



Childhood Vaccination Coverage Statistics

CSV Guidance for 2018-19

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Information and technology
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Introduction

This document has been produced to provide guidance for the comma separated values (CSV) files that accompany the Childhood Vaccination Coverage Statistics 2018-19 publication; available at the link below:

<http://digital.nhs.uk/pubs/childvaccstats1819>

CSV files are simply tabulated data expressed in plain text, which are ideal for computer applications due to the lack of formatting.

NHS Digital is committed to releasing CSV files with its publications to support its compliance with the Open Data strategy¹.

CSV Content

The CSV files are provided as flat, machine-readable files which can be loaded into many different types of analytical software to permit further analysis.

The data content of the files still replicates the Excel tables but they are now supplied in a format which does not require any manipulation by the end user, who may wish to upload them into analytical tools.

The 2018-19 Childhood Vaccinations data (as in previous years) is not record level data. It has already been pre-aggregated into national, regional, Upper Tier Local Authority (LA) and NHS Local Team (LT) levels.

Interpreting the tables

The Excel data tables with the publication contain a number of footnotes. The information in these footnotes *is not* captured within the CSVs so users are advised to read these prior to conducting any analysis. In most tables, data reported for Hackney, Leicestershire and Cornwall has been combined with data for City of London, Rutland and Isles of Scilly respectively. The exceptions are in tables 11a, 11b, and 11c where Hackney has been combined with City of London, but Leicestershire, Rutland, Cornwall and Isles of Scilly are listed separately.

Due to the way the data tables are structured, it has not been possible to produce a single CSV file. This is mainly due to the different types of presentation of each table. Each file and the headings within it are listed separately in this document.

Not all data within tables have been replicated as a CSV. Where duplication exists (for example, between some of the geographic variation tables) data is only produced once. All data found in the Excel tables are either replicated exactly or can be derived with minimal calculation.

¹ https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/330382/bis-14-946-open-data-strategy-2014-2016.pdf

Table 1: Explanation of missing values

Throughout the CSV tables a coding structure is in place to replace values which are not presented. There are different reasons why data are not presented, these reasons and the codes used in their place are given in the table below.

Reason for missing value	Code Used in Excel Tables	Code used in CSV table
Data not available	:	-1
Data suppressed	*	-2

Table 2: CSV Files and content

Column Heading	Description
Child_Age	Age at which vaccination status of child is measured (COVER data)
Child_Age_RiskGroup	Age and risk status group of child registered for seasonal flu vaccination
CollectionYearRange	Year of data collection
Data_Status	Describes whether full data or not was submitted for HepB data. Used in CSV files for Tables 11b and 11c only.
Indicator	Description of the number/percentage given in Value column including the vaccination type
Org_Code	Code of organisation in table. For ease of reference 'England' values are coded as 'ENG' and regional values have the same code in the Org_Code and Parent_Org_Code fields.
Org_Name	Name of organisation in table. For ease of reference 'England' and regional values have the same name in the Org_Name and Parent_Org_Name fields.
Org_ONS_Code	ONS code of organisation in table. For ease of reference 'England' values are coded as 'ENG' and regional values have the same code in the Org_ONS_Code and Parent_Org_ONS_Code fields.
Parent_Org_Code	Code of Org_Code's parent organisation (England/Region) For ease of reference 'England' values are coded as 'ENG' and regional values have the same code in the Org_ONS_Code and Parent_Org_ONS_Code fields.
Parent_Org_Name	Name of Org_Name's parent organisation (England/Region) For ease of reference 'England' and regional values have the same name in the Org_Name and Parent_Org_Name fields.
Parent_Org_ONS_Code	ONS code of Org_ONS_Code's parent organisation (England/Region)

Column Heading	Description
	For ease of reference 'England' values are coded as 'ENG' and regional values have the same code in the Org_ONS_Code and Parent_Org_ONS_Code fields.
Programme_Type	Used in CSV file for Table 11a only. Indicates whether the organisation represented by the row of data held a selective or universal BCG programme in the collection year.
Table_Ref	Reference to published Excel table
Unit	Description of the value in 'Value' column (Number or %)
Value	The number relating to the Unit and Indicator fields (Number/%)

Feedback

We welcome any feedback you may have on the data itself and this guidance document.

Comments can be given at the following email address: enquiries@nhsdigital.nhs.uk

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