

Sponsoring Organisation:	Implementation Date:	1 September 2008
Department of Health	Subject: Central Return: Human Papillomavirus (HPV) Immunisation Programme – Vaccine Monitoring Minimum Dataset	
DATA SET CHANGE NOTICE		
<p>This DSCN informs users of the approval of changes to an information requirement or information standard by the Information Standards Board for Health and Social Care (ISB HaSC).</p> <p>This was approved by ISB HaSC at its meeting on 27 August 2008.</p> <p>The burden of collection has been agreed by the Review of Central Returns Steering Committee (ROCR) - ROCR No: ROCR/OR/0228.</p>		
Summary:		
<p>This DSCN informs the service of the mandate by the Department of Health (DH) of a national collection of aggregated HPV vaccine monitoring data by Primary Care Trusts (PCT). This national monitoring standard supports the HPV Vaccination Programme, which commences in September 2008.</p> <p>The DSCN documents the aggregated data items that will be collected and the accompanying changes to the NHS Data Model and Dictionary. The data will be submitted to the DH via the Health Protection Informatics (HPI) website. The Health Protection Agency (HPA) will also have access to the data.</p> <p>This DSCN is relevant to all PCTs and suppliers of operational systems that support the National Immunisation Programme in general and HPV vaccine uptake monitoring in particular.</p> <p>The DSCN is limited to the definition of the aggregate dataset that is required for uploading to the HPI website. The inputs and outputs to Child Health Information Systems (CHIS) are not defined. The responsibility for local implementation of the HPV Programme lies with PCTs. PCTs must, therefore, ensure that they are able to produce the data in a format that meets the requirements of this DSCN and it is anticipated that many PCTs will wish to utilise their CHIS to produce information in a suitable format. Regardless of the information systems PCTs choose to use (including paper), they are required to produce information to meet the requirements of the HPI input specified in this DSCN.</p> <p>This DSCN is not intended to introduce new functionality to systems that changes the underlying data items that are intrinsic to all immunisation programmes. Further work is being undertaken to specify data requirements for Child Health of which immunisation programmes are a part.</p> <p>This DSCN is in two parts:</p> <ol style="list-style-type: none"> 1. Part 1 provides detailed policy information needed to implement the change 2. Part 2 provides the definitional, technical and modelling detail that will be included in the NHS Data Model and Dictionary 		
Datasets / return affected:		
None.		
Related DSCNs:		
AN/0802		
Impact of Change:		
Service:	Unknown	System Suppliers: Unknown
<p>The Information Standards Board for Health and Social Care (ISB HaSC) is responsible for approving information standards. Submission documents and the ISB HaSC Board output relating to the approval of this standard can be found at:</p> <p>http://www.isb.nhs.uk/docs/human-papilloma</p>		

DATA SET CHANGE NOTICE

Reference No:	DSCN 18/2008 ROCR/OR/0228
Version No:	1.0
Subject:	HPV Immunisation Programme – Vaccine Uptake Monitoring
Type of Change:	Introduction of a new approved information requirement or information standard
Implementation Date:	1 September 2008
Business Justification:	This standard is in support of ministerial objectives and priorities and the need for the programme is set out in a CMO Letter: see www.dh.gov.uk/en/Publicationsandstatistics/Lettersandcirculars/Professionalletters/Chiefmedicalofficerletters/DH_084542 . Cancer Reform Strategy (December 2007) http://www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/dh_081006
Effect on other Information Standards:	None

Introduction

This DSCN introduces a national information standard to enable PCTs to report HPV vaccine monitoring data to DH. The data will be used to monitor the implementation and effectiveness of the HPV Vaccination Programme.

PCTs already operate child immunisation programmes and provide vaccine uptake data. HPV vaccination is a new addition to the National Immunisation Programme.

This DSCN is relevant to all PCTs and suppliers of operational systems that support the National Immunisation Programme in general and HPV vaccine uptake monitoring in particular.

The standard relates to the aggregate data required for uploading to the HPI website; it does not specify inputs and outputs to CHIS or other systems. However, if PCTs have existing CHIS systems capable of providing aggregated immunisation data, then they may wish to make configuration changes to allow the systems to provide data for the HPV vaccine.

PCTs are responsible for the delivery of the HPV programme locally (i.e. administering the vaccine) and providing vaccine monitoring data.

Background

The introduction of the HPV programme and the vaccine monitoring collection is in support of ministerial objectives and priorities.

The Secretary of State has publicly expressed his commitment to this programme. Ministers announced this new immunisation programme in October 2007 and are committed to delivering a programme that will save up to 400 lives a year and prevent thousands of women having follow-up treatment for abnormal smear tests.

On 26 October 2007, following a formal recommendation from the Joint Committee for Vaccination and Immunisation (JCVI), Health Secretary Alan Johnson announced the introduction of a human papillomavirus (HPV) immunisation programme to routinely vaccinate females aged 12 - 13 years of age against cervical cancer, starting from September 2008. An additional catch-up cohort for 17-18 year old females in 2008/09 was announced in a press notice¹ of 21 July 2008 and notified to PCTs in a letter² of 22 July 2008 to PCT Chief Executives. A catch-up programme for females under 18 years will continue in autumn 2009 and will run for two years. Females aged 16 to 18 years (school years 12 and 13) will be offered the vaccine from autumn 2009, females aged 15 to 17 years (school years 11 and 12) will be offered the vaccine from autumn 2010. The net result is that the vaccine will be offered to all females born on or after 1 September 1990.

The HPV immunisation programme is a high profile campaign and will be the first vaccine to be made widely available via the NHS where the principal aim is to prevent cancer. The HPV vaccination programme forms part of the Department's Cancer Reform Strategy, published in December 2007 and was also highlighted in the interim Darzi report on the NHS, published in October 2007 ('Our NHS, our future').

The Department has issued PCTs with guidance to support local planning for this programme. This was circulated in a CMO letter to the NHS dated 2 May 2008 and in a formal 'Professor David Salisbury' (DH Director of Immunisation) letter, published with the CMO Letter, (see www.immunisation.nhs.uk/Vaccines/HPV/Resources). The CMO Letter states:-

"PCTs are responsible for the implementation of the HPV immunisation programme. In particular, they should ensure that:

- staffing levels are appropriate
- they work jointly with other PCTs to provide services to resident females who attend school in a neighbouring area
- training is provided for health professionals
- they keep vaccine wastage to a minimum
- robust arrangements are in place to obtain consent for immunisation and for informing GPs when their patients have been vaccinated
- there is clear communication with parents, girls and schools
- there are arrangements for girls who miss a scheduled immunisation
- effective local data management systems are in place
- GP-held records for vaccinated patients are updated, and
- monthly data on vaccination uptake, and vaccine stock levels, is provided to the DH."

PCTs are responsible for the local implementation of vaccination services as outlined above. This DSCN is required in order to specify the HPV vaccination monitoring data that will be submitted nationally. The addition of HPV to the list of vaccines in the immunisation programme, for which there are already existing data requirements, does not change these existing immunisation data requirements.

Therefore, the addition of HPV to the National Immunisation Programme is a configuration issue, and does not require new functionality to systems. It should also be noted that although DH would wish the data collection to be part of an overall integrated electronic process of capturing, recording and processing data, it is recognised that in some cases (by choice or circumstance), PCTs may submit the data as a stand alone web based aggregate data collection.

The HPV Programme commences in September 2008.

¹ 21 July 2008 Press Notice -

<http://nds.coi.gov.uk/environment/fullDetail.asp?ReleaseID=374703&NewsAreaID=2&NavigatedFromDepartment=False>

² Letter of 22 July 2008 - www.immunisation.nhs.uk/Library/Publications/CMO_Letters/Letters_from_the_CMO (Gateway reference GW10266)

Details of Change

There are two parts to the mandatory central collection of HPV data. These are:

1. Monthly collection – twelve collections, submitted at the end of each month.
2. Annual Collection – one collection, submitted at the end of the annual collection period.

Cohorts

The cohorts that are the subject of the data collections are defined as follows:

- Routine - females with a 13th birthday between 1 September to 31 August inclusive (i.e. school year 8)
- Catch-up - for the three year catch-up campaign, running in parallel with the routine campaign:-
 - 2008/09 – 17-18 year old females (i.e. school year 13/not in school), born between 1 September 1990 and 31 August 1991 inclusive.
 - 2009/10 – 16-17 year old females (i.e. school year 12/not in school), born between 1 September 1992 and 31 August 1993 inclusive and 17-18 year old females (i.e. school year 13/not in school), born between 1 September 1991 and 31 August 1992 inclusive.
 - 2010/11 – 15-16 year old females (i.e. school year 11), born between 1 September 1994 and 31 August 1995 inclusive and 16-17 year old females (i.e. school year 12/not in school), born between 1 September 1993 and 31 August 1994 inclusive.

Monthly Data Collection

The monthly data collection consists of data on:

- The numbers of females receiving 1, 2 or all 3 doses for each cohort, enabling uptake rates to be calculated
- Number of HPV vaccine doses in stock at the start of the month
- Total number of doses received that month
- Number of doses wasted or lost that month

DH will provide the monthly denominator for each cohort to each PCT in advance. The monthly denominators will be fixed for all 12 months.

- For routine cohorts, the monthly denominator will be based on the projected total number of females in year 8 in all schools within the PCT. The projected number will be provided by the Department for Children, Schools and Families (DCSF).
- For most catch-up cohorts, PCT population data from the Office of National Statistics (ONS) will be used for the fixed monthly denominator. The exception is the 15-16 cohort in 2009/10, which will use the school roll, provided by DCSF, as this cohort will still be in school.

Annual Data Collection

The annual collection will request vaccine uptake data on:

- The denominator based on the number of females in a specific cohort (defined by date of birth)
- The numbers of females receiving 1, 2 or all 3 doses respectively for each cohort between 1 September and 31 August the following year
- Location where vaccine administered (i.e. schools/colleges, GP Practices, Health Centres /Community Clinics and other) for each cohort

For the year-end annual collection, the denominator is based on the actual total school rolls, plus any "additions" at the end of the collection period for most PCTs (i.e. those running a schools-based programme). The "additions" are the remaining responsible population³ of the PCT not otherwise offered the vaccine (i.e. those not on any school roll or those attending a school in another PCT with no schools programme). It is recognised that PCTs may not be aware of the number of "additions" that they are responsible for at the start of the programme. However, PCTs will have had opportunity to complete vaccinations for those females NOT on school rolls within their PCT (the "additions"), so this year-end figure should be more accurate.

Each PCT will collect and return data on the females in a particular birth cohort who they vaccinate. Most PCTs will run a schools-based programme, but some may chose not to. There are therefore two definitions of annual denominator, depending on the type of programme PCTs run:-

Schools based: *The school roll in your PCT (i.e. all females attending school in your PCT, including those from your PCT's 'responsible population' and other PCTs), PLUS females in your PCT's 'responsible population' not otherwise offered the vaccine (i.e. those not on any school roll or those attending a school in another PCT without a schools-based programme), as of 31 August each year..*

Non-Schools based: *Females from your PCT's 'responsible population' only, but EXCLUDING those on the school roll of neighbouring PCTs with school-based programmes, as of 31 August each year.*

Detailed guidance on how to determine the annual denominator for a cohort will be provided by DH as part of the HPI website user guidance and is published on the immunisation website at www.immunisation.nhs.uk/Professional_Information/Updates/HPV_monitoring.

Dataset

The monthly and annual datasets are published on the immunisation website at www.immunisation.nhs.uk/Professional_Information/Updates/HPV_monitoring.

The full definitional, technical and modelling detail relating to the HPV data collection is included in the NHS Data Model and Dictionary and is detailed in part 2 of this DSCN. Detail on how the central return monthly and annual datasets map to the NHS Data Model and Dictionary definitions are also published on the immunisation website at the same location as the dataset.

Timescales for Collection

Each monthly survey opens on the 1st day of each month, for the previous month's data. It will be open for 10 working days (i.e. adjustments will be made for weekends and public holidays). For example, for September 2008 data, the survey form will be open from 1 October 2008 until 14 October 2008 inclusive.

The annual survey opens on the 1st of September 2009, for the previous twelve months' data. It will be open for 20 working days (i.e. adjustments will be made for weekends and public holidays). For

³ Responsible population is defined as being registered with a GP within your PCT or not registered with a GP but resides within your PCT.

the twelve-month period ending 31 August 2009, the annual survey form will be open from 1 September 2009 until 28 September 2009 inclusive.

Data may be added or amended at any time during the survey open period.

Monthly Dataset and Collection

The timetable below is relevant to all PCTs and suppliers of current operational systems that support the National Immunisation Programme in general and HPV vaccine uptake monitoring in particular.

FRAMEWORK		Health and Social Care Personnel	Organisation (i.e. PCTs) ¹	IT Suppliers ²
Effective Date³ "may use"		01/09/2008		
Implementation Date⁴ "must use"	Collection Start Date⁵	01/09/2008		
	First Submission Date⁶		01/10/2008 to 14/10/2008 inc. (i.e. 10 working days) for data to 30/09/2008	
	Reporting Period / Submission Cycle⁷		Monthly (10 working days after end of previous month)	
Conformance Date⁸ "must be used effectively and assessed for use"		31/08/2009		

Annual Dataset and Collection

The timetable below is relevant to all PCTs and suppliers of current operational systems that support the National Immunisation Programme in general and HPV vaccine uptake monitoring in particular.

FRAMEWORK		Health and Social Care Personnel	Organisation (i.e. PCTs) ¹	IT Suppliers ²
Effective Date ³ "may use"		01/09/2008		
Implementation Date ⁴ "must use"	Collection Start Date ⁵	01/09/2008	01/09/2008	01/04/2009
	First Submission Date ⁶		01/09/2009 to 28/09/2009 inc (ie up to 20 working days) for data to 31/08/2009	
	Reporting Period / Submission Cycle ⁷		Annual (up to 20 working days after year ending 31 August each year)	
Conformance Date ⁸ "must be used effectively and assessed for use"		31/08/2010		

See Appendix A for notes on these dates.

Timescales for Future Development

The DH Immunisation Branch is committed to working with the ISB HaSC Team, the NHS Data Model and Dictionary Team and NHS Connecting for Health to improve the formal documentation on end-to-end immunisation data requirements. The National Child Health Immunisation Standards Board, chaired by Professor David Salisbury, the Director of Immunisation, will oversee this work. An outcome from this work will be a new dataset to support input into CHIS. A further DSCN will, therefore, be published once this work is complete. An indicative outline timetable for this future work is given below:

Milestone	Date (provisional)
National Child Health Immunisation Standards Board Meeting (Agree way forward for Immunisation aspects of Child Health work being undertaken by CfH)	September 2008 [TBC]
Release of Immunisation Coordinator Toolkit	October 2008
PCT and Supplier consultation / feedback exercise on HPV central return	December 2008
Assess feedback from PCTs and Suppliers on HPV central return	December 2008
Evaluate implementation of HPV central return	Jan-Mar 2009
Review report on implementation of central return to ISB HaSC	Jan-Mar 2009
ROCR submission to extend licence	Jan-Mar 2009
Agree Immunisation aspects of Child Health work (by National Child Health Immunisation Standards Board)	Jan-Mar 2009 [TBC]
Engagement with ISB HaSC	Jan-Mar 2009 [TBC]
Engagement with NHS Data Model and Dictionary Team	Jan-Mar 2009 [TBC]
Review 2008/09 HPV Programme	October 2009
ISB HaSC approval at full stage	At least 6 months prior to DSCN

Milestone	Date (provisional)
	implementation date [TBC]
DSCN Issue	2010 [TBC]
Implementation of new standard	2010 [TBC]

Effects on Other Information Standards

None.

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General enquiries about the HPV programme should be directed to dhmail@dh.gsi.gov.uk

Guidance on specific queries (e.g. user guides, website use, vaccine supply etc) and specific contact points can be found at www.immunisation.nhs.uk.

Appendix A – Notes on Timescale Dates

1. Relevant organisations are those organisations as defined in the standard who must take direct action to implement the standard
2. IT Suppliers are all suppliers to the organisations listed at ¹ who supply functionality pertinent to that standard
3. **Effective Date** is the date from which a new standard can be used but may not be mandatory. This might facilitate piloting, for example, or enable time for system functionality development. At this point, **you “may use” the standard.**
4. **Implementation Date** is the point from which the new standard becomes mandatory. Ideally, it inherently implies organisations use appropriate systems i.e. the date is the same for organisations and suppliers. However, there may be circumstances where interim workarounds are required i.e. the date is different for organisations and suppliers. At this date, **you “must use” the standard.** Where the standard demands data is submitted centrally, sub components of implementation date (and possibly ‘effective date’) are:
 5. **Collection Start Date** – this is the date collection of data must begin
 6. **First Submission Date** – this is the date of first submission of data centrally
 7. **Reporting Period / Submission Cycle** – If the standard calls for further collection and submission at defined intervals, this cell provides text of the reporting period (e.g. calendar month, financial year) and the submission cycle (e.g. submit data monthly on the 10th working day of the subsequent month).
8. **Conformance Date** is the date from which the service and IT system suppliers must use the standard as envisaged i.e. using appropriate IT solutions rather than interim workarounds and, if the standard requires it, an independent, authoritative body or legitimate internal audit would conduct a conformity assessment with the expectation of full conformance by all relevant parties. It is the **“must use standard effectively and assessed for use”** date
9. **Superseded Date** of the prior standard sets the date at which the prior standard is replaced by the new standard i.e. the prior standard must no longer be used. This date will apply only where there was a pre-existing standard made redundant by the new standard. It might be different from preceding dates in the framework if, for example, a new and old standard run in parallel for a period. It is the date from which you **“stop using the prior standard”**.

NHS Connecting for Health

NHS Data Model and Dictionary Service

Reference:	Change Request 956
Version No:	1.0
Subject:	Human Papillomavirus Vaccination
Effective Date:	1 Sep 2008
Reason for Change:	Introduction of a new Human Papillomavirus vaccination to the National Immunisation Programme in England
Publication Date:	29 Aug 2008

Background:

The Human Papillomavirus (HPV) Vaccination Programme for England will commence in September 2008. The first cohort being for females born between 1st September 1995 and 31st August 1996. This will be the first cohort for what will then be an annual programme for all 12-13 year olds. The Joint Committee on Vaccination and Immunisation (JCVI) recommends vaccine delivery in schools, but Primary Care Trusts are responsible for implementing the programme according to their local needs.

There will be catch-up programmes in 2008/2009 for 17-18 year olds, 2009/10 for 16-18 year olds and one in 2010/11 for 15-17 year olds.

The vaccination requires 3 separate doses to complete a full course, which is recommended are given, ideally within 6 months, but up to a 12 month period. However, to allow for 'mop-ups' (i.e. those that missed one or more doses in their cohort year), summary data will be collected every year for each cohort until that cohort reaches 18 years old. This is because the Human Papillomavirus vaccine is most effective before an individual becomes sexually active, and the Joint Committee on Vaccination and Immunisation have recommended it is cost effective to offer the vaccine to all females up to age 18.

The data will be collected from Primary Care Trusts every month, starting October 2008, for uptake data for the previous months (ie from 1st September 08 to 30th September 08). There will therefore be twelve monthly collections per cohort per year. There will also be a final year-end data collection that requests data on where the vaccinations were carried out (school/college, GP Practice etc).

This paper provides data standards for the new data sets for the collection of information on the HPV vaccine, supply and usage monitoring.

This paper also includes changes to data standards as a consequence of the new data sets as follows:

- The creation of new business definitions for 'Responsible Primary Care Trust', 'School', 'School Year', 'College' and 'Educational Establishment'.
- The definition of national codes for Immunisation Age Group and Vaccine Preventable Diseases.
- The remodelling of Pharmaceutical Product to simplify the relationships to Pharmaceutical Product Stock, Prescribed Items and Dispensed Items.

Summary of changes:

Class Definitions

[GENERIC PRESCRIBABLE ITEM](#)

Changed Description, Attributes, Relationships

[GENERIC PRESCRIBABLE ITEM](#)

Changed Description, Attributes,

GENERIC PRESCRIBABLE ITEM	Relationships
PHARMACEUTICAL PRODUCT	Changed Description, Attributes, Relationships
PHARMACEUTICAL PRODUCT	New Class
PHARMACEUTICAL PRODUCT	New Class
PHARMACEUTICAL PRODUCT STOCK	New Class
PHARMACEUTICAL PRODUCT STOCK	New Class
PHARMACEUTICAL PRODUCT STOCK	New Class
PRESCRIBED ITEM	Changed Description
PROPRIETARY PRODUCT	Changed Description, Attributes, Relationships
PROPRIETARY PRODUCT	Changed Description, Attributes, Relationships
PROPRIETARY PRODUCT	Changed Description, Attributes, Relationships

Attribute Definitions

IMMUNISATION AGE GROUP	Changed Description
IMMUNISATION COURSE TYPE CODE	Changed Description
PHARMACEUTICAL STOCK ADJUSTMENT AMOUNT	New Attribute
PHARMACEUTICAL STOCK ADJUSTMENT AMOUNT	New Attribute
PHARMACEUTICAL STOCK ADJUSTMENT DATE	New Attribute
PHARMACEUTICAL STOCK ADJUSTMENT DATE	New Attribute
PHARMACEUTICAL STOCK ADJUSTMENT TYPE	New Attribute
PHARMACEUTICAL STOCK ADJUSTMENT TYPE	New Attribute
STAGE NUMBER	Changed Description
TARGET POPULATION	Changed Description
VACCINE PREVENTABLE DISEASE	Changed Description

Data Elements

ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
LOCATION TYPE (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
LOCATION TYPE (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
ORGANISATION CODE (PRIMARY CARE TRUST FOR HPV VACCINE)	New Data Element
ORGANISATION CODE (PRIMARY CARE TRUST FOR HPV VACCINE)	New Data Element
ORGANISATION CODE (RESPONSIBLE PCT)	Changed Description
PHARMACEUTICAL PRODUCT STOCK DOSES RECEIVED TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
PHARMACEUTICAL PRODUCT STOCK DOSES RECEIVED TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
PHARMACEUTICAL PRODUCT STOCK DOSES TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
PHARMACEUTICAL PRODUCT STOCK DOSES TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
PHARMACEUTICAL PRODUCT STOCK DOSES UNUSABLE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
PHARMACEUTICAL PRODUCT STOCK DOSES UNUSABLE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
VACCINE DOSES ADMINISTERED AT LOCATION TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element
VACCINE DOSES ADMINISTERED AT LOCATION TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)	New Data Element

VACCINE GIVEN FIRST DOSE TOTAL (HUMAN PAPILOMAVIRUS VACCINE)	New Data Element
VACCINE GIVEN FIRST DOSE TOTAL (HUMAN PAPILOMAVIRUS VACCINE)	New Data Element
VACCINE GIVEN SECOND DOSE TOTAL(HUMAN PAPILOMAVIRUS VACCINE)	New Data Element
VACCINE GIVEN SECOND DOSE TOTAL(HUMAN PAPILOMAVIRUS VACCINE)	New Data Element
VACCINE GIVEN THIRD DOSE TOTAL(HUMAN PAPILOMAVIRUS VACCINE)	New Data Element
VACCINE GIVEN THIRD DOSE TOTAL(HUMAN PAPILOMAVIRUS VACCINE)	New Data Element

Data Set

HPV IMMUNISATION PROGRAMME VACCINE MONITORING ANNUAL MINIMUM DATA SET	New Data Set
HPV IMMUNISATION PROGRAMME VACCINE MONITORING MONTHLY MINIMUM DATA SET	New Data Set

Supporting Information

CENTRAL RETURN DATA SETS MENU	Changed Description
COLLEGE	New Supporting Information
EDUCATIONAL ESTABLISHMENT	New Supporting Information
HPV IMMUNISATION PROGRAMME VACCINE MONITORING ANNUAL MINIMUM DATA SET OVERVIEW	New Supporting Information
HPV IMMUNISATION PROGRAMME VACCINE MONITORING MONTHLY MINIMUM DATA SET OVERVIEW	New Supporting Information
LOCATION TYPE CODES	Changed Description
RESPONSIBLE PRIMARY CARE TRUST	New Supporting Information
SCHOOL	New Supporting Information
SCHOOL YEAR	New Supporting Information

Date: 29 Aug 2008

Sponsor: Elizabeth Woodeson, Director of Health Protection, Department of Health

Note: New text is shown with a blue background. Deleted text is crossed out. Within the Diagrams deleted classes and relationships are red, changed items are blue and new items are green.

HPV IMMUNISATION PROGRAMME VACCINE MONITORING ANNUAL MINIMUM DATA SET

Change to Data Set: New Data Set

[HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set Overview](#)

This data set carries the data for annual monitoring of the Human Papillomavirus Vaccine uptake
Annual Data Set Data Elements
To carry the details of the reporting period and the Primary Care Trusts providing and commissioning Human Papillomavirus vaccinations.
One occurrence per Primary Care Trust is required.
ORGANISATION CODE (PRIMARY CARE TRUST FOR HPV VACCINE)
HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILOMAVIRUS VACCINE)
REPORTING PERIOD START DATE
REPORTING PERIOD END DATE

ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE)
Doses Administered: To carry the details for the number of doses administered.
VACCINE GIVEN FIRST DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
VACCINE GIVEN SECOND DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
VACCINE GIVEN THIRD DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
Location Where Vaccines Administered: To carry the location where the vaccines have been administered. One occurrence of this group is required for each Location Type
LOCATION TYPE (HUMAN PAPILLOMAVIRUS VACCINE)
VACCINE DOSES ADMINISTERED AT LOCATION TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

HPV IMMUNISATION PROGRAMME VACCINE MONITORING MONTHLY MINIMUM DATA SET

Change to Data Set: New Data Set

HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set Overview

This data set carries the data for monthly monitoring of the Human Papillomavirus Vaccine uptake, supply and usage
Monthly Data Set Data Elements
To carry the details of the reporting period and the Primary Care Trusts providing and commissioning Human Papillomavirus vaccinations.
One occurrence per Primary Care Trust is required.
ORGANISATION CODE (PRIMARY CARE TRUST FOR HPV VACCINE)
HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE)
REPORTING PERIOD START DATE
REPORTING PERIOD END DATE
Doses Administered: To carry the details for the number of doses administered.
VACCINE GIVEN FIRST DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
VACCINE GIVEN SECOND DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
VACCINE GIVEN THIRD DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
Vaccine Supply, Usage and Stock Levels: To carry the number of vaccine doses in stock and the number unusable during the reporting period.
PHARMACEUTICAL PRODUCT STOCK DOSES TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
PHARMACEUTICAL PRODUCT STOCK DOSES RECEIVED TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)
PHARMACEUTICAL PRODUCT STOCK DOSES UNUSABLE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

CENTRAL RETURN DATA SETS MENU

Change to Supporting Information: Changed Description

- [Accident and Emergency Quarterly Monitoring Data Set \(QMAE\)](#)
- [Admitted Patient Flows Data Set](#)
- [Admitted Patient Stocks Data Set](#)
- [Bookings Admitted Patient And Out-Patient Provider Data Set](#)
- [Choose And Book Utilisation Commissioner Data Set](#)
- [Diagnostics Waiting Times and Activity Data Set](#)
- [Diagnostics Waiting Times Census Data Set](#)

- [Genitourinary Medicine Access Monthly Monitoring Data Set](#)
- [HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set](#)
- [HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set](#)
- [National Direct Access Audiology Patient Tracking List Data Set](#)
- [National Direct Access Audiology Waiting Times Data Set](#)
- [National Workforce Data Set](#)
- [Out-Patient Flows Data Set](#)
- [Out-Patient Stocks Data Set](#)
- [Quarterly Monitoring Cancelled Operations Data Set \(QMCO\)](#)
- [Referral To Treatment Data Set](#)
- [Referral to Treatment Summary Patient Tracking List Data Set](#)
- [Summarised Activity Flows Data Set](#)
- [Summarised Stocks Data Set](#)

COLLEGE

Change to Supporting Information: New Supporting Information

An [Educational Establishment](#) providing further education after statutory school age for qualifications such 'A' levels or National Vocational Qualifications. This includes sixth form [Colleges](#).

This definition describes the function of the establishment rather than the name of the establishment as the term 'College' can be used in the name for a number of different types of [Educational Establishments](#) including [Schools](#) or [Universities](#).

EDUCATIONAL ESTABLISHMENT

Change to Supporting Information: New Supporting Information

This is an [ORGANISATION](#) where its main purpose is education. These may be [Schools](#), [Colleges](#) or [Higher Education Establishments](#).

[Educational Establishments](#) providing education for [Degrees](#) are considered to be [Higher Education Establishments](#) or [Universities](#).

For an up-to-date list of [Educational Establishments](#) in England and Wales maintained by the Department of Children, Schools and Families, see the [EduBase website](#).

HPV IMMUNISATION PROGRAMME VACCINE MONITORING ANNUAL MINIMUM DATA SET OVERVIEW

Change to Supporting Information: New Supporting Information

Contextual Overview

The [Department of Health](#) requires summary details from [Primary Care Trusts](#) to monitor the implementation and effectiveness of the [Human Papillomavirus \(HPV\) Immunisation Programme](#).

The [Human Papillomavirus Vaccination Programme](#) for England will commence in September 2008, the first [TARGET POPULATION](#) being for females born between 1st September 1995 and 31st August 1996. This will be the first [HEALTH PROGRAMME STAGE](#) for what will then be a routine annual [Immunisation Programme](#) for all 12-13 year old females.

There will be catch-up [HEALTH PROGRAMME STAGES](#) in 2008/09 for 17-18 year olds, 2009/10 for 16-18 year old

females and one in 2010/11 for 15-17 year old females.

It is recommended for the vaccine delivery to be in Schools/Colleges but Primary Care Trusts are responsible for implementing the programme according to their local needs.

Each Primary Care Trust will collect and return data on the females in a particular TARGET POPULATION. Primary Care Trusts are recommended to run a Schools-based programme, but some may choose not to. The ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE) will either be Schools based or non-Schools based.

The Human Papillomavirus vaccine requires 3 separate doses to complete a full course. It is recommended that this full course is given within a 6 month period, but it may be given in a period of up to a 12 months. However, to allow for those that missed one or more doses in their TARGET POPULATION year, summary data will be collected every year for each TARGET POPULATION until those PERSONS reach 18 years old. This is because the Human Papillomavirus vaccine is most effective before an individual becomes sexually active.

Although data is collected monthly in the HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set, it is recognised that Primary Care Trusts may not be aware of the number of other females they are responsible for at the start of the HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set campaign year. However by the end of the School Year, Primary Care Trusts will have had opportunity to complete vaccinations for any others they are responsible for and these will be included in the HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set together with the HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Sets.

The HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set requires information on number of doses administered as well as the administration LOCATION TYPES.

Collection and Submission of the HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set

- The HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set is the School Year end annual return from Primary Care Trusts.
- The return must be submitted within 20 working days after the previous School Year end of 31st August.
- The data is submitted via a web form on the Health Protection Informatics website

Synopsis of the HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set

1. Primary Care Trust, HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE), REPORTING PERIOD and ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE)
2. Doses administered (by each of the three doses)
3. Doses administered by LOCATION TYPE.

HPV IMMUNISATION PROGRAMME VACCINE MONITORING MONTHLY MINIMUM DATA SET OVERVIEW

Change to Supporting Information: New Supporting Information

Contextual Overview

The Department of Health requires summary details from Primary Care Trusts to monitor the implementation and effectiveness of the Human Papillomavirus (HPV) Immunisation Programme.

The Human Papillomavirus Vaccination Programme for England will commence in September 2008. The first TARGET POPULATION will be for females born between 1st September 1995 and 31st August 1996. This will be the first HEALTH PROGRAMME STAGE for what will then be a routine annual Immunisation Programme for all 12-

13 year old females.

There will be catch-up **HEALTH PROGRAMME STAGES** in 2008/09 for 17-18 year olds, 2009/10 for 16-18 year old females and one in 2010/11 for 15-17 year old females.

It is recommended for the vaccine delivery to be in **Schools/Colleges** but **Primary Care Trusts** are responsible for implementing the programme according to their local needs.

The **Department of Health** will provide each **Primary Care Trust** with a monthly denominator for each **TARGET POPULATION**. The monthly denominator will be fixed for all monthly surveys for the **School Year** of the **TARGET POPULATION** and will be notified to the **Primary Care Trust** in advance. The denominator will not need to be entered each month on the on-line survey form as it will already be held on the **Health Protection Informatics website**.

The Human Papillomavirus vaccine requires 3 separate doses to complete a full course. It is recommended that this full course is given within a 6 month period, but it may be given in a period of up to a 12 months. However, to allow for those that missed one or more doses in their **TARGET POPULATION** year, summary data will be collected every year for each **TARGET POPULATION** until those **PERSONS** reach 18 years old. This is because the Human Papillomavirus vaccine is most effective before an individual becomes sexually active.

The **HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set** requires the number of doses administered and information on vaccine supply and usage.

Collection and Submission of the HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set

- The **HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set** is a monthly return from **Primary Care Trusts**.
- The data will be collected from **Primary Care Trusts** every month commencing October 2008.
- The return must be submitted within 10 working days for the previous calendar month.
- The data is submitted via a web form on the **Health Protection Informatics website**.

Synopsis of the HPV Immunisation Programme Vaccine Monitoring Monthly Minimum Data Set

1. **Primary Care Trust, HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE), REPORTING PERIOD** and **ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE)**
2. Doses administered (by each of the three doses). Monthly figures are cumulative i.e. the data is always the number of vaccinations from 1st September for that School Year.
3. Vaccine supply, usage and stock levels. These figures are not cumulative - they refer to the month in question only.

LOCATION TYPE CODES

Change to Supporting Information: Changed Description

LOCATION TYPE CODES

1. The codes enable the classification of **LOCATION TYPE**. This is the type of physical location where **PATIENTS** are seen or where services are provided or from which requests for services are sent.
2. Each **LOCATION** must be classified by one, and only one, **LOCATION TYPE**, i.e. once a building (or department or unit within that building) has been allocated a specific **LOCATION TYPE**, that **LOCATION TYPE** should be used by all users regardless of the type of activity, specialty or client group involved. The **LOCATION TYPE** should only be altered if there is a complete change in use.
3. Note that the term *Professional Staff Group* refers to health professional staff and covers Chiropody,

Clinical Psychology, Dietetics, Occupational Therapy, Physiotherapy and Speech and Language Therapy.

4. Please note that the following Central Return forms have been discontinued with effect from the 1st April 2004:

KC56 - Patient Care in the Community: District Nursing

KC57 - Patient Care in the Community: Community Psychiatric Nursing

KC58 - Patient Care in the Community: Learning Disability Nursing

5. Tables 1 to 3 gives the groupings used on the following Central Returns:

KC56: Patient Care in the Community: District Nursing

KC57: Patient Care in the Community: Community Psychiatric Nursing

KC58: Patient Care in the Community: Learning Disability Nursing

6. ~~Note that the leading zero of Location Type Code should be omitted for use with the edstab/CDS.~~

~~Location Type Codes~~

Code	Description
001	Client's or Patient's Home
002	Health Centre
003	Other GMP Premises
004	Ward on NHS Hospital Site
006	Hospice
007	Other Voluntary or Private Hospital or Nursing Home
008	Group Home managed by the NHS
009	Group Home managed by Local Authority
010	Group Home managed by Voluntary or Private Agents
011	Other Residential Care Homes managed by Local Authority
012	Other Residential Care Homes managed by Voluntary or Private Agents
013	NHS Day Care Facility on NHS Hospital Site
014	NHS Day Care Facility on Other Sites
015	Day Centre managed by Local Authority
016	Day Centre managed by Voluntary or Private Agents
017	NHS Consultant Clinic Premises on a NHS Hospital site
018	NHS Consultant Clinic Premises off a NHS Hospital site
019	Health Clinic managed by the NHS
020	Health Clinic managed by Voluntary or Private Agents
021	Resource Centre on NHS Hospital Site
022	Resource Centre managed by the NHS off NHS Hospital Site
023	Resource Centre managed by Local Authority
024	Resource Centre managed by Voluntary or Private Agents
025	Professional Staff Group Department on NHS Hospital Site
026	Professional Staff Group Department managed by the NHS off NHS Hospital Site
027	Professional Staff Group Department managed by Local Authority
028	Professional Staff Group Department managed by Voluntary or Private Agents
029	School Premises managed by Local Authority or Grant Maintained
030	School Premises managed by Voluntary or Private Agents
031	Other Health or Local Authority Facility on NHS Hospital Site

032	Other Health or Local Authority Site managed by the NHS off NHS Hospital Site
033	Other Health or Local Authority Site managed by Local Authority
034	Other Health or Local Authority Site managed by Voluntary or Private Agents
035	Prison Department Establishments
036	Public Place or Street, or Police Station
037	Other locations not classified elsewhere
038	NHS Nursing Home
039	Other Residential Care Homes managed by the NHS

7. Note that the leading zero of Location Type Code should be omitted for use with the cdstab/CDS.

Location Type Codes

Code	Description
001	Client's or Patient's Home
002	Health Centre
003	GP Practice premises other than Health Centre
004	Ward on NHS Hospital Site
006	Hospice
007	Other Voluntary or Private Hospital or Nursing Home
008	Group Home managed by the NHS
009	Group Home managed by Local Authority
010	Group Home managed by Voluntary or Private Agents
011	Other Residential Care Homes managed by Local Authority
012	Other Residential Care Homes managed by Voluntary or Private Agents
013	NHS Day Care Facility on NHS Hospital Site
014	NHS Day Care Facility on Other Sites
015	Day Centre managed by Local Authority
016	Day Centre managed by Voluntary or Private Agents
017	NHS Consultant Clinic Premises on a NHS Hospital site
018	NHS Consultant Clinic Premises off a NHS Hospital site
019	Health Clinic managed by the NHS
020	Health Clinic managed by Voluntary or Private Agents
021	Resource Centre on NHS Hospital Site
022	Resource Centre managed by the NHS off NHS Hospital Site
023	Resource Centre managed by Local Authority
024	Resource Centre managed by Voluntary or Private Agents
025	Professional Staff Group Department on NHS Hospital Site
026	Professional Staff Group Department managed by the NHS off NHS Hospital Site
027	Professional Staff Group Department managed by Local Authority
028	Professional Staff Group Department managed by Voluntary or Private Agents
029	Educational Establishment Premises managed by Local Authority or Grant Maintained
030	Educational Establishment Premises managed by Voluntary or Private Agents
031	Other Health or Local Authority Facility on NHS Hospital Site
032	Other Health or Local Authority Site managed by the NHS off NHS Hospital Site
033	Other Health or Local Authority Site managed by Local Authority
034	Other Health or Local Authority Site managed by Voluntary or Private Agents

035	Prison Department Establishments
036	Public Place or Street, or Police Station
037	Other locations not classified elsewhere
038	NHS Nursing Home
039	Other Residential Care Homes managed by the NHS

RESPONSIBLE PRIMARY CARE TRUST

Change to Supporting Information: New Supporting Information

The Responsible Primary Care Trust is responsible for a population which comprises:

- those PERSONS registered with a GP Practice within the Primary Care Trust, irrespective of whether they reside within the boundary of the Primary Care Trust, plus
- those PERSONS who are not registered with any GP Practice but who reside in the Primary Care Trust's geographic area.

SCHOOL

Change to Supporting Information: New Supporting Information

This is an Educational Establishment that provides education for children of statutory School age (5-16 years old) although they may provide education outside these ages as well, i.e. nursery classes and sixth form. These include all Schools managed by Local Authority or grant maintained, Schools managed by voluntary or private agents, pupil referral units, young offender education units and residential education units.

SCHOOL YEAR

Change to Supporting Information: New Supporting Information

A year commencing on 1st September and ending on 31st August.

Generally in Schools, the number of School Years a pupil has been at School are numbered sequentially starting at Year 1 for pupils turning 5 years old, so Year 11 would be pupils turning 16 years old within that School Year.

IMMUNISATION AGE GROUP

Change to Attribute: Changed Description

The age groups at which an [Immunisation Programme](#) is aimed.

Classification:

- ~~a-~~ ~~Completing primary course up to age 1 year~~
- 01 Completing primary course up to age 1 year
- ~~b-~~ ~~Completing primary course up to age 2 years~~
- 02 Completing primary course up to age 2 years
- ~~c-~~ ~~Completing primary course or receiving a booster by the age of 5 years~~
- 03 Completing primary course or receiving a booster by the age of 5 years
- ~~d-~~ ~~Elderly Adult~~
- 04 Elderly Adult
- ~~e-~~ ~~Other~~
- 05 Reaching first birthday with maternal Hepatitis B Status positive
- ~~f-~~ ~~Reaching first birthday with maternal Hepatitis B Status positive~~

- 06 Reaching second birthday with maternal Hepatitis B Status positive
- ~~g. Reaching second birthday with maternal Hepatitis B Status positive~~
- 07 Receiving a booster by the age of 2 years
- ~~h. Receiving a booster by the age of 2 years~~
- Age 12 - 13 years old
- 08
- Age 13 - 14 years old
- 09
- Age 14 - 15 years old
- 10
- Age 15 - 16 years old
- 11
- Age 16 - 17 years old
- 12
- Age 17 - 18 years old
- 13
- Other
- 96

IMMUNISATION COURSE TYPE CODE

Change to Attribute: Changed Description

A classification of an [IMMUNISATION COURSE TYPE](#).

~~Examples:~~ *National Codes:*

- a. ~~Primary~~
- b. ~~First booster~~
 - a. ~~Second booster, etc.~~
 - a. ~~Booster~~

~~References:~~

~~Statement of Fees and Allowances Payable to General Medical Practitioners in England and Wales.~~

- 01 Primary
- 02 First booster
- 03 Second booster
- 04 Booster
- 05 First dose
- 06 Second dose
- 07 Third dose

PHARMACEUTICAL STOCK ADJUSTMENT AMOUNT

Change to Attribute: New Attribute

The number of items or amount of [PHARMACEUTICAL PRODUCT](#) added to or removed from the [PHARMACEUTICAL PRODUCT STOCK](#) held within an [ORGANISATION](#).

PHARMACEUTICAL STOCK ADJUSTMENT AMOUNT

Change to Attribute: New Attribute

PHARMACEUTICAL STOCK ADJUSTMENT AMOUNT

Data Elements:

There are no data links on this item.

PHARMACEUTICAL STOCK ADJUSTMENT DATE

Change to Attribute: New Attribute

The date on which an adjustment is made to PHARMACEUTICAL PRODUCT STOCK.

PHARMACEUTICAL STOCK ADJUSTMENT DATE

Change to Attribute: New Attribute

PHARMACEUTICAL STOCK ADJUSTMENT DATE

Data Elements:

There are no data links on this item.

PHARMACEUTICAL STOCK ADJUSTMENT TYPE

Change to Attribute: New Attribute

The type of adjustment of PHARMACEUTICAL PRODUCT STOCK.

National Codes:

- | | |
|---|-------------------|
| 1 | Delivery |
| 2 | Dispensed or used |
| 3 | Unusable |

Unusable items include those that have breached cold-chain requirements, exceeded their expiry date, were faulty or could otherwise not be returned to stock for later use.

PHARMACEUTICAL STOCK ADJUSTMENT TYPE

Change to Attribute: New Attribute

PHARMACEUTICAL STOCK ADJUSTMENT TYPE

Data Elements:

There are no data links on this item.

STAGE NUMBER

Change to Attribute: Changed Description

Uniquely identifies a [Surveillance Programme Stage](#). Uniquely identifies a HEALTH PROGRAMME STAGE.

TARGET POPULATION

Change to Attribute: Changed Description

~~For services to the community, this will record the estimated number of people to be covered by the [PROGRAMME CODE](#) or, for [Surveillance Programme](#), a stage within the [PROGRAMME CODE](#). For community nursing services, this will record the estimated present and prospective catchment population.~~ For services to the community, this will record the estimated number of people to be covered by the [HEALTH PROGRAMME](#) or a [HEALTH PROGRAMME STAGE](#).

For community nursing services, this will record the estimated present and prospective catchment population.

For statistical purposes, this is also known as the target denominator for a group of [PERSONS](#) banded together or treated as a group with a common statistical characteristic or cohort. For example, females born between 1st September 1995 and 31st August 1996 will be considered as part of a [TARGET POPULATION](#) for immunisation.

VACCINE PREVENTABLE DISEASE

Change to Attribute: Changed Description

~~A disease, or group of diseases, against which an [Immunisation Programme](#) is directed.~~ A disease, or group of diseases, or the name of the vaccine used to provide immunity for one or several diseases, against which an [Immunisation Programme](#) is directed.

Examples: ~~National Codes:~~

- ~~a.~~ ~~Diphtheria*~~
- 01 Diphtheria (d/D) *
- ~~b.~~ ~~Tetanus*~~
- 02 Tetanus (T) *
- ~~e.~~ ~~Poliomyelitis*~~
- 03 Inactivated poliomyelitis vaccine (IPV) *
- ~~d.~~ ~~Pertussis*~~
- 04 Pertussis (P) *
- ~~e.~~ ~~Tuberculosis*~~
- 05 Diphtheria, tetanus, pertussis and polio (dTaP/IPV and DTaP/IPV) *
- ~~f.~~ ~~Anthrax~~
- 06 Tuberculosis (BCG) *
- ~~g.~~ ~~Haemophilus influenzae type b (Hib)*~~
- 07 Anthrax
- ~~h.~~ ~~Measles, Mumps and Rubella (MMR)*~~
- 08 Haemophilus influenzae type b (Hib) *
- ~~i.~~ ~~Rabies~~
- 09 Measles, Mumps and Rubella (MMR) *
- ~~j.~~ ~~Typhoid~~
- 10 Rabies
- ~~k.~~ ~~Group C meningococcal disease (MenC)*~~
- 11 Typhoid

- † Hepatitis B*
- 12 Group C meningococcal disease (MenC)*
- m. Pneumococcal*
- Hepatitis B (Hep B)*
- 13
- n. Haemophilus influenzae type b/Group C meningococcal disease (Hib/MenC)*
- Pneumococcal conjugate vaccine (PCV)*
- 14
- Pneumococcal polysaccharide vaccine (PPV)*
- 15
- Haemophilus influenzae type b/Group C meningococcal disease (Hib/MenC)*
- 16
- Influenza
- 17
- Human Papillomavirus (HPV)*
- 18
- Diphtheria, tetanus and polio (Td/IPV)*
- 19
- Varicella
- 20
- Measles*
- 21
- Mumps*
- 22
- Rubella*
- 23
- Other
- 96

Note: This list is an example only and may be adjusted to meet local requirements.

*required to enable data to be returned centrally

ANNUAL TARGET DENOMINATOR (HUMAN PAPILOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length:	n6
HES item:	
National Codes:	
Default Codes:	

Notes:

This is the annual TARGET POPULATION or denominator for the Human Papillomavirus vaccine monitoring Immunisation Programme.

Most Primary Care Trusts will run a Schools-based programme, but some may choose not to.

For a Schools based programme: the denominator for each TARGET POPULATION is:

1. the total females on the rolls for all Schools/Colleges within the Primary Care Trust boundary; plus
2. any females in the TARGET POPULATION that the Primary Care Trust is the Responsible Primary Care Trust for, that are not otherwise offered the vaccine (i.e. those not on any School roll (e.g. educated at home)); plus

- any females that the Primary Care Trust is the Responsible Primary Care Trust for, that attend Schools in another Primary Care Trust without a Schools based programme

For a non-Schools based programme: the denominator for each TARGET POPULATION is:

- any females in the birth TARGET POPULATION that the Primary Care Trust is the Responsible Primary Care Trust for; but excluding
- any females that the Primary Care Trust is the Responsible Primary Care Trust for, that are on the School roll in another Primary Care Trust with a Schools based programme.

In this case, 'Female' refers to an individual born with (PERSON GENDER TYPE National Code 01 'Person Gender at Registration') a PERSON GENDER CODE of National Code 2 'Female'.

ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

ANNUAL TARGET DENOMINATOR (HUMAN PAPILLOMAVIRUS VACCINE)

Attribute:

TARGET POPULATION

HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length:	n2
HES item:	
National Codes:	
Default Codes:	

Notes:

This is the STAGE NUMBER for the Immunisation Programme TARGET POPULATION for the Human Papillomavirus Vaccine of either 'routine' or 'catch up'.

The following table identifies each HEALTH PROGRAMME STAGE with the year the Human Papillomavirus immunisation is first administered.

Identifier	Description
01	1st routine collection in 2008/09 12-13 year olds Birth dates 1/9/1995 - 31/8/1996
02	Catch up collection in 2008/09 17-18 year olds Birth dates 1/9/1990 - 31/8/1991
03	2nd routine collection in 2009/2010 12-13 year olds Birth dates 1/9/1996 - 31/8/1997
04	Catch up collection in 2009/2010 16-17 year olds Birth dates 1/9/1992 - 31/8/1993
05	Catch up collection in 2009/2010 17-18 year olds Birth dates 1/9/1991 - 31/8/1992
06	3rd routine collection in 2010/2011 12-13 year olds Birth dates 1/9/1997 - 31/8/1998
07	Catch up collection in 2010/2011 15-16 year olds Birth dates 1/9/1993 - 31/8/1994
08	Catch up collection in 2010/2011 16-17 year olds Birth dates 1/9/1994 - 31/8/1995
09	4th routine collection in 2011/2012 12-13 year olds Birth dates 1/9/1998 - 31/8/1999
	Onwards - increment dates by 1 year for each subsequent TARGET POPULATION - routine collections only - catch up HEALTH PROGRAMME STAGES completed 2010/11

HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

LOCATION TYPE (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length:	n3
HES item:	
National Codes:	
Default Codes:	096 - Other

Notes:

The LOCATION TYPE where the Human Papillomavirus vaccine was administered.

The codes to be used are as follows:

003	GP Practice Premises other than Health Centre
070	Health Clinic/Community Clinic. This is derived from Location Type Codes 002 'Health Centre', 019 'Health Clinic managed by the NHS' and 020 'Health Clinic managed by Voluntary or Private Agents'
080	Educational Establishment Premises. This is derived from Location Type Codes 029 'Educational Establishment Premises managed by Local Authority or Grant Maintained' and 030 'Educational Establishment Premises managed by Voluntary or Private Agents'
096	Other

Note: If a GP Practice is also based at a Health Centre, those vaccinations administered by the GP Practice should be recorded under 003 'GP Practice Premises other than Health Centre'.

LOCATION TYPE (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

LOCATION TYPE (HUMAN PAPILLOMAVIRUS VACCINE)

Attribute:

LOCATION TYPE CODE

ORGANISATION CODE (PRIMARY CARE TRUST FOR HPV VACCINE)

Change to Data Element: New Data Element

Format/length:	an3 - see ORGANISATION CODE
HES item:	
National Codes:	
Default Codes:	

This is the ORGANISATION CODE of the Primary Care Trust for the Human Papillomavirus Immunisation

Programme. This covers any children for whom the Primary Care Trust is the Responsible Primary Care Trust plus, for a Schools based programme, all children at Educational Establishments within its boundary.

ORGANISATION CODE (PRIMARY CARE TRUST FOR HPV VACCINE)

Change to Data Element: New Data Element

ORGANISATION CODE (PRIMARY CARE TRUST FOR HPV VACCINE)

Attribute:

ORGANISATION CODE

ORGANISATION CODE (RESPONSIBLE PCT)

Change to Data Element: Changed Description

Format/length: an3 - see [ORGANISATION CODE](#)
HES item:
National Codes:
Default Codes:

This is the [ORGANISATION CODE](#) of the responsible [Primary Care Trust](#). This is the [ORGANISATION CODE](#) of the Responsible Primary Care Trust.

The [Primary Care Trust](#) is responsible for a population which comprises:

- those [PERSONS](#) registered with [General Medical Practitioner Practices](#) whose practices are within the [Primary Care Trust](#), irrespective of whether they reside within the boundary of the [Primary Care Trust](#), plus
- those [PERSONS](#) who are not registered with any [General Medical Practitioner Practice](#) but who reside in the [Primary Care Trust](#)'s [GEOGRAPHIC AREA](#).

PHARMACEUTICAL PRODUCT STOCK DOSES RECEIVED TOTAL (HUMAN PAPILOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length: n6
HES item:
National codes
Default codes

Notes:

This is the amount of [PHARMACEUTICAL PRODUCT STOCK](#) received by the [ORGANISATION](#), calculated by using the [PHARMACEUTICAL STOCK ADJUSTMENT TYPE](#) of National Code 1 'Delivery' and [PHARMACEUTICAL STOCK ADJUSTMENT AMOUNTS](#) for doses of the Human Papillomavirus vaccine at the end of the [REPORTING PERIOD](#).

PHARMACEUTICAL PRODUCT STOCK DOSES RECEIVED TOTAL (HUMAN PAPILOMAVIRUS VACCINE)

Change to Data Element: New Data Element

PHARMACEUTICAL PRODUCT STOCK DOSES RECEIVED TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

PHARMACEUTICAL PRODUCT STOCK DOSES TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length: n6
HES item:
National codes
Default codes

Notes:

This is the amount of PHARMACEUTICAL PRODUCT STOCK for doses of Human Papillomavirus vaccine at the start of the REPORTING PERIOD, calculated using the PHARMACEUTICAL STOCK ADJUSTMENT TYPE of National Code 1 'Delivery' and PHARMACEUTICAL STOCK ADJUSTMENT AMOUNTS and PHARMACEUTICAL STOCK ADJUSTMENT TYPES (i.e. deliveries being added and the used or unusable subtracted).

PHARMACEUTICAL PRODUCT STOCK DOSES TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

PHARMACEUTICAL PRODUCT STOCK DOSES TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

PHARMACEUTICAL PRODUCT STOCK DOSES UNUSABLE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length: n6
HES item:
National codes
Default codes

Notes:

This is the amount of PHARMACEUTICAL PRODUCT STOCK that was unusable, calculated by using the PHARMACEUTICAL STOCK ADJUSTMENT TYPE of National Code 3 'Unusable' and PHARMACEUTICAL STOCK ADJUSTMENT AMOUNT for doses of the Human Papillomavirus vaccine by the end of the REPORTING PERIOD.

PHARMACEUTICAL PRODUCT STOCK DOSES UNUSABLE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

PHARMACEUTICAL PRODUCT STOCK DOSES UNUSABLE TOTAL (HUMAN PAPIILLOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

VACCINE DOSES ADMINISTERED AT LOCATION TOTAL (HUMAN PAPIILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length: n6
HES item:
National Codes:
Default Codes:

Notes:

This is the total number of **Immunisation Doses Given** of the Human Papillomavirus vaccine administered at a particular **LOCATION TYPE (HUMAN PAPIILLOMAVIRUS VACCINE)** within the **REPORTING PERIOD**.

VACCINE DOSES ADMINISTERED AT LOCATION TOTAL (HUMAN PAPIILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

VACCINE DOSES ADMINISTERED AT LOCATION TOTAL (HUMAN PAPIILLOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

VACCINE GIVEN FIRST DOSE TOTAL (HUMAN PAPIILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length: n6
HES item:
National Codes:
Default Codes:

Notes:

This is the cumulative total number of **Immunisation Doses Given** that are **IMMUNISATION COURSE TYPE CODE** National Code 05 'First dose' for the **VACCINE PREVENTABLE DISEASE** National Code 18 'Human Papillomavirus' within the **HEALTH PROGRAMME STAGE**, identified by the **HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPIILLOMAVIRUS VACCINE)**, given since 1st September of the **School Year** of the **REPORTING PERIOD**.

For the HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set, this will be the final total number of **Immunisation Doses Given** that are **IMMUNISATION COURSE TYPE CODE** National Code 05 'First dose' for the **VACCINE PREVENTABLE DISEASE** National Code 18 'Human Papillomavirus' given over the year

since 1st September of the School Year of the REPORTING PERIOD.

VACCINE GIVEN FIRST DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

VACCINE GIVEN FIRST DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

VACCINE GIVEN SECOND DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length:	n6
HES item:	
National Codes:	
Default Codes:	

Notes:

This is the cumulative total number of Immunisation Doses Given that are IMMUNISATION COURSE TYPE CODE National Code 06 'Second dose' for the VACCINE PREVENTABLE DISEASE National Code 18 'Human Papillomavirus' within the HEALTH PROGRAMME STAGE, identified by the HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILLOMAVIRUS VACCINE), given since 1st September of the School Year of the REPORTING PERIOD.

For the HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set, this will be the final total number of Immunisation Doses Given that are IMMUNISATION COURSE TYPE CODE National Code 06 'Second dose' for the VACCINE PREVENTABLE DISEASE National Code 18 'Human Papillomavirus' given over the year since 1st September of the School Year of the REPORTING PERIOD.

VACCINE GIVEN SECOND DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

VACCINE GIVEN SECOND DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

VACCINE GIVEN THIRD DOSE TOTAL (HUMAN PAPILLOMAVIRUS VACCINE)

Change to Data Element: New Data Element

Format/length:	n6
HES item:	
National Codes:	
Default Codes:	

Notes:

This is the cumulative total number of Immunisation Doses Given that are IMMUNISATION COURSE TYPE CODE National Code 07 'Third dose' for the VACCINE PREVENTABLE DISEASE National Code 18 'Human Papillomavirus' within the HEALTH PROGRAMME STAGE, identified by the HEALTH PROGRAMME STAGE NUMBER (HUMAN PAPILOMAVIRUS VACCINE), given since 1st September of the School Year of the REPORTING PERIOD.

For the HPV Immunisation Programme Vaccine Monitoring Annual Minimum Data Set, this will be the final total number of Immunisation Doses Given that are IMMUNISATION COURSE TYPE CODE National Code 07 'Third dose' for the VACCINE PREVENTABLE DISEASE National Code 18 'Human Papillomavirus' given over the year since 1st September of the School Year of the REPORTING PERIOD.

VACCINE GIVEN THIRD DOSE TOTAL(HUMAN PAPILOMAVIRUS VACCINE)

Change to Data Element: New Data Element

VACCINE GIVEN THIRD DOSE TOTAL(HUMAN PAPILOMAVIRUS VACCINE)

Attribute:

There are no data links on this item.

GENERIC PRESCRIBABLE ITEM

Change to Class: Changed Description, Attributes, Relationships

A subtype of PHARMACEUTICAL PRODUCT.

A drug, appliance, dressing or reagent that can be prescribed for the treatment of PATIENTS using a generic rather than a proprietary name. This generic name is a British Approved Name, International Non-proprietary Name, US Adopted Name or the scientific name of the active ingredients.

References:

The Drug Tariff

GENERIC PRESCRIBABLE ITEM

Change to Class: Changed Description, Attributes, Relationships

Attributes of this Class are:

✳ PRESCRIBABLE_ITEM_IDENTIFIER

This class has no attributes.

GENERIC PRESCRIBABLE ITEM

Change to Class: Changed Description, Attributes, Relationships

Each GENERIC PRESCRIBABLE ITEM

may be labelled as one or more GENERIC PRESCRIBABLE ITEM NAME

may be in packs of one or more NHS NOTIONAL PACK SIZE
~~may be requested as one or more PRESCRIBED ITEM~~
may be labelled as one or more PROPRIETARY PRODUCT
may be comprised of one or more SUBSTANCE IN MEDICAMENT

PHARMACEUTICAL PRODUCT

Change to Class: New Class

Subtypes of PHARMACEUTICAL PRODUCT are:

GENERIC PRESCRIBABLE ITEM
PROPRIETARY PRODUCT

A drug, appliance, dressing or reagent that can be prescribed as a CLINICAL INTERVENTION.

PHARMACEUTICAL PRODUCT

Change to Class: New Class

Attributes of this Class are:

K PRESCRIBABLE_ITEM_IDENTIFIER

PHARMACEUTICAL PRODUCT

Change to Class: New Class

Each PHARMACEUTICAL PRODUCT

may be supplied from one or more PHARMACEUTICAL PRODUCT STOCK
may be requested for provision as one or more PRESCRIBED ITEM

PHARMACEUTICAL PRODUCT STOCK

Change to Class: New Class

The amount of or adjustments made to PHARMACEUTICAL PRODUCT held in stock by a particular ORGANISATION.

PHARMACEUTICAL PRODUCT STOCK

Change to Class: New Class

Attributes of this Class are:

K PRODUCT_STOCK_AMOUNT_ADDED
K PRODUCT_STOCK_AMOUNT_WASTED
 PRODUCT_STOCK_AMOUNT

PHARMACEUTICAL PRODUCT STOCK

Change to Class: New Class

Each PHARMACEUTICAL PRODUCT STOCK

K must be the stock belonging to one and only one ORGANISATION

K must be the stock of one and only one PHARMACEUTICAL PRODUCT

PRESCRIBED ITEM

Change to Class: Changed Description

~~A PROPRIETARY PRODUCT or a GENERIC PRESCRIBABLE ITEM the dispensation of which has been requested by a PRESCRIPTION.~~ A PHARMACEUTICAL PRODUCT the dispensation of which has been requested by a PRESCRIPTION.

PROPRIETARY PRODUCT

Change to Class: Changed Description, Attributes, Relationships

A subtype of PHARMACEUTICAL PRODUCT.

A presentation of one or more [GENERIC PRESCRIBABLE ITEMS](#) that has been or is expected to be produced by a manufacturer.

PROPRIETARY PRODUCT

Change to Class: Changed Description, Attributes, Relationships

Attributes of this Class are:

✦ PROPRIETARY_PRODUCT_IDENTIFIER
PRODUCT_MANUFACTURER

PROPRIETARY PRODUCT

Change to Class: Changed Description, Attributes, Relationships

Each PROPRIETARY PRODUCT

may be made up of one or more [GENERIC PRESCRIBABLE ITEM](#)

~~may be requested for provision to a patient as one or more [PRESCRIBED ITEM](#)~~

may be described by one or more [PRODUCT CHARACTERISTIC](#)

may be dispensed as one or more [PROPRIETARY PRODUCT IN PACK](#)

may be identified by one or more [PROPRIETARY PRODUCT NAME](#)

For enquiries about this Data Set Change Notice, please email datastandards@nhs.net