



## DATA SET CHANGE NOTICE

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<b>Reference No:</b>	<b>DSCN 28/2008</b>
<b>Version No:</b>	<b>1.0</b>
<b>Subject:</b>	<b>Removal of references to EDIFACT and NHS Wide Clearing Service (NWCS)</b>
<b>Type of Change:</b>	<b>Removal of information standard</b>
<b>Implementation Date:</b>	<b>December 2008</b>
<b>Business Justification:</b>	To ensure the text in the NHS Data Model and Dictionary is relevant and contemporary for users of the Data Dictionary, including the NHS and their System Suppliers.

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### Introduction

The NHS Data Model and Dictionary currently includes several redundant references to the use of EDIFACT and to the NHS Wide Clearing Service in supporting information, for example in relation to Hospital Episode Statistics. The purpose of this DSCN is to notify users that these references will be removed from the NHS Data Dictionary

### Background

#### The NHSCDS EDIFACT Message - CDS Version 4

Collection of Commissioning Data Sets (CDS) was historically undertaken using structured messages based upon the UN/EDIFACT standards as submitted to the NHS-Wide Clearing Service (NWCS). This service was de-commissioned in December 2006 and was replaced by the Secondary Uses Service.

The Secondary Uses Service initially supported the NHSCDS EDIFACT Message Version 4 format using a translation (into CDS-XML) facility; this was withdrawn and the support for the NHSCDS EDIFACT Message Version 4 was terminated from October 2007.

e-GIF Standards require governmental organisations to adopt XML based messaging standards. To comply with this requirement, the NHSCDS EDIFACT Message Version 4 was migrated to use XML standards and implemented as the CDSXML Message Version 5-0 to be used with the Secondary Uses Service. A newly enhanced CDS-XML Message Version 6-0 was introduced for NHS use from December 2007 onwards and the CDS-XML Message Version 6-0 was mandated from April 2008. As the use of the NHSCDS EDIFACT Message Version 4 has now been discontinued, references to this version and other references to EDIFACT in relation to CDS are to be removed from the NHS Data Model and Dictionary.

The obsolete CDSXML Message Version 5-0 is not supported by Secondary Uses Service release 4.

DSCN 24-2004 <http://www.connectingforhealth.nhs.uk/dscn/dscn2004/242004.pdf> replaced CDS-EDIFACT V3 as the standard for submission and transmission of Commissioning Data Set and MHMDS data with XML messages to transfer data. This was in response to the adoption of e-GIF messaging Standards across the NHS.

#### The NHS CDS Manual

The NHS CDS Manual was developed to support the EDIFACT based Commissioning Data Set Message and the NHS Wide Clearing Service. Following the introduction of XML messaging and of the Secondary Uses Service, the NHS CDS Manual Version 1.7 containing the specification for the NHSCDS EDIFACT Version 4 Message is largely outdated and has not been updated since it was last issued in December 2004.

Commissioning Data Set data item specifications, Content Charts and other information originally specified in the NHS CDS Manual have been progressively migrated into the NHS Data Model and Dictionary. The remaining content of the NHS CDS Manual has recently been reviewed and all content still relevant has been consolidated into the NHS Data Model and Dictionary and indexed as supporting information pages. References to the NHS-Wide Clearing Service (NWCS) are replaced with references to the Secondary Uses Service where appropriate.

### **Details of Change**

As the use of the NHSCDS EDIFACT Message Version 4 has now been discontinued, references to this version and other references to EDIFACT in relation to NHSCDS are to be removed from the NHS Data Model and Dictionary.

References to the NHS-Wide Clearing Service (NWCS) are replaced with references to the Secondary Uses Service where appropriate.

### **Effects on Other Information Standards**

Not applicable – the EDIFACT standard and NWCS have already been replaced with XML and Secondary Uses Service.

### **Sponsor Details**

Ken Lunn, Director of Data Standards and Products, Technology Office, NHS Connecting For Health

### **Further Information and Support**

Further guidance can be obtained by emailing [datastandards@nhs.net](mailto:datastandards@nhs.net)

### NHS Connecting for Health

#### NHS Data Model and Dictionary Service

<b>Reference:</b>	Change Request 901
<b>Version No:</b>	1.0
<b>Subject:</b>	Removal of references to EDIFACT and the NHS Wide Clearing Services (NWCS)
<b>Effective Date:</b>	1 December 2008
<b>Reason for Change:</b>	To remove out of date references to EDIFACT and the NHS Wide Clearing Service (NWCS) in the NHS Data Dictionary
<b>Publication Date:</b>	28 November 2008

#### Background:

##### The NHSCDS EDIFACT Message - CDS Version 4

Collection of Commissioning Data Sets (CDS) was historically undertaken using structured messages based upon the UN/EDIFACT standards as submitted to the NHS-Wide Clearing Service (NWCS). This service was de-commissioned in December 2006 and was replaced by the Secondary Uses Service.

The Secondary Uses Service initially supported the NHSCDS EDIFACT Message Version 4 format using a translation (into CDS-XML) facility; this was withdrawn and the support for the NHSCDS EDIFACT Message Version 4 was terminated from October 2007.

E-GIF Standards require governmental organisations to adopt XML based messaging standards. To comply with this requirement, the NHSCDS EDIFACT Message Version 4 was migrated to use XML standards and implemented as the CDSXML Message Version 5-0 to be used with the Secondary Uses Service. A newly enhanced CDS-XML Message Version 6-0 was introduced for NHS use from December 2007 onwards and it is expected that the CDS-XML Message Version 6-0 was mandated from April 2008. As the use of the NHSCDS EDIFACT Message Version 4 has now been discontinued, references to this version and other references to EDIFACT are to be removed from the NHS Data Model and Dictionary.

The obsolete CDSXML Message Version 5-0 is not supported by Secondary Uses Service release 4.

##### The NHS CDS Manual

The NHS CDS Manual was developed to support the EDIFACT based Commissioning Data Set Message and the NHS Wide Clearing Service. Following the introduction of XML messaging and of the Secondary Uses Service, the NHS CDS Manual Version 1.7 containing the specification for the NHSCDS EDIFACT Version 4 Message is largely outdated and has not been updated since it was last issued in December 2004. Commissioning Data Set data item specifications, Content Charts and other information originally specified in the NHS CDS Manual have been progressively migrated into the NHS Data Model and Dictionary. The remaining content of the NHS CDS Manual has recently been reviewed and all content still relevant has been consolidated into the NHS Data Model and Dictionary and indexed as supporting information pages. References to the NHS-Wide Clearing Service (NWCS) are replaced with references to the Secondary Uses Service where appropriate.

#### Summary of changes:

##### Data Set

<a href="#">ADMITTED PATIENT CARE CDS TYPE - DETAINED AND - OR LONG TERM PSYCHIATRIC CENSUS</a>	Changed Description
<a href="#">CDS MESSAGE TRAILER</a>	Changed Description
<a href="#">CDS V6 TYPE 170</a>	Changed Description

##### Supporting Information

<a href="#">CDS ADDRESSING GRID</a>	New Supporting Information
<a href="#">CDS DATA DUPLICATION</a>	New Supporting Information
<a href="#">CDS MANDATED DATA FLOWS</a>	New Supporting Information
<a href="#">CDS SUBMISSION AND PCT MERGERS</a>	New Supporting Information
<a href="#">CDS SUBMISSION PROTOCOL</a>	New Supporting Information
<a href="#">CDS-XML MESSAGE SCHEMA DESIGN</a>	New Supporting Information
<a href="#">CDS-XML MESSAGE SCHEMA DOCUMENTATION</a>	New Supporting Information
<a href="#">CDS-XML MESSAGE SCHEMA OVERVIEW</a>	New Supporting Information
<a href="#">CDS-XML SCHEMA VERSION NUMBERING</a>	New Supporting Information
<a href="#">COMMISSIONING DATA SET MESSAGE SCHEMA VERSIONS</a>	Changed Description

<a href="#">COMMISSIONING DATA SET OVERVIEW</a>	Changed Description
<a href="#">COMMISSIONING DATA SETS INTRODUCTION</a>	Changed Description
<a href="#">COMMISSIONING DATA SETS MENU</a>	Changed Description, Aliases
<a href="#">HEALTH &amp; SOCIAL CARE INFORMATION CENTRE</a>	Changed Description
<a href="#">HOSPITAL EPISODE STATISTICS</a>	New Supporting Information
<a href="#">HOSPITAL EPISODE STATISTICS CROSS REFERENCE TABLES</a>	Changed Description
<a href="#">MESSAGES INTRODUCTION</a>	New Supporting Information
<a href="#">SECONDARY USES SERVICE</a>	New Supporting Information
<a href="#">THE NHS DATA MODEL &amp; DICTIONARY ELEMENTS</a>	Changed Description

### **Class Definitions**

<a href="#">ADDRESS UNSTRUCTURED</a>	Changed Description
<a href="#">ETHNIC CATEGORY</a>	Changed Description

### **Attribute Definitions**

<a href="#">ETHNIC CATEGORY CODE</a>	Changed Description
<a href="#">PERSON MARITAL STATUS CODE</a>	Changed Description

### **Data Elements**

<a href="#">BIRTH DATE</a>	Changed Description
<a href="#">BIRTH DATE (BABY)</a>	Changed Description
<a href="#">BIRTH DATE (MOTHER)</a>	Changed Description
<a href="#">CATEGORY OF PATIENT</a>	Changed Description
<a href="#">CDS ACTIVITY DATE</a>	Changed Description
<a href="#">CDS APPLICABLE DATE</a>	Changed Description
<a href="#">CDS APPLICABLE TIME</a>	Changed Description
<a href="#">CDS CENSUS DATE</a>	Changed Description
<a href="#">CDS COPY RECIPIENT IDENTITY</a>	Changed Description, Aliases
<a href="#">CDS EXTRACT DATE</a>	Changed Description
<a href="#">CDS EXTRACT TIME</a>	Changed Description
<a href="#">CDS INTERCHANGE APPLICATION REFERENCE</a>	Changed Description
<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	Changed Description
<a href="#">CDS INTERCHANGE DATE OF PREPARATION</a>	Changed Description
<a href="#">CDS INTERCHANGE RECEIVER IDENTITY</a>	Changed Description
<a href="#">CDS INTERCHANGE SENDER IDENTITY</a>	Changed Description
<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	Changed Description
<a href="#">CDS INTERCHANGE TIME OF PREPARATION</a>	Changed Description
<a href="#">CDS MESSAGE REFERENCE</a>	Changed Description
<a href="#">CDS MESSAGE TYPE</a>	Changed Description
<a href="#">CDS MESSAGE VERSION NUMBER</a>	Changed Description
<a href="#">CDS PROTOCOL IDENTIFIER</a>	Changed Description
<a href="#">CDS RECORD IDENTIFIER</a>	Changed Description
<a href="#">CDS REPORT PERIOD END DATE</a>	Changed Description
<a href="#">CDS REPORT PERIOD START DATE</a>	Changed Description
<a href="#">CDS SENDER IDENTITY</a>	Changed Description
<a href="#">CDS TEST INDICATOR</a>	Changed Description
<a href="#">CDS UNIQUE IDENTIFIER</a>	Changed Description
<a href="#">DATE</a>	Changed Description
<a href="#">DELIVERY DATE</a>	Changed Description
<a href="#">DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE</a>	Changed Description
<a href="#">DIAGNOSIS SCHEME IN USE</a>	Changed Description
<a href="#">ETHNIC GROUP</a>	Changed linked Attribute, Description
<a href="#">HEALTHCARE RESOURCE GROUP CODE</a>	Changed Description
<a href="#">HRG DOMINANT GROUPING VARIABLE-PROCEDURE</a>	Changed Description
<a href="#">INVESTIGATION SCHEME IN USE</a>	Changed Description
<a href="#">LOCATION CLASS</a>	Changed Description
<a href="#">MHMDS CONTROL NUMBER</a>	Changed Description
<a href="#">MHMDS IGS TRANSLATION REFERENCE</a>	Changed Description
<a href="#">MHMDS RECORD COUNT</a>	Changed Description
<a href="#">MHMDS TEST INDICATOR</a>	Changed Description
<a href="#">ORGANISATION CODE (PCT OF RESIDENCE)</a>	Changed Description

<a href="#">ORGANISATION CODE TYPE</a>	Changed Description
<a href="#">PATIENT NAME</a>	Changed Description
<a href="#">PERSON BIRTH DATE</a>	Changed Description
<a href="#">PERSON FAMILY NAME</a>	Changed Description
<a href="#">PERSON GENDER AT REGISTRATION</a>	Changed Description
<a href="#">PERSON GENDER CURRENT</a>	Changed Description
<a href="#">PERSON GIVEN NAME</a>	Changed Description
<a href="#">PERSON INITIALS</a>	Changed Description
<a href="#">PERSON REQUESTED NAME</a>	Changed Description
<a href="#">PERSON TITLE</a>	Changed Description
<a href="#">PROCEDURE SCHEME IN USE</a>	Changed Description
<a href="#">PROVIDER REFERENCE NUMBER</a>	Changed Description
<a href="#">SEX</a>	Changed Description
<a href="#">TIME</a>	Changed Description
<a href="#">UK TELEPHONE NUMBER</a>	Changed Description

**Packages**

<a href="#">CDS SUPPORTING INFORMATION</a>	New Package
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**Date:** 28 November 2008

**Sponsor:** Ken Lunn, Director of Data Standards and Products, Technology Office, NHS Connecting for 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.

**ADMITTED PATIENT CARE CDS TYPE - DETAINED AND - OR LONG TERM PSYCHIATRIC CENSUS**

Change to Data Set: Changed Description

**ADMITTED PATIENT CARE CDS TYPE - DETAINED AND - OR LONG TERM PSYCHIATRIC CENSUS**

~~The Admitted Patient Care Detained and/or Long Term Psychiatric Census Commissioning Data Set Type carries the data for a Detained and/or Long Term Psychiatric Census. This is a snapshot of a general episode, unfinished as at 31 March, for which either the patient is detained or the episode is part of a Hospital Provider Spell which has lasted longer than one year and for which the majority of time has been spent under the care of a consultant in one of the psychiatric specialties.~~

~~In the case of Trust mergers and demergers occurring, where the Hospital Provider Spell would have lasted longer than one year except for the merger/demerger, patients should be included. The Organisation Code (Code of Provider) will be that of the organisation in existence as at the 31st March census date.~~

~~The column headed Opt (Optionality) shows whether the data element is Mandatory (M) or Optional (O) in the CDS:~~

~~The column headed HES indicates whether the data element is extracted from the NWCS database for Hospital Episode Statistics. A filled circle in the column indicates that it is extracted if present, a blank indicates that it is not extracted. Note that HES records contain derived items. The table below indicates the base data from which these items are derived, and the CDS/HES cross reference table will show the derivation:~~

The Admitted Patient Care Detained and/or Long Term Psychiatric Census Commissioning Data Set Type carries the data for a Detained and/or Long Term Psychiatric Census.

The Health & Social Care Information Centre require a snapshot of a general episode, unfinished as at 31 March, for which either the patient is detained or the episode is part of a Hospital Provider Spell which has lasted longer than one year and for which the majority of time has been spent under the care of a consultant in one of the psychiatric specialties.

In the case of Trust mergers and demergers occurring, where the Hospital Provider Spell would have lasted longer than one year except for the merger/demerger, patients should be included. The ORGANISATION CODE (CODE OF PROVIDER) will be that of the organisation in existence as at the 31st March Census Date.

Organisations may, by local agreement, make other submissions of the Psychiatric Census. Care must then be taken to ensure that the CDS CENSUS DATE chosen is compatible with the CDS Submission Protocol used.

The column headed Opt (Optionality) shows whether the data element is Mandatory (M) or Optional (O) in the Commissioning Data Set.

The column headed HES indicates whether the data element is extracted for Hospital Episode Statistics. A filled circle in the column indicates that it is extracted if present, a blank indicates that it is not extracted. Note that Hospital Episode Statistics records contain derived items. The table below indicates the base data from which these items are derived, and the Hospital Episode Statistics Cross Reference Tables will show the derivation.

Opt	CDS data element	U/A	HES
<b>Person Group (Patient):</b>			
To carry the personal details of the Patient. One occurrence of this Group is permitted.			
M	<a href="#">LOCAL PATIENT IDENTIFIER</a>		•
M	<a href="#">ORGANISATION CODE (LOCAL PATIENT IDENTIFIER)</a>		
M	<a href="#">ORGANISATION CODE TYPE</a>		
M	<a href="#">NHS NUMBER</a>		•
M	<a href="#">BIRTH DATE</a>		•
O	<a href="#">CARER SUPPORT INDICATOR</a>		•
M	<a href="#">LEGAL STATUS CLASSIFICATION CODE (ON ADMISSION)</a>		•
M	<a href="#">LEGAL STATUS CLASSIFICATION CODE (AT CENSUS DATE)</a>		•
M	<a href="#">ETHNIC CATEGORY</a>		•
M	<a href="#">MARITAL STATUS</a>		•
M	<a href="#">NHS NUMBER STATUS INDICATOR</a>		•
M	<a href="#">SEX</a>		•
M	<a href="#">DATE DETENTION COMMENCED</a>		•
M	<a href="#">AGE AT CENSUS</a>		•
M	<a href="#">DURATION OF CARE TO PSYCHIATRIC CENSUS DATE</a>		•
M	<a href="#">DURATION OF DETENTION</a>		•
M	<a href="#">MENTAL CATEGORY</a>		•
M	<a href="#">STATUS OF PATIENT INCLUDED IN THE PSYCHIATRIC CENSUS</a>		•
O	<a href="#">NAME FORMAT CODE</a>		
O	<a href="#">PATIENT NAME</a>		
O	<a href="#">ADDRESS FORMAT CODE</a>		
O	<a href="#">PATIENT USUAL ADDRESS</a>		
M	<a href="#">POSTCODE OF USUAL ADDRESS</a>		•
M	<a href="#">ORGANISATION CODE (PCT OF RESIDENCE)</a>		•
M	<a href="#">ORGANISATION CODE TYPE</a>		

**Note:**

For reasons of confidentiality, the patient's preferred name and address (not including [POSTCODE OF USUAL ADDRESS](#)) must **not** be carried where a valid NHS Number is present.

<b>(HCA) Hospital Provider Spell - Activity Characteristics:</b>			
To carry the details of the Spell containing the Consultant Episode on the Psychiatric Census Date. One occurrence of this Group is permitted.			
M	<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>		•
M	<a href="#">ADMINISTRATIVE CATEGORY</a> (on admission)		•
M	<a href="#">PATIENT CLASSIFICATION</a>		•
M	<a href="#">ADMISSION METHOD (HOSPITAL PROVIDER SPELL)</a>		•
M	<a href="#">SOURCE OF ADMISSION (HOSPITAL PROVIDER SPELL)</a>		•
*	<a href="#">DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)</a> (Must not be used)		•
*	<a href="#">DISCHARGE DESTINATION (HOSPITAL PROVIDER SPELL)</a> (Must not be used)		•
M	<a href="#">START DATE (HOSPITAL PROVIDER SPELL)</a>		•

<b>(HCA) Consultant Episode - Activity Characteristics:</b>			
To carry the details of the Consultant Episode on the Psychiatric Census Date. One occurrence of this Group is permitted.			
M	<a href="#">EPISODE NUMBER</a>		•
M	<a href="#">PSYCHIATRIC PATIENT STATUS</a>		•
M	<a href="#">START DATE (CONSULTANT EPISODE)</a>		•

<b>(HCA) Consultant Episode - Service Agreement Details:</b>			
To carry the details of the Service Agreement for the Consultant Episode on the Psychiatric Census Date.			

M	<a href="#">COMMISSIONING SERIAL NUMBER</a>		•
O	<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>		
O	<a href="#">PROVIDER REFERENCE NUMBER</a>		
M	<a href="#">COMMISSIONER REFERENCE NUMBER</a>		
M	<a href="#">ORGANISATION CODE (CODE OF PROVIDER)</a>		•
M	<a href="#">ORGANISATION CODE TYPE</a>		
M	<a href="#">ORGANISATION CODE (CODE OF COMMISSIONER)</a>		•
M	<a href="#">ORGANISATION CODE TYPE</a>		

**(HCA) Consultant Episode - Person Group (Consultant):**

To carry the details of the responsible Consultant on the Psychiatric Census Date. One occurrence of this Group is permitted.

M	<a href="#">CONSULTANT CODE</a>		•
M	<a href="#">MAIN SPECIALTY CODE</a>		•
M	<a href="#">TREATMENT FUNCTION CODE</a>		•

**(HCA) Consultant Episode - Clinical Information Group (ICD):**

To carry the details of the ICD Diagnosis Scheme and the Diagnoses on the Psychiatric Census Date. Up to 13 occurrences of this Group are permitted.

M	<a href="#">DIAGNOSIS SCHEME IN USE</a>		
M	<a href="#">PRIMARY DIAGNOSIS (ICD)</a>		•
M	<a href="#">SECONDARY DIAGNOSIS (ICD)</a> (1st to 12th, there may be up to 12 repetitions)		•

**(HCA) Consultant Episode - Clinical Information Group (READ):**

To carry the details of the READ Diagnosis Scheme and the Diagnoses on the Psychiatric Census Date. Up to 13 occurrences of this Group are permitted.

O	<a href="#">DIAGNOSIS SCHEME IN USE</a>		
O	<a href="#">PRIMARY DIAGNOSIS (READ)</a>		
O	<a href="#">SECONDARY DIAGNOSIS (READ)</a> (1st to 12th, there may be up to 12 repetitions)		

**(HCA) Consultant Episode - Location Group - Start of Episode:**

To carry the details of the Ward Type at the start of the Consultant Episode. One occurrence of this Group is permitted.

M	<a href="#">LOCATION CLASS</a>		
M	<a href="#">SITE CODE (OF TREATMENT)</a> (at start of episode)		•
M	<a href="#">ORGANISATION CODE TYPE</a>		
O	<a href="#">INTENDED CLINICAL CARE INTENSITY</a>		•
O	<a href="#">AGE GROUP INTENDED</a>		•
O	<a href="#">SEX OF PATIENTS</a>		•
O	<a href="#">WARD DAY PERIOD AVAILABILITY</a>		•
O	<a href="#">WARD NIGHT PERIOD AVAILABILITY</a>		•

**(HCA) Consultant Episode - Location Group - Ward Stay at Psychiatric Census Date:**

To carry the details of the Ward Type at Psychiatric Census Date. One occurrence of this Group is permitted.

M	<a href="#">LOCATION CLASS</a>		
M	<a href="#">SITE CODE (OF TREATMENT)</a>		•
M	<a href="#">ORGANISATION CODE TYPE</a>		
M	<a href="#">INTENDED CLINICAL CARE INTENSITY</a>		•
M	<a href="#">AGE GROUP INTENDED</a>		•
M	<a href="#">SEX OF PATIENTS</a>		•
M	<a href="#">WARD DAY PERIOD AVAILABILITY</a>		•
M	<a href="#">WARD NIGHT PERIOD AVAILABILITY</a>		•
M	<a href="#">DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE</a>		•

**(HCA) GP Registration:**



To carry the details of the Patient's Registered GMP. One occurrence of this Group is permitted.			
M	<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>		→
⊖	<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>		→
O	<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>		•
M	<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>		•
O	<a href="#">ORGANISATION CODE TYPE</a>		

(HCA) Referral:			
To carry the details of the referrer. One occurrence of this Group is permitted.			
M	<a href="#">REFERRER CODE</a>		•
M	<a href="#">REFERRING ORGANISATION CODE</a>		•
M	<a href="#">ORGANISATION CODE TYPE</a>		

(HCA) Elective Admission List Entry:			
To carry the details of the Elective Admission List Entry. One occurrence of this Group is permitted.			
M	<a href="#">DURATION OF ELECTIVE WAIT</a>		•
M	<a href="#">INTENDED MANAGEMENT</a>		•
M	<a href="#">DECIDED TO ADMIT DATE</a> (for this provider)		•

(HCA) Healthcare Resource Group Activity - Activity Characteristics:			
To carry the details of the Healthcare Resource Group where required. If users do not want to send HRGs, the segments may be omitted. Each CDS may contain only a single occurrence of this Group.			
O	<a href="#">HEALTHCARE RESOURCE GROUP CODE</a>		•
O	<a href="#">HEALTHCARE RESOURCE GROUP CODE-VERSION NUMBER</a>		•

(HCA) Healthcare Resource Group Activity - Clinical Activity Group:			
To carry the details of the HRG Dominant Grouping Variable - Procedure. Only one Procedure either OPCS or READ may be specified			
O	<a href="#">PROCEDURE SCHEME IN USE</a>		
O	<a href="#">HRG DOMINANT GROUPING VARIABLE-PROCEDURE</a>		•

**CDS MESSAGE TRAILER**

Change to Data Set: Changed Description

<b>CDS Interchanges submitted or received must use the correct CDS Header and Trailer Controls to provide Interchange and Message addressing and identification.</b>		
Every CDS Interchange must consist of: <b>CDS INTERCHANGE HEADER - Mandatory - One per CDS Interchange</b> <b>CDS MESSAGE HEADER - Mandatory - One per CDS Message</b> <b>CDS MESSAGE DATA - As defined for the specific CDS Type</b> <b>CDS MESSAGE TRAILER - Mandatory - One per CDS Message</b> <b>CDS INTERCHANGE TRAILER - Mandatory - One per CDS Interchange</b>		
Multiple CDS messages are usually sent in a single CDS Interchange. Multiple CDS Interchanges may be sent in a single network transport session.		
The CDS Message Trailer signifies the end of a CDS Message and contains control information for the Message.		
Opt	CDS Data Element	Note
M	<del>NO OF SEGMENTS IN MESSAGE (NHS CDS EDIFACT Message only)</del>	
M	<a href="#">NO OF SEGMENTS IN MESSAGE</a>	
M	<a href="#">CDS MESSAGE REFERENCE</a>	

**CDS V6 TYPE 170**

Change to Data Set: Changed Description

**CDS V6 TYPE 170 - ADMITTED PATIENT CARE - DETAINED AND/OR LONG TERM PSYCHIATRIC CENSUS CDS**

The Detained and/or Long Term Psychiatric CDS Type carries the data for the Psychiatric Census.

~~This is a snapshot of a General Episode unfinished as at 31 March each year for which the patient is detained or the Episode is part of a Hospital Provider Spell which has lasted longer than one year and for which the majority of time has been spent under the care of a Consultant in one of the psychiatric specialties.~~ The Health & Social Care Information Centre require a record for every patient admitted as at 31 March each year for which the patient is detained or the Episode is part of a Hospital Provider Spell which has lasted longer than one year and for which the majority of time has been spent under the care of a Consultant in one of the psychiatric specialties.

In the case of Trust mergers and demergers occurring, where the Hospital provider Spell would have lasted longer than one year except for the merger / demerger, patients should be included. ~~The Organisation Code (Code of Provider) will be that of the organisation in existence as at the 31 March Census date.~~ The Organisation Code (Code of Provider) will be that of the organisation in existence as at the 31 March Census Date.

Organisations may, by local agreement make submissions of the Psychiatric Census other than at 31st March each year. Care must be taken to ensure that the CDS ACTIVITY DATE chosen is compatible with the CDS Submission Protocol used.

The CDS TYPE 170 consists of the following CDS Data Groups:

INTERCHANGE, MESSAGE and CDS TRANSACTION HEADERS and TRAILERS (shown independently)

PATIENT PATHWAY

PATIENT IDENTITY

PATIENT CHARACTERISTICS

PATIENT PSYCHIATRIC CHARACTERISTICS

HOSPITAL PROVIDER SPELL

CONSULTANT EPISODE

GP REGISTRATION

REFERRAL

EAL ENTRY

HEALTHCARE RESOURCE GROUP

The markers in the columns "OPT, U/A and HES" indicate the NHS recommendations for the inclusion of data:

**M** = Mandatory - data must be included **where** available

**O** = Optional - data need not be included

**\*** = Must **Not** Be Used

~~**R** in the column headed **U/A** indicates the data is required in the Unfinished Episode / Annual Census of Unfinished Episode record and on an End of Year Census record.~~ **R** in the column headed **U/A** indicates the data is required in the Unfinished Episode / Annual Census of Unfinished Episode records and in End of Year Census records.

~~An entry in the column headed **HES** indicates that the data element is extracted from the SUS database for Hospital Episode Statistics. Data extracted for HES purposes contains some derived items. The CDS/HES Cross reference Tables show these derivations.~~ An entry in the column headed **HES** indicates that the data element is extracted from the Secondary Uses Service database for Hospital Episode Statistics. Data extracted for Hospital Episode Statistics purposes contains some derived items. The Hospital Episode Statistics Cross Reference Tables show these derivations.

~~CDS V6 TYPE 170 - THE DETAINED and/or LONG TERM PSYCHIATRIC CDS~~

CDS V6 TYPE 170 - THE DETAINED and/or LONG TERM PSYCHIATRIC CDS

CDS DATA GROUP: PATIENT PATHWAY:

To carry the details of the Patient Pathway.

One optional occurrence of this Group is permitted.

Opt	CDS data element	U/A	HES
O	<a href="#">UNIQUE BOOKING REFERENCE NUMBER (CONVERTED)</a>		
O	<a href="#">PATIENT PATHWAY IDENTIFIER</a>		
O	<a href="#">ORGANISATION CODE (PATIENT PATHWAY IDENTIFIER ISSUER)</a>		
O	<a href="#">REFERRAL TO TREATMENT STATUS</a>		
O	<a href="#">REFERRAL TO TREATMENT PERIOD START DATE</a>		
O	<a href="#">REFERRAL TO TREATMENT PERIOD END DATE</a>		
*	LEAD CARE ACTIVITY INDICATOR (Not defined or approved by the Information Standards Board)		

CDS DATA GROUP: PATIENT IDENTITY:

To carry the Identity details of the Patient.

One occurrence of this Group is permitted.

Opt	CDS data element	U/A	HES
M	<a href="#">LOCAL PATIENT IDENTIFIER</a>		•
M	<a href="#">ORGANISATION CODE (LOCAL PATIENT IDENTIFIER)</a>		
M	<a href="#">NHS NUMBER</a>		•
M	<a href="#">NHS NUMBER STATUS INDICATOR</a>		•
O	<a href="#">PATIENT NAME</a>		
O	<a href="#">PATIENT USUAL ADDRESS</a>		
M	<a href="#">POSTCODE OF USUAL ADDRESS</a>		•
M	<a href="#">ORGANISATION CODE (PCT OF RESIDENCE)</a>		•

**Note:**

For reasons of confidentiality, the patient's preferred name and address (not including [POSTCODE OF USUAL ADDRESS](#) ) must **not** be carried where a valid NHS Number is present. For patients with sensitive conditions (as defined in DSCN 41/98/P26), all patient identifiable information must be removed from Commissioning Data Set records. This includes [LOCAL PATIENT IDENTIFIER](#), [ORGANISATION CODE \(LOCAL PATIENT IDENTIFIER\)](#), [NHS NUMBER](#), [PATIENT NAME](#), [PATIENT USUAL ADDRESS](#), [POSTCODE OF USUAL ADDRESS](#), [ORGANISATION CODE \(PCT OF RESIDENCE\)](#) and [PERSON BIRTH DATE](#) (in Patient Characteristics data group below).

**CDS DATA GROUP: PATIENT CHARACTERISTICS:**

To carry the Characteristics of the Patient.  
One occurrence of this Group is permitted.

Opt	CDS data element	U/A	HES
M	<a href="#">PERSON BIRTH DATE</a>		•
M	<a href="#">PERSON GENDER CURRENT</a>		•
O	<a href="#">CARER SUPPORT INDICATOR</a>		•
M	<a href="#">ETHNIC CATEGORY</a>		•
M	<a href="#">PERSON MARITAL STATUS</a>		•
M	<a href="#">LEGAL STATUS CLASSIFICATION CODE (ON ADMISSION)</a>		•

**CDS DATA GROUP: PSYCHIATRIC PATIENT CHARACTERISTICS:**

To carry the Psychiatric Characteristics of the Patient.  
One occurrence of this Group is permitted.

Opt	CDS data element	U/A	HES
M	<a href="#">LEGAL STATUS CLASSIFICATION CODE (AT CENSUS DATE)</a>		•
M	<a href="#">DATE DETENTION COMMENCED</a>		•
M	<a href="#">AGE AT CENSUS</a>		•
M	<a href="#">DURATION OF CARE TO PSYCHIATRIC CENSUS DATE</a>		•
M	<a href="#">DURATION OF DETENTION</a>		•
M	<a href="#">MENTAL CATEGORY</a>		•
M	<a href="#">STATUS OF PATIENT INCLUDED IN THE PSYCHIATRIC CENSUS</a>		•

**CDS DATA GROUP: HOSPITAL PROVIDER SPELL - Activity Characteristics:**

To carry the details of the Spell containing the Consultant Episode.  
One occurrence of this Group is permitted.

M	<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	R	•
M	<a href="#">ADMINISTRATIVE CATEGORY (ON ADMISSION)</a>	R	•
M	<a href="#">PATIENT CLASSIFICATION</a>	R	•
M	<a href="#">ADMISSION METHOD (HOSPITAL PROVIDER SPELL)</a>	R	•
M	<a href="#">SOURCE OF ADMISSION (HOSPITAL PROVIDER SPELL)</a>	R	•
M	<a href="#">START DATE (HOSPITAL PROVIDER SPELL)</a>	R	•
M	<a href="#">AGE ON ADMISSION</a>	R	•

**CDS DATA GROUP: CONSULTANT EPISODE - Activity Characteristics:**

To carry the details of the Consultant Episode on the Census Date.  
One occurrence of this Group is permitted.

M	<a href="#">EPISODE NUMBER</a>	R	•
*	<a href="#">ADMINISTRATIVE CATEGORY (AT START OF EPISODE)</a> (Not defined or approved by the Information Standards Board)	R	•
M	<a href="#">PSYCHIATRIC PATIENT STATUS</a>	R	•
M	<a href="#">START DATE (EPISODE)</a>	R	•
M	<a href="#">DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE</a>	R	•

From CDS Version 6 onwards this is the **mandatory** date used to derive the **mandatory** [CDS ACTIVITY DATE](#).

**CDS DATA GROUP: CONSULTANT EPISODE - Service Agreement Details:**  
To carry the details of the Service Agreement for the Consultant Episode on the Census Date.

M	<a href="#">COMMISSIONING SERIAL NUMBER</a>	R	•
O	<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	R	
O	<a href="#">PROVIDER REFERENCE NUMBER</a>		
M	<a href="#">COMMISSIONER REFERENCE NUMBER</a>		
M	<a href="#">ORGANISATION CODE (CODE OF PROVIDER)</a>	R	•
M	<a href="#">ORGANISATION CODE (CODE OF COMMISSIONER)</a>	R	•

**CDS DATA GROUP: CONSULTANT EPISODE - Person Group (Consultant):**  
To carry the details of the responsible Consultant on the Census Date.  
One occurrence of this Group is permitted.

M	<a href="#">CONSULTANT CODE</a>	R	•
M	<a href="#">MAIN SPECIALTY CODE</a>	R	•
M	<a href="#">TREATMENT FUNCTION CODE</a>	R	•

**CDS DATA GROUP: CONSULTANT EPISODE Clinical Diagnosis Group (ICD):**  
To carry the details of the ICD Diagnoses.

M	<a href="#">DIAGNOSIS SCHEME IN USE</a>		
M	<a href="#">PRIMARY DIAGNOSIS (ICD)</a>		•
M	<a href="#">SECONDARY DIAGNOSIS (ICD)</a> (Multiple occurrences may be recorded)		•

**CDS DATA GROUP: CONSULTANT EPISODE Clinical Diagnosis Group (READ):**  
To carry the details of the READ Diagnoses.

O	<a href="#">DIAGNOSIS SCHEME IN USE</a>		
O	<a href="#">PRIMARY DIAGNOSIS (READ)</a>		
O	<a href="#">SECONDARY DIAGNOSIS (READ)</a> (Multiple occurrences may be recorded)		

**CDS DATA GROUP: CONSULTANT EPISODE - Location Group At Start Of Episode:**  
To carry the details of the location at the start of the Consultant Episode.  
One occurrence of this Group is permitted.

M	<a href="#">LOCATION CLASS</a>		
M	<a href="#">SITE CODE (OF TREATMENT)</a> (at Start of Episode)		•
*	<a href="#">LOCATION TYPE</a> Definition and value list under review		
O	<a href="#">INTENDED CLINICAL CARE INTENSITY</a>		•
O	<a href="#">AGE GROUP INTENDED</a>		•
O	<a href="#">SEX OF PATIENTS</a>		•
O	<a href="#">WARD DAY PERIOD AVAILABILITY</a>		•
O	<a href="#">WARD NIGHT PERIOD AVAILABILITY</a>		•

**CDS DATA GROUP: CONSULTANT EPISODE - Location Group - Ward Stay At Census Date:**  
To carry the details of the location of the Consultant Episode at the Census Date.  
One occurrence of this Group is permitted.

M	<a href="#">LOCATION CLASS</a>		
M	<a href="#">SITE CODE (OF TREATMENT)</a> (at Census Date)		•
*	<a href="#">LOCATION TYPE</a> Definition and value list under review		
M	<a href="#">INTENDED CLINICAL CARE INTENSITY</a>		•
M	<a href="#">AGE GROUP INTENDED</a>		•
M	<a href="#">SEX OF PATIENTS</a>		•
M	<a href="#">WARD DAY PERIOD AVAILABILITY</a>		•
M	<a href="#">WARD NIGHT PERIOD AVAILABILITY</a>		•
O	<a href="#">DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE</a> (From CDS version 6 onwards, use of this date in this position is <b>optional</b> as the DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE <b>must</b> be carried in the Episode Characteristics.)		•

**CDS DATA GROUP: GP REGISTRATION:**

<b>To carry the Patient's General Medical Practitioner and General Practice details.</b> One occurrence of this Group is permitted.			
O	<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>	R	•
M	<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>	R	•
<b>CDS DATA GROUP: REFERRAL:</b> To carry the details of the referrer. One occurrence of this Group is permitted.			
M	<a href="#">REFERRER CODE</a>	R	•
M	<a href="#">REFERRING ORGANISATION CODE</a>	R	•
<b>CDS DATA GROUP: ELECTIVE ADMISSION LIST ENTRY:</b> To carry the details of the Elective Admission List Entry. One occurrence of this Group is permitted.			
M	<a href="#">DURATION OF ELECTIVE WAIT</a>	R	•
M	<a href="#">INTENDED MANAGEMENT</a>	R	•
M	<a href="#">DECIDED TO ADMIT DATE</a> (for this provider)	R	•
O	<a href="#">EARLIEST REASONABLE OFFER DATE</a>	R	•
<b>CDS DATA GROUP: HEALTHCARE RESOURCE GROUP - Activity Characteristics:</b> To carry the details of the Healthcare Resource Group. One occurrence of this Group is permitted.			
O	<a href="#">HEALTHCARE RESOURCE GROUP CODE</a>		•
O	<a href="#">HEALTHCARE RESOURCE GROUP CODE-VERSION NUMBER</a>		•
<b>CDS DATA GROUP: HEALTHCARE RESOURCE GROUP - Clinical Activity Group:</b> To carry the details of the HRG Dominant Grouping Variable - Procedure. Note that this will not apply when no operation was carried out. In this case, the segment referring to HRG Dominant Grouping Variable - Procedure should be omitted. One Procedure, either OPCS or READ, may be specified.			
O	<a href="#">PROCEDURE SCHEME IN USE</a>		
O	<a href="#">HRG DOMINANT GROUPING VARIABLE-PROCEDURE</a>		•

**CDS ADDRESSING GRID**

Change to Supporting Information: New Supporting Information

**Activity from 1st April 2005**

To help determine who has access to Commissioning Data Set data once it has been stored in the Secondary Uses Service, NHS Trusts and Primary Care Trusts need to identify each of those ORGANISATIONS as a CDS COPY RECIPIENT IDENTITY taking all of the following factors into account. Information is required to:

- monitor and manage NHS SERVICE AGREEMENTS;
- develop commissioning plans;
- monitor HEALTH PROGRAMMES;
- underpin clinical governance;
- understand the health needs of the population.

Main commissioners need access to data to monitor Non-Contract Activity as part of the management of their Service Agreements.

Primary Care Trusts need to monitor in-year referrals to investigate the sources and reasons for Non-Contract Activity.

Independent Sector Treatment Centres are responsible for providing Admitted Patient Care and Out-Patient Attendance Commissioning Data Set and may submit it on their own behalf or via a third party.

Other Independent Sector activity for NHS PATIENTS is the responsibility of the NHS commissioning body for the provision of the appropriate central returns and data sets.

The Department of Health require a complete record of all PATIENTS admitted to or treated as out-patients by NHS hospitals and Primary Care Trusts, including PATIENTS receiving private treatment. The record also includes NHS PATIENTS treated electively in the independent sector and overseas visitors.

A Patient /Service Agreement entry has been specifically introduced to identify activity commissioned by the National Specialised

Commissioning Group (NSCG). The code YDD82 should be used as the ORGANISATION CODE (CODE OF COMMISSIONER) for National Specialised Commissioning Group commissioned activity.

#### THE CDS ADDRESSING GRID - Activity from 1st April 2005

PATIENT / Service Agreement	CDS PRIME RECIPIENT IDENTITY	CDS COPY RECIPIENT IDENTITY		
	ORGANISATION CODE (PCT OF RESIDENCE)	ORGANISATION CODE (RESPONSIBLE PCT)	ORGANISATION CODE (CODE OF COMMISSIONER)	ORGANISATION CODE of Organisation to which costs of treatment accrue
PATIENT registered with General Medical Practitioner Practice with Primary Care Trust Service Agreement	M	R		
PATIENT not registered with a General Medical Practitioner Practice but resident in an area covered by a Primary Care Trust with a Primary Care Trust Service Agreement	M	R		
PATIENT registered with a General Medical Practitioner Practice treated as a Non-Contract Activity	M	R	R	
PATIENT not registered with a General Medical Practitioner Practice treated as a Non-Contract Activity	M	R	R	
Overseas visitor exempt from charges and not registered with a General Medical Practitioner Practice	M (TDH00)		R	
Overseas visitor exempt from charges and registered with a General Medical Practitioner Practice	M (TDH00)	R	R	
Overseas visitor liable for NHS charges and not registered with a General Medical Practitioner Practice	M (VPP00)			
Overseas visitor liable for NHS charges and registered with a General Medical Practitioner Practice	M (VPP00)	R		
PATIENT registered with General Medical Practitioner Practice with a Specialised Services & Other Commissioning Consortia Service Agreement	M	R		R
PATIENT not registered with General Medical Practitioner Practice with a Specialised Services & Other Commissioning Consortia Service Agreement	M	R		R
Private PATIENT	M	R		
National Specialised Commissioning Group commissioned	M	R		R (YDD82)

#### Key to population codes:

**R** - Data required for a Commissioning Data Set data flow as part of NHS business rules to meet NHS business requirements.

**M** - Data is mandatory in the CDS-XML schema and Commissioning Data Set messages will not flow if this data is absent.

#### Notes:

a) The CDS PRIME RECIPIENT IDENTITY must be allocated on the first creation and submission of a CDS TYPE and **must not change even if the ADDRESS or Primary Care Trust of the PATIENT changes during the lifetime of the Commissioning Data Set record** otherwise duplicate Commissioning Data Set data may be lodged in the Secondary Uses Service database.

See the supporting information in [CDS Submission Protocol](#) for a detailed explanation.

b). Note that if two recipients are identical for example, for example, the ORGANISATION CODE (PCT OF RESIDENCE) may be the same as the ORGANISATION CODE (CODE OF COMMISSIONER), **only one entry for that organisation should be made for that recipient.**

c). For further information please refer to **DSCN 06/2005, 19/2005 and DSCN 19/2006**.

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## CDS DATA DUPLICATION

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Change to Supporting Information: New Supporting Information

It is acknowledged that the **Secondary Uses Service** processes can be directed to create duplicate Commissioning Data Set records and on occasion to wrongly delete records. This may occur if data senders do not correctly apply the rules associated with the **CDS Submission Protocol** such as the protocol dates and the sender and recipient codes applicable to interchanges.

It is not advisable to mix the use of Bulk and Net protocol for Commissioning Data Set submissions for the same sender organisation and site code as duplication or wrongful record deletion can occur.

### Anticipating possible causes of duplication

Data senders can take steps to avoid Commissioning Data Set duplication in the **Secondary Uses Service** by anticipating situations which could result in changes to the data applied in the **CDS Submission Protocols**, and by taking action to ensure that key data items that need to be retained consistently in the lifetime of the Commissioning Data Set record are not changed.

Data senders should note the following guidance on situations where extra vigilance is needed and action to ensure consistent and correct application of data elements used in net or bulk protocols:

### Changes of address in patient demographic data

A change of **POSTCODE** following a change of **PATIENT USUAL ADDRESS** can change the **CDS PRIME RECIPIENT IDENTITY** in bulk update submissions. Where possible, data senders should monitor changes to postcodes when preparing Commissioning Data Set data for submission in order to help prepare to minimise its impact on the integrity of the Commissioning Data Set data.

### New Patient Care or other local systems used in Commissioning Data Set processing

When a new **PATIENT** care system or other system is implemented or used for preparing the Commissioning Data Set output data, it must be ensured that the Commissioning Data Set is generated to the appropriate specification required. The sender must ensure that any data events that may impact on key fields in the Commissioning Data Set are managed correctly.

For example, if the **CDS SENDER IDENTITY** is sourced from the new system it is important to check that its format will not be changed (eg from 5 to 3 characters, or inserting site codes in the 4th and 5th characters instead of zeros).

### Sub-contracting

If a provider sub-contracts healthcare services and associated Commissioning Data Set submissions to a second provider, both parties need to actively engage in coordinating their arrangements for Commissioning Data Set submissions, ensuring that **CDS Submission Protocol** rules are applied appropriately to maintain the Commissioning Data Set data integrity in the **Secondary Uses Service** database.

### New message translation supplier

If a provider changes bureau supplier arrangements for XML message translation, it is important that the new supplier is provided with the information required about the **CDS Submission Protocol** that has been used in previous Commissioning Data Set submissions in order to ensure that data integrity is maintained in the ongoing Commissioning Data Set messaging processes and in the **Secondary Uses Service** database.

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## CDS MANDATED DATA FLOWS

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Change to Supporting Information: New Supporting Information

The strategic direction originally set out within *Information for Health* is to develop comprehensive and consistent electronic health records for **PATIENTS** from clinical information flows.

Where CDS information is maintained, it should be submitted via the **Secondary Uses Service** which supports every **CDS TYPE** but only a subset is mandated to flow. The analysis of **CDS TYPEs** will remain important, and the submission of these data sets should continue on an at least a monthly basis.

The minimum Commissioning Data Set information flow requirement to enable **Hospital Episode Statistics** and **Payment by Results** to be supported by the **Secondary Uses Service** is shown in the table below, however it is strongly advised that all **NHS Trusts** should, as a minimum, commence migration to use the CDS-XML Version 6 Message for weekly Net Change submissions by March 2009 as this is the date mandated by the **"NHS Operating Framework"**.

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CDS TYPE	DESCRIPTION	MIN FREQ	DIRECTIVE	DATA FLOW
CDS 010	Accident And Emergency	Monthly	Accident And Emergency Attendances were mandated to flow nationally from 1st April 2005, see DSCN 32/2004	All A & E Attendances occurring during the time period being reported and defined by the CDS Submission Protocol being used.
CDS 020	Out-Patient	Monthly	Out-Patient Attendance CDSs (including Ward Attenders) were mandated to be submitted to the Secondary Uses Service from 1st October 2001, see DSCN 05/2001.  Nurse and Midwife attendances and Attendances for nursing care were enabled to be carried in the Out-Patient Attendance CDS from 1 April 2005, DSCN 32/2004.  Other Care Professional Attendances where an appropriate Treatment Function exists may also be submitted.	Due to the high volumes involved, these are often submitted on a weekly basis.
CDS 021	Future Out-Patients	As Required for piloting	From 01/01/2008, submissions to support local activities and commissioning will be supported for piloting purposes only.	.
CDS 030	Elective Admission List End of Period (Standard)	Monthly if used	All Providers should endeavour to support this data flow	All entries where at the end of the time period being reported and defined by the CDS Submission Protocol, the patient remains on the Elective Admission List. Optionally and by local agreement with commissioners, entries relating to the patients that have been removed from the Elective Admission List may be included.
CDS 040	Elective Admission List End of Period (New)	Monthly if used	Optional	May be submitted where the Commissioner has been changed during the time period reported.
CDS 050	Elective Admission List End of Period (Old)	Monthly if used	Optional	May be submitted where the Commissioner has been changed during the time period reported.
CDS 060	Elective Admission List Event During Period (Add)	Monthly if used	Optional	May be submitted where an entry has been added to the Elective Admission List during the time period reported.
CDS 070	Elective Admission List Event During Period (Remove)	Monthly if used	Optional	May be submitted where an entry has been removed from the Elective Admission List during the time period reported.
CDS 080	Elective Admission List Event During Period (Offer)	Monthly if used	Optional	May be submitted where an offer has been made during the time period reported.
CDS 090	Elective Admission List Event During Period (Available / Unavailable)	Monthly if used	Optional	May be submitted where a patient becomes Available or Unavailable during the time period reported.
CDS 100	Elective Admission List Event During Period (Old Service Agreement)	Monthly if used	Optional	May be submitted where the Commissioner has been changed during the time period reported.
CDS 110	Elective Admission List Event During Period (New Service Agreement)	Monthly if used	Optional	May be submitted where the Commissioner has been changed during the time period reported.
CDS 120	Finished Birth Episode	Monthly	All finished Admitted Patient Care data must be submitted "at least monthly" (EL - Dec 1995). This includes Out Of Area Treatments.	All Episodes that have finished relevant to the time period defined by the CDS Submission Protocol being used.
CDS 130	Finished General Episode	Monthly	All finished Admitted Patient Care data must be submitted "at least monthly" (EL - Dec 1995). This includes Non-Contract Activity.	All Episodes that have finished relevant to the time period defined by the CDS Submission Protocol being used.
CDS 140	Finished Delivery Episode	Monthly	All finished Admitted Patient Care data must be submitted <b>at least monthly</b> (EL - Dec 1995). This includes Non-Contract Activity.	All Episodes that have finished relevant to the time period defined by the CDS Submission Protocol being used.
CDS 150	Other Birth	Monthly	This includes Home Birth.	All Episodes that have finished relevant to the time period defined by the CDS Submission Protocol being used.
CDS 160	Other Delivery	Monthly	This includes Home Delivery.	All Episodes that have finished relevant to the time period defined by the CDS Submission Protocol being used.



CDS 170	The Detained and/or Long Term Psychiatric Census	Annually	Required by the <a href="#">Health &amp; Social Care Information Centre</a> .  May <i>optionally</i> be sent more regularly, usually monthly.	Reflects data as at the 31st March each year. All Episodes that are relevant to the time period defined by the <a href="#">CDS Submission Protocol</a> being used.
CDS 180	Unfinished Birth Episode	Annually	The Annual Census / Unfinished Census. Required by the <a href="#">Health &amp; Social Care Information Centre</a> .  May optionally be sent more regularly, usually monthly.	Data relating to episodes that were unfinished as at midnight on 31st March and have not been included in the Detained and/or Long Term Psychiatric Census, and have not been submitted to the <a href="#">Secondary Uses Service</a> in either Finished or Unfinished CDS data, must be submitted to the <a href="#">Secondary Uses Service</a> .
CDS 190	Unfinished General Episode	Annually	The Annual Census / Unfinished Census. Required by the <a href="#">Health &amp; Social Care Information Centre</a> .  May optionally be sent more regularly, usually monthly.	Data relating to episodes that were unfinished as at midnight on 31st March and have not been included in the Detained and/or Long Term Psychiatric Census, and have not been submitted to the <a href="#">Secondary Uses Service</a> in either Finished or Unfinished CDS data, must be submitted to the <a href="#">Secondary Uses Service</a> .
CDS 200	Unfinished Delivery Episode	Annually	The Annual Census / Unfinished Census. Required by the <a href="#">Health &amp; Social Care Information Centre</a> .  May optionally be sent more regularly, usually monthly.	Data relating to episodes that were unfinished as at midnight on 31st March and have not been included in the Detained and/or Long Term Psychiatric Census, and have not been submitted to the <a href="#">Secondary Uses Service</a> in either Finished or Unfinished CDS data, must be submitted to the <a href="#">Secondary Uses Service</a> .

In the above data flows, the validation criteria for each data element is shown in the [Commissioning Data Set Validation Table](#) as published in [DSCN 17/2007](#).

## CDS SUBMISSION AND PCT MERGERS

Change to Supporting Information: New Supporting Information

Organisations can function as independent senders of Commissioning Data Sets and have service level agreements with [Primary Care Trusts](#), [Acute or Mental Health Trusts](#) for the submission of this data. These agreements usually relate to clinical services that are subcontracted to that provider or where clinical services are facilitated on that site but owned by the commissioner of the agreement.

Organisational mergers of [Primary Care Trusts](#) and [NHS Trusts](#) do not always result in an immediate merger of IT facilities and their often disparate systems to enable a single flow of commissioning data to the [Secondary Uses Service](#). In this case, data flows to the [Secondary Uses Service](#) for multiple sites from multiple senders must be very carefully managed in order to avoid inadvertent deletion or duplication of records in the [Secondary Uses Service](#).

In these cases, Senders are strongly advised to only use the Net Change Update Mechanism of the [CDS Submission Protocol](#) as data integrity is more manageable using the Net Change process rather than the Bulk Replacement process.

### CDS Net Change

When using the Net Change process, multiple data flows from different sites or systems using the same [CDS INTERCHANGE SENDER IDENTITY](#) must ensure that each Commissioning Data Set record has a properly maintained [CDS UNIQUE IDENTIFIER](#).

If not, these submissions will most likely conflict and overwrite each other causing substantial data corruption in the [Secondary Uses Service](#) data base. It is recommended that wherever possible, individual sites or systems use a uniquely allocated [CDS INTERCHANGE SENDER IDENTITY](#) for submissions to the [Secondary Uses Service](#).

### CDS Bulk Replacement

When using the Bulk Replacement process, a sender must not make multiple data flows from different organisation sites or systems using the same [CDS SENDER IDENTITY](#) and provider site code or the interchanges will conflict and overwrite each other causing substantial data corruption in the [Secondary Uses Service](#) data base.

To prevent this happening, individual sites and systems within an organisation must use a unique [CDS SENDER IDENTITY](#) and provider site code combination for Commissioning Data Set submissions to the [Secondary Uses Service](#). This can be achieved by utilising Provider and Site Codes already registered with National Administrative Codes Service which will then differentiate multiple Commissioning Data Set flows for the same provider by using the last 2 digits of the [ORGANISATION CODE](#).

## End Of Year Considerations

It may be necessary to avoid changes to systems processes for multiple flows at the end of the financial year, and retain the ability to use the previously used [CDS Submission Protocol](#) for data submitted earlier in the year, until the organisation has completed any refresh of data for that year. This would then ensure a complete set of commissioning data for that year for Payment By Results and Hospital Episode Statistics purposes.

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## CDS SUBMISSION PROTOCOL

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Change to Supporting Information: New Supporting Information

The Commissioning Data Set messages submitted by providers carry information to determine the update method to be used by the [Secondary Uses Service](#) in order to update the national database.

These update rules are known as **The CDS Submission Protocol** and the set of data controls used to indicate this are carried in the Commissioning Data Set Transaction Header Group which must be present and correct in every [CDS TYPE](#) submitted to the [Secondary Uses Service](#).

Two Update Mechanisms are available:

- **Net Change** - to support the management of an individual [CDS TYPE](#) in the [Secondary Uses Service](#) database and enables Commissioning data to be inserted/ updated or deleted.  
***CDS Senders are expected to use the Net Change Update Mechanism wherever possible.***
- **Bulk Replacement** - to support the management of bulk commissioning data for an identified [CDS BULK REPLACEMENT GROUP](#) of data for a specified time period and for a specified [CDS PRIME RECIPIENT IDENTITY](#).  
***CDS Senders should only use the Bulk Replacement Update Mechanism in exceptional circumstances.***

It is strongly advised that all [NHS Trusts](#) should, as a minimum process, commence migration to use the CDS-XML Version 6 Message for weekly Net Change submissions by March 2009 as this is the date mandated by the "**NHS Operating Framework**".

### Net Change:

Net Change processes are managed by specific data settings as defined in the [CDS V6 TYPE 005N](#) option of the CDS Transaction Header Group. The [Secondary Uses Service](#) uses the following data to manage the database:

- [CDS SENDER IDENTITY](#)
- [CDS UNIQUE IDENTIFIER](#)
- [CDS APPLICABLE DATE](#)
- [CDS APPLICABLE TIME](#)

Each [CDS TYPE](#) must have a [CDS UNIQUE IDENTIFIER](#) which must be uniquely maintained for the life of that Commissioning Data Set record. This is a particular consideration where mergers and/or healthcare systems are changed or upgraded, see [CDS Submission And PCT Mergers](#). Any change to the [CDS UNIQUE IDENTIFIER](#) during the "lifetime" of a Commissioning Data Set record will almost certainly result in a duplicate record being lodged in the [Secondary Uses Service](#) database.

A Commissioning Data Set record delete transaction must be sent to the [Secondary Uses Service](#) database when any previously sent Commissioning Data Set record requires deletion/removal, for example to reflect Commissioner changes etc.

The [CDS APPLICABLE DATE](#) and [CDS APPLICABLE TIME](#) must be used to ensure that all Commissioning data is updated in the [Secondary Uses Service](#) database in the correct chronological order.

The [CDS SENDER IDENTITY](#) **must not change during the lifetime of the CDS data**.

This is particularly significant for multiple and/or merged organisations, and for those services who submit data on behalf of another [Primary Care Trust](#) or [NHS Trust](#).

### Bulk Replacement

Net Change processes are managed by specific data settings as defined in the [CDS V6 TYPE 005B](#) option of the CDS Transaction Header Group. The [Secondary Uses Service](#) uses the following data to manage the database:

- [CDS SENDER IDENTITY](#)
- [CDS BULK REPLACEMENT GROUP](#)
- [CDS EXTRACT DATE](#)

- CDS EXTRACT TIME
- CDS REPORT PERIOD START DATE
- CDS REPORT PERIOD END DATE
- CDS PRIME RECIPIENT IDENTITY

Every CDS TYPE must be submitted using the correct CDS BULK REPLACEMENT GROUP.

The CDS REPORT PERIOD START DATE and the CDS REPORT PERIOD END DATE, (i.e. the effective date period), must be valid and consistent, and reflect the dates relevant to the Commissioning data contained in the interchange.

The CDS SENDER IDENTITY must not change during the lifetime of the Commissioning Data Set record. This is particularly significant for multiple and/or merged organisations, and for those services who submit data on behalf of another Primary Care Trust or NHS Trust.

The CDS PRIME RECIPIENT IDENTITY must be identified in each Commissioning Data Set and must not be changed during the lifetime of the Commissioning Data Set record otherwise the data stored in the Secondary Uses Service database may lose its integrity (e.g. duplicate Commissioning data may be stored).

**For this reason it is advised that the ORGANISATION CODE (PCT OF RESIDENCE) should always be used to determine the CDS SENDER IDENTITY as detailed in the CDS Addressing Grid. Senders must also be aware that if the ORGANISATION CODE (PCT OF RESIDENCE) is itself derived from the PATIENT'S POSTCODE OF USUAL ADDRESS then great care must be taken to manage all elements of this relationship.**

**If it is necessary to change any of this data during the lifetime of a Commissioning Data Set record, then the Secondary Uses Service help desk should be contacted for advice.**

It is strongly advised that users of the Bulk Replacement Mechanism maintain a correctly generated CDS UNIQUE IDENTIFIER within the Commissioning data. This will establish a migration path towards the use of the Net Change Mechanism and will also then minimise the risk of creating duplicate Commissioning Data Set data.

### Sub contracting

If a Provider sub-contracts healthcare provision and its associated Commissioning Data Set submission to a second Provider, arrangements to submit the Commissioning Data Set data must be made locally to ensure that only one Provider sends the Commissioning Data Set data to the Secondary Uses Service.

If the second Provider wishes to add other Commissioning data to the Secondary Uses Service database to that already submitted by the first Provider, both parties need to ensure that a different CDS SENDER IDENTITY is used. Often this is done by changing the last 2 digits of the 5 digit code (the Site element of the Organisation Code).

**Note:** Data sent using the same CDS SENDER IDENTITY by two different parties will most likely overwrite each other's data in the Secondary Uses Service database. Further advice can be obtained from the Secondary Uses Service helpdesk.

Users should be aware of how the 15 character code of their CDS INTERCHANGE SENDER IDENTITY (also known as the EDI Address) is created. This may depend on how their XML interface solution has been set up. It may not be possible to rely on a change to the Provider Code in order to change the CDS INTERCHANGE SENDER IDENTITY should this become necessary.

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## CDS-XML MESSAGE SCHEMA DESIGN

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Change to Supporting Information: New Supporting Information

The use of XML has been mandated by the e-GIF programme as the standard to be used for messaging by government organisations and has accordingly been adopted by the NHS.

For the submission of Commissioning Data Set data to the Secondary Uses Service, XML based messaging has been developed to be fully adopted by the end of 2007, replacing all previously published Commissioning Data Set Message formats.

### Schema Standards

The overall standards applied and supported by the schema are:

- W3C schema standards
- e-Government Interoperability Framework (e-GIF)
- e-GOV Best Practice guidelines for XML Schema

- The NHS Data Model and Dictionary

### Schema Naming Conventions

These are in CamelCase reflecting recommended e-GOV guidelines for best practice. Wherever possible, schema data item names are compliant (or intuitively identifiable) with the NHS Data Model and Dictionary data naming conventions.

### Schema Components

The schema consists of the following components:

- The CDS-XML Message Root
- The CDS-XML Standard Data Structures
- The CDS-XML Standard Data Elements
- CDS TYPE Sub-Schemas

These are described below.

### The Schema Root

The schema root is the control section of the schema and uses the "XML Include" technique to call schema sub-components:

- The Standard Data Structures
- The Standard Data Elements
- All CDS TYPE sub-component schemas, including the CDS Headers and Trailers

In addition, the schema root is the only schema entry point and on entry the schema validates the XML Attributes for:

- SchemaVersion
- SchemaDate

### Schema Component: Standard Data Structures

Schema Version 6-0 introduces standard data structures which are invoked from the CDS TYPE sub-component schemas. This simplifies the management and definition of data structures and eliminates (as far as is possible) the multiple definitions of the many common structures used across the CDS TYPE components. It also helps to eliminate naming and spelling inconsistencies.

This implementation of the schema does not enforce the sequence of data elements within its data structures (nor its data structures within the schema), nor is it foreseen that this will be enforced in future. For ease of understanding, users are advised to implement the structure sequences as published.

In general, the restraints on the permitted occurrences of data groups have been removed and in most cases, unbounded occurrences of iterating data structures are supported. The NHS Data Model and Dictionary defines the actual requirements for the use of NHS data.

### Schema Component: Standard Data Elements

Schema data items are defined with **\_Type** suffixes and usually refer to a standard list of XML data types which are usually qualified with an enumeration list to reflect the NHS Data Standards as published in the NHS Data Model and Dictionary.

### Schema Component: XML Attributes

XML Attributes are used (sparingly) to enforce certain logical data and structure relationships, an example being to determine the type of Critical Care Period data being carried.

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## CDS-XML MESSAGE SCHEMA DOCUMENTATION

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Change to Supporting Information: New Supporting Information

The use of XML has been mandated by the e-GIF programme as the standard to be used for messaging by government organisations and accordingly this has been adopted by the NHS.

For the most part, the schema applies the data specifications as authorised by the NHS and documented in the NHS Data Model and Dictionary.

### The Issued Documentation

NHS Data Standards maintain and issue the following schema documentation:

- **The Schema Files** (generated using ALTOVA XMLSPY ©)

The Schema files consist of a series of interpretable XML/HTML statements which define the data structures and content rules for the use of the message. User systems use the schema to either populate or interpret a 'schema instance' that is the resultant XML formatted message file which carries the data.

The schema therefore represents the 'design' of the message and it may be necessary therefore to interpret and understand the information inherent in the schema file code.

- **The Schema Documentation** (generated using ALTOVA XMLSPY ©)

These files are generated using XMLSPY software and may be read in any browser, e.g. MS Explorer©. The files consist of a 'root' entry HTML formatted file and a (usually) large number of supporting .png graphic files used by the root HTML.

This documentation enables useful "drill down" functions for investigating structures and data items, but these features are not as powerful as when using a full schema editor (see below).

Most browsers will support printing and thus the schema details can be printed as required but users are warned that browser based prints often generate a large number of pages.

The CDS-XML schema generates approximately 450+ pages of details, printing is therefore not advised.

- **The Schema Release Note**

This is a text based MS WORD document identifying the changes applied to the schema release. References to Data Set Change Notices and other technical change requirements are detailed.

### Reading Schema

Whilst schema can be read as HTML in most browsers, it may be difficult to fully interpret the schema unless the reader has a detailed understanding of HTML.

It is recommended that schema are read using an XML interpreter (such as ALTOVA XMLSPY ©), many of these are freely available on the internet.

Schema technicians may prefer to use such software to examine schema more deeply as the interactive facilities provided are generally more powerful than browsing the XML/HTML supplied schema code.

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## CDS-XML MESSAGE SCHEMA OVERVIEW

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Change to Supporting Information: New Supporting Information

The use of XML has been mandated by the e-GIF programme as the standard to be used for messaging by government organisations and has accordingly been adopted by the NHS.

For the submission of Commissioning Data Set data to the [Secondary Uses Service](#), XML based messaging has been developed replacing all previously published Commissioning Data Set Message formats.

The CDS-XML Message Schema is supported and applied in the [Secondary Uses Service](#) front-end software service (the XML Transfer Service - XTS) to enforce a nationally agreed data specification and thus help protect the data quality and integrity of the data submitted to and stored within the [Secondary Uses Service](#).

It should be noted that after accepting the schema instance data, the [Secondary Uses Service](#) then applies further logical data validations and may identify and report further data conditions.

For the most part, the schema applies the data specifications as authorised by the NHS and documented in the NHS Data Model and Dictionary. However, as the NHS Data Model and Dictionary is updated on a continuous time basis and schemas are usually less dynamic and by nature updated on a longer time cycle, there may be subtle differences in the data specifications applied in the schema.

This variation often applies where a schema may contain historic data element values and the NHS Data Model and Dictionary may have been updated with a revised set of values since the schema was last released.

Another variation is where a schema deliberately retains historic values as well as supporting the new values in order to enable NHS users to be able to process historic data.

### Schema Standards

The overall standards applied and supported by the schema are:

- W3C schema standards
- e-Government Interoperability Framework (e-GIF)
- e-GOV Best Practice guidelines for XML Schema
- The NHS Data Model and Dictionary

### Schema Naming Conventions

These are in *CamelCase* as accepted best practice. Wherever possible, schema data item names are compliant (or intuitively identifiable) with the NHS Data Model and Dictionary naming conventions.

### Schema Documentation

Schema documentation usually consists of several related publications:

- Data Set Change Notices (DSCNs) issued for NHS business, process and definition changes; these will usually include the Data Set charts, Data Element definitions etc.
- Data Set Change Notices (DSCNs) issued to authorise the CDS-XML Schema itself
- The CDS-XML Schema Release Notice which provides a technical overview of the release (in MS WORD)
- The XMLSPY© generated Schema Documentation which is a large collection of HTML files.

### Schema Components: Schema Root

The schema root is the control section of the schema and is the only entry point and uses the "XML Include" technique to call all schema sub components:

- The Standard Data Elements
- The Standard Data Structures
- All sub-component schemas for CDS TYPEs including the CDS Headers and Trailers

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## CDS-XML SCHEMA VERSION NUMBERING

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Change to Supporting Information: New Supporting Information

### The CDS-XML Schema Version Number Format

The use of XML has been mandated by the e-GIF programme as the standard to be used for messaging by government organisations and has accordingly been adopted by the NHS.

The CDS-XML Schema adopts version numbering techniques in line with published e-GOV best practice guidelines. All schema components are version numbered and date qualified; the following is an example of the adopted format:

### CDS-XML\_Message\_Root

Example: V6-0-2007-03-01 (Note that dash separators are used).

[Schema Filename] + [Major Version Number] + [Minor Version Number] + [Version Date]

VERSION NUMBER ELEMENT	FORMAT	EXAMPLE AND NOTES
Schema File Name	As allocated by NHS Data Standards	CDS-XML_Message_Root-
Major Version Number	A maximum of 3 numerics incremented numerically without leading zeros	V6-
Minor Version Number	A maximum of 3 numerics incremented numerically without leading zeros	0-
Version Date	ccyy-mm-dd	2007-03-01

### The Major Version Number:

This is incremented when fundamental change has taken place such as:

- Major addition / deletion / change of schema business functionality
- Major change to the technical design of the schema
- Re-alignment of the Schema Version Number after cumulative changes

### The Minor Version Number:

This is incremented for all schema changes *not* warranting a Major Version Number increment (as above).

Examples are:

- Minor changes to schema business functionality
- Minor changes to the schema data structures that are not upwardly compatible\*
- Addition and/or deletion of data items that are not upwardly compatible\*
- Changes to data item facet definitions that are not upwardly compatible\*

**The Version Date:**

This may be adjusted as a defined reference point for a no risk schema release to reflect minor changes and corrective releases.

Examples are:

- Minor changes to the schema data structures that are upwardly compatible\* for instance the addition of an optional data item.
- Changes to data item facet definitions that are upwardly compatible\* for instance the addition (but not the deletion) of code values to a data item enumeration list.
- Interim development versions, released for information only

**\* Upwardly Compatible:**

Minor changes and adjustments to the schema which introduce little or no risk of increased data rejection are deemed upwardly compatible.

For example, corrective adjustments, which align the schema to the authorised NHS Data Standards as published in the NHS Data Model and Dictionary often fall within this category.

**The Schema Date:**

All schema releases have a designated SchemaDate XML Attribute.

**Schema Version Control - The Schema Root:**

The schema root is the single entry point to the schema and XML Attributes for the following are validated:

- SchemaVersion
- SchemaDate

**COMMISSIONING DATA SET MESSAGE SCHEMA VERSIONS**

Change to Supporting Information: Changed Description

The following tables set out the authorised versions of the Commissioning Data Set.

**Commissioning Data Set Version 6**

The CDS Version NHS006 consists of several components identified in the [CDS Version CDS006 Type List](#). The Commissioning Data Set Version 6 derivatives consists of several components identified in the [CDS Version CDS006 Type List](#).

CDS Version	Available From	Mandated From	Usable To	Message Format	Message Version
NHS006	31/12/2007	01/04/2008	-	XML Schema	Download <a href="#">Message Schema V6.0-2007-10-26</a> and <a href="#">CDS XML Message Documentation V6.0-2007-10-26</a> and <a href="#">CDS XML Release Notes V6.0-2007-10-26</a> *
NHS006	31/12/2007	01/04/2008	Superseded before live use	XML Schema	Message Schema v6.0-2007-03-01 and <a href="#">CDS XML Message Documentation V6.0-2007-03-01</a>
CDS006	31/12/2007	01/04/2008	-	XML Schema	Download <a href="#">CDS-XML Message Documentation-V6.0-2007-10-26</a> and <a href="#">CDS-XML Message Documentation-V6.0-2007-10-26</a> and <a href="#">CDS-XML Message Documentation-V6.0-2007-10-26</a>
CDS006	31/12/2007	01/04/2008	Superseded before	XML Schema	Message Schema v6.0-2007-03-

			live use		01 and CDS XML Message Documentation V6-0-2007-03-01
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\* An updated version of the Message Schema for Commissioning Data Set Version 6, which resolves known issues is available. For further details please email [datastandards@nhs.net](mailto:datastandards@nhs.net)

### Commissioning Data Set Version 5

The CDS Version NHS005 consists of several components identified in the [CDS Version NHS005 Type List](#). The Commissioning Data Set Version NHS005 consists of several components identified in the [CDS Version NHS005 Type List](#).

CDS Version	Available From	Mandated From	Usable To	Message Format	Message Version
NHS005	01/10/2007	01/10/2007	31/03/2008	XML Schema	Download <a href="#">Message Schema v5-0-2007-06-01</a> and <a href="#">Message Documentation v5-0-2007-06-01</a>
NHS005	01/09/2006	06/11/2006	01/10/2007	XML Schema	Download <a href="#">Message Schema v5-0-2006-08-04</a> and <a href="#">Message Documentation v5-0-2006-08-04</a>
NHS005	01/04/2006	01/09/2006	Superceded before live use	XML Schema	Download <a href="#">V-5-0 schema</a> and <a href="#">documentation</a>

~~CDS Version 5-0-2007-06-01 is backward compatible with CDS Version 5-0-2006-08-04. Any data conforming with CDS Version 5-0-2006-08-04 conforms with CDS Version 5-0-2007-06-01. CDS Version 5-0-2006-08-04 includes all standards updates to DSCN 14/2005.~~ Commissioning Data Set Version 5-0-2007-06-01 is backward compatible with CDS Version 5-0-2006-08-04. Any data conforming with Commissioning Data Set Version 5-0-2006-08-04 conforms with Commissioning Data Set Version 5-0-2007-06-01. Commissioning Data Set Version 5-0-2006-08-04 includes all standards updates to DSCN 14/2005. In addition

- value 8 has been included in the enumeration for [ADMISSION OFFER OUTCOME](#) to correct an error in CDS Version 5-0-2006-08-04
- value 8 has been included in the enumeration for [ADMISSION OFFER OUTCOME](#) to correct an error in Commissioning Data Set Version 5-0-2006-08-04
- value 3 has been included in the enumeration for [PRIORITY TYPE](#) - DSCN 13/2006
- values 304, 371, 401, 812 and 840 have been included in the enumeration for [TREATMENT FUNCTION CODE](#) - DSCN 02/2007
- values 12, 13,14,15,16, 17 and 97 have been included in the enumeration for [SOURCE OF REFERRAL FOR OUT-PATIENTS](#) - DSCN 16/2007. Code 8 'Other', which is retired in DSCN 16/2007, has been retained in CDS Version 5-0-2007-06-01 for backward compatibility.
- values 12, 13,14,15,16, 17 and 97 have been included in the enumeration for [SOURCE OF REFERRAL FOR OUT-PATIENTS](#) - DSCN 16/2007. Code 8 'Other', which is retired in DSCN 16/2007, has been retained in Commissioning Data Set Version 5-0-2007-06-01 for backward compatibility.

The major enhancement is the inclusion of DSCNs 02/2005 and 13/2005 which introduce the Critical Care Minimum data Set (CCMDS) as an integral component of the CDS. The implementation of this version will therefore enable Trusts to submit the CCMDS data to the Secondary Uses Service. The major enhancement is the inclusion of DSCNs 02/2005 and 13/2005 which introduce the [Critical Care Minimum Data Set](#) as an integral component of the Commissioning Data Set. The implementation of this version will therefore enable Trusts to submit the [Critical Care Minimum Data Set](#) to the Secondary Uses Service.

V-5-0-2006-08-04 corrects an error in V-5-0 in the definition of the data type supporting [CRITICAL CARE UNIT FUNCTION](#) and restricts the length of [CRITICAL CARE LOCAL IDENTIFIER](#) to 8 characters. V-5-0-2006-08-04 corrects an error in V-5-0 in the definition of the data type supporting [CRITICAL CARE UNIT FUNCTION](#) and restricts the length of [CRITICAL CARE LOCAL IDENTIFIER](#) to 8 characters.

### Commissioning Data Set Versions 3 and 4

The CDS Version NHS004 consists of several components identified in the [CDS Version NHS003 and 4 Type List](#).

#### Commissioning Data Set Versions 3 and 4 - These Version have been withdrawn (November 2007).

CDS Version	Available From	Mandated From	Usable To	Message Format	Message Version
NHS004	01/10/2005	Only for NWCS-SUS migration	XML Schema		<a href="#">V-4-2-a</a>
NHS004	01/10/2005	Only for NWCS-SUS migration	XML Schema		<a href="#">V-4-2-a</a>

This CDS version was released to support the initial implementation of the CDS-XML processes submitting data to the SUS and must be used only for NWCS-SUS migration. This Commissioning Data Set version was released to support the initial implementation of the CDS-XML processes submitting data to the Secondary Uses Service and must be used only for migration.



Whilst CDS data items as specified in the NHS CDS Manual have been repositioned into the NHS Data Dictionary, no structural or data content changes were made to the CDS specifications which remain as per version NHS003.

CDS Version	Available From	Mandated From	Usable To	Message Format	Message Version
NHS003	2001	2001	31 March 2007	UN/EDIFACT	<a href="#">CDSM MIG V4</a>
NHS003	2001	2001	31 March 2007	UN/EDIFACT	CDSM - MIG V4

~~This CDS version is the final CDS specification supported by the use of the NHS CDS EDIFACT Message.~~

~~The CDS NHS003 specifications are documented in the NHS CDS Manual which is available from the NHS Data Standards website.~~

~~The CDS Version NHS003 consists of several components as identified in the [CDS Version NHS003 and 4 Type List](#).~~

## COMMISSIONING DATA SET OVERVIEW

Change to Supporting Information: Changed Description

### Commissioning Data Set Overview

#### Information Requirements

The primary purpose of national data sets is to enable conformant health information to be generated across the country, independent of the organisation or system that maintains it. In achieving this, the Health and Social Care Information Centre will enable healthcare professionals to measure and compare the delivery and quality of care provided and to support them in sharing information with other health professionals and organisations.

Information on care provided for all PATIENTS by NHS Hospitals and Primary Care Trusts and Independent Sector Providers (for NHS PATIENTS only) is specified in the Commissioning Data Sets and must be submitted to the Secondary Uses Service according to issued guidelines.

This data is required to:

- o monitor and manage Service Agreements;
- o develop commissioning plans;
- o support the Payment By Results processes;
- o support NHS Comparators;
- o develop commissioning plans;
- o monitor Health Improvement Programmes;
- o underpin clinical governance;
- o understand the health needs of the population.

Commissioners need access to data to monitor Non-Contract Activity as part of the management of their Service Agreements. Primary Care Trusts also need to monitor in-year referrals to investigate the sources and reasons for Non-Contract Activity.

Independent Sector Treatment Centres (TC) are responsible for providing Admitted Patient Care and Out-Patient Attendance Commissioning Data Sets and may submit this data on their own behalf or via a third party. Other Independent Sector activity for NHS patients is the responsibility of the NHS commissioning body for the provision of the appropriate central returns and data sets.

The Department of Health requires accurate data of all patients admitted to or treated as out-patients, or treated as an Accident And Emergency Attendance by NHS Hospital Providers and Primary Care Trusts, including patients receiving private treatment. The data also includes NHS patients treated electively in the independent sector and overseas. These Hospital Episode Statistics (HES) are derived from the Admitted Patient Care, Out-Patient Attendance and Accident and Emergency Attendance Commissioning Data Sets as stored in the Secondary Uses Service. This data provides information about hospital and patient management, epidemiological data on patient diagnoses and operative procedures.

#### CDS TYPES

- Information on care provided by NHS hospitals and Primary Care Trusts for all PATIENTS and Independent Sector providers (for NHS PATIENTS only) is required to:
  - o monitor and manage Service Agreements;
  - o develop commissioning plans;
  - o monitor Health Improvement Programmes;

- ~~underpin clinical governance;~~
- ~~understand the health needs of the population.~~

Main commissioners need access to data to monitor [Non-Contract Activity](#) as part of the management of their Service Agreements. [Primary Care Trusts](#) also need to monitor in-year referrals to investigate the sources and reasons for [Non-Contract Activities](#).

Independent Sector Treatment Centres (ITC) are responsible for providing Admitted Patient Care and Out-Patient Attendance Commissioning Data Set and may submit it on their own behalf or via a third party. Other Independent Sector activity for NHS [PATIENTS](#) is the responsibility of the NHS commissioning body for the provision of the appropriate central returns and data sets.

- ~~The [Department of Health](#) needs a complete record of all [PATIENTS](#) admitted to or treated as out-patients by NHS hospitals and [Primary Care Trusts](#), including [PATIENTS](#) receiving private treatment. The record also includes NHS [PATIENTS](#) treated electively in the independent sector and overseas. Hospital Episode Statistics (HES) are derived from the Admitted Patient Care Commissioning Data Set Types, Out-Patient Attendance and Accident and Emergency Attendance Commissioning Data Set Types submitted via the NHS-wide Clearing Service (NWCS). These records provide information about hospital and [PATIENT](#) management and epidemiological data on [PATIENT](#) diagnoses and operative procedures. The Hospital Episode Statistics data warehouse has already been used to support many aspects of the new Performance Framework.~~

## **Data Flows**

- ~~Hospital Episode Statistics records are extracted from the NWCS database quarterly. The timely provision of Admitted Patient Care (APC) records to the NWCS, complete with clinical information, is now a performance issue for Trusts.~~
- ~~The strategic direction set out within *Information for Health* is to develop comprehensive and consistent electronic health records for [PATIENTS](#) from clinical information flows. In the short term, access to and the analysis of Commissioning Data Set Types will remain important, and the exchange of these data sets should continue on at least a monthly basis.~~
- ~~To determine who receives Commissioning Data Set Types, [NHS Trusts](#) and [Primary Care Trusts](#) need to take **all** of the following factors into account, not necessarily in the order specified here:~~
  - ~~identifying the [PATIENT](#)'s registered [General Medical Practitioner Practice](#) – to establish the responsible [Primary Care Trust](#);~~
  - ~~determining where the [PATIENT](#) is resident – necessary when the [PATIENT](#) is not registered with a [General Medical Practitioner Practice](#);~~
  - ~~assigning the correct type of NHS Service Agreement for the treatment provided;~~
  - ~~identifying an overseas visitor and whether the [PATIENT](#) is a private [PATIENT](#).~~

The information data flows are shown in the Tables below.

## **Commissioning Data Set Data Flow Definitions**

- ~~The exchange of individual Commissioning Data Set Types may be mandatory or optional. All Admitted Patient Care, Out-Patient Attendance and Accident & Emergency Attendance Commissioning Data Set Type exchanges are mandatory, but exchanges of some individual Commissioning Data Set Types for Elective Admission List are not, and require local agreement between the parties concerned. Where Commissioning Data Set information is collected, it should always be exchanged via the NHS Wide Clearing Service.~~
- ~~Where Commissioning Data Set Types **are** exchanged, the data items within the Commissioning Data Set Type have a mandatory or optional status. A data item marked as mandatory (M) means that it must be included in the Commissioning Data Set Type; a data item marked as optional (O) means that the data item need only be included if both parties agree to its exchange. Although the exchange of the Commissioning Data Set Type may be optional, this does **not** apply to the status of the data items within this Commissioning Data Set Type.~~
- ~~For records relating to Commissioning Data Set [ACTIVITY](#) from the 1st April 2005 see REVISED CDS INFORMATION FLOW ADDRESSING GRID – [ACTIVITY](#) from 1st April 2005 below. An additional [PATIENT](#)/ Service Agreement row has been introduced to identify activity commissioned by the National Specialised Commissioning Group (NSCG). The code YDD82 should be used as the ORGANISATION CODE (CODE OF COMMISSIONER) for National Specialised Commissioning Group commissioned activity.~~
- ~~For records relating to Commissioning Data Set [ACTIVITY](#) from 1st April 2002 to 31st March 2005, see PREVIOUS CDS INFORMATION FLOW ADDRESSING GRID – [ACTIVITY](#) from 1st April 2002 to 31st March 2005 below.~~

~~REVISED COMMISSIONING DATA SET INFORMATION FLOW ADDRESSING GRID – [ACTIVITY](#) from 1st April 2005~~

	EDS-PRIME RECIPIENT	=	=	=
PATIENT/Service Agreement	<u>PCT-OF RESIDENCE</u>	PCT responsible	Main Commissioner	<u>ORGANISATION</u> to which costs of treatment accrue
PATIENT registered with <u>General Medical Practitioner Practice</u> with <u>Primary Care Trust</u> Service Agreement	±	±		
PATIENT not registered with a <u>General Medical Practitioner Practice</u> but resident in an area covered by a <u>Primary Care Trust</u> with a <u>Primary Care Trust</u> Service Agreement	±	±		
PATIENT registered with a <u>General Medical Practitioner Practice</u> treated as a <u>Non-Contract Activity</u>	±	±	±	
PATIENT not registered with a <u>General Medical Practitioner Practice</u> treated as a <u>Non-Contract Activity</u>	±	±	±	
Overseas visitor exempt from charges and not registered with a <u>General Medical Practitioner Practice</u>	± (TDH00)		±	
Overseas visitor exempt from charges and registered with a <u>General Medical Practitioner Practice</u>	± (TDH00)	±	±	
Overseas visitor liable for NHS charges and not registered with a <u>General Medical Practitioner Practice</u>	± (VPP00)			
Overseas visitor liable for NHS charges and registered with a <u>General Medical Practitioner Practice</u>	± (VPP00)	±		
PATIENT registered with a <u>General Medical Practitioner Practice</u> with a Specialised Services & Other Commissioning Consortia Service Agreement	±	±		±
PATIENT not registered with a <u>General Medical Practitioner Practice</u> with a Specialised Services & Other Commissioning Consortia Service Agreement	±	±		±
Private PATIENT	±	±		
National Specialised Commissioning Group commissioned	±	±		YDD82

**Notes:**

a. Some flows will be sent for unfinished episodes. For example, a consultant episode may be in progress when a data flow is sent. In such cases the end date is not known and the patient has not been discharged. These data items will therefore not be included in that data flow.

b. Note that if two recipients are identical (PCT-OF-RESIDENCE is the same as the Main Commissioner) only **one** data set should be sent to that recipient.

c. For further information please refer to DSCN 06/2005.

**PREVIOUS COMMISSIONING DATA SET INFORMATION FLOW ADDRESSING GRID - Activity from 1st April 2002 to 31st March 2005**

	EDS-PRIME RECIPIENT			
Patient/Service Agreement	<u>PCT-OF RESIDENCE</u>	PCT responsible	Main Commissioner	Organisati to whic costs e treatm accrue
Patient registered with GP with PCT Service Agreement	±	±		
Patient not registered with a GP but resident in an area covered by a PCT with a PCT Service Agreement	±	±		

Patient registered with a GP treated as an Out Of Area Treatment (OAT)	±	±	±	
Patient not registered with a GP treated as an Out Of Area Treatment (OAT)	±	±	±	
Overseas visitor exempt from charges and not registered with a GP	± (TDH00)		±	
Overseas visitor exempt from charges and registered with a GP	± (TDH00)	±	±	
Overseas visitor liable for NHS charges and not registered with a GP	± (VPP00)			
Overseas visitor liable for NHS charges and registered with a GP	± (VPP00)	±		
Patient registered with GP with a Specialised Services & Other Commissioning Consortia Service Agreement	±	±		±
Patient not registered with GP with a Specialised Services & Other Commissioning Consortia Service Agreement	±	±		±
Private Patient	±	±		

#### Notes:

- a. Some flows will be sent for unfinished episodes. For example, a consultant episode may be in progress when a data flow is sent. In such cases the end date is not known and the patient has not been discharged. These data items will therefore not be included in that data flow.
- b. Note that if two recipients are identical ([PCT-OF-RESIDENCE](#) is the same as the Main Commissioner) only **one** data set should be sent to that recipient.
- c. For further information please refer to [DSCN 46/2002](#).

The Commissioning Data Set is the basic structure used for the submission of commissioning data to the [Secondary Uses Service](#) and is designed to be capable of individually conveying many different Commissioning Data Set structures encompassing Accident and Emergency Attendances, Out-Patient Attendances, Future Attendances, Admitted Patient Care and Elective Admission List data etc.

Commissioning Data Set Messages have been defined in specific components known as a CDS TYPE. Each CDS Type as configured into the Commissioning Data Set Message carries only one specific Commissioning Data Set Type, an examples being the Finished Consultant Episode Commissioning Data Set Type etc.

## COMMISSIONING DATA SETS INTRODUCTION

Change to Supporting Information: Changed Description

## COMMISSIONING DATA SETS (CDS)

### Introduction

Although EDIFACT messages had previously been developed for Commissioning Minimum Data Sets (CMDS), the NHS-wide Clearing Service (NWCS) implementation required a single EDIFACT message capable of carrying all local variations of all Commissioning Minimum Data Sets. Information on care provided for all patients by NHS Hospital Providers, Primary Care Trusts and Independent Sector Providers (for NHS patients only) is specified in the Commissioning Data Sets and must be submitted to the [Secondary Uses Service](#) according to issued guidelines.

Before such an EDIFACT message could be produced it was necessary to remodel all Commissioning Minimum Data Sets to conform to a single structure. In addition, it was necessary to include flow control information required by the NHS-wide Clearing Service processes. Use the following links to access more detailed information.

The resultant, extended Commissioning Minimum Data Sets, are referred to as the Commissioning Data Sets (CDS). [The Commissioning Data Sets](#)

### CDS Types

- [Commissioning Data Set Overview](#)
- [Commissioning Data Set Versions](#)
- [CDS Mandated Data Flows](#)
- [CDS Submission Protocol](#)
- [CDS Addressing Grid](#)

## [Commissioning Data Set Validation Table](#) [Important Security Issues and Other Notes](#)

- [CDS Submission And PCT Mergers](#)
- [CDS Data Duplication](#)
- [Hospital Episode Statistics](#)
- [Hospital Episode Statistics Cross Reference Tables](#)

The Commissioning Data Set is the basic structure used for the exchange of commissioning data between Providers and Commissioners (and other users), currently via the NHS-wide Clearing Service and when operable, the Secondary Uses Service (SUS). The Commissioning Data Set design is capable of individually conveying many different Commissioning Data Set structures encompassing Accident and Emergency Attendances, Out-Patient Attendances, Admitted Patient Care and Elective Admission List data. Commissioning Data Set Messages have been defined in component parts known as Commissioning Data Set Types. Each Commissioning Data Set Type as configured into the Commissioning Data Set Message carries only one Commissioning Data Set, examples being one finished General Consultant Episode Commissioning Data Set Type etc. [The CDS-XML Message](#)

### **How Commissioning Data Set Types are transmitted**

Many Commissioning Data Set Messages may be physically transmitted together as a Commissioning Data Set Interchange. The inclusion of particular Commissioning Data Set Messages in any one Commissioning Data Set Interchange is subject to grouping rules.

### **The NHS-wide Clearing Service**

The NHS-wide Clearing Service was established to accept Commissioning Data Set Messages from Providers for onward transmission to Commissioners and to be copied to other recipients. This will be replaced by the Secondary Uses Service (SUS):

In order to meet the Hospital Episode Statistics (HES) requirements and to provide other services for its users, the NHS-wide Clearing Service / SUS maintains a central database of all valid CDS Messages received.

The adoption and use of the NHS-wide Clearing Service for the exchange of Admitted Patient Care Commissioning Data Set data was mandated for all NHS Organisations in an Executive Letter, EL/95/139 issued in December 1995 and is a component of the 'Information for Health' strategy.

### **The Mandated Commissioning Data Set Flows**

The NWCS / SUS supports all CDS Types but only a subset are mandated to flow, the minimum Commissioning Data Set data flow requirement to enable Hospital Episode Statistics (HES) and Payment by Results (PbR) to be supported by NHS-wide Clearing Service / Secondary Uses Service is:

- All Admitted Patient Care Finished Episodes are to be passed via the NHS-wide Clearing Service / Secondary Uses Service. This includes Out of Area Treatments, Home Birth and Home Delivery Episodes
- As at midnight on 31 March each year, all Unfinished Consultant Episodes which are not included in the Detained and/or Long-Term Psychiatric Census, must be sent to the NHS-wide Clearing Service / Secondary Uses Service
- All Unfinished Episodes qualifying for inclusion in the Detained and/or Long-Term Psychiatric Census as at midnight 31 March each year must be sent to the NHS-wide Clearing Service / Secondary Uses Service
- Out-Patient Attendance Commissioning Data Sets were mandated to flow via the NHS-wide Clearing Service / Secondary Uses Service from 1st October 2001, see DSCN 05/2001. Nurse and Midwife attendances and Ward Attendances for nursing care were mandated to be carried on the Out-Patient Attendance Commissioning Data Set from 1 April 2005, DSCN 32/2004. Note that the Ward Attendance Commissioning Data Set Type has now been discontinued, Ward Attendance data must be sent using the Out-Patient Commissioning Data Set Type.
- Accident and Emergency Attendance Commissioning Data Sets were mandated to flow nationally from 1st April 2005, see DSCN 32/2004.

- [CDS-XML Message Schema Overview](#)
- [Commissioning Data Set Message Schema Versions](#)
- [CDS-XML Message Schema Design](#)
- [CDS-XML Schema Version Numbering](#)
- [CDS-XML Message Schema Documentation](#)

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## COMMISSIONING DATA SETS MENU

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Change to Supporting Information: Changed Description, Aliases

- [Commissioning Data Set Overview](#)
- [Commissioning Data Set Versions](#)
- [CDS Mandated Data Flows](#)

- [CDS Submission Protocol](#)
- [CDS Addressing Grid](#)
- [Commissioning Data Set Validation Table](#)
- [Commissioning Data Set Message Schema Versions](#)
- [Commissioning Data Set Overview](#)
- [Security Issues and Patient Confidentiality](#)
- [Important Security Issues and Other Notes](#)
- [CDS Submission And PCT Mergers](#)
- [CDS Data Duplication](#)
- [Hospital Episode Statistics](#)
- [Hospital Episode Statistics Cross Reference Tables](#)

### The CDS-XML Message

- [CDS-XML Message Schema Overview](#)
- [Commissioning Data Set Message Schema Versions](#)
- [CDS-XML Message Schema Design](#)
- [CDS-XML Schema Version Numbering](#)
- [CDS-XML Message Schema Documentation](#)

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## COMMISSIONING DATA SETS MENU

Change to Supporting Information: Changed Description, Aliases

- Changed Description
- Alias Changes

Name	Old Value	New Value
plural		Commissioning Data Sets Menu

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## HEALTH & SOCIAL CARE INFORMATION CENTRE

Change to Supporting Information: Changed Description

The [Health and Social Care Information Centre](#) is an NHS Special [Health Authority](#) that collects, analyses and distributes national statistics on health and social care.

It also underpins regulation, health research, education and training. Health, social care, government and education bodies trust information from the [Health and Social Care Information Centre](#), which is reliable, up-to-date, independent and trustworthy.

The [Health and Social Care Information Centre](#) collection systems make it quick and easy for frontline staff to provide data with minimum impact on the delivery of care.

NHS frontline management, clinicians, information and care professionals, policy makers, patients and the media rely on the [Health and Social Care Information Centre](#) for their information needs.

~~The [Health and Social Care Information Centre](#) is also referred to as the Information Centre for health and social care or the Information Centre (IC).~~

[The Health and Social Care Information Centre](#) is also referred to as the Information Centre for health and social care or the Information Centre (IC) and can be contacted at: [www.ic.nhs.uk](http://www.ic.nhs.uk)

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## HOSPITAL EPISODE STATISTICS

Change to Supporting Information: New Supporting Information

### Hospital Activity (HES)

Hospital Episode Statistics is a data warehouse containing details of all admissions to NHS hospitals in England. It includes private [PATIENTS](#) treated in NHS hospitals, [PATIENTS](#) who were resident outside of England and care delivered by treatment centres (including those in the independent sector) funded by the NHS. Hospital Episode Statistics also contain details of all NHS outpatient appointments in

England.

Hospital Episode Statistics is the data source for a wide range of healthcare analysis for the NHS, Government and many other organisations and individuals. It contains admitted patient care data from 1989 onwards, with more than 12 million new records added each year, and outpatient attendance data from 2003 onwards, with more than 40 million new records added each year.

The Health and Social Care Information Centre is working in partnership with NHS Connecting for Health, which manages the National Programme for IT. This joint programme team is responsible for the development and implementation of the Secondary Uses Service which is used to collect data for input to the Hospital Episode Statistics process.

More information about the Hospital Episode Statistics Service can be found at the [HESonline](#) website.

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## HOSPITAL EPISODE STATISTICS CROSS REFERENCE TABLES

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Change to Supporting Information: Changed Description

~~The tables in this section show the relationship between Hospital Episode Statistics (HES) data items and APCCDS data items, indicating from which Commissioning Data Set Type they are extracted.~~ The tables in this section show the relationship between Hospital Episode Statistics data items and Commissioning Data Set data items, indicating from which CDS TYPE they are extracted.

~~[HES - CDS Data items cross referenced by HES Name - Table 1](#) lists the HES items alphabetically by HES name (ADMIMETH, ADMINCAT, etc.)~~ [HES - CDS Data items cross referenced by HES Name - Table 1](#) lists the Hospital Episode Statistics items alphabetically by HES name (ADMIMETH, ADMINCAT, etc.)

~~[HES - CDS Data items cross referenced by HES Item - Table 2](#) lists the HES data items alphabetically by item name which is usually the same as the CDS data item name.~~ [HES - CDS Data items cross referenced by HES Item - Table 2](#) lists the Hospital Episode Statistics data items alphabetically by item name which is usually the same as the Commissioning Data Set data item name.

~~**HES Contact Details:**~~ The Health & Social Care Information Centre is working in partnership with NHS Connecting for Health, which manages the National Programme for IT.

~~**HES Codes, Classifications & Definitions:**~~ This joint programme team is responsible for the development and implementation of the Secondary Uses Service which is used to collect data for input to the Hospital Episode Statistics process.

~~Dept SD2HES  
Room 430B  
Department of Health  
Skipton House  
80 London Road  
London  
SE1 6LW  
Tel: 020 7972 5563~~

~~**HES Processing Enquiries:**~~

~~HES Help Desk  
IBM Global Services  
Normandy House  
Bunnian Place  
Basingstoke  
Hampshire  
RG21 7EJ  
Tel: 01256 344186~~

~~**HES information and publications are available from the:**~~

~~[DH Website](#)~~

~~See the [Hospital Episode Statistics](#) Service for more information.~~

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## MESSAGES INTRODUCTION

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Change to Supporting Information: New Supporting Information

### Data Sets

The primary purpose of NHS Data Sets is to enable the same health information to be generated across the country independent of the organisation or system that captures or processes it.

## Messages

Messages are the physical implementation of a data flow, the content of which are most often specified in a Data Set.

The NHS Data Model and Dictionary publishes XML message schemas in a format that will allow them to be exported to an appropriate XML tool for message development and implementation.

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## SECONDARY USES SERVICE

Change to Supporting Information: New Supporting Information

The Secondary Uses Service is designed to provide anonymous patient-based data for purposes other than direct clinical care such as healthcare planning, commissioning, public health, clinical audit and governance, benchmarking, performance improvement, medical research and national policy development.

The Health and Social Care Information Centre is establishing a single, secure data environment for the whole of the NHS. Secondary Uses Service provides a consistent environment for the management and linkage of data, allowing better comparison of data across the care sector, together with associated analysis and reporting tools.

The Health and Social Care Information Centre is working in partnership with NHS Connecting for Health, which manages the National Programme for IT. This joint programme team is responsible for the development and implementation of the Secondary Uses Service .

More information about the Secondary Uses Service can be found at the NHS Connecting for Health managed website: [Secondary Uses Service](#) .

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## THE NHS DATA MODEL & DICTIONARY ELEMENTS

Change to Supporting Information: Changed Description

### ~~The NHS Data Model and Dictionary Elements~~

The NHS Data Dictionary and the NHS Data Manual were originally published separately. The elements of both these publications have been consolidated into one browsable integrated publication called the NHS Data Model and Dictionary.

### NHS Data Standards

The NHS Data Model and Dictionary gives common definitions and guidance to support the sharing, exchange and comparison of information across the NHS. The common definitions, known as data standards, are used in commissioning and make up the base currency of Commissioning Data Sets. ~~On the monitoring side, they support comparative data analysis, preparation of performance tables, and data returned to the Department of Health.~~ On the monitoring side, they support comparative data analysis, preparation of performance tables, and data returned to the Department of Health. NHS data standards also support clinical messages, such as those used for pathology and radiology. NHS data standards are presented as a logical data model, ensuring that the standards are consistent and integrated across all NHS business areas.

NHS data standards should not just be seen as supporting the collection of data on a consistent basis throughout the NHS. They also have an important role in supporting the flow and quality of information used in different parts of the NHS so that health care professionals are presented with the relevant information where and when it is required. An example of this is the linking of all records about a patient collected in different parts of the NHS, to be available to a health care professional wherever the patient attends to be seen for treatment, thus facilitating the Electronic Patient Record. ~~Changes to NHS data standards are still being published as Data Set Change Notices at the time of publication. The NHS Information Standards Board may eventually use a different form of change notification, but the principles of regulated changes will still apply.~~ Changes to NHS data standards are still being published as Data Set Change Notices (DSCNs) at the time of publication.

See the [NHS Information Standards Boards website](#) for the latest information relating to the NHS Information Standards Boards.

### The NHS Data Model and Dictionary Elements

<b>Class Definitions</b>	All the classes that appear within the NHS data standards logical data model. Each class contains its nationally agreed definition, all of its attributes, all relationships it has with other classes. <a href="#">Class Definitions Intro</a>
<b>Attribute Definitions</b>	All the attributes of the classes that appear within the NHS data standards logical data model. Each attribute contains its nationally agreed definition which may also include its agreed National Codes or classifications and



	a clickable 'data' tab if a data element also exists for it. <a href="#">Attribute Definitions Intro</a>
<b>Data Elements</b>	Data elements which may be supported by an attribute definition i.e. the data element has the same name as an attribute, be a derived item which is derivable from attributes or only exists as a data element.  Where a data element is supported by an attribute definition, such as the national codes to be used in that data element exist in an attribute, then there will be a link to that attribute through a 'definition' tab.  Data elements are used in the completion of Data Sets, Commissioning Data Sets, Hospital Episode Statistics and Central Returns. The data element information comprises format and field length, Hospital Episode Statistics name if applicable, National Codes or classifications and useful notes clarifying the selected data element.  <a href="#">Data Elements Intro</a>
<b>NHS Business Definitions</b>	These contain the business rules for recording NHS activity and will be of particular relevance to NHS Information Professionals. <a href="#">NHS Business Definitions</a>
<b><del>CDS and HES</del></b>	<del>Guidance on completion of Commissioning Data Sets is not yet consolidated within the Commissioning Data Sets.  Hospital Episode Statistics for information purposes (Hospital Episode Statistics is now extracted automatically from the NHS Wide Clearing Service database). <a href="#">Commissioning Data Set Overview</a></del>
<b>CDS and HES</b>	<a href="#">Hospital Episode Statistics</a> is now extracted automatically from the <a href="#">Secondary Uses Service</a> .
<b>Data Sets</b>	The primary purpose of national data sets is to enable the same health information to be generated across the country independent of the organisation or system that captures it. <a href="#">Data Sets Contextual Overview</a>
<b>Central Return Forms</b>	Guidance on completion of Central Returns for hospital activity, complaints management process, cervical and breast screening activity, patient transport and some community activity. <a href="#">Central Returns Introduction</a>
<b>Diagrams</b>	The new generic dictionary is based on a small set of rationalised diagrams. <a href="#">Diagrams Menu</a>
<b><del>Supporting Information</del></b>	<del>Supporting information such as clinical coding etc, is provided to help users understand the Commissioning Data Sets and Central Returns. <a href="#">Supporting Information Introduction</a></del>
<b>Supporting Information</b>	Supporting information such as clinical coding etc, is provided to help users understand the Commissioning Data Set and Central Returns. <a href="#">Supporting Information Introduction</a>

## ADDRESS UNSTRUCTURED

Change to Class: Changed Description

A subtype of [ADDRESS](#).

A recognizable postal address comprised of up to five lines of 35 alphanumeric characters.

Note:

The format relates to the physical layout, and not necessarily to the logical layout of the address.

References:

~~UN/EDIFACT Data Segments Directory D94B. NAD segment element C058.~~

## ETHNIC CATEGORY

Change to Class: Changed Description

The ethnicity of a [PERSON](#), as specified by the [PERSON](#).

~~Note: [ETHNIC CATEGORY](#) is the classification used for the 2001 census, replacing [ETHNIC GROUP](#) in the flows through the NHS-wide Clearing Service. The Office of National Statistics has developed a further breakdown of the group from that given, which may be used locally.~~  
Note: [ETHNIC CATEGORY](#) is the classification used for the 2001 census, replacing [ETHNIC GROUP](#) in the Commissioning Data Set flows.

The Office of National Statistics has developed a further breakdown of the group from that given, which may be used locally.

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## ETHNIC CATEGORY CODE

---

Change to Attribute: Changed Description

The ethnicity of a [PERSON](#), as specified by the PERSON.

~~Note: [ETHNIC CATEGORY](#) is the classification used for the 2001 census, replacing [ETHNIC GROUP](#) in the flows through the NHS-wide Clearing Service. The Office of National Statistics has developed a further breakdown of the group from that given, which may be used locally.~~  
Note: [ETHNIC CATEGORY](#) is the classification used for the 2001 census, replacing [ETHNIC GROUP](#) in the Commissioning Data Set Flows.

The Office of National Statistics has developed a further breakdown of the group from that given, which may be used locally.

*National Codes:*

White

- A British
- B Irish
- C Any other White background

Mixed

- D White and Black Caribbean
- E White and Black African
- F White and Asian
- G Any other mixed background

Asian or Asian British

- H Indian
- J Pakistani
- K Bangladeshi
- L Any other Asian background

Black or Black British

- M Caribbean
- N African
- P Any other Black background

Other Ethnic Groups

- R Chinese
- S Any other ethnic group
  
- Z Not stated

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## PERSON MARITAL STATUS CODE

---

Change to Attribute: Changed Description

An indicator to identify the legal marital status of a [PERSON](#).

~~*National Codes*~~ **National Codes**

~~for use in existing CDS EDIFACT messages:~~

- ~~1 Single (Retired 2006-10-01)~~
- ~~2 Married/separated (Retired 2006-10-01)~~
- ~~3 Divorced (Retired 2006-10-01)~~
- ~~4 Widowed (Retired 2006-10-01)~~

for use in all new and developing systems and for XML messages:

S	Single
M	Married/Civil Partner
D	Divorced/Person whose Civil Partnership has been dissolved
W	Widowed/Surviving Civil Partner
P	Separated
N	Not disclosed

**Previous specification, now obsolete and not for use:**

- 1 Single (Retired 2006-10-01)
- 2 Married/separated (Retired 2006-10-01)
- 3 Divorced (Retired 2006-10-01)
- 4 Widowed (Retired 2006-10-01)

---

## BIRTH DATE

---

Change to Data Element: Changed Description

Format/length:	n8 - ccyymmdd
HES item:	DOB
National Codes:	
Default Codes:	

**Notes:**

The e-GIF standard [PERSON BIRTH DATE](#) should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [BIRTH DATE](#) should be used.~~

---

## BIRTH DATE (BABY)

---

Change to Data Element: Changed Description

Format/length:	n8 - ccyymmdd
HES item:	DOBBABY
National Codes:	
Default Codes:	

**Notes:**

The e-GIF standard [PERSON BIRTH DATE](#) should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [BIRTH DATE \(BABY\)](#) should be used.~~

---

## BIRTH DATE (MOTHER)

---

Change to Data Element: Changed Description

Format/length:	n8 - ccyymmdd
HES item:	MOTDOB
National Codes:	
Default Codes:	

**Notes:**

The e-GIF standard [PERSON BIRTH DATE](#) should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [BIRTH DATE \(MOTHER\)](#) should be used.~~

---

## CATEGORY OF PATIENT

---

Change to Data Element: Changed Description

Format/length:	n2
HES item:	CATEGORY
National Codes:	Click on the attribute tab to display the attribute that contains the National Codes.

Default Codes:

**Notes:**

This data item is not in the Commissioning Data Set. ~~At the NHS-wide Clearing Service, the code values of ADMINISTRATIVE CATEGORY CODE and LEGAL STATUS CLASSIFICATION CODE are extracted and included in the Hospital Episode Statistics extract. At the Secondary Uses Service, the code values of ADMINISTRATIVE CATEGORY CODE and LEGAL STATUS CLASSIFICATION CODE are extracted and included in the Hospital Episode Statistics extract.~~ Hospital Episode Statistics uses them to derive the Hospital Episode Statistics data item [CATEGORY OF PATIENT](#).

See the [Mental Health Act Table](#) for details of how [CATEGORY OF PATIENT](#) relates to Parts and Sections of the Act.

---

## CDS ACTIVITY DATE

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">DATE</a>
HES item:	
National Codes:	
Default Codes:	

**Notes:**

Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.

**Definition:**

~~Every CDS Type has a "CDS Originating Date" contained within the CDS data that must be used to populate the CDS ACTIVITY DATE. For Commissioning data, every CDS TYPE has a "CDS Originating Date" contained within the Commissioning Data Set data that must be used to populate the CDS ACTIVITY DATE.~~

~~The CDS ACTIVITY DATE is held in the CDS Transaction Header Group and is a mandatory data element for all uses of the CDS for both Bulk Update and Net Change Protocols. The CDS ACTIVITY DATE is held in the CDS TRANSACTION HEADER GROUP and is a mandatory data element for all uses of the Commissioning Data Set for both Bulk Update and Net Change Protocols, see the CDS Submission Protocol supporting information.~~

~~See:~~ For Bulk Update use, see: [CDS V6 TYPE 005B](#)

~~[CDS V6 TYPE 005B - CDS TRANSACTION HEADER GROUP - BULK UPDATE PROTOCOL](#)~~

~~and~~

~~[CDS V6 TYPE 005N - CDS TRANSACTION HEADER GROUP - NET CHANGE PROTOCOL](#)~~ For Net Change Use, see: [CDS V6 TYPE 005N](#)

~~The CDS ACTIVITY DATE has an associated CDS Originating Date specifically identified for each CDS TYPE as follows. The CDS ACTIVITY DATE has an associated CDS Originating Date specifically identified for each CDS TYPE as follows:~~

<del>CDS TYPE</del> <b>CDS TYPE</b>	<del>DESCRIPTION</del> <b>DESCRIPTION</b>	<del>CDS ORIGINATING DATE (CDS ACTIVITY DATE)</del> <b>CDS ORIGINATING DATE (used to populate the CDS ACTIVITY DATE)</b>
010	Accident and Emergency Attendance	<a href="#">ARRIVAL DATE</a> , <a href="#">ARRIVAL TIME</a>
020	Outpatient (known in the Schema as Care Activity)	<a href="#">APPOINTMENT DATE</a>
021	Future Outpatient (known in the Schema as Future Care Activity)	<a href="#">APPOINTMENT DATE</a>
030	EAL End Of Period Census - STANDARD	<a href="#">DECIDED TO ADMIT DATE</a>
040	EAL End Of Period Census - OLD	<a href="#">NHS SERVICE AGREEMENT CHANGE DATE</a>
050	EAL End Of Period Census - NEW	<a href="#">NHS SERVICE AGREEMENT CHANGE DATE</a>
060	EAL Event During Period - ADD	<a href="#">DECIDED TO ADMIT DATE</a>
070	EAL Event During Period - REMOVE	<a href="#">ELECTIVE ADMISSION LIST REMOVAL DATE</a>
080	EAL Event During Period - OFFER	<a href="#">OFFERED FOR ADMISSION DATE</a>
090	EAL Event During Period - AVAILABLE / UNAVAILABLE	<a href="#">SUSPENSION START DATE</a>
100	EAL Event During Period - OLD SERVICE AGREEMENT	<a href="#">NHS SERVICE AGREEMENT CHANGE DATE</a>
110	EAL Event During Period - NEW SERVICE AGREEMENT	<a href="#">NHS SERVICE AGREEMENT CHANGE DATE</a>
120	Finished Birth Episode	<a href="#">END DATE (EPISODE)</a>
130	Finished General Episode	<a href="#">END DATE (EPISODE)</a>
140	Finished Delivery Episode	<a href="#">END DATE (EPISODE)</a>
150	Other Birth	<a href="#">DELIVERY DATE</a>
160	Other Delivery	<a href="#">DELIVERY DATE</a>

170	<del>Detained and/or Long-Term Psychiatric Census</del>	<del>DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE</del> (held in the LOCATION GROUP: Ward Stay)
170	Detained and/or Long-Term Psychiatric Census	DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE (CDS V6 - located in the Consultant Episode Activity Characteristics data group) (CDS V5 - located in the LOCATION GROUP: Ward Stay data group)
180	Unfinished Birth Episode	START DATE (EPISODE)
190	Unfinished General Episode	START DATE (EPISODE)
200	Unfinished Delivery Episode	START DATE (EPISODE)

**Usage:**

~~The CDS ACTIVITY DATE is held in the CDS Transaction Header Group and is a mandatory data element for all CDS Types and all uses of the CDS Exchange Protocol. This date is validated by the Secondary Uses Service (SUS) and CDS Interchanges are rejected if the date is not present, invalid or not compatible with the CDS Exchange Protocol controls being used.~~

~~In particular, when using the CDS Bulk Replacement Update Mechanism, the CDS ACTIVITY DATE and its CDS Originating Date are used by the Secondary Uses Service to validate that the CDS TYPE date applicability falls within the CDS REPORT PERIOD START DATE and the CDS REPORT PERIOD END DATE.~~

The CDS ACTIVITY DATE is validated by the Secondary Uses Service and CDS Interchanges are rejected if the date is not present, invalid or not compatible with the CDS Submission Protocol controls being used. In particular, when using the CDS Bulk Replacement Update Mechanism, the CDS ACTIVITY DATE and its CDS ORIGINATING DATE are used by the Secondary Uses Service to validate that the CDS TYPE date applicability falls within the CDS REPORT PERIOD START DATE and the CDS REPORT PERIOD END DATE.

---

**CDS APPLICABLE DATE**

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">DATE</a>
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

~~The date (with an associated CDS APPLICABLE TIME) of the update event (or the nearest equivalent) that resulted in the need to exchange this CDS.~~ The date (with an associated CDS APPLICABLE TIME) of the update event (or the nearest equivalent) that resulted in the need to exchange this Commissioning Data Set.

**Usage:**

~~This CDS data item is mandatory when used with the CDS Net Change Update Mechanism.~~ This data element is mandatory when used with the CDS Net Change Update Mechanism. It is not required when the CDS Bulk Replacement Update Mechanism is used. See the CDS Submission Protocol.

~~The CDS APPLICABLE DATE (and CDS APPLICABLE TIME if supplied) is stored in the database and in the event of multiple submissions of the same uniquely identified CDS (even in separate interchanges), the database update process is then able to use the date and time to ensure correct updating of the CDS data in the correct relative date/time sequence.~~ The CDS APPLICABLE DATE (and the CDS APPLICABLE TIME if supplied) is stored in the Secondary Uses Service database and in the event of multiple submissions of the same uniquely identified Commissioning data (even in separate interchanges).

~~CDS-XML Interchanges:~~ The Secondary Uses Service database update process is then able to use this date and time to ensure correct updating of the Commissioning data in the correct relative date/time sequence.

~~Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.~~ CDS-XML Interchanges:

**NHSCDS EDIFACT Interchanges:**

Used as a combined DATE/TIME element in the format CCYYMMDDHHMM. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).

### ~~CDS INTERFACE GATEWAY SERVICE Interchanges:~~

~~The date and time must be supplied in the CDS IGS Header Record:~~

~~Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.~~

---

## CDS APPLICABLE TIME

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">TIME</a>
HES item:	
National Codes:	
Default Codes:	

### Notes:

### Definition:

~~The time (with an associated [CDS APPLICABLE DATE](#)) of the update event (or the nearest equivalent) that resulted in the need to exchange this CDS.~~ The time (with an associated [CDS APPLICABLE DATE](#)) of the update event (or the nearest equivalent) that resulted in the need to exchange this Commissioning data.

### Usage:

~~This CDS data item is mandatory when used with the CDS Net Change Update Mechanism.~~ This data element is mandatory when used with the [CDS Net Change Update Mechanism](#). It is not required when the [CDS Bulk Replacement Update Mechanism](#) is used. See the [CDS Submission Protocol](#).

~~The [CDS APPLICABLE TIME](#) (and [CDS APPLICABLE DATE](#) if supplied) is stored in the database and in the event of multiple submissions of the same uniquely identified CDS (even in separate interchanges), the database update process is then able to use the date and time to ensure correct updating of the CDS data in the correct relative date/time sequence.~~ The [CDS APPLICABLE TIME](#) (and [CDS APPLICABLE DATE](#) if supplied) is stored in the [Secondary Uses Service](#) database and in the event of multiple submissions of the same uniquely identified Commissioning data (even in separate interchanges), the [Secondary Uses Service](#) database update process is then able to use the date and time to ensure correct updating of the Commissioning data in the correct relative date/time sequence.

### CDS-XML Interchanges:

Used in the NHS standard format which is the e-GIF compliant format of HH:MM:SS (and an optional.sss).

### ~~NHSCDS EDIFACT Interchanges:~~

~~Used as a combined DATE/TIME element in the format CCYYMMDDHHMM. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).~~

### ~~CDS INTERFACE GATEWAY SERVICE Interchanges:~~

~~The date and time must be supplied in the CDS IGS Header Record:~~

---

## CDS CENSUS DATE

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">DATE</a>
HES item:	
National Codes:	
Default Codes:	

### Notes:

### Definition:

~~The date on which the relevant census was undertaken.~~ The [DATE](#) on which the relevant census was undertaken.

### Usage:

~~This is a mandatory data item to be included when submitting the following CDS Types:~~

~~CDS TYPE 170 -- the [ADMITTED PATIENT CARE CDS TYPE - DETAINED AND - OR LONG TERM PSYCHIATRIC CENSUS](#)~~

and

~~CDS Types 030, 040, 050, - The Elective Admission List - End Of Period Census CDS Types.~~

**~~CDS Version NHS005:~~**

~~The CDS CENSUS DATE is carried in the [CDS TRANSACTION HEADER GROUP BULK UPDATE](#) or [CDS TRANSACTION HEADER GROUP NET CHANGE](#) header structures depending upon the CDS Exchange Protocol used.~~

~~In addition, the [DETAINED AND \(OR\) LONG TERM PSYCHIATRIC CENSUS DATE](#) is carried in the CDS in the LOCATION GROUP - WARD STAY at PSYCHIATRIC CENSUS DATE data structure.~~

**~~CDS Version CDS006~~**

~~The CDS CENSUS DATE is no longer carried as a specifically named data item.~~

~~Instead it is carried in the mandatory [CDS ACTIVITY DATE](#) in the [CDS TRANSACTION HEADER GROUP BULK UPDATE](#) or [CDS TRANSACTION HEADER GROUP NET CHANGE](#) header structures depending upon the CDS Exchange Protocol used.~~

~~In addition, the mandatory [DETAINED AND \(OR\) LONG TERM PSYCHIATRIC CENSUS DATE](#) data element is carried in the CDS in the Psychiatric Episode Characteristics data structure.~~

~~The use of the date element carried in the Ward Stay data structure is now optional. This is required when submitting the Long Term and/or Detained Psychiatric Census [CDS TYPE](#) .~~

**~~Format in the CDS-XML Interchanges:~~**

~~Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD. **CDS-XML Interchanges:**~~

~~Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.~~

**CDS COPY RECIPIENT IDENTITY**

Change to Data Element: Changed Description, Aliases

Format/length:	an5
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

~~[CDS COPY RECIPIENT IDENTITY](#) is the same as the attribute [ORGANISATION CODE](#). [CDS COPY RECIPIENT IDENTITY](#) is the 5-character NHS [ORGANISATION CODE](#) (or valid default code) for an [ORGANISATION](#) indicated as a [CDS COPY RECIPIENT IDENTITY](#) of the Commissioning data.~~

~~The 5-character NHS [ORGANISATION CODE](#) (or valid default code) for an organisation indicated as a [CDS COPY RECIPIENT IDENTITY](#) of the EDS Message.~~

**Usage:**

~~A Recipient may be an agency or service provider that carries out the receiving (and perhaps other) processes on behalf of the NHS Organisation that ultimately uses the data. There may be multiple recipients for a CDS. Default codes for [CDS COPY RECIPIENT IDENTITIES](#) are detailed in the CDS Addressing Grid as defined in the [Commissioning Data Set Overview](#) . A Recipient may be an agency or service provider that carries out the receiving (and perhaps other) processes on behalf of the NHS [ORGANISATION](#) that ultimately uses the data. There may be multiple recipients for Commissioning data.~~

~~Default codes for [CDS COPY RECIPIENT IDENTITIES](#) are detailed in the [CDS Addressing Grid](#).~~

**CDS COPY RECIPIENT IDENTITY**

Change to Data Element: Changed Description, Aliases

- Changed Description
- Alias Changes



Name	Old Value	New Value
schema	OPRGANISATION CODE (COPY RECEIPIENT IDENTITY)	ORGANISATION CODE (COPY RECIPIENT IDENTITY)

## CDS EXTRACT DATE

Change to Data Element: Changed Description

Format/length: see [DATE](#)  
HES item:  
National Codes:  
Default Codes:

### Notes:

#### Definition:

~~The date (with an associated [CDS\\_EXTRACT\\_TIME](#) ) of the update event (or the nearest equivalent) that resulted in the need to exchange this CDS.~~ The [DATE](#) (with an associated [CDS\\_EXTRACT\\_TIME](#) ) of the update event (or the nearest equivalent) that resulted in the need to exchange this Commissioning Data Set.

#### Usage:

~~This CDS data item is mandatory when used with the CDS Bulk Replacement Update Mechanism. It is not required when the CDS Net Change Update Mechanism is used. The [CDS\\_EXTRACT\\_DATE](#) (and [CDS\\_EXTRACT\\_TIME](#) if supplied) is stored in the database and in the event of multiple submissions of a similarly defined identified Bulk Update submission of CDSs (even in separate interchanges), the database update process is then able to use the date and time to ensure correct updating of the CDS data in the correct relative date/time sequence.~~ This data element is mandatory when used with the CDS Bulk Replacement Update Mechanism. It is not required when the CDS Net Change Update Mechanism is used, see the [CDS Submission Protocol](#).

~~**CDS-XML Interchanges:**~~ The [CDS\\_EXTRACT\\_DATE](#) (and [CDS\\_EXTRACT\\_TIME](#) if supplied) is used by the [Secondary Uses Service](#) to detect duplicate Interchanges of a similarly defined Bulk Update submission of Commissioning Data Sets.

~~Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.~~

#### ~~NHSCDS EDIFACT Interchanges:~~

~~Used as a combined DATE/TIME element in the format CCYYMMDDHHMM. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ). The [Secondary Uses Service](#) processes and stores the date and time information to ensure correct updating of the Commissioning Data Set data in the correct relative date/time sequence.~~

#### ~~CDS INTERFACE GATEWAY SERVICE Interchanges:~~

~~The date and time must be supplied in the CDS IGS Header Record.~~ **CDS-XML Interchanges:**

~~Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.~~

## CDS EXTRACT TIME

Change to Data Element: Changed Description

Format/length: see [TIME](#)  
HES item:  
National Codes:  
Default Codes:

### Notes:

#### Definition:

~~The time at which the CDS extract was undertaken.~~ The [TIME](#) at which the Commissioning data extract was undertaken.

#### Usage:

~~This CDS Data item is mandatory when using the CDS Bulk Replacement Update Mechanism and is used to ensure that submissions are processed in the correct relative sequence, especially where submissions contain multiple data sets. The sender of CDS data should determine the most useful point of the system's processes to generate and insert this time into the data stream to provide a useful reference/audit control point.~~ This data element is mandatory when using the CDS Bulk Replacement Update Mechanism and is used to ensure that submissions are processed in the correct relative ) sequence. See the [CDS Submission Protocol](#).

~~Recommended uses are:~~



~~At the point of the PAS/CASEMIX extract process.~~

~~After any further data pre-processing.~~

~~On completion of the EDI translation processes. The sender of Commissioning Data Set data should determine the most useful point of the system's processes to generate this time value to provide a useful reference/audit control point.~~

**CDS-XML Interchanges:**

~~Used in the NHS standard format which is the e-GIF compliant format of HH:MM:SS (and an optional.sss).~~

**~~NHSCDS EDIFACT Interchanges:~~**

~~Used as a combined DATE/TIME element in the format CCYYMMDDHHMM. The HHMM time element is optional.~~

Used in the NHS standard format which is the e-GIF compliant format of HH:MM:SS

---

## CDS INTERCHANGE APPLICATION REFERENCE

---

Change to Data Element: Changed Description

Format/length:	an14
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

~~This element identifies the application content of the Interchange where the Interchange contains only one type of Message.~~ This data element identifies the application content of the Interchange where the Interchange contains only one type of Message.

**Usage:**

This facility enables submitted interchanges to be marked to enable interchange content to be identified and recorded. ~~All CDS interchanges must contain this data element.~~

All CDS Interchanges must contain this data element.

<del>CODE</del>	<del>CLASSIFICATION</del>
NHSCDS	EDS Interchange
<b>CODE</b>	<b>CLASSIFICATION</b>
NHSCDS	CDS Interchange

**CDS-XML Interchanges:**

~~All CDS-XML interchanges submitted must contain a [CDS INTERCHANGE APPLICATION REFERENCE](#).~~

**~~NHSCDS EDIFACT Interchanges:~~**

~~The [CDS INTERCHANGE APPLICATION REFERENCE](#) is represented by the data value contained in the EDIFACT UNB 0026 EDIFACT Application Reference.~~

~~EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).~~

**~~EDS INTERFACE GATEWAY SERVICE Interchanges:~~**

~~Not Applicable.~~

CDS-XML interchanges submitted may contain the optional [CDS INTERCHANGE APPLICATION REFERENCE](#).

---

## CDS INTERCHANGE CONTROL REFERENCE

---

Change to Data Element: Changed Description

Format/length:	an14
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

This provides a unique number (per sender) to identify every CDS submission. For each CDS Interchange submitted, the **CDS INTERCHANGE CONTROL REFERENCE** must be incremented by 1. This provides a unique number (per sender identity) to identify every Commissioning Data Set Interchange submission.

For each Interchange submitted, the **CDS INTERCHANGE CONTROL REFERENCE** must be incremented by 1. The maximum value supported is n7 and wrap around from 9999999 to 1 must be supported.

#### Usage:

This is a mandatory data element when submitting CDS Interchanges and is used to uniquely identify and if required, to sequence check all CDS submissions. Although EDIFACT configures a 14 alpha-numeric format, a maximum value of 9,999,999 is permitted in the format of n7. This control reference data may also be presented on service messages and audit logs, etc.

**CDS-XML Interchanges:** This is a mandatory data element when submitting Commissioning Data Set Interchanges and is used to uniquely identify and if required, to sequence check Commissioning Data Set submissions.

All CDS-XML interchanges submitted must contain a **CDS INTERCHANGE CONTROL REFERENCE**.

#### NHSCDS EDIFACT Interchanges:

The **CDS INTERCHANGE CONTROL REFERENCE** is represented by the data value contained in the EDIFACT UNB-0020 Interchange Control Reference data element. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).

**CDS INTERFACE GATEWAY SERVICE Interchanges:** Although (for historical reasons) contained in a 14 alpha-numeric format, a maximum value of 9999999 is permitted in the format of n7.

The **CDS INTERCHANGE CONTROL REFERENCE** is represented by the data value contained in the Control Number data element as defined in the Interface Gateway Service Control record. The authorised source of this definition is contained in the NWCS User Guide.

This control reference data may also be presented on **Secondary Uses Service** service messages and audit logs, etc.

Note that in the CDS IGS record the Control Number data field has a format of n7. Wrap around from 9999999 to 1 must be supported.

#### CDS-XML Interchanges:

All CDS-XML interchanges submitted must contain a **CDS INTERCHANGE CONTROL REFERENCE**.

---

## CDS INTERCHANGE DATE OF PREPARATION

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">DATE</a>
HES item:	
National Codes:	
Default Codes:	

#### Notes:

#### Definition:

This is the date when the CDS Interchange data was created. This is the **DATE** when the Commissioning Data Set Interchange data was created.

#### Usage:

This is a mandatory data element when submitting CDS Interchanges. This is a mandatory data element when submitting Commissioning data.

#### CDS-XML Interchanges:

All XML interchanges submitted must contain a **CDS INTERCHANGE DATE OF PREPARATION**. Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.

#### NHSCDS EDIFACT Interchanges:

The **CDS INTERCHANGE DATE OF PREPARATION** is represented by the date contained in the EDIFACT UNB-S004/0017 Date Of Preparation compound data element. Note that the EDIFACT format is **YYMMDD** which is not e-GIF compliant.

#### CDS INTERFACE GATEWAY SERVICE Interchanges:

The **CDS INTERCHANGE DATE OF PREPARATION** is represented by the date data contained in the Date Created data field as contained in the Interface Gateway Service Control record. Note that this has the format of CCYYMMDD. The authorised source of the definition of this IGS data field is contained in the NWCS User Guide.

All XML interchanges submitted must contain a **CDS INTERCHANGE DATE OF PREPARATION** in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.

---

## CDS INTERCHANGE RECEIVER IDENTITY

---

Change to Data Element: Changed Description

Format/length:	an15
HES item:	
National Codes:	
Default Codes:	

### Notes:

#### Definition:

This is the address of the physical site receiving a CDS interchange. This is the address of the physical site receiving a Commissioning Data Set interchange.

#### Usage:

This is a mandatory data element when receiving CDS interchanges. Every **ORGANISATION** wishing to receive data from the service must register its **CDS INTERCHANGE RECEIVER IDENTITY**. Where an Organisation acts on behalf of another NHS Organisation, care must be taken to ensure the correct use of the address. The collection facility for Commissioning data is the **Secondary Uses Service**.

For onward delivery, the service will insert the identity in the **CDS INTERCHANGE SENDER IDENTITY** as the address of the physical site to send the data and the address of the recipient into the **CDS INTERCHANGE RECEIVER IDENTITY**.

#### XML Interchanges:

All CDS XML interchanges submitted must contain a **CDS INTERCHANGE RECEIVER IDENTITY**.

All CDS XML interchanges submitted must contain the **CDS INTERCHANGE RECEIVER IDENTITY** of the **Secondary Uses Service**.

#### NHSCDS EDIFACT Interchanges:

The **CDS INTERCHANGE RECEIVER IDENTITY** is represented by the EDI Receiver Address data contained in the EDIFACT UNB S003/0010 Recipient Identification data element and must conform to the NHS EDI Addressing Standards as specified in NWNDT/T1.20.2. For addressing details see <http://www.connectingforhealth.nhs.uk/addressing>. Note that when submitting the **Mental Health Minimum Data Set** the "MHMDS Assembler" software generates the **CDS INTERCHANGE RECEIVER IDENTITY** into the data message.

Note that this utilises a 15 alpha-character format although the EDIFACT data element supports an an35 format. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).

#### CDS INTERFACE GATEWAY SERVICE Interchanges:

The **CDS INTERCHANGE RECEIVER IDENTITY** is represented by the EDI Receiver Address contained in the Destination Identification data field as defined in the CDS Interface Gateway Service Control record. The authorised source of this definition is contained in the NWCS User Guide.

Note that the MHMDS Assembler software generates this data into its CDS IGS control record before submitting data.

---

## CDS INTERCHANGE SENDER IDENTITY

---

Change to Data Element: Changed Description

Format/length:	an15
HES item:	
National Codes:	
Default Codes:	

### Notes:

#### Definition:

This is the address of the physical **ORGANISATION** or site responsible for sending a CDS interchange. This is the assigned EDI Address of the physical **ORGANISATION** or site responsible for sending Commissioning data.

## Usage:

This is a mandatory data element when submitting CDS interchanges. Every organisation must register its [CDS INTERCHANGE SENDER IDENTITY](#) and/or [CDS INTERCHANGE RECEIVER IDENTITY](#) with the service. Where an Organisation acts on behalf of another NHS Organisation, care must be taken to ensure the correct use of the address. For data submitted to the service the [CDS INTERCHANGE SENDER IDENTITY](#) is the EDI Address of the sending site. For onward delivery, the service will insert the CDS supplier identity as the address of the physical site to send the data.

**XML Interchanges:** This is a mandatory data element when submitting Commissioning Data Set interchanges.

All CDS-XML interchanges submitted must contain a [CDS INTERCHANGE SENDER IDENTITY](#). Every organisation must register its CDS INTERCHANGE SENDER IDENTITY for use with the Secondary Uses Service.

## NHSCDS EDIFACT Interchanges:

The [CDS INTERCHANGE SENDER IDENTITY](#) is represented by the EDI Sender Address data contained in the EDIFACT UNB S002/0004 Sender Identification data element and must conform to the NHS EDI Addressing Standards as specified in NWNDD/T1.20.2. For addressing details see <http://www.connectingforhealth.nhs.uk/addressing>. Where an ORGANISATION acts on behalf of another NHS ORGANISATION, care must be taken to ensure the correct use of the identity. For data submitted to the service, the CDS INTERCHANGE SENDER IDENTITY is the EDI Address of the sending site.

Note that this utilises a 15 alpha-character format although the EDIFACT data element supports an an35 format. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).

## XML Interchanges:

All CDS-XML interchanges submitted must contain a [CDS INTERCHANGE SENDER IDENTITY](#).

## CDS INTERFACE GATEWAY SERVICE Interchanges:

The [CDS INTERCHANGE SENDER IDENTITY](#) is represented by the EDI Sender Address contained in the Source Identification data field as defined in the CDS Interface Gateway Service Control record. The authorised source of this definition is contained in the NWCS User Guide. Note that when submitting Mental Health Minimum Data Set data the "MHMDS Assembler" software generates this data.

Note that the MHMDS Assembler software generates this data into its CDS IGS control record carried at the start of the MHMDS before submitting the data.

---

## CDS INTERCHANGE TEST INDICATOR

---

Change to Data Element: Changed Description

Format/length:	an1
HES item:	
National Codes:	
Default Codes:	

## Notes:

## Definition:

This indicates whether the Interchange is a production or test Interchange.

CODE	CLASSIFICATION
+	The whole Interchange contains TEST data
0 (zero)	The whole Interchange contains PRODUCTION data
Other	The whole Interchange contains PRODUCTION data
Blank	The whole Interchange contains PRODUCTION data
Null	The whole Interchange contains PRODUCTION data
CODE	CLASSIFICATION
1	The whole Interchange contains Test data
0 (zero)	The whole Interchange contains Production data
Other Blank Null	The whole Interchange contains Production data

## Usage:

This optional test facility enables interchanges submitted to be marked and therefore processed as TEST or PRODUCTION data. Whilst the

~~data element is optional it is highly recommended that correct values be completed in the data:~~

This optional test facility enables interchanges submitted to be marked and therefore processed as Test or Production data.

~~On receipt of a TEST Interchange, the processes are as follows: Whilst the data element is optional it is highly recommended that correct values be completed in the data.~~

On receipt of a Test Interchange, the processes are as follows:

- a) All normal validation processes will be carried out
- ~~b) The Interchange data will not be entered into the database~~
- ~~c) The Interchange data will not be delivered to any receiver~~ b) The Interchange data will not be entered into the Secondary Uses Service database

#### CDS-XML Interchanges:

All CDS-XML interchanges submitted must contain a [CDS INTERCHANGE TEST INDICATOR](#)

#### ~~NHSCDS EDIFACT Interchanges:~~

~~The [CDS INTERCHANGE TEST INDICATOR](#) is represented by the data value contained in the EDIFACT UNB 0035 EDIFACT Test Indicator. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).~~

#### ~~CDS INTERFACE GATEWAY SERVICE Interchanges:~~

~~The CDS INTERCHANGE TEST INDICATOR is represented by the data value contained in the Test Indicator data field as defined in the CDS Interface Gateway Service Control record. The authorised source of this definition is contained in the NWCS User Guide.~~

#### ~~Note:~~

~~A further test facility exists where an individual CDS may be marked as test by setting the [CDS TEST INDICATOR](#) in the CDS Transaction Header Group.~~

All CDS-XML interchanges submitted may contain a CDS INTERCHANGE TEST INDICATOR.

---

## CDS INTERCHANGE TIME OF PREPARATION

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">TIME</a>
HES item:	
National Codes:	
Default Codes:	

#### Notes:

#### Definition:

This is the time when the CDS Interchange data was created.

#### Usage:

This is a mandatory data element when submitting CDS Interchanges.

#### CDS-XML Interchanges:

All XML interchanges submitted to the service must contain a [CDS INTERCHANGE TIME OF PREPARATION](#). Used in the NHS standard format which is the e-GIF compliant format of HH:MM:SS (and an optional.sss).

#### ~~NHSCDS EDIFACT Interchanges:~~ All XML interchanges submitted to the service must contain a [CDS INTERCHANGE TIME OF PREPARATION](#).

~~The [CDS INTERCHANGE TIME OF PREPARATION](#) is represented by the time data contained in the EDIFACT UNB S004/0019 Time Of Preparation compound data element.~~

~~Note that the EDIFACT format is HHMM which is not e-GIF compliant.~~

#### ~~CDS INTERFACE GATEWAY SERVICE Interchanges:~~

~~The [CDS INTERCHANGE TIME OF PREPARATION](#) is represented by the date data contained in the Time Created data field as defined in the Interface Gateway Service Control record.~~

Used in the NHS standard format which is the e-GIF compliant format of HH:MM:SS

---

## CDS MESSAGE REFERENCE

---

Change to Data Element: Changed Description

Format/length:	an14
HES item:	
National Codes:	
Default Codes:	

### Notes:

### Definition:

This is a mandatory data element and is a sequentially incremented number for each message within an interchange.

### Usage:

For each message within an interchange the [CDS MESSAGE REFERENCE](#) is assigned to provide a unique identity (within an interchange). ~~Although EDIFACT configures a 14 alpha-numeric format, a maximum value of 9999999 is permitted in the format of n7. Although the data is configured in a 14 alpha-numeric format, a maximum value of 9999999 is permitted in the format of n7.~~ Wrap around from 9999999 to 1 must be supported.

### ~~CDS-XML Interchanges:~~

~~All CDS-XML messages submitted must contain a [CDS MESSAGE REFERENCE](#) in both the CDS Message Header.~~

### ~~NHSCDS EDIFACT Interchanges:~~

~~All NHSCDS EDIFACT message submitted must contain a [CDS MESSAGE REFERENCE](#) in the EDIFACT UNH 0062 EDIFACT Message Reference Number data element. The same data element is also carried in the associated UNT Message Trailer Segment. EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).~~

### ~~CDS INTERFACE GATEWAY SERVICE Interchanges:~~

~~Not Applicable.~~

~~The [CDS MESSAGE REFERENCE](#) is generated and inserted into the NHSCDS EDIFACT message or the CDS-XML message as required.~~

---

## CDS MESSAGE TYPE

---

Change to Data Element: Changed Description

Format/length:	an6
HES item:	
National Codes:	
Default Codes:	

### Notes:

### Definition:

~~This is a mandatory data element and indicates the type of message within an interchange.~~ This is a recommended data element and should be used to indicate the type of message within an Interchange.

### ~~Permitted values are:~~ Recommended values are:

CODE	CLASSIFICATION
NHSCDS	CDS Message

### Usage:

~~Interchanges may contain multiple message of the same [CDS MESSAGE TYPE](#) and [CDS MESSAGE TYPES](#) must not be mixed within a single CDS Interchange.~~ Interchanges should only contain multiple message of the same CDS MESSAGE TYPE.

### ~~CDS-XML Interchanges:~~

~~All CDS-XML messages submitted must contain a [CDS MESSAGE TYPE](#)~~

### ~~NHSCDS EDIFACT Interchanges:~~

~~The [CDS MESSAGE TYPE](#) is represented by the data value contained in the EDIFACT UNH 5009 / 0065 EDIFACT Message Type data element~~

which has an assigned value of "NHSCDS". EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).

**~~CDS INTERFACE GATEWAY SERVICE Interchanges:~~**

~~Not Applicable.~~

~~The CDS IGS message content is inferred by its association with the allocated value supplied in the IGS Header Record Identifier.~~

<del>CODE</del>	<del>CLASSIFICATION</del>
<del>NHSCDS</del>	<del>CDS Message</del>

---

**CDS MESSAGE VERSION NUMBER**

---

Change to Data Element: Changed Description

Format/length:	an6
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

This is a mandatory data element and reflects the version number of the message in use. Message version numbers are updated as required during the on-going message development processes.

**Permitted values are:**

<del>CODE</del>	<del>CLASSIFICATION</del>	
<del>NHS003</del>	<del>The 2000 / 2001 Specification</del>	<del>The final EDIFACT Message Version</del>
NHS003	The 2000 / 2001 Specification	
NHS004	The 2004 / 2005 CDS-XML Specification	
<del>NHS005</del>	<del>The 2005 / 2006 CDS-XML Specification</del>	<del>For implementation of XML messaging in the SUS</del>
CDS006	The 2007 CDS-XML Specification	Note the change to the prefix <b>CDS</b>
NHS005	The 2005 / 2006 CDS-XML Specification	For implementation of XML messaging in the Secondary Uses Service
CDS006	The 2007 CDS-XML Specification	Note the change to the prefix <b>CDS</b>

**Usage:**

~~Interchanges may only contain multiple messages of the same CDS MESSAGE VERSION NUMBER.~~ Interchanges must only contain CDS Messages of the same CDS MESSAGE VERSION NUMBER and each and every CDS TYPE must contain a CDS MESSAGE VERSION NUMBER.

**~~CDS-XML Interchanges:~~**

~~All XML messages submitted must contain a CDS MESSAGE VERSION NUMBER.~~

**~~NHSCDS-EDIFACT Interchanges:~~**

~~The CDS MESSAGE VERSION NUMBER reflects the CDS Specification in use and is represented by the data value contained in the EDIFACT UNH 5009 / 0057 EDIFACT Association Assigned Code data element. The CDS MESSAGE VERSION NUMBER must be recorded in each CDS Message used in an Interchange. This is in addition to the CDS-EDIFACT MESSAGE RELEASE NUMBER.~~

~~EDI gateway management and translation solution sets usually generate the required EDIFACT Service Segments (UNB, UNH, UNT, UNZ).~~

---

**CDS PROTOCOL IDENTIFIER**

---

Change to Data Element: Changed Description

Format/length:	n3
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

~~A code to identify the CDS Exchange Protocol and Update Mechanism associated with the transaction.~~ A code to identify the CDS Submission Protocol associated with the transaction.

**Permitted values are:**

CODE	CLASSIFICATION
<del>010</del>	<del>Net Change Update Mechanism</del>
010	Net Change Update Mechanism (This is the recommended Protocol for Commissioning Data Set submissions)
020	Bulk Replacement Update Mechanism

**Usage:**

~~This is a mandatory data item for the processing of CDS data.~~

This is a mandatory data item for the processing of Commissioning Data Set data.

~~The rules for the derivation of the CDS Protocol Identifier are detailed in the NHS CDS Manual.~~ See the supporting information in the CDS Submission Protocol for more details.

**CDS RECORD IDENTIFIER**

Change to Data Element: Changed Description

Format/length:	an35
HES item:	
National Codes:	
Default Codes:	

**Notes:**

This may also be referred to as the [CDS-RID](#).

**Definition:**

When exchanging Commissioning Data Set data, this is an optional data element and when used is a unique number generated by the sender and inserted into the Commissioning Data Set data to enable senders and recipients to be able to cross-match and uniquely identify each and every Commissioning Data Set record.

The [CDS RECORD IDENTIFIER](#) consists of the following components:

REF	RID COMPONENT	FORMAT	CODES / VALUES
1	<a href="#">CDS SENDER IDENTITY</a>	an5	As generated in the <a href="#">CDS TRANSACTION HEADER GROUP BULK UPDATE</a> or the <a href="#">CDS TRANSACTION HEADER GROUP NET CHANGE</a>
2	Not Used	an2	Set = Blank
3	<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	an14 (n7) *	As generated in the <a href="#">CDS INTERCHANGE HEADER</a>
4	<a href="#">CDS MESSAGE REFERENCE</a>	an14 (n7) *	As generated in the <a href="#">CDS MESSAGE HEADER</a>

~~The NHSCDS EDIFACT Message configures this data item as an an14 format element, but a maximum user value of 9,999,999 is permitted in the format of n7.\*~~ This data item is configured as an14 format element, but a maximum value of 9999999 is permitted in the format of n7.

**Usage:**

~~This item has been defined as a Commissioning Data Set data item to support the carrying of pseudonymised data in the Commissioning Data Set. The [CDS RECORD IDENTIFIER](#) is an optional identity assigned to each record by the CDS sender to aid the identification and cross-referencing of data between the sender and the receiver(s) of the Commissioning Data Set data.~~

The CDS-RID is an optional reference assigned to each record by the Commissioning Data Set sender to aid the identification and cross-referencing of data between the sender and the receiver(s) of the Commissioning Data Set data.



#### CDS-XML Interchanges:

The ~~CDS-RECORD-IDENTIFIER~~ data element is carried in the Commissioning Data Set Message Header.

#### NHSCDS EDIFACT Interchanges:

The NHS Commissioning Data Set EDIFACT Message does not directly support this as an individual data item but the equivalent reference information may be generated and/or related to the data elements referenced in the chart above.

#### IGS Interchanges:

Applicable to Commissioning Data Set Interface Gateway Service processes.

The CDS-RID data element is carried in the CDS Message Header.

---

### CDS REPORT PERIOD END DATE

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">DATE</a>
HES item:	
National Codes:	
Default Codes:	

#### Notes:

#### Definition:

This data item defines the end date (for the date range of the data being exchanged) for the CDS Bulk Replacement Update time period.

#### Usage:

This is a mandatory data item when the CDS Bulk Replacement Update Mechanism is used. It is not required when the CDS Net Change Update Mechanism is used. ~~The CDS-REPORT-PERIOD-END-DATE must be a valid date and must not be before the CDS-REPORT-PERIOD-START-DATE.~~

The CDS REPORT PERIOD END DATE must be a valid date and must not be before the CDS REPORT PERIOD START DATE.

See the supporting information in the CDS Submission Protocol for further details.

#### CDS-XML Interchanges:

Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.

#### NHSCDS EDIFACT Interchanges:

Used as a combined DATE/TIME element in the format CCYYMMDDHHMM. The time element is not used.

Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.

---

### CDS REPORT PERIOD START DATE

---

Change to Data Element: Changed Description

Format/length:	see <a href="#">DATE</a>
HES item:	
National Codes:	
Default Codes:	

#### Notes:

#### Definition:

This defines the start date (for the date range of the data being exchanged) for the Bulk Replacement Update time period.

#### Usage:

This is a mandatory data item when the CDS Bulk Replacement Update Mechanism is used. It is not required when the CDS Net Change Update Mechanism is used. ~~The CDS-REPORT-PERIOD-START-DATE must be a valid date and cannot be after the CDS-REPORT-PERIOD-END-DATE.~~

The CDS REPORT PERIOD START DATE must be a valid date and cannot be after the CDS REPORT PERIOD END DATE.

See the supporting information in the [CDS Submission Protocol](#) for further details.

#### CDS-XML Interchanges:

Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.

#### NHSCDS EDIFACT Interchanges:

Used as a combined DATE/TIME element in the format CCYYMMDDHHMM. The time element is not used.

Used in the NHS standard format which is the e-GIF compliant format of CCYY-MM-DD.

---

## CDS SENDER IDENTITY

---

Change to Data Element: Changed Description

Format/length:	an5
HES item:	
National Codes:	
Default Codes:	

#### Notes:

This is the identity of the [ORGANISATION](#) acting as the Sender of a CDS submission and is represented by that Organisation's [ORGANISATION CODE](#). This is the identity of the [ORGANISATION](#) acting as the Sender of a Commissioning Data Set submission and is represented by that Organisation's [ORGANISATION CODE](#).

#### Definition:

See [ORGANISATION CODE](#).

#### Usage:

The [CDS SENDER IDENTITY](#) is the mandatory 5-character NHS Organisation Code of the organisation acting as the physical Sender of CDS submissions. The CDS Sender must make sure that the CDS extraction and submission facilities and processes differentiate correctly between: The [CDS SENDER IDENTITY](#) is the mandatory 5-character NHS Organisation Code of the organisation acting as the physical Sender of Commissioning Data Set submissions. The CDS Sender must make sure that the Commissioning Data Set extraction and submission facilities and processes differentiate correctly between:

- The [ORGANISATION CODE \(CDS SENDER IDENTITY\)](#) as carried in the CDS Transaction Header Group for every CDS, and
- The [ORGANISATION CODE \(CODE OF PROVIDER\)](#) as carried in the Service Agreement details which are part of the Episode/Attendance details.

Once associated with the a Commissioning Data Set record and submitted to the [Secondary Uses Service](#), the [CDS SENDER IDENTITY](#) should not be changed unless great care is taken to delete the original Commissioning Data Set records before any resubmission is undertaken.

~~The [ORGANISATION CODE \(CDS SENDER IDENTITY\)](#) as carried in the CDS Transaction Header Group for every CDS, and~~

~~The [ORGANISATION CODE \(CODE OF PROVIDER\)](#) as carried in the Service Agreement details which are part of the Episode/Attendance details.~~

Usually, the [CDS SENDER IDENTITY](#) is never altered once assigned.

---

## CDS TEST INDICATOR

---

Change to Data Element: Changed Description

Format/length:	an1
HES item:	
National Codes:	
Default Codes:	

#### Notes:

#### Definition:

This optional data item enables the individual CDS message to be classified as a normal or a test transaction. **This function is not**

supported by the Secondary Uses Service and must not be used.

**The retired definition:** This optional data item enables the individual Commissioning Data Set message to be classified as a normal or a test transaction.

Permitted values are:

CODE	CLASSIFICATION
T	The CDS Message contains Test CDS data
Other	The CDS Message contains production CDS data

Usage:

~~CDS data marked with a "T" in the CDS Test Indicator in the CDS Transaction Group Header will result in:~~

Commissioning Data Set data marked with a "T" in the CDS Test Indicator in the CDS Transaction Group Header will result in:

- a) ~~Delivery of the test marked CDS to the receiver as addressed;~~ a) Delivery of the test record to the receiver as addressed;
- b) ~~The test-marked CDS will not be entered into the database;~~ b) The test-marked record will not be entered into the database;
- c) ~~Delivery of all other CDSs to the receiver as addressed;~~ c) Delivery of all other records to the receiver as addressed;
- d) ~~All non-test marked CDSs will be entered into the database;~~ d) All non-test marked records will be entered into the database.

~~Production CDSs must not be marked as a TEST.~~ Production Commissioning Data Set submissions must not be marked as a Test.

~~It is strongly recommended that Test and Production CDSs are not mixed in the same interchange. A further test facility exists where the whole CDS Interchange is marked as TEST by setting the CDS INTERCHANGE TEST INDICATOR in the CDS Interchange Header. It is strongly recommended that Test and Production Commissioning Data Set data are not mixed in the same interchange. A further test facility exists where the whole CDS Interchange is marked as Test by setting the CDS INTERCHANGE TEST INDICATOR in the CDS Interchange Header.~~

~~Refer to the NHS CDS Manual for a detailed description of these processes~~

## CDS UNIQUE IDENTIFIER

Change to Data Element: Changed Description

Format/length:	an35
HES item:	
National Codes:	
Default Codes:	

Notes:

Definition:

~~A CDS data element providing a unique identity for the life-time of an episode carried in a CDS message. The CDS UNIQUE IDENTIFIER has three components. See the supporting information in the CDS Submission Protocol.~~

A Commissioning Data Set data element providing a unique identity for the life-time of an episode carried in a Commissioning Data Set message.

Once assigned, a Commissioning Data Set record must retain its CDS UNIQUE IDENTIFIER otherwise duplicate Commissioning Data Set records may be generated and stored in the Secondary Uses Service database.

The CDS UNIQUE IDENTIFIER has three components. The recommended constructs are given below.

For All CDS Types EXCEPT the EAL CDS Types:

REF	UID	FORMAT	CODES / VALUES	COMMENT
1	NHS Organisation Code Type	an1	A = Pre 1996 Organisation Code B = Post 1996 NHS Organisation Code	Mandatory For all CDS Types
2	Provider Code	an5	The NHS Organisation Code of the Provider at the time of, or at the start of, the period covered by the activity reported by the CDS Message.	Mandatory for all CDS Types

3a	<del>Application Specific CDS Identity</del>	an29	<del>A code of up to 29 alpha-numeric characters generated by the Sender's application to uniquely identify the CDS within its CDS Type or family of CDS Types</del>	<del>Mandatory for all CDS Types Except for EAL CDS Types</del>
1	NHS Organisation Code Type	an1	A = Pre 1996 Organisation Code B = Post 1996 NHS Organisation Code	Mandatory For all CDS TYPES
2	Provider Code	an5	The NHS Organisation Code of the Provider at the time of, or at the start of, the period covered by the activity reported by the CDS Message.	Mandatory for all CDS TYPES
3a	Application Specific CDS Identity	an29	A code of up to 29 alpha-numeric characters generated by the Sender's application to uniquely identify the CDS within its CDS Type or family of CDS Types	Mandatory for all CDS TYPES Except for EAL CDS Types

For EAL End Of Period (EOP) CDS Types only:

REF	UID	FORMAT	CODES / VALUES	COMMENT
<del>4</del>	<del>NHS Organisation Code Type</del>	<del>an1</del>	<del>A = Pre 1996 Organisation Code B = Post 1996 NHS Organisation Code</del>	<del>Mandatory For all CDS Types</del>
<del>2</del>	<del>Provider Code</del>	<del>an5</del>	<del>The NHS Organisation Code of the Provider at the time of, or at the start of, the period covered by the activity reported by the CDS Message.</del>	<del>Mandatory for all CDS Types</del>
1	NHS Organisation Code Type	an1	A = Pre 1996 Organisation Code B = Post 1996 NHS Organisation Code	Mandatory For all CDS TYPES
2	Provider Code	an5	The NHS Organisation Code of the Provider at the time of, or at the start of, the period covered by the activity reported by the CDS Message.	Mandatory for all CDS TYPES
3b	Application Specific CDS Identity	an9	A code of up to 9 alpha-numeric characters generated by the Sender's application to uniquely identify the EAL End Of period census CDS Types with the same Admission List Entry. Additional data positions must be left blank.	Mandatory for all EAL EOP CDS Types
3c	Filler	an20	Additional data positions must be left blank.	

For EAL Event During Period (EDP) CDS Types only:

REF	UID	FORMAT	CODES / VALUES	COMMENT
<del>4</del>	<del>NHS Organisation Code Type</del>	<del>an1</del>	<del>A = Pre 1996 Organisation Code B = Post 1996 NHS Organisation Code</del>	<del>Mandatory For all CDS Types</del>
<del>2</del>	<del>Provider Code</del>	<del>an5</del>	<del>The NHS Organisation Code of the Provider at the time of, or at the start of, the period covered by the activity reported by the CDS Message.</del>	<del>Mandatory for all CDS Types</del>
<del>3d</del>	<del>Application Specific CDS Identity</del>	<del>an9</del>	<del>A code of up to 5 alpha-numeric characters padded with 4 trailing spaces to 9 characters. Generated by the Sender's application to uniquely identify the EAL End Of period census CDS Types with the same Admission List Entry.</del>	<del>Mandatory for all EAL EOP CDS Types</del>
<del>3e</del>	<del>Filler</del>	<del>an3</del>	<del>A code of 3 alpha-numeric characters generated by the Sender's application to identify the event within the EAL Entry. Even if the events are of different types, they must have different identifiers.</del>	<del>Mandatory for all EAL EOP CDS Types</del>
1	NHS Organisation Code Type	an1	A = Pre 1996 Organisation Code B = Post 1996 NHS Organisation Code	Mandatory For all CDS TYPES
2	Provider Code	an5	The NHS Organisation Code of the Provider at the time of, or at the start of, the period covered by the activity reported by the CDS Message.	Mandatory for all CDS TYPES
3d	Application Specific CDS Identity	an9	A code of up to 5 alpha-numeric characters padded with 4 trailing spaces to 9 characters. Generated by the Sender's application to uniquely identify the EAL End Of period census CDS Types with	Mandatory for all EAL EOP CDS Types

			the same Admission List Entry.	
3e	Filler	an3	A code of <b>3 alpha-numeric characters</b> generated by the Sender's application to identify <b>the event</b> within the EAL Entry. Even if the events are of different types, they must have different identifiers. .	<b>Mandatory for all EAL EOP CDS Types</b>
3f	Filler	an17	Additional data positions must be left blank.	

**Usage:**

See the supporting information in the [CDS Submission Protocol](#) for detailed information.

This is a mandatory data item when the Net Change Update Mechanism is used and strongly recommended for use with the Bulk Replacement Update Mechanism.

**However it is strongly advised that users of the Bulk Replacement Mechanism maintain a correctly generated CDS UNIQUE IDENTIFIER within the Commissioning data. This will establish a migration path towards the use of the Net Change Mechanism and will also then minimise the risk of creating duplicate Commissioning Data Set data in the Secondary Uses Service database.**

- ~~Note that senders of CDS data remain directly responsible for the integrity of the CDS UID.~~ Note that senders of Commissioning Data Set data remain directly responsible for the integrity of the CDS UNIQUE IDENTIFIER.
- ~~The first two components, the NHS Organisation Code Type and the Provider Code, are required for all CDS Types.~~ The first two components, the ORGANISATION CODE TYPE and the ORGANISATION CODE (CODE OF PROVIDER), are required for all CDS TYPES.
- ~~It is a mandatory requirement for all submissions using the Net Change Update Mechanism that these two components are constructed correctly to ensure uniqueness of the CDS UID across the NHS.~~ It is a mandatory requirement for all submissions using the Net Change Update Mechanism that these two components are constructed correctly to ensure uniqueness of CDS UNIQUE IDENTIFIERS across the NHS.
- The structure of 3b and 3c allows the EAL End of Period Census and the EAL Event During Period Census for the same EAL Entry to be linked.

~~There are circumstances in PAS/CASEMIX application systems where the control of the UID key integrity may be suspect.~~ There are circumstances in patient care application systems where the control of the UID key integrity may be suspect. These issues include:

- ~~a) Episode deletion (not resulting in a CDS deletion sent to the Commissioner);~~ a) Episode deletion (not resulting in a Commissioning Data Set deletion of previously submitted data sent to the original Commissioner);
- ~~b) Episode re-sequencing (not resulting in a corresponding CDS being sent);~~ b) Episode re-sequencing (not resulting in a corresponding Commissioning Data Set records being sent);
- c) Service agreement alterations not resulting in correct adjustments - Old Service Agreement deletion / New Service Agreement addition
- ~~d) Re-admissions causing duplicate keys on the ClearNET database.~~ d) Re-admissions causing duplicate keys on the Secondary Uses Service database.

~~The NWCS User Guide contains further details regarding the management and use of the CDS UNIQUE IDENTIFIER.~~

**DATE**

Change to Data Element: Changed Description

Format/length:	an10 ccyymm-dd
HES item:	
National Codes:	
Default Codes:	

**Notes:**

The day, month, year and century, or any combination of these elements, of an event.

References:

UK Government Data Standards Catalogue (GDSC), Version 1.0, Agreed 01.01.02. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>

This is the e-GIF standard that should be used for all new and developing systems and for XML messages.

~~For existing CDS EDIFACT messages however, the standard format n8 - ccyymmdd should continue to be used for all DATES;~~

except for ~~DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE~~ which has a format n4 - ccyy.

~~Other messages currently being exchanged eg data sets, using DATE standards developed prior to e-GIF, should be migrated as soon as practicably possible. However, this migration should be instructed via changes to data set implementation guidance. Individual users must remain compliant with the standard format n8 - ccymmdd currently used, except for SYMPTOMS FIRST NOTED DATE which has a format ccymm, until data set implementation guidance instructs otherwise.~~

Concatenated date time elements are in use and are derived from the e-GIF standards for [DATE](#) and [TIME](#), these should continue to be used unless further notified.

## UK Government Data Standards Catalogue

Data Element	Date
<i>Is Part Of</i>	Temporal
<i>Has Parts</i>	
<i>Version</i>	1.0
<i>Status</i>	Release
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	1 January 2002

Meta Data	Value
<i>Name</i>	<b>Date</b>
<i>Description</i>	The day, month, year and century, or any combinations of these elements, of an event.
<i>Business Format</i>	10 Characters in the format CCYY-MM-DD
<i>Element Type</i>	Data Type
<i>Validations</i>	<ol style="list-style-type: none"><li>1. Values less than 10 in the day, month or year elements, should be entered with a zero in the first position.</li><li>2. Days must not be greater than 30 in April, June, September and November.</li><li>3. Days must not be greater than 28 in February except when 29 is allowed for a leap year.</li></ol>
<i>Values</i>	CCYY should be a valid year number. MM in Range 01-12. DD in Range 01-31.
<i>Default Value</i>	
<i>Owner</i>	OeE
<i>Based On</i>	XML Schema Part 2: Datatypes W3C Recommendation 02 May 2001.
<i>Verification</i>	
<i>Comments</i>	<ol style="list-style-type: none"><li>1. See the W3C standard for details of formatting shortened versions of Date, e.g. month and year only.</li><li>2. DWP cannot process dates before 1852-02-29.</li></ol>

### DELIVERY DATE

Change to Data Element: Changed Description

Format/length:	See <a href="#">DATE</a>
HES item:	
National Codes:	
Default Codes:	

#### Notes:

~~This records the date of delivery for each registrable birth and corresponds to the attribute [PERSON BIRTH DATE](#).~~

~~The e-GIF standard [PERSON BIRTH DATE](#) should be used for all new and developing systems and for XML messages. For existing CDS EDIFACT messages however, [DELIVERY DATE](#) should be used.~~

This records the date of delivery for each registrable birth and corresponds to the attribute [DATE](#).

### DETAINED AND (OR) LONG TERM PSYCHIATRIC CENSUS DATE

Change to Data Element: Changed Description

Format/length:	see <a href="#">DATE</a>
HES item:	CENDATE
National Codes:	
Default Codes:	

**Notes:**

~~The date at which, on 31 March, the Psychiatric Census of detained and/or long-term PATIENTS is held. The date at which the Psychiatric Census of Detained and/or Long-Term PATIENTS is held. The CDS V6 TYPE 170 - the Detained and/or Long Term Psychiatric Census must be submitted annually to the Secondary Uses Service using a date of 31 March for the year of the census.~~

See the [CDS Mandated Data Flows](#) .

By local agreement, other submissions may be made and where this is undertaken, the date chosen must also be compatible with the [CDS Submission Protocol](#) used.

**DIAGNOSIS SCHEME IN USE**

Change to Data Element: Changed Description

Format/length:	an2
HES item:	
National Codes:	
Default Codes:	

**Notes:**

~~This is used in the Commissioning Data Set - Clinical Information Group to denote the Coding Scheme basis of the Diagnosis. This is used in the Clinical Information Group of the Commissioning Data Set to denote the code scheme basis of the Diagnosis.~~

**Permitted values are:**

CODE	NHSCDS-EDIFACT CODE	DESCRIPTION
01	704	Accident & Emergency Diagnosis
02	872	ICD-10
03	901	Read Version 1 (READ 4)
04	921	Read Version 2 (READ 5)
05	941	Read Version 3.0

CODE	DESCRIPTION
01	Accident & Emergency Diagnosis
02	ICD-10
03	Read Version 1 (READ 4)
04	Read Version 2 (READ 5)
05	Read Version 3.0

~~Read Version 3.1 is not supported in the CDS-1~~ is not supported in the Commissioning Data Set.

**CDS-XML Message:**

~~The 2 numeric codes as shown above must only be used in the CDS-XML message.~~

**NHSCDS-EDIFACT Message:**

~~In the NHSCDS-EDIFACT Message the value used to identify the DIAGNOSIS SCHEME IN USE is carried in the EDIFACT data element 1131 as defined in the NHS CDS Manual, Chapter B. Where necessary, EDI gateway management and translation software must interpret these code sets when interfacing to the NHSCDS-EDIFACT Message.~~

The codes specified above must be used in CDS-XML messages.

**ETHNIC GROUP**

Change to Data Element: Changed linked Attribute, Description

Format/length:	an2
HES item:	
National Codes:	Click on the attribute tab to display the attribute that contains the National Codes.
Default Codes:	9 - Not given

**Notes:**

[ETHNIC GROUP](#) is the old classification of ethnicity replaced by [ETHNIC CATEGORY CODE](#).

New ethnic categories defined in the 2001 census have become the national mandatory standard for the collection of ethnicity. These new ethnic categories have replaced the existing categories of ethnic data as classified by [ETHNIC GROUP](#) but there will be a period where both may need to co-exist at the same time.

~~Note: [ETHNIC CATEGORY CODE](#) should be used when classifying people from 01/04/2001 and in the NHS-wide Clearing Service data flows.~~ Note: [ETHNIC CATEGORY CODE](#) should be used when classifying people from 01/04/2001 and in the Commissioning Data Sets.

[ETHNIC GROUP](#) classifies the ethnicity of a PERSON, as specified by the PERSON. The classification was used in the 1991 census, and will exist in parallel with [ETHNIC CATEGORY CODE](#) for some time.

*National Codes:*

- 0 White
- 1 Black - Caribbean
- 2 Black - African
- 3 Black - Other
- 4 Indian
- 5 Pakistani
- 6 Bangladeshi
- 7 Chinese
- 8 Any other ethnic group

When recording Ethnic Group in a 2-digit field, the national code should be entered as the left digit. In order to avoid coding errors, providers collecting ethnic group to the national standard with no further detail are advised to add 0 (zero) after the national code.

Code 8 does not carry the standard default meaning of Not applicable.

**HEALTHCARE RESOURCE GROUP CODE**

Change to Data Element: Changed Description

Format/length:	an3
HES item:	HRGNHS
National Codes:	
Default Codes:	

**Notes:**

The National Schedule of Reference Costs, developed by the [Department of Health](#), uses Healthcare Resource Groups as the basis for costing inpatient and daycase services.

Healthcare Resource Groups for Admitted Patient Care are derived from existing Commissioning Data Set data items.

Healthcare Resource Groups for Out-Patient Attendances are directly assigned and cannot be derived from the Out-Patient Attendance Commissioning Data Set data items.

[HEALTHCARE RESOURCE GROUP CODES](#) identify the HRGs.

~~DSCN 08/2000 includes [HEALTHCARE RESOURCE GROUP CODES](#) in the core Commissioning Data Set to standardise the handling of this data item within the Commissioning Data Set, the NHS Commissioning Data Set EDIFACT message and the NHS Wide Clearing Service database.~~ DSCN 08/2000 includes [HEALTHCARE RESOURCE GROUP CODES](#) in the Commissioning Data Set to standardise the handling of this data item within the Commissioning Data Set and thus stored by the [Secondary Uses Service](#). It is mandatory from 01/10/2001.



## HRG DOMINANT GROUPING VARIABLE-PROCEDURE

Change to Data Element: Changed Description

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

### Notes:

~~The National Schedule of Reference Costs, developed by the [Department of Health](#), uses Healthcare Resource Groups as the basis for costing inpatient and day case services. Healthcare Resource Groups are derived from existing Commissioning Data Set data items using an algorithm and a software package developed by the [Health and Social Care Information Centre Casemix Service](#). The National Schedule of Reference Costs, developed by the Department of Health, uses Healthcare Resource Groups as the basis for costing in-patient and day case services. Healthcare Resource Groups are derived from existing Commissioning Data Set data items using an algorithm and a software package developed by the [Health & Social Care Information Centre](#) .~~

~~[HRG DOMINANT GROUPING VARIABLE PROCEDURES](#) is a field derived by the Healthcare Resource Group Acute Inpatient Grouper. It represents the procedure that the Healthcare Resource Group grouping algorithm has identified as having the greatest effect upon the resources consumed by a [PATIENT](#). The [HRG DOMINANT GROUPING VARIABLE-PROCEDURES](#) is a field derived by the HRG Acute Inpatient Grouper. It represents the procedure that the HRG grouping algorithm has identified as having the greatest effect upon the resources consumed by a [PATIENT](#). It is required for the production of the National Schedule of Reference Costs reports.~~

~~The [HRG DOMINANT GROUPING VARIABLE-PROCEDURE](#) has the same data format, rules and attributes as OPCS-4 codes for [Patient Procedure](#), see also [PROCEDURE CODING](#). The [HRG DOMINANT GROUPING VARIABLE-PROCEDURES](#) have the same data format, rules and attributes as OPCS-4 codes for [Patient Procedure](#), see also [PROCEDURE CODING](#).~~

~~DSCN 08/2000 includes [HRG DOMINANT GROUPING VARIABLE-PROCEDURES](#) in the core Commissioning Data Set to standardise the handling of this data item within the Commissioning Data Set, the NHS Commissioning Data Set EDIFACT message and the NHS Wide Clearing Service database. DSCN 08/2000 includes [HRG DOMINANT GROUPING VARIABLE-PROCEDURES](#) in the Commissioning Data Set to standardise the handling of this data item within the Commissioning Data Set and the [Secondary Uses Service](#) database. It is mandatory from 01/10/2001.~~

[Patient Procedure](#) is a [CLINICAL INTERVENTION](#) where [CLINICAL INTERVENTION TYPE](#) is National Code 25 'Patient Procedure'.

## INVESTIGATION SCHEME IN USE

Change to Data Element: Changed Description

Format/length:	an2
HES item:	
National Codes:	
Default Codes:	
Default Codes:	

### Notes:

### Definition:

~~This is used in the Clinical Activity Group of the CDS to denote the scheme basis of an investigation. This is used in the Clinical Activity Group of the Commissioning Data Set to denote the scheme basis of an investigation.~~

### Permitted values are:

CODE	NHSCDS EDIFACT CODE	DESCRIPTION
01	705	Accident & Emergency Investigation
CODE	CLASSIFICATION	
01	Accident & Emergency Investigation	

### CDS-XML Message:

~~The CDS-XML codes as specified above must be used.~~

**NHSCDS EDIFACT Message:**

In the NHSCDS EDIFACT Message the value used to identify the [INVESTIGATION SCHEME IN USE](#) is carried in the EDIFACT data element 1131. Where necessary, EDI gateway management and translation software must interpret these code sets when interfacing to the NHSCDS EDIFACT Message.

The codes as specified above must be used for CDS-XML messages.

**LOCATION CLASS**

Change to Data Element: Changed Description

Format/length:	an2
HES item:	
National Codes:	
Default Codes:	

**Notes:**

~~A classification for use within CDS messages of the physical location within which the recorded patient event occurs.~~ A classification for use within Commissioning Data Set messages of the physical location within which the recorded patient event occurs.

CODE	NHSCDS EDIFACT CODE	DESCRIPTION
01	701	Health Site (General Occurrence)
02	702	Home
03	703	Delivery Place
04	704	Health site at the start of Health Care Activity
05	705	Health site at the end of Health Care Activity

CODE	DESCRIPTION
01	Health Site (General Occurrence)
02	Home
03	Delivery Place
04	Health site at the start of Health Care Activity
05	Health site at the end of Health Care Activity

**~~CDS-XML Message:~~**

~~The CDS-XML codes as specified above must be used.~~

**NHSCDS EDIFACT Interchanges:**

~~This data element was originally a NHSCDS EDIFACT Message Qualifier with permitted values as detailed in the NHS CDS Manual. Where necessary EDI gateway management and translation solution sets must interpret these code sets when interfacing to the NHSCDS EDIFACT Message.~~ **CDS-XML Message:**

**~~Use in the Future Outpatient CDS:~~**

~~If the intended location class of the attendance is not yet known, this data element should be omitted.~~

The codes as specified above must be used in CDS-XML messages.

**MHMDS CONTROL NUMBER**

Change to Data Element: Changed Description

Format/length:	n7
HES item:	
National Codes:	
Default Codes:	

**Notes:****Definition:**

~~This is a mandatory data element and is a number, sequentially incremented, each time a file is generated for the MHMDS IGS (0000000 is not acceptable).~~ This is a mandatory data element and is a number, sequentially incremented, each time a file is generated for the [Mental Health Minimum Data Set](#) submission.

**Usage:**

For each MHMDS file the ~~MHMDS CONTROL NUMBER~~ is assigned to provide a unique identity. Wrap around from 9999999 to 1 must be supported.

For each file submitted the MHMDS CONTROL NUMBER is assigned to provide a unique identity. Wrap around from 9999999 to 1 must be supported, 0000000 is not acceptable.

~~This data element is populated by the MHMDS Assembler program.~~ This data element is populated by the "MHMDS Assembler" program.

**MHMDS IGS TRANSLATION REFERENCE**

Change to Data Element: Changed Description

Format/length:	an7
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

~~This identifies the IGS (Interface Gateway Service) translation map required to process the submitted application format file input to a pre-determined translation process for the MHMDS data File.~~

**Usage:**

~~This is a mandatory data element when submitting MHMDS files.~~

~~The authorised definition of values for this data field is contained in the NWCS User Guide~~

Following the implementation of the Secondary Uses Service this data element is now unused.

**MHMDS RECORD COUNT**

Change to Data Element: Changed Description

Format/length:	n7
HES item:	
National Codes:	
Default Codes:	

**Notes:**

**Definition:**

~~This is a mandatory data element and is a count of records contained in the MHMDS file, including the IGS (Interface Gateway Service) Header and the IGS Trailer records.~~ This is a mandatory data element and is a count of records contained in the Mental Health Minimum Data Set file.

**Usage:**

~~This data element is populated by the MHMDS Assembler program.~~

~~Recipients of MHMDS data are advised to recount and match this control count to ensure all records submitted are received.~~

This data element is populated by the "MHMDS Assembler" program.

**MHMDS TEST INDICATOR**

Change to Data Element: Changed Description

Format/length:	an1
HES item:	
National Codes:	

Default Codes:

**Notes:**

**Definition:**

This indicates whether the MHMDS is a production or test file. This indicates whether the Mental Health Minimum Data Set is a production or test file.

CODE	CLASSIFICATION
0 (zero)	The whole MHMDS Interchange contains live (production) data and will be stored in the national database
+	The whole MHMDS Interchange contains test data and will <b>not</b> be stored in the national database.
0 (zero)	The whole Interchange contains live (production) data and will be stored in the Secondary Uses Service database
1	The whole Interchange contains test data and will <b>not</b> be stored in the Secondary Uses Service database.

**Usage:**

This test facility enables interchanges submitted to be marked and therefore processed as TEST or PRODUCTION data. The data is mandatory and must be completed.

This test facility enables interchanges submitted to be marked and therefore processed correctly.

The data is mandatory and must be completed.

**CDS-XML Interchanges:**

All XML interchanges submitted must contain a [MHMDS TEST INDICATOR](#).

**MHMDS-CDS INTERFACE GATEWAY SERVICE Interchanges:**

The [MHMDS TEST INDICATOR](#) is represented by the data value contained in the Test Indicator data field as defined in the CDS Interface Gateway Service Control record and shown above.

The authorised source of this definition is contained in the NWCS User Guide.

All XML interchanges submitted must contain a [MHMDS TEST INDICATOR](#).

---

**ORGANISATION CODE (PCT OF RESIDENCE)**

---

Change to Data Element: Changed Description

Format/length:	an3 - see <a href="#">ORGANISATION CODE</a>
HES item:	PCTR
National Codes:	
Default Codes:	See <a href="#">Default Codes Summary Table</a>

**Notes:**

The [ORGANISATION CODE \(PCT OF RESIDENCE\)](#) is the same as the attribute [ORGANISATION CODE](#) where the [ORGANISATION TYPE](#) is national code PT - [Primary Care Trust](#).

This is the [ORGANISATION CODE](#) of the [Primary Care Trust](#) derived from the [PATIENT](#)'s [POSTCODE OF USUAL ADDRESS](#).

For the purposes of sending Commissioning Data Set (CDS) messages to the Secondary Uses Service (regardless of how local systems hold the data) it is essential at present to continue using a 3 character field, using the first 3 characters of the [ORGANISATION CODE \(PCT OF RESIDENCE\)](#) and following the same update rules relating to Prime Recipient as are currently in place. This is necessary primarily to preserve the integrity of the current NHS CDS message and the Prime Recipient which is derived from the [ORGANISATION CODE \(PCT OF RESIDENCE\)](#). For the purposes of sending Commissioning Data Set messages to the Secondary Uses Service (regardless of how local systems hold the data) it is essential at present to continue using a 3 character field, using the first 3 characters of the [ORGANISATION CODE \(PCT OF RESIDENCE\)](#) and following the same update rules relating to Prime Recipient as are currently in place. This is necessary primarily to preserve the integrity of the current CDS message and the [CDS PRIME RECIPIENT IDENTITY](#) which is derived from the [ORGANISATION CODE \(PCT OF RESIDENCE\)](#).

The [Organisation Data Service](#) provides postcode files which link postcodes to the [Primary Care Trust](#). See [NHS Postcode Directory](#).

For the [Organisation Data Service](#) contact details, see [Contact Details](#).

---

## ORGANISATION CODE TYPE

---

Change to Data Element: Changed Description

Format/length:	an1
HES item:	
National Codes:	
Default Codes:	

**Notes:**  
A code to identify the format and basis of the release of an NHS [ORGANISATION CODE](#) being used.

~~Each use of an NHS [ORGANISATION CODE](#) within a CDS message must be associated with the release version of the NHS Organisation Code scheme. Each use of an NHS [ORGANISATION CODE](#) within a Commissioning Data Set message must be associated with the release version of the NHS Organisation Code scheme. At present this may be derived locally by NHS IT systems. The following values have been informally used in many NWCS/CDS implementations and are recommended to be used.~~

The following values have been informally used in many Commissioning Data Set implementations and are recommended to be used:

- A or O\* Signifying "OLD" (pre-April 1996) to denote an Organisation Code issued before, and in use up to the 1996 major re-issue
- B or N\* Signifying "NEW" (post-April 1996) to denote an Organisation Code issued from April 1996

~~\* The values of A and B **must** be used in the formatting of the Unique CDS Identifier (see the NHS CDS Manual Version 1.3 Section A.2.4.3). However, the values of O and N are permissible as local derivatives.\* The values of **A and B** must be used in the formatting of the [CDS UNIQUE IDENTIFIER](#).~~

~~**NOTE:**  
**NOTE:**~~

~~The use of this data element has been withdrawn from use in the CDS-XML Message formats from CDS-XML Version 5-0 (NHS005) onwards.~~

~~This data element is not used in CDS Version 6:~~

~~from CDS-XML Version 5-0 (NHS005) onwards but it may still be used in the formatting of the [CDS UNIQUE IDENTIFIER](#).~~

---

## PATIENT NAME

---

Change to Data Element: Changed Description

Format/length:	an70
HES item:	
National Codes:	
Default Codes:	

**Notes:**  
This is the [PERSON NAME](#) where the [PERSON NAME CLASSIFICATION](#) equals classification 'a. Preferred Name' of the [PATIENT](#). [NAME FORMAT CODE](#) indicates whether it is a [PERSON NAME STRUCTURED](#) or [PERSON NAME UNSTRUCTURED](#).

[NAME FORMAT CODE](#) indicates whether it is a [PERSON NAME STRUCTURED](#) or [PERSON NAME UNSTRUCTURED](#).

~~The patient's name and address should be withheld from any commissioning record which contains a valid [NHS NUMBER](#). The patient's name and address should be withheld from any commissioning data that contains a valid [NHS NUMBER](#). See [Security Issues and Patient Confidentiality](#) for more details.~~

The appropriate e-GIF standard for [PERSON NAME](#) should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [PATIENT NAME](#) should be used.~~

---

## PERSON BIRTH DATE

Change to Data Element: Changed Description

Format/length: see [DATE](#)  
HES item:  
National Codes:  
Default Codes:

References:

UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 01.01.02. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>

Notes:

This is the e-GIF standard that should be used for all new and developing systems and for XML messages. ~~For existing GDS EDIFACT messages however, [BIRTH DATE](#) should be used.~~

## UK Government Data Standards Catalogue

<b>Data Element</b>	<b>Person Birth Date</b>
<i>Is Part Of</i>	<b>Person Information</b>
<i>Has Parts</i>	
<i>Version</i>	<b>2.0</b>
<i>Status</i>	<b>Release</b>
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	<b>1 January 2002</b>

**Meta Data Value**

*Name* **Person Birth Date**  
*Description* The date on which a person was born or is officially deemed to have been born.  
*Business Format* See Type standard for date.  
*Element Type* Data Item  
~~*Validations* 1. See Type standard for date.  
2. Date must not be in the future.  
3. Date must not be later than Person Death Date where held.~~

**Validations**  
1. See Type standard for date.  
2. Date must not be in the future.  
3. Date must not be later than Person Death Date where held.

*Value* See Type standard for date.

*Default Value*

*Owner* OeE

*Based On* See date.

~~*Verification* **Level 0:** Not Verified~~

~~**Level 1:** One or more of the following Secondary certificates:~~

- ~~● Certificate of Baptism.~~
- ~~● Marriage Certificate~~
- ~~● National Health Service Medical Card~~
- ~~● Child's Certificate of Vaccination~~
- ~~● Child's Health Record Card~~
- ~~● A certificate of Service in HM Forces or other employment under the Crown or in the Mercantile Marine.~~
- ~~● A certificate of membership of a Trade Union Friendly Society or any cards or papers relating to membership of an Approved Society or Unemployment Insurance Apprenticeship indentures.~~
- ~~● Early certificate or testimonial from employer.~~
- ~~● Aliens registration card, certificate of naturalisation, Home Office travel document or a passport.~~
- ~~● Life insurance policy.~~
- ~~● Certificate of confirmation.~~
- ~~● School certificate or report.~~
- ~~● A birthday book or old family record.~~
- ~~● Family Bible containing a record of birth.~~

~~Level 2: One of the following:~~

- ~~• Full certificate.~~
- ~~• Birth certificate short form.~~
- ~~• Certificate of registry showing given names and family name.~~
- ~~• GRO copy.~~
- ~~• Adoption Order issued by the High Court, County Court or Juvenile Court.~~
- ~~• Certificate of adoption issued by the GRO.~~
- ~~• Foreign birth certificate issued by registration authority of the foreign country.~~

*Comments*

~~1. See Type standard for date.  
2. DWP has a specific requirement to ensure that this data item is verified and has procedures to do so to 2 levels. The following also applies to DWP only:~~

- ~~• If Birth Verification Type is level 1 or 2, then the Person Birth Date cannot be amended.~~
- ~~• Where the Birth Verification Type is level 1 or 2, the validation relating to restrictions on amending the Person Birth Date does not apply to high-level users.~~

~~3. A notional birth date will be recorded where an informant has reported an approximate age for a person whose actual date of birth is unknown.~~

~~4. In DWP if Person Birth Date is held, Birth Date type must be held.~~

*Verification*

**Level 0:** Not Verified

**Level 1:** One or more of the following Secondary certificates:

- Certificate of Baptism.
- Marriage Certificate
- National Health Service Medical Card
- Child's Certificate of Vaccination
- Child's Health Record Card
- A certificate of Service in HM Forces or other employment under the Crown or in the Mercantile Marine.
- A certificate of membership of a Trade Union, Friendly Society or any cards or papers relating to membership of an Approved Society or Unemployment Insurance Apprenticeship indentures.
- Early certificate or testimonial from employer.
- Aliens registration card, certificate of naturalisation, Home Office travel document or a passport.
- Life insurance policy.
- Certificate of confirmation.
- School certificate or report.
- A birthday book or old family record.
- Family Bible containing a record of birth.

**Level 2:** One of the following:

- Full certificate.
- Birth certificate short form.
- Certificate of registry showing given names and family name.
- GRO copy.
- Adoption Order issued by the High Court, County Court or Juvenile Court.
- Certificate of adoption issued by the GRO.
- Foreign birth certificate issued by registration authority of the foreign country.

*Comments*

1. See Type standard for date.  
2. DWP has a specific requirement to ensure that this data item is verified and has procedures to do so to 2 levels. The following also applies to DWP only:

- If Birth Verification Type is level 1 or 2, then the Person Birth Date cannot be amended.
- Where the Birth Verification Type is level 1 or 2, the validation relating to restrictions on amending the Person Birth Date does not apply to high level users.

3. A notional birth date will be recorded where an informant has reported an approximate age for a person whose actual date of birth is unknown.

4. In DWP if Person Birth Date is held, Birth Date type must be held.

---

## PERSON FAMILY NAME

---

Change to Data Element: Changed Description

Format/length:	max 35 characters
HES item:	
National Codes:	
Default Codes:	

**Notes:**  
That part of a [PERSON](#)'s name which is used to describe family, clan, tribal group, or marital association.

References:  
UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 01.01.02. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>

[PERSON FAMILY NAME](#) is the same as [PERSON NAME WORD TEXT](#) where the [PERSON NAME WORD TYPE](#) equals 'b. Person Family Name'.

This is the e-GIF standard that should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [PATIENT NAME](#) should be used.~~

## UK Government Data Standards Catalogue

<b>Data Element</b>	<b>Person Family Name</b>
<i>Is Part Of</i>	Person Name
<i>Has Parts</i>	
<i>Version</i>	2.0
<i>Status</i>	Release
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	1 January 2002

Meta Data	Value
<i>Name</i>	<b>Person Family Name</b>
<i>Description</i>	That part of a person's name which is used to describe family, clan, tribal group, or marital association.
<i>Business Format</i>	Max. 35 characters.
<i>Element Type</i>	Data Item
<i>Validations</i>	Consecutive spaces are not allowed.
<i>Value</i>	
<i>Default Value</i>	
<i>Owner</i>	OeE
<i>Based On</i>	BSEN 7372: 1993
<i>Verification</i>	
<i>Comment</i>	

---

### PERSON GENDER AT REGISTRATION

---

Change to Data Element: Changed Description

Format/length:	1 numeric
HES item:	
National Codes:	See <a href="#">PERSON GENDER CODE</a> for the National Codes, which may all be used except ' 0 Not Known
Default Codes:	.

**Notes:**  
A [PERSON](#)'s gender at registration.

References:  
UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 11.09.03. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>



[PERSON GENDER AT REGISTRATION](#) is the same as [PERSON GENDER CODE](#) where the [PERSON GENDER TYPE](#) equals '01 - Person Gender at Registration'.

The e-GIF standard [PERSON GENDER AT REGISTRATION](#) should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [SEX \(BABY\)](#) should be used.~~

## UK Government Data Standards Catalogue

<b>Data Element</b>	<b>Person Gender at Registration</b>
<i>Is Part Of</i>	<b>Person Sex</b>
<i>Has Parts</i>	
<i>Version</i>	<b>2.0</b>
<i>Status</i>	<b>Release</b>
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	<b>11 September 2003</b>

<b>Meta Data</b>	<b>Value</b>
<i>Name</i>	<b>Person Gender at Registration</b>
<i>Description</i>	A person's gender at registration.
<i>Business Format</i>	1 numeric
<i>Element Type</i>	Data Item
<i>Validation</i>	Must be 1,2 or 9
<i>Values</i>	1 = Male 2 = Female 9 = Not Specified
<i>Default Value</i>	
<i>Owner</i>	OeE
<i>Based On</i>	ISO 5218 1977 (E)
<i>Verification</i>	
<i>Comments</i>	1. Note '9' 'Not Specified' means indeterminate, i.e. unable to be classified as either male or female. 2. Change from 1.0e: return to ISO codes, with the addition of indeterminate.

### PERSON GENDER CURRENT

Change to Data Element: Changed Description

Format/length:	1 numeric
HES item:	
National Codes:	See <a href="#">PERSON GENDER CODE</a> for the National Codes
Default Codes:	

**Notes:**  
A [PERSON](#)'s gender currently.

References:  
UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 11.09.03. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>

[PERSON GENDER CURRENT](#) is the same as [PERSON GENDER CODE](#) where the [PERSON GENDER TYPE](#) equals '02 - Person Gender Current'.

The e-GIF standard [PERSON GENDER CURRENT](#) should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [SEX](#) should be used.~~

## UK Government Data Standards Catalogue

<b>Data Element</b>	<b>Person Gender Current</b>
<i>Is Part Of</i>	<b>Person Sex</b>
<i>Has Parts</i>	
<i>Version</i>	<b>2.0</b>
<i>Status</i>	<b>Release</b>
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	<b>11 September 2003</b>

Meta Data	Value
<i>Name</i>	<b>Person Gender Current</b>
<i>Description</i>	A person's gender currently.
<i>Business Format</i>	1 numeric
<i>Element Type</i>	Data Item
<i>Validation</i>	Must be 0,1,2,9
<i>Values</i>	0 = Not Known 1 = Male 2 = Female 9 = Not specified
<i>Default Value</i>	
<i>Owner</i>	OeE
<i>Based On</i>	ISO 5218 1977 (E)
<i>Verification</i>	
<i>Comments</i>	1. Change from 1.0e: return to ISO codes. 2. '9' 'Not Specified' means indeterminate, i.e. unable to be classified as either male or female. 3. '0' 'Not Known' means that the gender of the person has not been recorded.

## PERSON GIVEN NAME

Change to Data Element: Changed Description

Format/length:	max 35 characters
HES item:	
National Codes:	
Default Codes:	

### Notes:

The forename or given name of a [PERSON](#).

### References:

UK Government Data Standards Catalogue (GDSC), Version 1.0, Agreed 01.01.02. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>

[PERSON GIVEN NAME](#) is the same as [PERSON NAME WORD TEXT](#) where the [PERSON NAME WORD TYPE](#) equals 'c. Person Given Name'.

This is the e-GIF standard that should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [PATIENT NAME](#) should be used.~~

## UK Government Data Standards Catalogue

<b>Data Element</b>	<b>Person Given Name</b>
<i>Is Part Of</i>	<b>Person Name</b>
<i>Has Parts</i>	
<i>Version</i>	<b>1.0</b>
<i>Status</i>	<b>Release</b>

Previous Versions	
Later Versions	
Date Agreed	1 January 2002

Meta Data	Value
Name	<b>Person Given Name</b>
Description	The forename or given name of a person.
Business Format	Max. 35 characters. Repeating group.
Element Type	Data Type
Validations	1. Any allowable character from UNICODE set of characters. 2. Consecutive spaces are not allowed.
Value	
Default Value	
Owner	OeE
Based On	BSEN 7372:1993
Verification	
Comment	A person can have multiple occurrences of a given name.

## PERSON INITIALS

Change to Data Element: Changed Description

Format/length:	35 characters (max)
HES item:	
National Codes:	
Default Codes:	

**Notes:**  
Used to record a [PERSON](#)'s initials.

References:  
UK Government Data Standards Catalogue (GDSC), Version 1.0a, Draft 01.03.02. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>

[PERSON INITIALS](#) is the same as [PERSON NAME WORD TEXT](#) where the [PERSON NAME WORD TYPE](#) equals 'e. Person Initials'.

This is the e-GIF standard that should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [PATIENT NAME](#) should be used.~~

## UK Government Data Standards Catalogue

Data Element	Person Initials
Is Part Of	Person Name
Has Parts	
Version	1.0a
Status	Draft
Previous Versions	
Later Versions	
Date Agreed	1 March 2002

Meta Data	Value
Name	<b>Person Initials</b>
Description	Used to record a person's initials.
Business Format	Max 35 characters with a space between each initial.
Element Type	Data Type

Validation  
 Value  
 Default Value  
 Owner  
 Based On  
 Verification

OeE

**Comment** ~~**Proposed March 2002:**  
 This can be used to record a person's full set of initials or used in conjunction with and in addition to a Person Given Name.  
 General practice of central departments is to record the first Given Name in full and then use initials for other Given names.~~

**Comment** **Proposed March 2002.**  
 This can be used to record a person's full set of initials or used in conjunction with and in addition to a Person Given Name.  
 General practice of central departments is to record the first Given Name in full and then use initials for other Given names.

## PERSON REQUESTED NAME

Change to Data Element: Changed Description

Format/length:	max 70 characters
HES item:	
National Codes:	
Default Codes:	

### Notes:

The name a [PERSON](#) wishes to use which is different from the values in Title, Given Name(s), Family Name and Name Suffix fields.

### References:

UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 01.01.02. GDSC:

<http://www.govtalk.gov.uk/gdsc/html/default.htm>

PERSON REQUESTED NAME is the same as [PERSON NAME TEXT](#).

This is the e-GIF standard that should be used for all new and developing systems and for XML messages. ~~For existing CDS EDIFACT messages however, [PATIENT NAME](#) should be used.~~

## UK Government Data Standards Catalogue

Data Element	Person Requested Name
<i>Is Part Of</i>	Person Name
<i>Has Parts</i>	
<i>Version</i>	2.0
<i>Status</i>	Release
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	1 January 2002

### Meta Data Value

<i>Name</i>	<b>Person Requested Name</b>
<i>Description</i>	The name a person wishes to use which is different from the values in Title, Given Name(s), Family Name and Name Suffix fields.
<i>Business Format</i>	Max. 70 characters.
<i>Element Type</i>	Data Type
<i>Validations</i>	1. Each element of the name must be separated by a space. 2. Consecutive spaces are not allowed.

Value  
 Default Value  
 Owner OeE  
 Based On  
 Verification

~~Comment~~ The Requested Name field should be used where a person requests a particular style of address, for example, The Warden of St. Annes Rest Home or where a name which is longer than that allowed for within a particular package shall be abbreviated in a way other than that arising by default.

Comment The Requested Name field should be used where a person requests a particular style of address, for example, The Warden of St. Anne's Rest Home or where a name which is longer than that allowed for within a particular package shall be abbreviated in a way other than that arising by default.

## PERSON TITLE

Change to Data Element: Changed Description

Format/length:	max 35 characters
HES item:	
National Codes:	
Default Codes:	

### Notes:

Standard form of address used to precede a [PERSON](#)'s name.

### References:

UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 01.01.02. GDSC:

<http://www.govtalk.gov.uk/gdsc/html/default.htm>

[PERSON TITLE](#) is the same as [PERSON NAME WORD TEXT](#) where the [PERSON NAME WORD TYPE](#) equals 'a. Person Title'.

This is the e-GIF standard that should be used for all new and developing systems and for XML messages. ~~For existing GDS EDIFACT messages however, [PATIENT NAME](#) should be used.~~

## UK Government Data Standards Catalogue

Data Element	Person Title
<i>Is Part Of</i>	Person Name
<i>Has Parts</i>	
<i>Version</i>	2.0
<i>Status</i>	Release
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	1 January 2002

Meta Data	Value
<i>Name</i>	<b>Person Title</b>
<i>Description</i>	Standard form of address used to precede a person's name.
<i>Business Format</i>	Max. 35 characters.
<i>Element Type</i>	Data Type
<i>Validation</i>	
<i>Values</i>	The full available range of generally recognised titles is permitted. However if any of the following are used then the value input must conform to the following format: Mr Mrs Ms Dr

Rev  
Sir  
Lady  
Lord  
Dame

*Default Value*

*Owner* OeE

*Based On* BSEN 28601

*Verification*

*Comment* A person can have multiple occurrences of a Title.

---

## PROCEDURE SCHEME IN USE

---

Change to Data Element: Changed Description

Format/length:	an2
HES item:	
National Codes:	
Default Codes:	

### Notes:

This is used in the Clinical Activity Group of the CDS to denote the scheme basis of an Intervention, Operation or A&E Treatment. This is used in the Clinical Activity Group of the Commissioning Data Set to denote the scheme basis of an Intervention, Operation or A&E Treatment.

CODE	NHSCDS EDIFACT CODE	DESCRIPTION
01	700	Accident & Emergency Treatment
02	022	OPCS-4
03	901	Read Version 1 (READ 4)
04	921	Read Version 2 (READ 5)
05	941	Read Version 3.0

CODE	DESCRIPTION
01	Accident & Emergency Treatment
02	OPCS-4
03	Read Version 1 (READ 4)
04	Read Version 2 (READ 5)
05	Read Version 3.0

Read Version 3.1 is not supported in the CDS. 1 is not supported in the Commissioning Data Set.

### CDS-XML Message:

The CDS-XML codes as specified above must be used.

### NHSCDS EDIFACT Message

In the NHSCDS EDIFACT Message the value used to identify the **PROCEDURE SCHEME IN USE** is carried in the EDIFACT data element 1131 as defined in the NHS CDS Manual, Chapter B. Where necessary, EDI gateway management and translation software must interpret these code sets when interfacing to the NHSCDS EDIFACT Message.

The codes as specified above must be used in CDS-XML messages.

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## PROVIDER REFERENCE NUMBER

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Change to Data Element: Changed Description

Format/length:	an17
HES item:	
National Codes:	
Default Codes:	

**Notes:**

~~A convention agreed locally between a provider and Commissioner for use within a CDS message.~~ A convention agreed locally between a provider and Commissioner for use within a Commissioning Data Set message.

**SEX**

Change to Data Element: Changed Description

Format/length:	n1
HES item:	SEX
National Codes:	See <a href="#">PERSON GENDER CODE</a> for the National Codes
Default Codes:	

**Notes:**

SEX is the same as the attribute [PERSON GENDER CODE](#).

The e-GIF standard [PERSON GENDER CURRENT](#) should be used for all new and developing systems and for XML messages. ~~For existing CDS-EDIFACT messages however, [SEX](#) should be used.~~

**TIME**

Change to Data Element: Changed Description

Format/length:	8 characters HH:MM:SS (see notes below)
HES item:	
National Codes:	
Default Codes:	

**Notes:**

The [TIME](#) (using a 24 hour clock) at which an event, or the action in an event, takes place.

References:

UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 01.01.02. GDSC:  
<http://www.govtalk.gov.uk/gdsc/html/default.htm>

This is the e-GIF standard that should be used for all new and developing systems and for XML messages.

~~For existing CDS-EDIFACT messages however, the standard format n4 should continue to be used for all [TIMES](#).~~

~~Other messages currently being exchanged eg datasets, using [TIME](#) standards developed prior to e-GIF, should be migrated as soon as practicably possible. However, this migration should be instructed via changes to dataset implementation guidance. Individual users must remain compliant with the standard format n4 currently used, except for [THEATRE CASE START TIME](#) which has a format hh:mm, until dataset implementation guidance instructs otherwise.~~

Concatenated date time elements are in use and are derived from the e-GIF standards for [DATE](#) and [TIME](#), these should continue to be used unless further notified.

## UK Government Data Standards Catalogue

<b>Data Element</b>	<b>Time</b>
<i>Is Part Of</i>	Temporal
<i>Has Parts</i>	
<i>Version</i>	2.0
<i>Status</i>	Release
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	1 January 2002

<b>Meta Data</b>	<b>Value</b>
<i>Name</i>	<b>Time</b>
<i>Description</i>	The time (using a 24 hour clock) at which an event, or the action in an event, takes place.
<i>Business Format</i>	8 characters expressed as HH:MM:SS (H=hours, M=minutes, S=seconds)
<i>Element Type</i>	Data Type
<i>Validations</i>	1. All times must be expressed in the 24 hour clock format, e.g. one minute past midnight is 00:01:00. 2. Values of any element less than 10 should be entered with a zero in the first position.
<i>Value</i>	
<i>Default Value</i>	
<i>Owner</i>	OeE
<i>Based On</i>	XML Schema Part 2: Datatypes W3C Recommendation 02 May 2001.
<i>Verification</i>	
<i>Comments</i>	1. See the W3C standard for details of formatting shortened versions of Time, e.g. hours and minutes only. 2. All times for UK transactions/events will be assumed to be GMT.

## UK TELEPHONE NUMBER

Change to Data Element: Changed Description

Format/length:	max 35 characters
HES item:	
National Codes:	
Default Codes:	

### Notes:

A number, including any exchange or location code, at which a [PERSON](#) or [ORGANISATION](#) can be contacted in the UK by telephonic means.

### References:

UK Government Data Standards Catalogue (GDSC), Version 2.0, Agreed 01.01.02. GDSC:

<http://www.govtalk.gov.uk/gdsc/html/default.htm>

[UK TELEPHONE NUMBER](#) is the same as [COMMUNICATION CONTACT STRING](#) where the [COMMUNICATION CONTACT METHOD](#) equals 'a. UK Telephone Number' .

## UK Government Data Standards Catalogue

<b>Data Element</b>	<b>UK Telephone Number</b>
<i>Is Part Of</i>	<b>Contact Information</b>
<i>Has Parts</i>	
<i>Version</i>	<b>2.0</b>
<i>Status</i>	<b>Release</b>
<i>Previous Versions</i>	
<i>Later Versions</i>	
<i>Date Agreed</i>	<b>1 January 2002</b>

<b>Meta Data</b>	<b>Value</b>
<i>Name</i>	<b>UK Telephone Number</b>
<i>Description</i>	A number, including any exchange or location code, at which a person or organisation can be contacted in the UK by telephonic means.
<i>Business Format</i>	Max 35 characters
<i>Element Type</i>	Data Type
<i>Validation</i>	There must not be spaces between the characters.

*Value*  
*Default Value*  
*Owner* OeE



*Based On* EDIFACT

*Based On*

*Verification*

*Comment* ~~The complete telephone number should always be transferred for international operation and clarity as to which country (in this case UK) the number belongs e.g. +447710287657 .  
Note no leading zero after country code.  
STRUCTURE OF THE SCHEME~~

*Comment* The complete telephone number should always be transferred for international operation and clarity as to which country ( in this case UK) the number belongs e.g. +447710287657 .  
Note no leading zero after country code.  
STRUCTURE OF THE SCHEME

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## CDS SUPPORTING INFORMATION

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Change to Package: New Package

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For further information on this Data Set Change Notice e-mail [datastandards@nhs.net](mailto:datastandards@nhs.net)