

⁽⁷⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

⁽⁸⁾ Some BCG figures have been suppressed (indicated by '*') due to potential disclosure issues associated with small numbers. Where Trusts have been suppressed, the relevant SHA totals have also been rounded to the nearest 5. The England total does not therefore equal the sum of SHAs.

For more information on the data quality issues on the 2011-12 KC50 return please see Appendix C following the tables at the back of the NHS Immunisation Statistics, England publication.

Source: KC50, Parts A, B and C

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Table 14: Percentage of persons aged 65 and over immunised against Influenza (seasonal flu) by Strategic Health Authority, 2011-12

			<i>percentages</i>
SHA Code		ONS Code	percentage immunised during 1 September 2011 - 31 January 2012
England			74.0
Q30	North East	E18000001	75.8
Q31	North West	E18000002	76.7
Q32	Yorkshire and the Humber	E18000003	74.8
Q33	East Midlands	E18000004	73.9
Q34	West Midlands	E18000005	72.6
Q35	East Of England	E18000006	73.5
Q36	London	E18000007	72.2
Q37	South East Coast	E18000008	72.1
Q38	South Central	E18000009	74.4
Q39	South West	E18000010	74.2

Source: Department of Health

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Table 14a: Percentage of persons aged 65 and over immunised against Influenza (seasonal flu) by Primary Care Organisation, 2011-12

SHA & PCO Codes		ONS Code	percentages percentage immunised during 1 September 2011 - 31 January 2012
England			74.0
Q30	North East	E18000001	75.8
5ND	County Durham PCT	E16000085	73.8
5J9	Darlington PCT	E16000041	73.9
5KF	Gateshead PCT	E16000050	77.2
5D9	Hartlepool PCT	E16000019	73.0
5KM	Middlesbrough PCT	E16000053	76.3
5D7	Newcastle PCT	E16000017	77.5
5D8	North Tyneside PCT	E16000018	75.5
TAC	Northumberland Care Trust	E17000001	76.4
5QR	Redcar & Cleveland PCT	E16000146	78.5
5KG	South Tyneside PCT	E16000051	77.0
5E1	Stockton-on-Tees Teaching PCT	E16000020	73.7
5KL	Sunderland Teaching PCT	E16000052	76.9
Q31	North West	E18000002	76.7
5HG	Ashton, Leigh & Wigan PCT	E16000032	74.4
TAP	Blackburn with Darwen Teaching Care Trust Plus	E17000006	76.8
5HP	Blackpool PCT	E16000033	74.6
5HQ	Bolton PCT	E16000148	74.4
5JX	Bury PCT	E16000043	74.5
5NP	Central & Eastern Cheshire PCT	E16000095	79.4
5NG	Central Lancashire PCT	E16000088	77.5
5NE	Cumbria Teaching PCT	E16000086	75.5
5NH	East Lancashire Teaching PCT	E16000089	76.3
5NM	Halton & St Helens PCT	E16000093	77.3
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	78.2
5J4	Knowsley PCT	E16000038	77.9
5NL	Liverpool PCT	E16000092	77.8
5NT	Manchester PCT	E16000149	72.6
5NF	North Lancashire Teaching PCT	E16000087	77.5
5J5	Oldham PCT	E16000039	75.6
5F5	Salford PCT	E16000025	77.2
5NJ	Sefton PCT	E16000090	76.4
5F7	Stockport PCT	E16000026	80.7
5LH	Tameside & Glossop PCT	E16000062	76.8
5NR	Trafford PCT	E16000097	81.5
5J2	Warrington PCT	E16000037	74.1
5NN	Western Cheshire PCT	E16000094	76.3
5NK	Wirral PCT	E16000091	76.7
Q32	Yorkshire & the Humber	E18000003	74.8
5JE	Barnsley PCT	E16000042	72.7
5NY	Bradford & Airedale Teaching PCT	E16000102	76.3
5J6	Calderdale PCT	E16000040	72.9
5N5	Doncaster PCT	E16000078	73.8
5NW	East Riding of Yorkshire PCT	E16000100	72.8
5NX	Hull Teaching PCT	E16000101	74.7
5N2	Kirklees PCT	E16000075	72.0
5N1	Leeds PCT	E16000074	78.2
TAN	North East Lincolnshire Care Trust Plus	E17000005	72.6
5EF	North Lincolnshire PCT	E16000021	71.4
5NV	North Yorkshire & York PCT	E16000099	75.2
5H8	Rotherham PCT	E16000031	76.0
5N4	Sheffield PCT	E16000077	76.2
5N3	Wakefield District PCT	E16000076	74.0
Q33	East Midlands	E18000004	73.9
5ET	Bassetlaw PCT	E16000023	72.5
5N7	Derby City PCT	E16000080	76.0

Table 14a: Percentage of persons aged 65 and over immunised against Influenza (seasonal flu) by Primary Care Organisation, 2011-12

		<i>percentages</i>	
SHA & PCO Codes	ONS Code	percentage immunised during 1 September 2011 - 31 January 2012	
England			74.0
5N6	Derbyshire County PCT	E16000079	75.2
5PC	Leicester City PCT	E16000113	70.7
5PA	Leicestershire County & Rutland PCT	E16000112	73.2
5N9	Lincolnshire Teaching PCT	E16000082	72.6
5PD	Northamptonshire Teaching PCT	E16000114	72.8
5EM	Nottingham City PCT	E16000022	73.7
5N8	Nottinghamshire County Teaching PCT	E16000081	76.4
Q34	West Midlands	E18000005	72.6
5PG	Birmingham East & North PCT	E16000117	69.9
5MD	Coventry Teaching PCT	E16000070	70.8
5PE	Dudley PCT	E16000115	73.2
5MX	Heart of Birmingham Teaching PCT	E16000073	77.3
5CN	Herefordshire PCT	E16000015	72.4
5PH	North Staffordshire PCT	E16000118	72.5
5PF	Sandwell PCT	E16000116	69.5
5M2	Shropshire County PCT	E16000065	72.8
5QW	Solihull PCT ⁽¹⁾	E16000151	73.7
5M1	South Birmingham PCT	E16000064	71.3
5PK	South Staffordshire PCT	E16000120	71.3
5PJ	Stoke-on-Trent PCT	E16000119	74.4
5MK	Telford & Wrekin PCT	E16000071	72.1
5M3	Walsall Teaching PCT	E16000066	72.3
5PM	Warwickshire PCT	E16000122	74.6
5MV	Wolverhampton City PCT	E16000072	70.6
5PL	Worcestershire PCT	E16000121	74.8
Q35	East of England	E18000006	73.5
5P2	Bedfordshire PCT	E16000104	73.7
5PP	Cambridgeshire PCT	E16000124	74.8
5PR	Great Yarmouth & Waveney Teaching PCT	E16000126	73.0
5QV	Hertfordshire PCT	E16000150	77.2
5GC	Luton PCT	E16000029	72.3
5PX	Mid Essex PCT	E16000130	72.1
5PQ	Norfolk PCT	E16000125	70.9
5PW	North East Essex PCT	E16000129	72.3
5PN	Peterborough PCT	E16000123	71.1
5P1	South East Essex PCT	E16000103	71.6
5PY	South West Essex PCT	E16000131	74.4
5PT	Suffolk PCT	E16000127	73.9
5PV	West Essex PCT	E16000128	72.1
Q36	London	E18000007	72.2
5C2	Barking & Dagenham PCT	E16000009	72.3
5A9	Barnet PCT	E16000006	74.1
TAK	Bexley Care Trust	E17000002	68.8
5K5	Brent Teaching PCT	E16000045	72.4
5A7	Bromley PCT	E16000004	73.7
5K7	Camden PCT	E16000047	73.2
5C3	City & Hackney Teaching PCT	E16000010	75.9
5K9	Croydon PCT	E16000049	68.5
5HX	Ealing PCT	E16000035	69.9
5C1	Enfield PCT	E16000008	74.6
5A8	Greenwich Teaching PCT	E16000005	75.4
5H1	Hammersmith & Fulham PCT	E16000030	68.9
5C9	Haringey Teaching PCT	E16000013	74.1
5K6	Harrow PCT	E16000046	74.1
5A4	Havering PCT	E16000002	72.8
5AT	Hillingdon PCT	E16000007	72.3
5HY	Hounslow PCT	E16000036	64.8

Table 14a: Percentage of persons aged 65 and over immunised against Influenza (seasonal flu) by Primary Care Organisation, 2011-12

SHA & PCO Codes		ONS Code	percentages percentage immunised during 1 September 2011 - 31 January 2012
England			74.0
5K8	Islington PCT	E16000048	73.8
5LA	Kensington & Chelsea PCT	E16000056	70.3
5A5	Kingston PCT	E16000003	68.4
5LD	Lambeth PCT	E16000058	68.9
5LF	Lewisham PCT	E16000060	70.1
5C5	Newham PCT	E16000012	73.5
5NA	Redbridge PCT	E16000083	74.6
5M6	Richmond & Twickenham PCT	E16000067	76.9
5LE	Southwark PCT	E16000059	71.9
5M7	Sutton & Merton PCT	E16000068	71.1
5C4	Tower Hamlets PCT	E16000011	76.8
5NC	Waltham Forest PCT	E16000084	73.8
5LG	Wandsworth PCT	E16000061	72.0
5LC	Westminster PCT	E16000057	74.8
Q37	South East Coast	E18000008	72.1
5LQ	Brighton & Hove City PCT	E16000063	70.4
5P7	East Sussex Downs & Weald PCT	E16000109	72.2
5QA	Eastern & Coastal Kent PCT	E16000132	72.7
5P8	Hastings & Rother PCT	E16000110	71.5
5L3	Medway PCT	E16000055	75.2
5P5	Surrey PCT	E16000107	70.2
5P9	West Kent PCT	E16000111	73.6
5P6	West Sussex PCT	E16000108	72.6
Q38	South Central	E18000009	74.4
5QG	Berkshire East PCT	E16000137	72.6
5QF	Berkshire West PCT	E16000136	75.6
5QD	Buckinghamshire PCT	E16000134	73.3
5QC	Hampshire PCT	E16000133	75.1
5QT	Isle of Wight NHS PCT	E16000147	70.4
5CQ	Milton Keynes PCT	E16000016	72.2
5QE	Oxfordshire PCT	E16000135	75.5
5FE	Portsmouth City Teaching PCT	E16000027	75.2
5L1	Southampton City PCT	E16000054	75.3
Q39	South West	E18000010	74.2
5FL	Bath & North East Somerset PCT	E16000028	75.6
5QN	Bournemouth & Poole Teaching PCT	E16000143	72.9
5QJ	Bristol PCT	E16000139	76.6
5QP	Cornwall & Isles of Scilly PCT	E16000144	72.5
5QQ	Devon PCT	E16000145	72.6
5QM	Dorset PCT	E16000142	73.7
5QH	Gloucestershire PCT	E16000138	75.1
5M8	North Somerset PCT	E16000069	77.1
5F1	Plymouth Teaching PCT	E16000024	76.1
5QL	Somerset PCT	E16000141	73.7
5A3	South Gloucestershire PCT	E16000001	79.7
5K3	Swindon PCT	E16000044	75.5
TAL	Torbay Care Trust	E17000003	70.3
5QK	Wiltshire PCT	E16000140	74.6

(1) On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

Source: Department of Health

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Appendices

Appendix A – Glossary

For further information on the diseases included in the glossary below see 'Immunisation against Infectious Diseases – the Green Book'²⁶

Term	Definition
BCG	The Bacillus Calmette-Guerin (BCG) vaccine provides protection against tuberculosis (TB). TB is an infection caused by a bacterium called <i>Mycobacterium tuberculosis</i> ²⁷ .
Child Health Information System (CHIS)	Child Health Information Systems (CHIS) are computerised systems storing clinical records which support health promotion and prevention activities for children, including immunisation.
Diphtheria	Diphtheria is a potentially fatal, contagious disease that usually involves the nose, throat, and air passages, but may also infect the skin ²⁸ .
DTaP/IPV/Hib	Childhood vaccine providing protection against Diphtheria, Tetanus, Pertussis, Polio and <i>Haemophilus influenzae</i> b.
<i>Haemophilus influenzae</i> type b (Hib)	Hib (<i>Haemophilus influenzae</i> type b) is a bacterial infection that can cause a number of serious illnesses such as pneumonia, blood poisoning and meningitis, especially in young children ²⁹ .
HPV	Human papilloma virus (HPV) is the name of a family of viruses that affect the skin and the moist membranes that line the body, such as those in the cervix, anus, mouth and throat. Infection with some types of HPV can cause abnormal tissue growth and other changes to cells, which can lead to cervical cancer ³⁰ .
Influenza	Seasonal flu (also known as influenza) is a highly infectious illness caused by a flu virus. The virus infects the lungs and upper airways, causing a sudden high temperature and general aches and pains ³¹ .
Measles	Measles (sometimes known as morbilli) is a highly infectious viral illness. It causes a range of symptoms including fever, coughing and distinctive red-brown spots on the skin ³² .
MenC	Childhood vaccine providing protection against meningococcal group C

²⁶ Source: <http://www.dh.gov.uk/en/PublicHealth/Immunisation/Greenbook/index.htm>

²⁷ Source: <http://www.nhs.uk/Conditions/BCG/Pages/Introduction.aspx>

²⁸ Source: <http://www.nhs.uk/Conditions/Diphtheria/Pages/Introduction.aspx>

²⁹ Source: <http://www.nhs.uk/conditions/hib/Pages/Introduction.aspx>

³⁰ Source: <http://www.nhs.uk/conditions/hpv-vaccination/pages/introduction.aspx>

³¹ Source: <http://www.nhs.uk/conditions/flu/Pages/Introduction.aspx>

³² Source: <http://www.nhs.uk/conditions/Measles/Pages/Introduction.aspx?url=Pages/What-is-it.aspx>

	disease.
Meningococcal group C disease	Meningococcal group C disease can cause meningitis, and septicaemia (bacterial infection of the blood). Meningitis is an infection of the meninges that are the protective membranes that surround the brain and spinal cord. Infection can cause the meninges to become inflamed and swell, which can damage the nerves and brain.
MMR	Childhood vaccine providing protection against Measles, Mumps and Rubella. MMR1 is used to indicate at least one dose of MMR has been received. MMR2 is used to indicate that two doses of MMR have been received (anytime from 12 months up to the child's 5 th birthday).
Mumps	Mumps is a highly contagious viral infection that usually affects children. The most common symptom of mumps is a swelling of the parotid glands. The parotid glands are located on one side, or both sides, of the face. The swelling gives a person a distinctive 'hamster face' appearance ³³ .
PCV	Pneumococcal Conjugate Vaccine - Childhood vaccine providing protection against Pneumococcal Disease.
Pertussis	Pertussis, also sometimes referred to as whooping cough, is an infection of the lining of the airways ³⁴ .
Pneumococcal disease	Pneumococcal infections are acute infections caused by the <i>Streptococcus pneumoniae</i> (<i>S. pneumoniae</i>) bacterium. There are more than 90 different strains of <i>S. pneumoniae</i> bacteria. <i>S. pneumoniae</i> enters the human body through the nose and mouth ³⁵ .
Polio	Polio, also known as poliomyelitis, is caused by a highly infectious virus. For most people, polio is a mild illness and causes flu-like symptoms. However, polio can be potentially fatal. A severe case of polio attacks the nerve cells that help muscles to function and can cause severe muscle paralysis (paralytic polio) ³⁶ .
Rubella	Rubella (German measles) is an infectious disease that is caused by a virus. It can cause a high temperature (fever) of 38C (100.4F) or over, and a distinctive red-pink rash. In most cases, rubella is a mild condition, but it can be serious in pregnant women because it can harm the unborn baby ³⁷ .
Tetanus	Tetanus is a serious, acute (severe but short-lived) condition that is caused by infection with a bacterium known as <i>Clostridium tetani</i> ³⁸ .
Tuberculosis (TB)	Tuberculosis is a bacterial infection. It is spread by inhaling tiny droplets of saliva from the coughs or sneezes of an infected person ³⁹ .

³³ Source: <http://www.nhs.uk/conditions/Mumps/Pages/Introduction.aspx?url=Pages/What-is-it.aspx>

³⁴ Source: <http://www.nhs.uk/conditions/whooping-cough/pages/introduction.aspx>

³⁵ Source: <http://www.nhs.uk/conditions/pneumococcal-infections/pages/introduction.aspx>

³⁶ Source: <http://www.nhs.uk/conditions/polio-and-post-polio-syndrome-/pages/introduction.aspx>

³⁷ Source: <http://www.nhs.uk/conditions/Rubella/Pages/Introduction.aspx?url=Pages/What-is-it.aspx>

³⁸ Source: <http://www.nhs.uk/conditions/tetanus/pages/introduction.aspx>

³⁹ Source: <http://www.nhs.uk/conditions/Tuberculosis/Pages/Introduction.aspx>

Appendix B – Coverage Definitions

All the coverage definitions below refer to the PCT responsible population which is defined as those for whom the PCT is responsible at a certain point in time (in this instance on 31st March 2012) and includes:

- All persons registered with a GP whose practice forms part of the PCT, regardless of where the person is resident, plus
- Any persons not registered with a GP, who are resident within the PCTs statutory geographical boundary

Note that persons resident within the PCT geographical area but registered with a GP belonging to another PCT, are the responsibility of that other PCT.

COVER: 12 Month Cohort

Coverage for the 12 month cohort is calculated as follows:

$$\frac{\text{Total number of children for whom the PCT is responsible, reaching their first birthday during the evaluation period (2011-12) and immunised before their first birthday}}{\text{Total number of children for whom the PCT is responsible reaching their first birthday during the evaluation period (2011-12)}} \times 100$$

DTaP/IPV/Hib: Immunised is defined as a completed course which is three doses before the child's first birthday. If the child received primary immunisations outside the UK, then a completed course would require three doses of each: DTP or DTaP, IPV or OPV, Hib before their first birthday.

MenC and PCV: Immunised is defined as a completed course which is two doses before the child's first birthday. (PCV can be either PCV7 or PCV13, given in any combination).

COVER: 24 Month Cohort

Coverage for the 24 month cohort is calculated as follows:

$$\frac{\text{Total number of children for whom the PCT is responsible, reaching their **second** birthday during the evaluation period (2011-12) and immunised before their second birthday}}{\text{Total number of children for whom the PCT is responsible reaching their **second** birthday during the evaluation period (2011-12)}} \times 100$$

DTaP/IPV/Hib: Immunised is defined as a completed course which is three doses before the child's second birthday. If the child received primary immunisations outside the UK, then a completed course would require three doses of each: DTP or DTaP, IPV or OPV before their second birthday.

MMR: Immunised is defined as one dose given on or after the child's first birthday and before their second birthday (i.e. excludes MMR given before their first birthday).

MenC primary: Immunised is defined as a completed course which is two doses before the child's first birthday.

Hib/MenC booster: Immunised is defined as either: i) one dose of combined Hib/MenC vaccine on or after the child's first birthday and before their second birthday or: ii) one dose of DTaP/IPV/Hib and one dose of MenC, both given on or after the child's first birthday and before their second birthday (i.e. children completing primary course after their first birthday).

PCV booster: Immunised is defined as one dose given on or after the child's first birthday (irrespective of the number of doses before that age) and before their second birthday.

COVER: 5 Year Cohort

Coverage for the 5 year cohort is calculated as follows:

$$\frac{\text{Total number of children for whom the PCT is responsible, reaching their fifth birthday during the evaluation period (2011-12) and immunised before their fifth birthday}}{\text{Total number of children for whom the PCT is responsible reaching their fifth birthday during the evaluation period (2011-12)}} \times 100$$

Diphtheria, Tetanus and Polio (primary): Immunised is defined as a completed course which is three doses before the child's fifth birthday. Children reaching their 5th birthday from the 2010-11 collection year onwards would have been routinely offered the DTaP/IPV/Hib '5 in 1' vaccine which includes Tetanus, Diphtheria, Pertussis, Polio and Hib. If the child received primary immunisations outside the UK, then a completed course would require three doses of each: DTP or DTaP, IPV or OPV before their fifth birthday.

Diphtheria, Tetanus, Polio and Pertussis (DTaP/IPV) (booster): Immunised is defined as the fourth dose of diphtheria/tetanus/ pertussis/polio containing vaccine given from age three years four months, and before the child's fifth birthday.

Hib (primary)

Immunised is defined as a completed course which is three doses of a Hib-containing vaccine before the child's fifth birthday. Children reaching their 5th birthday from the 2010-11 collection year onwards would have been routinely offered the DTaP/IPV/Hib '5 in 1' vaccine.

MMR1 (1st dose): Immunised is defined as one dose given on or after the child's first birthday and before their fifth birthday (i.e. excludes MMR given before their first birthday).

MMR2 (2nd dose): Immunised is defined as two doses, the first given on or after the child's first birthday and the second at least three months after and before their fifth birthday (excludes MMR given before their first birthday).

Hib/MenC (booster): Immunised is defined as either: i) one dose of combined Hib/MenC vaccine on or after the child's first birthday and before their fifth birthday or: ii) one dose of DTaP/IPV/Hib and one dose of MenC, both given on or after the child's first birthday and before their fifth birthday (i.e. children completing primary course after their first birthday).

Hepatitis B: 12 Month Cohort

Coverage of Hepatitis B (HB) for the 12 month cohort is calculated as follows:

$$\frac{\text{Total number of children for whom the PCT is responsible, with maternal HB positive status, reaching their first birthday during the evaluation period (2011-12) and immunised before their **first** birthday}}{\text{Total number of children for whom the PCT is responsible with maternal HB status positive and reaching their **first** birthday during the evaluation period (2011-12)}} \times 100$$

Immunised is defined as three doses of hepatitis B vaccine, given at any time up to a child's first birthday, in those infants born to HBsAg positive⁴⁰ mothers who reached the age of one year in the appropriate evaluation year.

Hepatitis B: 24 Month Cohort

Coverage of Hepatitis B for the 24 month cohort is calculated as follows:

$$\frac{\text{Total number of children for whom the PCT is responsible, with maternal HB positive status, reaching their second birthday during the evaluation period (2011-12) and immunised before their **second** birthday}}{\text{Total number of children for whom the PCT is responsible with maternal HB status positive and reaching their **second** birthday during the evaluation period (2011-12)}} \times 100$$

Immunised is defined as four doses of hepatitis B vaccine, given at any time up to a child's second birthday, in those infants born to HBsAg positive⁴¹ mothers who reached two years of age in the appropriate evaluation year.

⁴⁰ HBsAG stands for hepatitis B surface antigen and is the surface antigen of the hepatitis B virus (HBV). It indicates current hepatitis B infection.

Seasonal Flu

Seasonal flu coverage is calculated as follows:

$$\frac{\text{Total number of persons aged 65 and over at the time of data extraction, registered with a GP during the evaluation period (2011-12), who have been immunised}}{\text{Total number of persons aged 65 and over at the time of data extraction, registered with a GP during the evaluation period (2011-12)}} \times 100$$

Immunised is defined as one dose of trivalent influenza vaccine given to anyone aged 65 years and over on 31 March 2012 (i.e. born on or before 31 March 1947).

⁴¹ HBsAG stands for hepatitis B surface antigen and is the surface antigen of the hepatitis B virus (HBV). It indicates current hepatitis B infection.

Appendix C – Data Validation and Data Quality

COVER Data

Information on childhood immunisation coverage at ages one, two and five is collected through the Cover of Vaccination Evaluated Rapidly (COVER) data collection from Child Health Information Systems (CHISs) for most PCTs, or from GP systems for a small number of PCTs.

Data collections are quality assured at the time of collection by the HPA and further data validation and quality assurance is carried out by the HSCIC prior to publication.

The HPAs quality assurance processes include the following:

- Checks on data completeness.
- Comparisons are made with data from previous years to identify any unusual trends that need further investigation. Comparisons are made on the numbers of individuals vaccinated, the numbers eligible for vaccination and coverage.
- Comparisons are made with coverage submitted for the same cohort of children in previous years to identify any unexpected changes in the numbers eligible, vaccinated or in coverage.
- Where there are unexpected figures, the PCT is asked to verify the data and where possible provide an explanation(s).

On receipt of the COVER data from the HPA, the HSCIC second check the data for completeness and to ensure that wherever there are unexpected changes as described above, that an adequate reason(s) has been given. Data submitted are also compared at a regional and local level to identify any outliers which may require further investigation (e.g. where coverage in a PCT is substantially higher or lower than in others). Checks are also undertaken on the calculated coverage figures.

Issues with some CHISs over recent years (including issues associated with the implementation of new systems) have affected the quality of COVER data. Table C1 shows the data issues that have been reported by PCTs from 2005-06 to 2010-11.

Table C1: Data Issues associated with Child Health Information Systems

Year	Data issues
2005-06	Nine London PCTs* were unable to submit data due to problems relating to the implementation of a new child health system.
2006-07	Seven London PCTs were unable to provide reliable annual data due to on-going problems relating to the implementation of a new child health system.
2007-08	Six London PCTs did not provide any data and a further seven PCTs had some missing data for the five year cohort due to on-going problems relating to the implementation of a new child health system. One PCT in the South West was unable to provide data due to a major problem with the child health system.
2008-09	18 PCTs experienced data quality issues. In 13 of these PCTs the data quality issue was associated with a recent migration to a new child health system or problems with an existing child health system. Of these 13 PCTs, eleven were in London. One PCT submitted partial datasets due to the unavailability of data from certain parts of the PCT and a further three PCTs submitted data based upon quarterly data due to problems reporting an annual figure.
2009-10	4 PCTs identified CHIS implementation as having a negative impact on data quality and accuracy. Three out of these four PCTs were in London.
2010-11	10 PCTs (including 3 in London) reported data quality issues. Six of the 10 reported that the quality issues were associated with the implementation of CHISs. In addition, two PCTs reported only partial data for their areas and a further one London PCT supplied figures that were estimates based on available data.

* There are 31 PCTs in London

In 2011-12, all 151 Primary Care Trusts were able to supply COVER data on childhood immunisation. Improvements in data quality were reported by 25 PCTs and data quality issues were highlighted for only four PCTs in 2011-12. Two of these PCTs were in London.

The HSCIC has not published Hib/MenC coverage figures at 5 years for one PCT (Kensington and Chelsea PCT) as the figures submitted were not consistent with those reported for the same cohort in 2008-09 at two years, nor with the provisional quarterly COVER data submitted to the HPA for Hib/MenC at 5 years during 2011-12.

Although fewer PCTs reported data quality issues in 2011-12, some caution should still be exercised when comparing coverage figures over time, as apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. While this issue will be more apparent at a local level, it will also have an impact on the national figures.

Coverage statistics for the Hib/MenC booster vaccination at 5 years are available for the first time this year and reported as experimental statistics (see section 2.1.3 and Tables 3, 5c, 12, 12a and 12b in the Data Tables). They are published as experimental statistics as they are undergoing evaluation.

KC50 data

Information about immunisation of children aged 13-18 years receiving a reinforcing dose of tetanus, diphtheria and polio (Td/IPV) and MMR and the BCG programme for all persons is collected on the KC50 return from Trusts providing immunisation services.

Data collections are quality assured by the HSCIC. Extensive work has been undertaken to verify data submitted on the KC50 form, particularly in relation to data which became mandatory for the first time in the 2010-11 collection (see below) and where comparisons to previous year's data demonstrated a significant year-on-year variation. Quality assurance has included the following:

- Checks on data completeness.
- Comparisons are made with data from previous years where possible to identify any unusual trends that need further investigation⁴². Comparisons are made on the numbers of individuals vaccinated and the numbers eligible for vaccination.

⁴² For 29 of the submitting organisations, comparable data was not available for the previous year. In most cases this was because the trust code under which the data were submitted changed from 2010-11 to 2011-12, either because the service transferred to another Trust or because the data were reported by a different trust.

- Where there are larger than expected year on year changes, the PCT is asked to verify the data and where possible provide an explanation(s).
- Regional and local comparisons are made to identify any outliers which may require further investigation (e.g. where the number vaccinated in one PCT is substantially high or lower than in others).
- Where all children are eligible for vaccination, comparisons are made with PCT population estimates produced by the ONS to ensure the eligible population is roughly what would be expected.
- Checks that totals equal the sum of parts.
- Sense checks on data accuracy (e.g. checking that the number vaccinated is not greater than the number eligible to be vaccinated).

KC50 returns were received from all 204 of the Trusts that provide an immunisation service but six Trusts did not submit some of the data required on numbers receiving Td/IPV and/or BCG vaccinations. In most cases this was due to data quality issues.

Potential or actual data quality/completeness issues were identified by a further 16 Trusts, 13 of which mentioned issues associated with Child Health Information Systems. Eleven of the 16 Trusts reported that the data they had submitted was incomplete or potentially incomplete. In contrast to this, 24 Trusts reported improvements to either data quality, data reporting or data collection. Some of these 24 Trusts were those that had also reported data quality issues, suggesting that although there were outstanding data quality issues with the dataset submitted, quality had also improved for some or all data submitted for 2011-12 compared to the previous year.

Tetanus, diphtheria and polio (Td/IPV)

Changes were made to the KC50 data collection for 2010-11 onwards, making it mandatory for PCTs to submit data on the numbers of children aged 13-18 years eligible for reinforcing doses of diphtheria, tetanus and polio (Td/IPV). The changes made to the KC50 also required PCTs to provide the Td/IPV data disaggregated into one year age bands. In previous years the provision of data on the eligible population and the age breakdown had

not been mandatory and many providers of immunisation services were unable to extract this information from their CHISs. In particular, there were issues around supplying data for those aged over 16 and therefore those aged 17 and 18 who might have been vaccinated may not have been included in the KC50 return.

Despite the mandatory changes made to the KC50 collection for 2010-11 onwards, the quality of the Td/IPV data was mixed. Although almost all PCTs supplied the data requested, validation of the eligible population suggested that in many cases this population had not been identified correctly. For some PCTs this was associated with their CHIS.

Due to these quality issues the full data set has not been published in this report. The full dataset is, however, available via the following link:

www.ic.nhs.uk/pubs/immstats1112

Users are advised to read the KC50 Introductory Note that accompanies the data files as this details the additional quality issues identified in the dataset which should be considered when using it.

As in previous years, the numbers of those between the ages of 13 and 18 years receiving reinforcing doses of tetanus, diphtheria and polio (Td/IPV) has been reported (see Tables 13 and 13a). Two Trusts (Barts and the London Trust and Kensington and Chelsea PCT) did not submit data on the number of persons given reinforcing doses of Diphtheria, Tetanus and Polio. For Barts and the London Trust this was due to IT system issues affecting data quality. National and London regional figures for 2011-12 do not include these Trusts and therefore some caution should be exercised if comparing figures with previous years. Footnotes have been placed in the affected tables.

The number of Td/IPV vaccinations reported by some Trusts showed considerable year on year variation. The most common reasons reported by Trusts for these variations were:

- children moving in or out of the area
- changes to local immunisation programmes (e.g. changes to the scheduling of vaccination programmes, more vaccination sessions run in schools, follow-ups,

vaccination offered in GP surgeries delays to the commencement of the vaccination programme in 2011-12)

- the impact of catch-up programmes (either in the current reporting year or in previous years)
- improvements to data collection/reporting
- 2010-11 data was incomplete or inaccurate
- issues with Child Health Reporting Systems

Note that due to the issues around data quality and implementation of the changes to the KC50 collection, some caution should be exercised when comparing vaccination numbers between Trusts and over time, as apparent trends/differences could reflect changes in the quality/completeness of data reported as well as real changes in vaccinations given.

Tuberculosis (BCG)

Data quality issues (some associated with Child Health Information Systems) continue to affect the quality of data collected through the KC50 on Tuberculosis (BCG) vaccinations in some PCTs. Some caution should therefore be exercised when comparing vaccination statistics between Trusts and over time.

Many Trusts did not report on the number of Mantoux Tests carried out to determine whether the BCG vaccine should be given. In most cases this was because the data were not available/not recorded on CHISs. National figures on the number Mantoux tests given are therefore not reported this year. Mantoux data for previous years was not subject to the same level of validation as other data collected on the KC50 and it is quite likely that some Trusts reporting 0 tests in previous years did so because they were unable to provide data. Some caution should therefore be exercised when comparing these data over time.

A number of quality issues were identified with the data reported on Parts B and C of the KC50 on those 'eligible' for BCG vaccination. Due to these quality issues the full data set has not been published in this report. The full dataset is, however, available via the following link:

www.ic.nhs.uk/pubs/immstats1112

Users are advised to read the KC50 Introductory Note that accompanies the data files as this details the additional quality issues identified in the dataset which should be considered when using it.

As in previous years, the numbers of those vaccinated for BCG have been reported in Tables 13 and 13a. Four Trusts (Heart of Birmingham Teaching PCT, Birmingham East and North PCT, Guy's and St Thomas' NHS Foundation Trust and Kensington and Chelsea PCT) did not submit figures for the numbers of persons aged one year and over receiving BCG vaccinations due to data quality or IT system issues. One Trust (North Yorkshire and York PCT) did not submit figures for the number of children under one receiving BCG vaccinations. National and regional figures for 2011-12 do not include these Trusts and therefore some caution should be exercised if comparing figures with previous years. Footnotes have been placed in the affected tables.

The number of Tuberculosis vaccinations (BCG) given at a local level varied considerably. This is expected as the vaccination programme is a risk based one which aims to vaccinate those at increased risk of developing severe disease and/or of exposure to tuberculosis infection. Extensive work has been undertaken to verify data submitted on the numbers of children vaccinated, particularly where comparisons to previous year's data demonstrated a significant year-on-year variation.

The most common reasons reported by Trusts for variation in the numbers vaccinated from those reported in 2010-11 were:

- changes to local immunisation programmes (e.g. a greater focus on high risk groups from abroad, new community TB nursing service, catch up programmes run in either the previous or current year, change in clinic location, a new programme delivered in maternity units).
- improvements to data quality, reporting and/or collection
- Child Health Information System (CHIS) issues (e.g. issues transferring data across to new systems, incorrect read codes)

- changes to the numbers requiring vaccination (e.g. increases in the numbers of those at risk moving into the area)
- 2010-11 data was incomplete or inaccurate

Revisions to 2010-11 statistics

Subsequent to publishing the Immunisations Statistics 2010-11 on 28 September 2011, revised Hepatitis B data was received from 6 PCTs. The main PDF report and the Hepatitis B tables files were updated on 2 December 2011.

Blank values were originally published in Table 12a for Hertfordshire PCT. This table was updated to include the Hertfordshire figures in corrections to the report, Excel and CSV tables on 25 October 2011. No other tables or PCTs were affected.

Appendix D – How are the Statistics used?

Users and Uses of the Report

Uses of Statistics by Known Users

This section details known users of the report and the purposes for which they use the statistics. All these users have found the information in the report useful for the purposes set out.

Health Protection Agency (HPA)

The Health Protection Agency uses the report as a validated authoritative source of figures for annual coverage data for use when referring to immunisation programmes at all levels within England. The statistics are used by the HPA to report United Kingdom (UK) vaccine coverage data to the World Health Organisation (WHO) and UNICEF.

Department of Health (DH)

The Department of Health (DH) use the statistics from this publication, together with provisional quarterly COVER data published by the HPA, to inform the development and evaluation of government policy on immunisation and to assess the delivery of different immunisations in the national programme. The statistics also help inform vaccine policy decisions, such as national and regional catch-up programmes for specific immunisations. DH uses the statistics to respond to public and parliamentary business. A number of the statistics from this publication will also be used as indicators for the government's Public Health Outcomes Framework⁴³.

Strategic Health Authority (SHA)

The statistics are used at SHA level to monitor local performance against targets.

Primary Care Trust (PCT)

The statistics are used by PCTs to monitor local performance.

⁴³ For more information on the Public Health Outcomes Framework see: <http://www.dh.gov.uk/health/2012/01/public-health-outcomes/>

OECD

The seasonal flu statistics are supplied to the OECD by the NHS Information Centre and are used in OECD Health Database and also for the Health care Quality Indicator project.

Compendium of Population Health Indicators

Statistics on vaccinations for MMR and whooping cough (pertussis) from the publication are included in the Compendium of Population Health Indicators which is widely used within the NHS as well as outside it. See: <https://indicators.ic.nhs.uk/webview/>

Child and Maternal Health Observatory (ChiMat)

Statistics from the publication are used in the Child Health Profiles published by the ChiMat. See: <http://www.chimat.org.uk/default.aspx>

Unknown Users

The NHS Immunisation Statistics publication is free to access via the HSCIC website and therefore the majority of users will access the report without being known to the HSCIC. It is important to put mechanisms in place to try to understand how these additional users are using the statistics and also to gain feedback on how we can make the data more useful to them.

On the webpage where the report is published there is a link to a feedback web form which the HSCIC uses for all its reports.

The specific questions asked on the form are:

How useful did you find the content in this publication?

How did you find out about this publication?

What type of organisation do you work for?

What did you use the report for?

What information was the most useful?

Were you happy with the data quality?

To help us improve our publications, what changes would you like to see (for instance content or timing)?

Would you like to take part in future consultations on our publications?

Any responses via this web form are passed to the team responsible for the report to consider.

Appendix E – Feedback from Users

The publication webpage has a 'Have your say' link which invites users to comment on the publication. We have received comments from two users following the last three publications (NHS Immunisation Statistics, England, 2008-09, 2009-10 and 2010-11) covering the following areas:

Public Health Organisation	1
Private sector	1

When asked how useful the report was, the responses were:

Very useful	0
Useful	1
Not very useful	1
Not useful at all	0

One user queried if the data could be made available at local authority level. Unfortunately this is not possible for 2011-12 as the data are collected in aggregated form from PCTs.

Another user queried why the influenza statistics for 'At Risk' groups were not included in the 2008-09 publication. Publications since 2008-09 have included a link to the Department of Health publication which contains these statistics, making them more easily accessible.

Appendix F – Related Publications and Useful Web Links

This bulletin can be found on the internet at:

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

Copies of previous editions published by the HSCIC can also be accessed via this link.

Prior to 2004-05 this bulletin was published by the Department of Health. These editions can be found at:

http://www.dh.gov.uk/en/Publicationsandstatistics/Statistics/StatisticalWorkAreas/StatisticalHealthcare/DH_4086491

'Immunisation against Infectious Diseases – the Green Book', Department of Health

<http://immunisation.dh.gov.uk/category/the-green-book/>

Annual HPV vaccine coverage in England: 2010-11, Department of Health

[https://www.wp.dh.gov.uk/immunisation/files/2012/03/120319 HPV UptakeReport2010-11-revised_acc.pdf](https://www.wp.dh.gov.uk/immunisation/files/2012/03/120319_HPV_UptakeReport2010-11-revised_acc.pdf)

Statistics relating to hepatitis B are available from the HPA website at:

<http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/VaccineCoverageAndCOVER>

More information on the seasonal flu vaccination is available from the Department of Health web page:

<http://immunisation.dh.gov.uk/category/key-vaccine-info/>

Information on the DH flu vaccination programme can be found on the following webpage:

<http://immunisation.dh.gov.uk/flu-vac-prog-201213/>

Data on seasonal flu vaccine coverage amongst people with long-term medical conditions can be found at:

<http://immunisation.dh.gov.uk/category/data-and-statistics/>

and

<http://immunisation.dh.gov.uk/flu-imms-uptake-monitoring-prog-eng-winter-201112/>

Quarterly HPA *Health Protection Reports* and Communicable Disease Reports on the COVER programme for childhood immunisation are available at:

<http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/VaccineCoverageAndCOVER/Publications/coverQuarterlyHPR/>

Appendix G – KC50 Form

Part A - Immunisation Programme Activity for Diphtheria, Tetanus and Polio (Td/IPV) and Measles, Mumps and Rubella (MMR)

Age in year of receipt of booster or reinforcing dose	Number of Td/IPV reinforcing doses given to children aged 13-18 only in the year		Number of courses of MMR completed in the year for children aged 13-18	
	A (1) Number of eligible children	B (2) Number vaccinated	C (3) Number of eligible children	D (4) Number vaccinated
1 - Becoming age 13 years	0	0	0	0
2 - Becoming age 14 years	0	0	0	0
3 - Becoming age 15 years	0	0	0	0
4 - Becoming age 16 years	0	0	0	0
5 - Becoming age 17 years	0	0	0	0
6 - Becoming age 18 years	0	0	0	0
7 - Total Becoming all ages 13 - 18 years	0	0	0	0

Part B - Immunisation Programme – Mantoux Tests and Activity for Tuberculosis (BCG) for persons aged 1 year or over in at-risk categories

	A (5) Number of Mantoux tests carried out in the year to determine whether BCG vaccine should be given	Number of vaccinations in the year	
		B (6) Number identified as requiring vaccination	C (7) Vaccinated
1 - Under 1*			
2 - Becoming 1-5 years		0	0
3 - Becoming 6-15 years	0	0	0
4 - Becoming 16 years or over	0	0	0
5 - Total	0	0	0

*See Part C for neonatal BCG vaccinations

Part C - Immunisation Programme Activity for Tuberculosis (BCG) for persons aged under 1 year

	A (8) Number identified as requiring vaccination	B (9) Number vaccinated
1 - All infants vaccinated routinely	0	0
2 - Infants in selective high-risk groups only	0	0
3 - Other programmes and opportunistic		0
4 - Total aged under 1 year		0

Part D

Comments

Please use this box to record or highlight:-

- any reason for data value = 0 in eligible population
- any factors that may have significantly increased or decreased the figures from the previous year.

Appendix H – KC50 Guidance Notes (2011-12)

Full guidance on completion of the KC50 return can be found through the following link:

<http://www.ic.nhs.uk/services/omnibus-survey/using-the-service/data-collections/kc50>

Appendix I – KC50 Trust Submissions

KC50 data are collected from known Trusts providing immunisation services. Trusts sometimes submit on behalf of other Trusts. Below is a list of the organisations whose data also includes data from other organisations.

- Data for County Durham and Darlington NHS Foundation Trust are included under both County Durham PCT (5ND) and Darlington PCT (5J9) submissions.
- Ashton, Leigh & Wigan PCT (5HG) includes the data return for Ashton, Leigh And Wigan Community Healthcare NHS Trust.
- Central Lancashire PCT (5NG) includes the data return for Lancashire Care NHS Foundation Trust.
- Central Manchester University Hospitals NHS Foundation Trust (RW3) includes the data return for Manchester PCT.
- Knowsley PCT (5J4) includes the data return for 5 Boroughs Partnership NHS Foundation Trust.
- Liverpool Community Health NHS Trust (RY1) includes the data returns for Liverpool PCT and Southport And Ormskirk Hospital NHS Trust.
- North Lancashire Teaching PCT (5NF) includes the data return for University Hospitals Of Morecambe Bay NHS Foundation Trust.
- Salford Royal NHS Foundation Trust (RM3) includes the data return for Salford PCT.
- Stockport PCT (5F7) includes the data return for Stockport NHS Foundation Trust.
- Bradford & Airedale Teaching PCT (5NY) includes the data returns for Airedale NHS Trust and Bradford District Care Trust.
- Calderdale PCT (5J6) includes the data return for Calderdale And Huddersfield NHS Foundation Trust.
- East Riding of Yorkshire PCT (5NW) includes the data return for Humber NHS Foundation Trust.
- Sheffield Children's NHS Foundation Trust (RCU) includes the data return for Sheffield PCT.
- South West Yorkshire Partnership NHS Foundation Trust (RXG) includes the data return for Barnsley PCT.
- Northamptonshire Healthcare NHS Foundation Trust (RP1) includes the data return for Northampton General Hospital NHS Trust.
- South Birmingham PCT (5M1) includes the data return for Birmingham Women's NHS Foundation Trust.

- Staffordshire & Stoke-on-Trent Partnership NHS Trust (R1E) includes the data returns for North Staffordshire PCT, Stoke On Trent PCT and South Staffordshire PCT.
- Warwickshire PCT (5PM) includes the data return for South Warwickshire NHS Foundation Trust.
- Worcestershire Health & Care NHS Trust (R1A) includes the data return for Worcestershire PCT.
- Wye Valley NHS Trust (RLQ) includes the data return for Herefordshire PCT.
- Cambridgeshire and Peterborough NHS Foundation Trust (RT1) includes the data return for Peterborough PCT.
- Cambridgeshire Community Services NHS Trust (RYV) includes the data return for Cambridgeshire PCT.
- South Essex Partnership University NHS Foundation Trust (RWN) includes the data returns for South East Essex PCT, Bedfordshire PCT and West Essex PCT.
- Camden PCT (5K7) includes the data return for Central And North West London NHS Foundation Trust.
- Croydon PCT (5K9) includes the data return for Croydon Health Services NHS Trust.
- Lewisham PCT (5LF) includes the data return for Lewisham Healthcare NHS Trust.
- Sutton & Merton PCT (5M7) includes the data return for The Royal Marsden NHS Foundation Trust.
- The Whittington Hospital NHS Trust (RKE) includes the data returns for Islington PCT and Haringey Teaching PCT.
- Medway PCT (5L3) includes the data return for Medway NHS Foundation Trust.
- Hampshire PCT (5QC) includes the data returns for Hampshire Hospitals NHS Foundation Trust and Southern Health NHS Foundation Trust.
- Data for Plymouth Hospitals NHS Trust is included under both Devon PCT (5QQ) and Plymouth Teaching PCT (5F1) submissions.
- Devon PCT (5QQ) also includes the data returns for Plymouth Hospitals NHS Trust, Northern Devon Healthcare NHS Trust and South Devon Healthcare NHS Foundation Trust.
- Somerset PCT (5QL) includes the data returns for Somerset Partnership NHS Foundation Trust and Taunton And Somerset NHS Foundation Trust.

Appendix J – COVER Data Collection Form

PCT Name/Code:

2011/2012 - 5 REQUEST PARAMETERS FOR COVER DATA: ANNUAL REQUEST 01/04/11 to 31/03/12

Please note that the collection of these data has been mandated by the Secretary of State, through the Review of Central Returns (ROCR), to the HPA. Reference: ROCR/OR/0105/004MAND (ROCR aims to minimise the burden of data collection on the NHS). More details can be found at: <http://www.ic.nhs.uk/rocr>.

The ROCR team are keen to receive feedback on central data collections from the colleagues who complete/submit returns. In particular, around the length of data collections take to complete and any issues, suggested improvements or duplication of data collections. Feedback can be submitted to ROCR using an [online form](#).

The following groups of children are to be included as PCT responsible population for COVER data. Children for whom the PCT is responsible are:

- all children registered with a GP whose practice forms part of the PCT, regardless of where the child is resident, plus
- any children not registered with a GP, who are resident within the PCT's statutory geographical boundary

Note that children resident within the PCT geographical area, but registered with a GP belonging to another PCT, are the responsibility of that other PCT.

Request 1: 12 MONTH COHORT

1. Total number of children for whom the PCT is responsible on 31/03/12 reaching their 1st birthday during the above evaluation quarter.

2. Total number and percentage vaccinated (to one decimal place) included in line 1 completing a course* at any time up to their 1st birthday for each of the following:

DTaP/IPV/Hib	MenC	PCV
%	%	%

Request 2: 24 MONTH COHORT

3. Total number of children for whom the PCT is responsible on 31/03/12 reaching their 2nd birthday during the above evaluation quarter.

4. Total number and percentage vaccinated (to one decimal place) included in line 3 completing a course** at any time up to their 2nd birthday and also total number and percentage included in line 3 receiving boosters for each of the following:

DTaP/IPV/Hib	MMR	MenC infant	Hib/MenC** Booster	PCV** Booster
%	%	%	%	%

Request 3: 5 YEAR COHORT

5. Total number of children for whom the PCT is responsible on 30/06/12 reaching their 5th birthday during the above evaluation quarter.

6. Total number and percentage vaccinated (to one decimal place) included in line 5 completing a course*** at any time up to their 5th birthday and also total number and percentage included in line 5 receiving boosters for each of the following:

DT/Pol	Pertussis	Hib	MMR	MenC	PCV
Primary	Primary	Infant	1st dose	Infant	Infant
%	%	%	%	%	%

7. Total number included in line 5 and receiving boosters at any time before their fifth birthday against:

DTaP/IPV	Hib/MenC	MMR	PCV
Booster	Booster	2nd dose	Booster
%	%	%	%

PCT Name/Code:

HEPATITIS B - 12 MONTH COHORT

8. Total number included in line 1 with maternal HB status positive**** and reaching their first birthday during the above evaluation period (i.e. born between 01/04/10 - 31/03/11)

9. Total number included in line 8 receiving 3 doses of Hep B before their 1st birthday

HEPATITIS B - 24 MONTH COHORT

10. Total number included in line 3 with maternal HB status positive**** and reaching their second birthday during the above evaluation period (i.e. born between 01/04/09 - 31/03/10)

11. Total number included in line 10 receiving 4 doses of Hep B before their 2nd birthday

Footnotes:

Notes on definitions of COVER parameters:

In response to requests from several PCTs additional information for clarification only has been provided to help PCTs ensure their data extracts are as accurate as possible. This is not a request for additional data, which would require a DSCN

***at 12 months completed courses are defined as:**

DTaP/IPV/Hib is 3 doses before 1st birthday; if child received primary immunisations outside UK then 3 doses of each: DTP or DTaP, IPV or OPV, Hib before 1st birthday
MenC and PCV is 2 doses before 1st birthday (PCV can be either PCV7 or PCV13, given in any combination)

****at 24 months completed courses are defined as:**

DTaP/IPV/Hib is 3 doses before 2nd birthday; if child received primary immunisations outside UK then 3 doses of each: DTP or DTaP, IPV or OPV before 2nd birthday
MMR is 1 dose on or after 1st birthday and before 2nd birthday (i.e. excludes MMR given before 1st birthday)
MenC infant is 2 doses before 1st birthday
Hib/MenC booster is either (i) one dose of combined Hib/MenC vaccine on or after 12 months and before 2nd birthday
or (ii) 1 dose of DTaP/IPV/Hib and 1 dose of MenC, both given on or after 1st birthday and before 2nd birthday (i.e. children completing primary course after 1st birthday)
PCV booster is one dose on or after 12 months (irrespective of the number of doses before that age) and before 2nd birthday

*****at 5 years completed courses are defined as:**

DTaP/IPV/Hib is 3 doses before 5th birthday; if child received primary immunisations outside UK then 3 doses of each: DTP or DTaP, IPV or OPV before 5th birthday
MMR1 (1st dose) is 1 dose on or after 1st birthday and before 5th birthday (i.e. excludes MMR given before 1st birthday)
MenC infant (i) if born before 4th July 2006, 3 doses before 1st birthday
(ii) if born on or after 4th July 2006, at least 2 doses before 1st birthday
PCV is 2 doses before 1st birthday (PCV can be either PCV7 or PCV13, given in any combination)
DTaP/IPV booster is 4th dose of diphtheria/tetanus/pertussis/polio containing vaccine given from 3 years 4 months and before 5th birthday
Hib/MenC booster is either (i) one dose of combined Hib/MenC vaccine on or after 12 months and before 5th birthday
or (ii) 1 dose of DTaP/IPV/Hib and 1 dose of MenC, both given on or after 1st birthday and before 5th birthday (i.e. children completing primary course after 1st birthday)
MMR2 (2nd dose) is 2 doses from 1st birthday and before 5th birthday (i.e. excludes MMR given before 1st birthday)
PCV booster is one dose on or after 12 months (irrespective of the number of doses before that age) and before 5th birthday

**** maternal HB status positive: HBsAg+ve

Notes:

1. Although many child health systems do not have the capacity to produce statistics or even hold information on hepatitis B vaccines, this information is requested in the same format as the current COVER outputs. This is designed to ensure that collection of hepatitis B data is integrated into the routine collection and coverage data can be compared. It is hoped that this data will be generated from manual systems or from standalone databases managed by or on behalf of the PCT.
2. The format is based on the 0, 1, 2, 12 month schedules recommended in the HSC 1998. will be collected via Regions and can be used to validate the completeness of identification of children at risk in future cohorts.
3. The HSC recommended universal screening of pregnant women from April 2000. Data on antenatal prevalence will be collected via Regions and can be used to validate the completeness of identification of children at risk in future cohorts.
4. CfI have aimed only to collate information on completion of vaccination, although realises that first dose coverage and timeliness may be more important in the prevention of infection.

Return by 25th May 2012 to:

E-mail: COVER@hpa.org.uk / **Fax:** 020 8327 7404/or **post:**

COVER

Immunisation Department
Centre for Infections
Health Protection Agency
61 Colindale Avenue
LONDON NW9 5EQ

copies of this can also be found www.hpa.org.uk/infections/topics_az/cover/default.htm

Annex A – Hepatitis B – Experimental Statistics

These statistics, which are published for the second time in this year's in NHS Immunisation Statistics, England, are published as 'experimental statistics' as they are still undergoing evaluation.

Following the introduction of universal antenatal testing for hepatitis B (HepB) in April 2000, the Health Protection Agency (HPA) has been collecting coverage data on infants born to hepatitis B positive mothers at their first and second birthdays. Since April 2005, this data collection has been integrated into the routine COVER programme and has been a statutory requirement since 2006.

The data presented in Tables A1 and A2 represents reported coverage for three doses of hepatitis B vaccine in those infants born to HBsAg positive⁴⁴ mothers who reached the age of one year, and coverage of four doses of vaccine in infants who reached two years of age in the year (2011-12).

These data have been reported by the HPA in previous years and statistics for the last four years are available on the HPA website through the following link:

<http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/VaccineCoverageAndCOVER/>

Important Note on Data Quality

A large number of Trusts reported that they were unable to supply some or all of the data required on infants born to hepatitis B positive mothers. It would therefore be inadvisable to draw conclusions from these data and it should be noted that no national or regional data have been published. Further details of the numbers of Trusts unable to supply data are given below:

⁴⁴ HBsAG stands for hepatitis B surface antigen and is the surface antigen of the hepatitis B virus (HBV). It indicates current hepatitis B infection.

The data quality issues identified in 2011-12 returns include:

- For the 12 month cohort, data were not available for 34 Trusts.
- For the 24 month cohort, data were not available for 34 Trusts.
- For the 12 month cohort, 3 Trusts reported the number of children immunised but did not report the eligible population.
- For the 24 month cohort, 3 Trusts reported the number of children immunised but did not report the eligible population.

It is hoped that Trusts that have been unable to submit data for 2011-12 are encouraged to review their systems for obtaining these data and take the necessary actions to ensure that they are able to submit data in future years.

A key part of the “Experimental statistics” label is user engagement in the evaluation of those statistics. The HSCIC invites readers to comment on the Hepatitis B statistics, which will help inform the next report. Comments may be sent to enquires@ic.nhs.uk.

Table A1: Experimental Statistics - Percentage of children immunised for Hepatitis B by their 1st birthday, by Primary Care Trust 2011-12

See *Important Note on Data Quality* below

Trust Codes	ONS Code	Eligible population ⁽¹⁾	Number of children immunised ⁽²⁾	Coverage (%)	Data type
					Full data submitted
					Number immunised only submitted
					Data not available
England					
Q30	North East	E18000001			
5ND	County Durham PCT	E16000085	-	21	- Number immunised only submitted
5J9	Darlington PCT	E16000041	-	15	- Number immunised only submitted
5KF	Gateshead PCT	E16000050	-	-	- Data not available
5D9	Hartlepool PCT	E16000019	-	-	- Data not available
5KM	Middlesbrough PCT	E16000053	-	-	- Data not available
5D7	Newcastle PCT	E16000017	18	18	100.0 Full data submitted
5D8	North Tyneside PCT	E16000018	*	*	* Full data submitted
TAC	Northumberland Care Trust PCT	E17000001	3	3	100.0 Full data submitted
5QR	Redcar & Cleveland PCT	E16000146	-	-	- Data not available
5KG	South Tyneside PCT	E16000051	0	0	- Full data submitted
5E1	Stockton-on-Tees Teaching PCT	E16000020	-	-	- Data not available
5KL	Sunderland Teaching PCT	E16000052	5	5	100.0 Full data submitted
Q31	North West	E18000002			
5HG	Ashton, Leigh & Wigan PCT	E16000032	*	*	* Full data submitted
TAP	Blackburn with Darwen PCT	E17000006	3	2	66.7 Full data submitted
5HP	Blackpool PCT	E16000033	-	-	- Data not available
5HQ	Bolton PCT	E16000034	16	9	56.3 Full data submitted
5JX	Bury PCT	E16000043	0	0	- Full data submitted
5NP	Central & Eastern Cheshire PCT	E16000095	*	*	* Full data submitted
5NG	Central Lancashire PCT	E16000088	6	6	100.0 Full data submitted
5NE	Cumbria PCT	E16000086	-	-	- Data not available
5NH	East Lancashire PCT	E16000089	5	4	80.0 Full data submitted
5NM	Halton & St Helens PCT	E16000093	0	0	- Full data submitted
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	-	-	- Data not available
5J4	Knowsley PCT	E16000038	*	*	* Full data submitted
5NL	Liverpool PCT	E16000092	9	9	100.0 Full data submitted
5NT	Manchester PCT	E16000098	76	66	86.8 Full data submitted
5NF	North Lancashire PCT	E16000087	4	4	100.0 Full data submitted
5J5	Oldham PCT	E16000039	54	35	64.8 Full data submitted
5F5	Salford PCT	E16000025	21	20	95.2 Full data submitted
5NJ	Sefton PCT	E16000090	6	2	33.3 Full data submitted
5F7	Stockport PCT	E16000026	3	3	100.0 Full data submitted
5LH	Tameside & Glossop PCT	E16000062	28	20	71.4 Full data submitted
5NR	Trafford PCT	E16000097	7	6	85.7 Full data submitted
5J2	Warrington PCT	E16000037	0	0	- Full data submitted
5NN	Western Cheshire PCT	E16000094	-	-	- Data not available
5NK	Wirral PCT	E16000091	4	4	100.0 Full data submitted
Q32	Yorkshire & the Humber	E18000003			
5JE	Barnsley PCT	E16000042	*	*	* Full data submitted
5NY	Bradford & Airedale PCT	E16000102	32	32	100.0 Full data submitted
5J6	Calderdale PCT	E16000040	6	6	100.0 Full data submitted
5N5	Doncaster PCT	E16000078	9	9	100.0 Full data submitted
5NW	East Riding of Yorkshire PCT	E16000100	-	-	- Data not available
5NX	Hull PCT	E16000101	-	-	- Data not available
5N2	Kirklees PCT	E16000075	16	16	100.0 Full data submitted
5N1	Leeds PCT	E16000074	39	39	100.0 Full data submitted
TAN	North East Lincolnshire	E17000005	0	0	- Full data submitted
5EF	North Lincolnshire PCT	E16000021	-	-	- Data not available
5NV	North Yorkshire & York PCT	E16000099	8	8	100.0 Full data submitted
5H8	Rotherham PCT	E16000031	-	-	- Data not available
5N4	Sheffield PCT	E16000077	22	2	9.1 Full data submitted
5N3	Wakefield District PCT	E16000076	5	5	100.0 Full data submitted
Q33	East Midlands	E18000004			
5ET	Bassetlaw PCT	E16000023	-	-	- Data not available
5N7	Derby City PCT	E16000080	15	15	100.0 Full data submitted
5N6	Derbyshire County PCT	E16000079	*	*	* Full data submitted
5PC	Leicester City PCT	E16000113	-	-	- Data not available
5PA	Leicestershire County & Rutland PCT	E16000112	-	-	- Data not available
5N9	Lincolnshire PCT	E16000082	92	39	42.4 Full data submitted
5PD	Northamptonshire PCT	E16000114	34	30	88.2 Full data submitted
5EM	Nottingham City PCT	E16000022	18	15	83.3 Full data submitted
5N8	Nottinghamshire County PCT	E16000081	10	10	100.0 Full data submitted
Q34	West Midlands	E18000005			
5PG	Birmingham East & North PCT	E16000117	52	33	63.5 Full data submitted
5MD	Coventry Teaching PCT	E16000070	23	23	100.0 Full data submitted
5PE	Dudley PCT	E16000115	4	4	100.0 Full data submitted
5MX	Heart of Birmingham Teaching PCT	E16000073	71	30	42.3 Full data submitted
5CN	Herefordshire PCT	E16000015	0	0	- Full data submitted
5PH	North Staffordshire PCT	E16000118	0	0	- Full data submitted

Table A1: Experimental Statistics - Percentage of children immunised for Hepatitis B by their 1st birthday, by Primary Care Trust 2011-12

See *Important Note on Data Quality* below

Trust Codes	ONS Code	Eligible population ⁽¹⁾	Number of children immunised ⁽²⁾	Coverage (%)	Data type
					Full data submitted
					Number immunised only submitted
					Data not available
England					
5PF	Sandwell PCT	E16000116	20	19	95.0 Full data submitted
5M2	Shropshire County PCT	E16000065	6	5	83.3 Full data submitted
5QW	Solihull PCT ⁽³⁾	E17000004	-	-	- Data not available
5M1	South Birmingham PCT	E16000064	8	*	* Full data submitted
5PK	South Staffordshire PCT	E16000120	10	9	90.0 Full data submitted
5PJ	Stoke on Trent PCT	E16000119	17	17	100.0 Full data submitted
5MK	Telford & Wrekin PCT	E16000071	6	5	83.3 Full data submitted
5M3	Walsall Teaching PCT	E16000066	7	6	85.7 Full data submitted
5PM	Warwickshire PCT	E16000122	10	10	100.0 Full data submitted
5MV	Wolverhampton City PCT	E16000072	19	19	100.0 Full data submitted
5PL	Worcestershire PCT	E16000121	-	-	- Data not available
Q35 East of England					
E18000006					
5P2	Bedfordshire PCT	E16000104	17	16	94.1 Full data submitted
5PR	Cambridgeshire PCT	E16000124	*	*	* Full data submitted
5PP	Great Yarmouth & Waveney PCT	E16000126	4	4	100.0 Full data submitted
5QV	Hertfordshire PCT	E16000150	25	25	100.0 Full data submitted
5GC	Luton PCT	E16000029	28	13	46.4 Full data submitted
5PX	Mid Essex PCT	E16000130	-	-	- Data not available
5PQ	Norfolk PCT	E16000125	17	16	94.1 Full data submitted
5PW	North East Essex PCT	E16000129	-	-	- Data not available
5PN	Peterborough PCT	E16000123	9	9	100.0 Full data submitted
5P1	South East Essex PCT	E16000103	*	*	* Full data submitted
5PY	South West Essex PCT	E16000131	17	17	100.0 Full data submitted
5PT	Suffolk PCT	E16000127	6	6	100.0 Full data submitted
5PV	West Essex PCT	E16000128	7	7	100.0 Full data submitted
Q36 London					
E18000007					
5C2	Barking & Dagenham PCT	E16000009	25	23	92.0 Full data submitted
5A9	Barnet PCT	E16000006	3	3	100.0 Full data submitted
TAK	Bexley Care Trust PCT	E17000002	21	21	100.0 Full data submitted
5K5	Brent Teaching PCT	E16000045	237	172	72.6 Full data submitted
5A7	Bromley PCT	E16000004	10	10	100.0 Full data submitted
5K7	Camden PCT	E16000047	-	-	- Data not available
5C3	City & Hackney Teaching PCT	E16000010	-	-	- Data not available
5K9	Croydon PCT	E16000049	56	56	100.0 Full data submitted
5HX	Ealing PCT	E16000035	24	22	91.7 Full data submitted
5C1	Enfield PCT	E16000008	18	13	72.2 Full data submitted
5A8	Greenwich Teaching PCT	E16000005	72	69	95.8 Full data submitted
5H1	Hammersmith & Fulham PCT	E16000030	3	2	66.7 Full data submitted
5C9	Haringey Teaching PCT	E16000013	77	73	94.8 Full data submitted
5K6	Harrow PCT	E16000046	-	-	- Data not available
5A4	Havering PCT	E16000002	9	4	44.4 Full data submitted
5AT	Hillingdon PCT	E16000007	22	20	91.0 Full data submitted
5HY	Hounslow PCT	E16000036	8	5	62.5 Full data submitted
5K8	Islington PCT	E16000048	71	47	66.2 Full data submitted
5LA	Kensington & Chelsea PCT	E16000056	-	-	- Data not available
5A5	Kingston PCT	E16000003	18	9	50.0 Full data submitted
5LD	Lambeth PCT	E16000058	13	13	100.0 Full data submitted
5LF	Lewisham PCT	E16000060	61	61	100.0 Full data submitted
5C5	Newham PCT	E16000012	37	37	100.0 Full data submitted
5NA	Redbridge PCT	E16000083	9	3	33.3 Full data submitted
5M6	Richmond & Twickenham PCT	E16000067	5	4	80.0 Full data submitted
5LE	Southwark PCT	E16000059	38	37	97.4 Full data submitted
5M7	Sutton & Merton PCT	E16000068	13	11	84.6 Full data submitted
5C4	Tower Hamlets PCT	E16000011	43	43	100.0 Full data submitted
5NC	Waltham Forest PCT	E16000084	55	55	100.0 Full data submitted
5LG	Wandsworth PCT	E16000061	28	27	96.4 Full data submitted
5LC	Westminster PCT	E16000057	-	-	- Data not available
Q37 South East Coast					
E18000008					
5LQ	Brighton & Hove City PCT	E16000063	-	-	- Data not available
5P7	East Sussex Downs & Weald PCT	E16000109	-	-	- Data not available
5QA	Eastern & Coastal Kent PCT	E16000132	20	14	70.0 Full data submitted
5P8	Hastings & Rother PCT	E16000110	-	-	- Data not available
5L3	Medway PCT	E16000055	21	18	85.7 Full data submitted
5P5	Surrey PCT	E16000107	3	3	100.0 Full data submitted
5P6	Sussex Community NHS Trust	E16000108	-	-	- Data not available
5P9	West Kent PCT	E16000111	23	21	91.3 Full data submitted
Q38 South Central					
E18000009					
5QG	Berkshire East PCT	E16000137	33	32	97.0 Full data submitted
5QF	Berkshire West PCT	E16000136	24	24	100.0 Full data submitted

Table A1: Experimental Statistics - Percentage of children immunised for Hepatitis B by their 1st birthday, by Primary Care Trust 2011-12

See *Important Note on Data Quality* below

Trust Codes	ONS Code	Eligible population ⁽¹⁾	Number of children immunised ⁽²⁾	Coverage (%)	Data type
England					
5QD	Buckinghamshire PCT	E16000134	9	9	100.0 Full data submitted
5QC	Hampshire PCT	E16000133	-	83	- Number immunised only submitted
5QT	Isle of Wight Healthcare PCT	E16000147	-	-	- Data not available
5CQ	Milton Keynes PCT	E16000016	20	20	100.0 Full data submitted
5QE	Oxfordshire PCT	E16000135	20	20	100.0 Full data submitted
5FE	Portsmouth City Teaching PCT	E16000027	5	4	100.0 Full data submitted
5L1	Southampton City PCT	E16000054	11	11	100.0 Full data submitted
Q39 South West					
5FL	Bath & North East Somerset PCT	E16000028	5	5	100.0 Full data submitted
5QN	Bournemouth & Poole PCT	E16000143	-	-	- Data not available
5QJ	Bristol PCT	E16000139	*	*	* Full data submitted
5QP	Cornwall & Isles of Scilly PCT	E16000144	-	-	- Data not available
5QQ	Devon PCT	E16000145	*	*	* Full data submitted
5QM	Dorset PCT	E16000142	-	-	- Data not available
5QH	Gloucestershire PCT	E16000138	6	5	83.3 Full data submitted
5M8	North Somerset PCT	E16000069	0	0	- Full data submitted
5F1	Plymouth Teaching PCT	E16000024	21	18	85.7 Full data submitted
5QL	Somerset PCT	E16000141	*	*	* Full data submitted
5A3	South Gloucestershire PCT	E16000001	0	0	- Full data submitted
5K3	Swindon PCT	E16000044	8	8	100.0 Full data submitted
TAL	Torbay Care Trust	E17000003	-	-	- Data not available
5QK	Wiltshire PCT	E16000140	6	6	100.0 Full data submitted

- Data not available

* Some figures in the above table have been suppressed due to potential disclosure issues associated with small numbers.

⁽¹⁾ Total number of children reaching their first birthday during the specified evaluation period with maternal Hep B positive status.

⁽²⁾ Total number of children from ⁽¹⁾ receiving 3 doses of Hep B before their 1st birthday.

⁽³⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

Important Note on Data Quality

These statistics are published as 'experimental statistics' as they are undergoing evaluation. The figures presented have been reported by Trusts through the COVER programme. A large number of Trusts reported that they were unable to supply some or all of the data required on infants born to hepatitis B positive mothers. (see Annex A of NHS Immunisation Statistics, England, 2011-12 for more information). It would therefore be inadvisable to draw conclusions from these data and it should be noted that no regional or national coverage figures have been published. It is hoped that Trusts that have been unable to submit data for 2011-12 are encouraged to review their systems for obtaining these data and take the necessary actions to ensure that they are able to submit data in future years.

Source: COVER

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Table A2: Experimental Statistics - Percentage of children immunised for Hepatitis B by their 2nd birthday, by Primary Care Trust 2011-12

See **Important Note on Data Quality** below

			<table border="1" style="display: inline-table; margin-right: 10px;"> <tr><td style="background-color: #c6efce;">Full data submitted</td></tr> <tr><td style="background-color: #fce4d6;">Number immunised only submitted</td></tr> <tr><td style="background-color: #ffcdd2;">Data not available</td></tr> </table>			Full data submitted	Number immunised only submitted	Data not available			
Full data submitted											
Number immunised only submitted											
Data not available											
Trust Codes	ONS Code	Eligible population ⁽¹⁾	Number of children immunised ⁽²⁾	Coverage (%)	Data type						
England											
Q30	North East	E18000001									
5ND	County Durham PCT	E16000085	-	14	- Number immunised only submitted						
5J9	Darlington PCT	E16000041	-	3	- Number immunised only submitted						
5KF	Gateshead PCT	E16000050	-	-	- Data not available						
5D9	Hartlepool PCT	E16000019	-	-	- Data not available						
5KM	Middlesbrough PCT	E16000053	-	-	- Data not available						
5D7	Newcastle PCT	E16000017	16	12	75.0 Full data submitted						
5D8	North Tyneside PCT	E16000018	0	0	- Full data submitted						
TAC	Northumberland Care Trust PCT	E17000001	*	*	* Full data submitted						
5QR	Redcar & Cleveland PCT	E16000146	-	-	- Data not available						
5KG	South Tyneside PCT	E16000051	0	0	- Full data submitted						
5E1	Stockton-on-Tees Teaching PCT	E16000020	-	-	- Data not available						
5KL	Sunderland Teaching PCT	E16000052	*	*	* Full data submitted						
Q31	North West	E18000002									
5HG	Ashton, Leigh & Wigan PCT	E16000032	5	3	60.0 Full data submitted						
TAP	Blackburn and Darwen Teaching PCT Plus	E17000006	11	4	36.4 Full data submitted						
5HP	Blackpool PCT	E16000033	-	-	- Data not available						
5HQ	Bolton PCT	E16000034	29	8	27.6 Full data submitted						
5JX	Bury PCT	E16000043	0	0	- Full data submitted						
5NP	Central & Eastern Cheshire PCT	E16000095	5	5	100.0 Full data submitted						
5NG	Central Lancashire PCT	E16000088	12	12	100.0 Full data submitted						
5NE	Cumbria PCT	E16000086	-	-	- Data not available						
5NH	East Lancashire PCT	E16000089	7	*	* Full data submitted						
5NM	Halton & St Helens PCT	E16000093	6	*	* Full data submitted						
5NQ	Heywood, Middleton & Rochdale PCT	E16000096	*	*	* Full data submitted						
5J4	Knowsley PCT	E16000038	0	0	- Full data submitted						
5NL	Liverpool PCT	E16000092	16	16	100.0 Full data submitted						
5NT	Manchester PCT	E16000098	47	38	80.9 Full data submitted						
5NF	North Lancashire PCT	E16000087	0	0	- Full data submitted						
5J5	Oldham PCT	E16000039	60	28	46.7 Full data submitted						
5F5	Salford PCT	E16000025	20	18	90.0 Full data submitted						
5NJ	Sefton PCT	E16000090	3	3	100.0 Full data submitted						
5F7	Stockport PCT	E16000026	-	-	- Data not available						
5LH	Tameside & Glossop PCT	E16000062	38	12	31.6 Full data submitted						
5NR	Trafford PCT	E16000097	14	6	42.9 Full data submitted						
5J2	Warrington PCT	E16000037	0	0	- Full data submitted						
5NN	Western Cheshire PCT	E16000094	-	-	- Data not available						
5NK	Wirral PCT	E16000091	*	*	* Full data submitted						
Q32	Yorkshire & the Humber	E18000003									
5JE	Barnsley PCT	E16000042	0	0	- Full data submitted						
5NY	Bradford & Airedale PCT	E16000102	38	38	100.0 Full data submitted						
5J6	Calderdale PCT	E16000040	*	*	* Full data submitted						
5N5	Doncaster PCT	E16000078	6	6	100.0 Full data submitted						
5NW	East Riding of Yorkshire PCT	E16000100	-	-	- Data not available						
5NX	Hull PCT	E16000101	-	-	- Data not available						
5N2	Kirklees PCT	E16000075	29	27	93.1 Full data submitted						
5N1	Leeds PCT	E16000074	37	31	83.8 Full data submitted						
TAN	North East Lincolnshire	E17000005	*	*	* Full data submitted						
5EF	North Lincolnshire PCT	E16000021	-	-	- Data not available						
5NV	North Yorkshire & York PCT	E16000099	*	*	* Full data submitted						
5H8	Rotherham PCT	E16000031	-	-	- Data not available						
5N4	Sheffield PCT	E16000077	27	7	25.9 Full data submitted						
5N3	Wakefield District PCT	E16000076	12	12	100.0 Full data submitted						
Q33	East Midlands	E18000004									
5ET	Bassetlaw PCT	E16000023	-	-	- Data not available						
5N7	Derby City PCT	E16000080	20	16	80.0 Full data submitted						
5N6	Derbyshire County PCT	E16000079	*	*	* Full data submitted						
5PC	Leicester City PCT	E16000113	-	-	- Data not available						
5PA	Leicestershire County & Rutland PCT	E16000112	-	-	- Data not available						
5N9	Lincolnshire PCT	E16000082	78	2	2.6 Full data submitted						
5PD	Northamptonshire PCT	E16000114	87	8	9.2 Full data submitted						
5EM	Nottingham City PCT	E16000022	18	18	100.0 Full data submitted						
5N8	Nottinghamshire County PCT	E16000081	8	7	87.5 Full data submitted						
Q34	West Midlands	E18000005									
5PG	Birmingham East & North PCT	E16000117	48	19	39.6 Full data submitted						
5MD	Coventry Teaching PCT	E16000070	26	26	100.0 Full data submitted						
5PE	Dudley PCT	E16000115	6	6	100.0 Full data submitted						

Table A2: Experimental Statistics - Percentage of children immunised for Hepatitis B by their 2nd birthday, by Primary Care Trust 2011-12

 See *Important Note on Data Quality* below

Trust Codes	ONS Code	Eligible population ⁽¹⁾	Number of children immunised ⁽²⁾	Coverage (%)			
					Full data submitted	Data type	
						Number immunised only submitted	
						Data not available	
England							
5MX	Heart of Birmingham Teaching PCT	E16000073	41	13	31.7	Full data submitted	
5CN	Herefordshire PCT	E16000015	*	*	*	Full data submitted	
5PH	North Staffordshire PCT	E16000118	3	2	66.7	Full data submitted	
5PF	Sandwell PCT	E16000116	14	13	92.9	Full data submitted	
5M2	Shropshire County PCT	E16000065	16	*	*	Full data submitted	
5QW	Solihull PCT ⁽³⁾	E17000004	-	-	-	Data not available	
5M1	South Birmingham PCT	E16000064	20	4	20.0	Full data submitted	
5PK	South Staffordshire PCT	E16000120	3	2	66.7	Full data submitted	
5PJ	Stoke on Trent PCT	E16000119	11	11	100.0	Full data submitted	
5MK	Telford & Wrekin PCT	E16000071	16	*	*	Full data submitted	
5M3	Walsall Teaching PCT	E16000066	9	9	100.0	Full data submitted	
5PM	Warwickshire PCT	E16000122	6	5	83.3	Full data submitted	
5MV	Wolverhampton City PCT	E16000072	4	3	75.0	Full data submitted	
5PL	Worcestershire PCT	E16000121	-	-	-	Data not available	
Q35	East of England	E18000006					
5P2	Bedfordshire PCT	E16000104	29	27	93.1	Full data submitted	
5PP	Cambridgeshire PCT	E16000124	*	*	*	Full data submitted	
5PR	Great Yarmouth & Waveney PCT	E16000126	4	4	100.0	Full data submitted	
5QV	Hertfordshire PCT	E16000150	18	18	100.0	Full data submitted	
5GC	Luton PCT	E16000029	25	14	56.0	Full data submitted	
5PX	Mid Essex PCT	E16000130	*	*	*	Full data submitted	
5PQ	Norfolk PCT	E16000125	10	9	90.0	Full data submitted	
5PW	North East Essex PCT	E16000129	-	-	-	Data not available	
5PN	Peterborough PCT	E16000123	14	9	64.3	Full data submitted	
5P1	South East Essex PCT	E16000103	*	*	*	Full data submitted	
5PY	South West Essex PCT	E16000131	21	20	95.2	Full data submitted	
5PT	Suffolk PCT	E16000127	9	7	77.8	Full data submitted	
5PV	West Essex PCT	E16000128	7	6	85.7	Full data submitted	
Q36	London	E18000007					
5C2	Barking & Dagenham PCT	E16000009	10	*	*	Full data submitted	
5A9	Barnet PCT	E16000006	0	0	-	Full data submitted	
TAK	Bexley Care Trust PCT	E17000002	12	11	91.7	Full data submitted	
5K5	Brent Teaching PCT	E16000045	336	68	20.2	Full data submitted	
5A7	Bromley PCT	E16000004	16	12	75.0	Full data submitted	
5K7	Camden PCT	E16000047	-	-	-	Data not available	
5C3	City & Hackney Teaching PCT	E16000010	-	-	-	Data not available	
5K9	Croydon PCT	E16000049	36	36	100.0	Full data submitted	
5HX	Ealing PCT	E16000035	25	17	68.0	Full data submitted	
5C1	Enfield PCT	E16000008	10	9	90.0	Full data submitted	
5A8	Greenwich Teaching PCT	E16000005	47	35	74.5	Full data submitted	
5H1	Hammersmith & Fulham PCT	E16000030	10	6	60.0	Full data submitted	
5C9	Haringey Teaching PCT	E16000013	-	-	-	Data not available	
5K6	Harrow PCT	E16000046	-	-	-	Data not available	
5A4	Havering PCT	E16000002	4	3	75.0	Full data submitted	
5AT	Hillingdon PCT	E16000007	35	25	71.0	Full data submitted	
5HY	Hounslow PCT	E16000036	6	*	*	Full data submitted	
5K8	Islington PCT	E16000048	13	13	100.0	Full data submitted	
5LA	Kensington & Chelsea PCT	E16000056	-	-	-	Data not available	
5A5	Kingston PCT	E16000003	6	2	33.3	Full data submitted	
5LD	Lambeth PCT	E16000058	31	31	100.0	Full data submitted	
5LF	Lewisham PCT	E16000060	53	52	98.1	Full data submitted	
5C5	Newham PCT	E16000012	16	14	87.5	Full data submitted	
5NA	Redbridge PCT	E16000083	6	*	*	Full data submitted	
5M6	Richmond & Twickenham PCT	E16000067	10	2	20.0	Full data submitted	
5LE	Southwark PCT	E16000059	49	42	85.7	Full data submitted	
5M7	Sutton & Merton PCT	E16000068	11	10	90.9	Full data submitted	
5C4	Tower Hamlets PCT	E16000011	33	30	90.9	Full data submitted	
5NC	Waltham Forest PCT	E16000084	43	39	90.7	Full data submitted	
5LG	Wandsworth PCT	E16000061	23	23	100.0	Full data submitted	
5LC	Westminster PCT	E16000057	-	-	-	Data not available	
Q37	South East Coast	E18000008					
5LQ	Brighton & Hove City PCT	E16000063	-	-	-	Data not available	
5P7	East Sussex Downs & Weald PCT	E16000109	-	-	-	Data not available	
5QA	Eastern & Coastal Kent PCT	E16000132	28	14	50.0	Full data submitted	
5P8	Hastings & Rother PCT	E16000110	-	-	-	Data not available	
5L3	Medway PCT	E16000055	13	9	69.2	Full data submitted	

Table A2: Experimental Statistics - Percentage of children immunised for Hepatitis B by their 2nd birthday, by Primary Care Trust 2011-12

See *Important Note on Data Quality* below

Trust Codes	ONS Code	Eligible population ⁽¹⁾	Number of children immunised ⁽²⁾	Coverage (%)	Data type
<div style="display: flex; justify-content: space-between; margin-bottom: 0;"> Full data submitted </div> <div style="display: flex; justify-content: space-between; margin-bottom: 0;"> Number immunised only submitted </div> <div style="display: flex; justify-content: space-between; margin-bottom: 0;"> Data not available </div>					
England					
5P5	Surrey PCT	E16000107	*	*	* Full data submitted
5P6	Sussex Community NHS Trust	E16000108	-	-	- Data not available
5P9	West Kent PCT	E16000111	26	13	50.0 Full data submitted
Q38	South Central	E18000009			
5QG	Berkshire East PCT	E16000137	24	19	79.2 Full data submitted
5QF	Berkshire West PCT	E16000136	35	26	74.3 Full data submitted
5QD	Buckinghamshire PCT	E16000134	8	8	100.0 Full data submitted
5QC	Hampshire PCT	E16000133	-	0	- Number immunised only submitted
5QT	Isle of Wight Healthcare PCT	E16000147	-	-	- Data not available
5CQ	Milton Keynes PCT	E16000016	16	16	100.0 Full data submitted
5QE	Oxfordshire PCT	E16000135	15	15	100.0 Full data submitted
5FE	Portsmouth City Teaching PCT	E16000027	0	0	- Full data submitted
5L1	Southampton City PCT	E16000054	10	8	80.0 Full data submitted
Q39	South West	E18000010			
5FL	Bath & North East Somerset PCT	E16000028	0	0	- Full data submitted
5QN	Bournemouth & Poole PCT	E16000143	-	-	- Data not available
5QJ	Bristol PCT	E16000139	11	*	* Full data submitted
5QP	Cornwall & Isles of Scilly PCT	E16000144	-	-	- Data not available
5QQ	Devon PCT	E16000145	3	*	* Full data submitted
5QM	Dorset PCT	E16000142	-	-	- Data not available
5QH	Gloucestershire PCT	E16000138	6	*	* Full data submitted
5M8	North Somerset PCT	E16000069	*	*	* Full data submitted
5F1	Plymouth Teaching PCT	E16000024	50	16	32.0 Full data submitted
5QL	Somerset PCT	E16000141	*	*	* Full data submitted
5A3	South Gloucestershire PCT	E16000001	0	0	- Full data submitted
5K3	Swindon PCT	E16000044	9	9	100.0 Full data submitted
TAL	Torbay Care Trust	E17000003	-	-	- Data not available
5QK	Wiltshire PCT	E16000140	3	2	66.7 Full data submitted

- Data not available

* Some figures in the above table have been suppressed due to potential disclosure issues associated with small numbers.

⁽¹⁾ Total number of children reaching their second birthday during the specified evaluation period with maternal Hep B positive status.

⁽²⁾ Total number of children from ⁽¹⁾ receiving 4 doses of Hep B before their 2nd birthday.

⁽³⁾ On 15th April 2011, TAM - Solihull Care Trust became 5QW - Solihull PCT.

Important Note on Data Quality

These statistics are published as 'experimental statistics' as they are undergoing evaluation. The figures presented have been reported by Trusts through the COVER programme. A large number of Trusts reported that they were unable to supply some or all of the data required on infants born to hepatitis B positive mothers. (see Annex A of NHS Immunisation Statistics, England, 2011-12 for more information). It would therefore be inadvisable to draw conclusions from these data and it should be noted that no regional or national coverage figures have been published. It is hoped that Trusts that have been unable to submit data for 2011-12 are encouraged to review their systems for obtaining these data and take the necessary actions to ensure that they are able to submit data in future years.

Source: COVER

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