

DSC Notice: 14/04 (W)
English DSCN Equivalent: 57/2002 & 01/2003
Date of Issue: October 2004

IRSS Information Requirements and Standards Sub Committee	Subject: Data Standards - Childhood Immunisation Data Collected through COVER
	Implementation date: December 2003 – this is a retrospective DSCN

DATA SET CHANGE CONTROL PROCEDURE

This DSCN gives notification of changes to be included in Version 2.5 of the NHS Wales Data Dictionary.

Summary of change:

Introduction of the COVER return to the NHS Wales Data Dictionary.

This document covers the following English DSCNs:-

57/2002 – Immunisation Information for the COVER Central Return

01/2003 – Childhood Immunisation Data Collected through COVER by the CDSC

Change Proposal Reference No: IRSS 20040304/02

The Information Requirements and Standards Sub Committee (IRSS), is responsible for approving information standards.

Please address enquiry's about this DSCN to Jennifer Evans, Data Standards and Information Quality Team, HSW, Brunel House, 2 Fitzalan Road, Cardiff CF24 0HA Tel: 029 20502539 or E-Mail jennifer.evans@hsw.wales.nhs.uk

Data Set Change Notices are available via the Intranet Service HOWIS <http://howis.wales.nhs.uk/> or by contacting the above address.

DSCN numbering format = sequence number/year of issue, (W) for Welsh DSCN's.

DATA SET CHANGE NOTICE 14/04 (W)

Reference:	<i>IRSS 20040304/02</i>
Subject:	Data Standards - Childhood Immunisation Data Collected through COVER
Reason for Change:	To include the COVER return in the NHS Wales Data Dictionary
Effective Date:	Latest COVER return in operation since December 2003

Background:

Information about the uptake of immunisation among children aged one and two years was originally collected on the return KC51. Similar information was also collected by the Communicable Disease Surveillance Centre (CDSC) (part of the Public Health Laboratory Service) through their immunisation uptake surveillance system known as COVER (Cover Of Vaccination Evaluated Rapidly).

Following a review the KC51 return was abolished because of the duplication of information, and the Department of Health commissioned the CDSC to provide childhood immunisation information through COVER only.

The objectives of this DSCN will therefore be :-

1. To reflect the change in information required through COVER and to bring information requirements up to date with current national vaccination schedule.
 - Rubella vaccination is no longer given to adolescent girls, but given via the MMR vaccine, so **Rubella Immunisation Target** is no longer relevant.
 - An indication of whether an immunisation primary or booster course is completed can be derived from the **Immunisation Completion Date** , being recorded so **Immunisation Status Indicator** was not required.
 - Immunisation Programmes are likely to change as new vaccines are developed, different numbers of primary doses and booster doses are given and outbreaks of disease occur or reduce. **Immunisation Programme** has been changed to reflect this by reducing the number of examples shown and including the age group, number of primary doses and number of reinforcing doses as attributes.
2. To add details of COVER to the NHS Wales Data Dictionary.

Impact in Wales:

In Wales, the COVER return is produced quarterly and annually. The revised requirements of information has been collected since December 2003.

HSW collect information from each of the Community Child Health (CCH2000) Systems being run at Trust sites.

The National Public Health Service for Wales (NPHS) collates the information to produce the following information-

1. **All Wales** - Uptake of immunisations in children resident in Wales in March of a given year, reaching their 1st, 2nd, 5th, 6th, 13th (girls only) or 14th (girls only) birthday between 1st October and 31st December of that year.
2. **LHB of residence** - Immunisation records of individual children in the age groups previously listed are linked to Local Health Board of residence using the child's postcode of residence. Uptakes are then estimated for Local Health Board areas. (Note that LHB data are for LHB resident population not for LHB GP practice populations).
3. **Enhanced surveillance of primary MMR** - Uptake of primary MMR in Welsh resident children aged i. 15-17 months and ii. 24-26 months, as at end December the previous year.

For further information, see the following link:-

<http://howis.wales.nhs.uk/sites/documents/368/Cov041.pdf>

Effect on the Data Dictionary:

Changes to the NHS Wales Data Dictionary can be seen in Appendix A.

Please address enquiries about this DSCN to: -

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Annexe A – Changes to NHS Wales Data Dictionary

CHANGES

Change type: Under Data Items & Terms; add new Sub-section under Community Child Health

COVER

The COVER return (Cover of Vaccination Evaluated Rapidly) provides information on childhood immunisations to support performance and benchmark indicators.

The figures were also collected under the return KC51 but because of duplication between KC51 and COVER, the KC51 return was discontinued in January 2003.

The return is produced on a quarterly and annual basis from figures extracted from local Community Child Health systems (CCH2000). These are collated and regrouped to produce breakdowns by Local Health Boards, as well as all Wales statistics.

COVER is broken down into the following tables:-

Table 1 - Total number of children resident in Local Health Board areas in Wales Trust on 25th March yyyy reaching their 1st birthday between 1/10/yy and 31/12/yy and proportion of those having been immunised by their birthday

Table 2 - Total number of children resident in Local Health Board areas in Wales Trust on 25th March yyyy reaching their second birthday between 1/10/yy and 31/12/yy and proportion of those having been immunised by their birthday

Table 3 - Total number of children resident in Local Health Board areas in Wales Trust on 25th March yyyy reaching their 5th birthday between 1/10/yy and 31/12/yy and proportion of those having been immunised by their birthday

Table 4 - Total number of children resident in Local Health Board areas in Wales Trust on 25th March yyyy reaching their 6th birthday between 1/10/yy and 31/12/yy and proportion of those having been immunised by their birthday

The following immunisations are counted in the figures of the above Tables:-

DIPHTHERIA

DIPHThERIA (BOOSTER)
PERTUSSIS
TETANUS
TETANUS(BOOSTER)
POLIO
POLIO(BOOSTER)
Hib3(Haemophilus influenzae group B)
MMR(1 dose)
MMR(2 doses)
Rubella
MenC (Group C meningococcal disease)

Table 5 - Total number of girls resident in Local Health Board areas in Wales Trust on 25th March yyyy reaching their 13th or 14th birthday between 1/10/yy and 31/12/yy and proportion of those having been immunised against rubella

Table 6 - Proportion of Welsh resident children aged 24-26 months receiving primary MMR vaccination by the end of the corresponding quarters.

Table 7 - Proportion of Welsh resident children aged 15-17 months receiving primary MMR vaccination by the end of the corresponding quarters.