

<b>Type:</b>	Data Dictionary Change Notice
<b>Reference:</b>	1808
<b>Version No:</b>	1.0
<b>Subject:</b>	Correction of Format/Length Data Elements
<b>Effective Date:</b>	Immediate
<b>Reason for Change:</b>	Data Element format/length corrections to align with XML Schema and Technical Output Specifications
<b>Publication Date:</b>	15 February 2021

## Background:

The NHS Data Model and Dictionary aims to reuse defined data items where possible, to reduce burden and enable easier data linkage.

However, several data items within the NHS Data Model and Dictionary which are shared by many data sets, were defined before the most recent editorial principles for the specification of Format/Length of Data Elements were adopted. For example, Data Element EPISODE NUMBER was historically defined as 'n2', when in fact the data sets carrying this data item allow a maximum of two numeric characters.

Pages describing this mismatch have been included within the NHS Data Model and Dictionary as 'XML Schema Constraints' or 'Data Set Constraints' relating to each data set. However the maintenance of these pages has become more onerous as the scope of the NHS Data Model and Dictionary has extended.

The NHS Data Model and Dictionary Service have undertaken a review of all the affected items and data sets, and it has been decided that it is now possible to update the Format/Length on these data items with no practical impact on users of these data sets, as Technical Output Specifications are unaffected, having already been updated with the correct format/length during data set development.

For information, the data sets affected by this piece of work are:

- Community Services Data Set
- Commissioning Data Set
- Devices Patient Level Contract Monitoring Data Set
- Drugs Patient Level Contract Monitoring Data Set
- Maternity Services Data Set
- Mental Health Services Data Set
- Patient Level Contract Monitoring Data Set.

It has also been decided to introduce replacement data items where the original items are named incorrectly and do not reflect the specifics of collection. These Data Elements are:

- HOSPITAL PROVIDER SPELL IDENTIFIER (to replace HOSPITAL PROVIDER SPELL NUMBER)
- OUT-PATIENT ATTENDANCE IDENTIFIER (to replace ATTENDANCE IDENTIFIER).

These new Data Elements will be used going forward, to replace instances of the originals in affected data sets. There is no difference between the old and new data item definitions.

## Summary of changes:

### Supporting Information

<a href="#">CLINICAL DATA SETS MESSAGE DOCUMENTATION</a>	Changed Description
<a href="#">CLINICAL DATA SETS MESSAGE DOCUMENTATION MENU</a>	Changed Description
<a href="#">MATERNITY SERVICES DATA SET OVERVIEW</a>	Changed Description

### Class Definitions

<a href="#">CLINICAL INVESTIGATION RESULT ITEM</a>	Changed Attributes
--	--------------------

### Attribute Definitions

<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	Changed Description
<a href="#">ORGAN SUPPORT MAXIMUM</a>	New Attribute

### Data Elements

<a href="#">ADVANCED CARDIOVASCULAR SUPPORT DAYS</a>	Changed Description
<a href="#">ADVANCED RESPIRATORY SUPPORT DAYS</a>	Changed Description
<a href="#">AGE AT CDS ACTIVITY DATE</a>	Changed Description
<a href="#">AGE ON ADMISSION</a>	Changed Description
<a href="#">ATTENDANCE IDENTIFIER</a>	Changed Description
<a href="#">BASIC CARDIOVASCULAR SUPPORT DAYS</a>	Changed Description
<a href="#">BASIC RESPIRATORY SUPPORT DAYS</a>	Changed Description
<a href="#">BIRTH WEIGHT</a>	Changed Description
<a href="#">CDS INTERCHANGE APPLICATION REFERENCE</a>	Changed Description

<a href="#">CDS INTERCHANGE CONTROL COUNT</a>	Changed Description
<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	Changed Description
<a href="#">CDS INTERCHANGE RECEIVER IDENTITY</a>	Changed Description
<a href="#">CDS INTERCHANGE SENDER IDENTITY</a>	Changed Description
<a href="#">CDS MESSAGE REFERENCE</a>	Changed Description
<a href="#">CDS RECORD IDENTIFIER</a>	Changed Description
<a href="#">CDS UNIQUE IDENTIFIER</a>	Changed Description
<a href="#">COMMISSIONER REFERENCE NUMBER</a>	Changed Description
<a href="#">COMMISSIONING SERIAL NUMBER</a>	Changed Description
<a href="#">CRITICAL CARE LEVEL 2 DAYS</a>	Changed Description
<a href="#">CRITICAL CARE LEVEL 3 DAYS</a>	Changed Description
<a href="#">CRITICAL CARE LOCAL IDENTIFIER</a>	Changed Description
<a href="#">DERMATOLOGICAL SUPPORT DAYS</a>	Changed Description
<a href="#">DURATION OF ELECTIVE WAIT</a>	Changed Description
<a href="#">EPISODE NUMBER</a>	Changed Description
<a href="#">GASTRO-INTESTINAL SUPPORT DAYS</a>	Changed Description
<a href="#">GESTATION LENGTH (ASSESSMENT)</a>	Changed Description
<a href="#">GESTATION LENGTH (AT DELIVERY)</a>	Changed Description
<a href="#">GESTATION LENGTH (LABOUR ONSET)</a>	Changed Description
<a href="#">HOSPITAL PROVIDER SPELL IDENTIFIER</a>	New Data Element
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	Changed Description
<a href="#">LIVER SUPPORT DAYS</a>	Changed Description
<a href="#">NEUROLOGICAL SUPPORT DAYS</a>	Changed Description
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	Changed Description
<a href="#">ORGAN SUPPORT MAXIMUM</a>	Changed Description, linked Attribute
<a href="#">OUTPATIENT ATTENDANCE IDENTIFIER</a>	New Data Element
<a href="#">PROVIDER REFERENCE NUMBER</a>	Changed Description
<a href="#">RENAL SUPPORT DAYS</a>	Changed Description

**XML Schema Constraint**

<a href="#">COMMISSIONING DATA SET VERSION 6-2-1 XML SCHEMA CONSTRAINTS</a>	Changed Description
<a href="#">COMMISSIONING DATA SET VERSION 6-2-2 XML SCHEMA CONSTRAINTS</a>	Changed Description
<a href="#">COMMISSIONING DATA SET VERSION 6-2-3 XML SCHEMA CONSTRAINTS</a>	Changed Description
<a href="#">COMMISSIONING DATA SET VERSION 6-2 XML SCHEMA CONSTRAINTS</a>	Changed Description
<a href="#">COMMUNITY SERVICES DATA SET CONSTRAINTS</a>	Changed Description
<a href="#">DEVICES PATIENT LEVEL CONTRACT MONITORING DATA SET CONSTRAINTS</a>	Changed Description
<a href="#">DRUGS PATIENT LEVEL CONTRACT MONITORING DATA SET CONSTRAINTS</a>	Changed Description
<a href="#">HIV AND AIDS REPORTING DATA SET XML SCHEMA CONSTRAINTS</a>	Changed Description
<a href="#">MATERNITY SERVICES DATA SET CONSTRAINTS (RETIRED)</a> renamed from <a href="#">MATERNITY SERVICES DATA SET CONSTRAINTS</a>	Changed status to Retired, Name, Description
<a href="#">MENTAL HEALTH SERVICES DATA SET CONSTRAINTS</a>	Changed Description
<a href="#">NATIONAL NEONATAL DATA SET CONSTRAINTS</a>	New XML Schema Constraint
<a href="#">PATIENT LEVEL CONTRACT MONITORING DATA SET CONSTRAINTS</a>	Changed Description
<a href="#">PLICS ACUTE ADMITTED PATIENT CARE DATA SET CONSTRAINTS</a>	Changed Description
<a href="#">PLICS MENTAL HEALTH ADMITTED PATIENT CARE DATA SET CONSTRAINTS</a>	Changed Description

**Date:** 15 February 2021

**Sponsor:** Nicholas Oughtibridge, Head of Clinical Data Architecture, NHS Digital

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

---

**CLINICAL DATA SETS MESSAGE DOCUMENTATION**

---

Change to Supporting Information: Changed Description

**XML Schema Download:**

- [XML Schema TRUD Download](#)

**XML Schema Constraints:**

- [Cancer Outcomes and Services Data Set XML Schema Constraints](#)
- [Diagnostic Imaging Data Set XML Schema Constraints](#)
- [HIV and AIDS Reporting Data Set XML Schema Constraints](#)

**Data Set Constraints:**

- [Community Services Data Set Constraints](#)
- [Improving Access to Psychological Therapies Data Set Constraints](#)

- [Maternity Services Data Set Constraints](#)
- [Mental Health Services Data Set Constraints](#)
- [National Neonatal Data Set Constraints](#)
- [Systemic Anti-Cancer Therapy Data Set Constraints](#)

---

#### CLINICAL DATA SETS MESSAGE DOCUMENTATION MENU

---

Change to Supporting Information: Changed Description

[Clinical Data Sets Menu](#)

##### XML Schema Download:

- [XML Schema TRUD Download](#)

##### XML Schema Constraints:

- [Cancer Outcomes and Services](#)
- [Diagnostic Imaging](#)
- [HIV and AIDS](#)

##### Data Set Constraints:

- [Community Services](#)
- [Improving Access to Psychological Therapies](#)
- [Maternity Services](#)
- [Mental Health Services](#)
- [National Neonatal Data Set](#)
- [Systemic Anti-Cancer Therapy](#)

---

#### MATERNITY SERVICES DATA SET OVERVIEW

---

Change to Supporting Information: Changed Description

##### Introduction

The [Maternity Services Data Set \(MSDS\)](#) is a [PATIENT](#)-level data set that captures key information at each stage of the maternity care pathway including mother's demographics, [Antenatal Booking Appointments](#), admissions and re-admissions, [Screening Tests](#), [Labour and Delivery](#) along with baby's demographics, admissions, diagnoses and [Screening Tests](#).

As a secondary uses data set the [Maternity Services Data Set](#) re-uses clinical and operational data for purposes other than direct [PATIENT](#) care. It defines the data items, definitions and associated value sets extracted or derived from local information systems.

The [Maternity Services Data Set](#) is designed to meet requirements that resulted from the [National Maternity Review](#), which led to the publication of the [Better Births](#) report in February 2016. [Better Births](#) highlighted the need for [Maternity Services](#) in England to become safer, more personalised and provide better access to information for pregnant women. The publication of [Better Births](#) resulted in the establishment of the [Maternity Transformation Programme](#), and the data set forms part of the 'Sharing Data and Information' workstream of the programme.

##### Data Collection

The [Maternity Services Data Set](#) collects information on each stage of care for women as they go through pregnancy.

The [Maternity Services Data Set Information Standards Notice \(ISN\)](#) mandates the central flow of administrative and clinical information for secondary uses purposes. The scope of the data set includes all [ACTIVITY](#) carried out by NHS-funded [Maternity Services](#) relating to the mother and baby or babies, from the point of the first [Antenatal Booking Appointment](#) until the mother and baby are discharged from [Maternity Services](#).

The [Maternity Services Data Set](#) provides the definitions for data:

- to be lodged in the central data warehouse regularly and routinely e.g. monthly. Extracts will be taken at prearranged intervals for publication
- to be assembled, compiled and to flow into a secondary uses data warehouse
- to provide timely, pseudonymised [PATIENT](#)-based data and information for purposes other than direct clinical care, e.g. planning, commissioning, public health, clinical audit, performance improvement, research, clinical governance.

The [Maternity Services Data Set](#) enables standardised collection of data from various services to be assembled for reporting purposes.

##### Submission information

The [Maternity Services Data Set](#) is submitted centrally via the [Data Processing Services \(DPS\)](#) maintained by [NHS Digital](#).

The [Maternity Services Data Set](#) is submitted to [NHS Digital](#) using the [Maternity Services Data Set XML Schema](#).

A conversion tool has also been developed which enables the loading or copying of data into the provided table structure. Once populated, the tool can export the data in the required XML format, ready for submission.

##### Format information

Data for submission will be formatted into an XML file as per [Technology Reference Data Update Distribution \(TRUD\)](#) at: [NHS Data Model and Dictionary: DD XML Schemas](#).

For enquiries regarding the XML Schema, please contact [NHS Digital](#) at [enquiries@nhsdigital.nhs.uk](mailto:enquiries@nhsdigital.nhs.uk).

### Further guidance

Further guidance has been produced by [NHS Digital](#) and is available at [Maternity Services Data Set](#).

### Mandation

The Mandation column indicates the recommendation for the inclusion of data:

- M = Mandatory: this data element is mandatory and the technical process (e.g. submission of the data set, production of output etc) cannot be completed without this data element being present
- R = Required: NHS business processes cannot be delivered without this data element
- O = Optional: the inclusion of this data element is optional as required for local purposes.

### Data Set Constraints

For guidance on the Data Set constraints, see the [Maternity Services Data Set Constraints](#).

### XML Schema

For guidance on downloading the XML Schema, see [XML Schema TRUD Download](#).

---

### CLINICAL INVESTIGATION RESULT ITEM

---

Change to Class: Changed Attributes

*Attributes of this Class are:*

K INVESTIGATION RESULT DATE  
ABNORMALITY DETECTED INDICATOR  
ACUTE MYELOID LEUKAEMIA RISK FACTORS  
ALK GENE FUSION STATUS  
ANKLE DORSIFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT  
ANKLE PLANTARFLEXION CODE FOR PRIMARY ANKLE REPLACEMENT  
BLOOD PRODUCTS REQUIRED FOLLOWING OESOPHAGECTOMY INDICATION CODE  
BREAST BIOPSY REFERRAL OUTCOME  
BREAST CANCER HISTOLOGICAL TYPE  
BREAST PROGESTERONE RECEPTOR STATUS  
BREAST SCREENING MAMMOGRAPHY OUTCOME CODE  
BRONCHOSCOPY PERFORMED TYPE  
CANCER SPECIMEN NATURE  
CANCER SURGICAL ADMISSION TYPE  
CANCER VASCULAR OR LYMPHATIC INVASION  
CENTRAL TONE STATUS  
CERVICAL GLANDULAR INTRAEPITHELIAL NEOPLASIA PRESENCE AND GRADE  
CHLAMYDIA TEST RESULT  
CLINICAL FRAILTY SCALE POINT  
CLINICAL INVESTIGATION ITEM TYPE  
CLINICAL INVESTIGATION RESULT ANALYSED DATE  
CLINICAL INVESTIGATION RESULT RECEIVED DATE  
CLINICAL INVESTIGATION RESULT VALUE  
CONDITION SEEN IN ABDOMEN DURING XRAY  
CYSTIC PERIVENTRICULAR LEUKOMALACIA OBSERVED DURING CRANIAL ULTRASOUND SCAN INDICATOR  
CYTOGENETIC ABNORMALITY RISK GROUP  
CYTOGENETIC ANALYSIS CODE  
CYTOGENETIC PRESENCE TYPE FOR RHABDOMYOSARCOMA  
CYTOGENETIC RISK GROUP FOR PAEDIATRIC MOLECULAR GENETIC ABNORMALITIES  
DEGREES OF FIXED FLEXION DEFORMITY FOR PRIMARY KNEE REPLACEMENT  
DEGREES OF FLEXION RANGE FOR PRIMARY KNEE REPLACEMENT  
DETRUSOR MUSCLE PRESENCE INDICATION CODE  
EPIDERMAL GROWTH FACTOR RECEPTOR MUTATIONAL STATUS  
ESTROGEN RECEPTOR STATUS  
EUROPEAN LEUKAEMIA NET GENETIC RISK CODE  
EXCISION MARGIN INDICATION CODE  
FINDING SCHEME IN USE  
GENETIC CONFIRMATION INDICATOR  
GRADE OF DIFFERENTIATION  
GYNAECOLOGICAL CANCER SITE OF PERITONEAL INVOLVEMENT  
HAEMOGLOBINOPATHY INVESTIGATION RESULT CODE FOR NATIONAL NEONATAL DATA SET  
HEPATITIS B INFECTION INDICATION CODE

HEPATITIS C INFECTION INDICATION CODE  
HORMONE EXPRESSION TYPE  
HUMAN EPIDERMAL GROWTH FACTOR IN SITU HYBRIDISATION RECEPTOR STATUS FOR BREAST  
HUMAN EPIDERMAL GROWTH FACTOR RECEPTOR STATUS FOR BREAST  
HUMAN PAPILLOMAVIRUS IN SITU HYBRIDISATION TEST RESULT  
IMMUNOHISTOCHEMISTRY NUCLEAR EXPRESSION INTACT INDICATION CODE  
INTRAVENTRICULAR HAEMORRHAGE GRADE  
INVASIVE CANCER SPECIAL TYPE INDICATOR  
INVESTIGATION EXAMINATION RESULT  
INVESTIGATION RUBELLA RESULT INDICATOR  
LEUKAEMIC CELLS PRESENT POST MINIMAL RESIDUAL DISEASE INDUCTION PERCENTAGE  
LYMPH NODE STATUS  
METASTASIS EXTENT CODE  
MICROSATELLITE INSTABILITY TESTING RESULT  
MICROSCOPIC INVOLVEMENT INDICATION CODE FOR FALLOPIAN TUBE OR OVARIAN CANCER  
MICROSCOPIC INVOLVEMENT INDICATION CODE FOR UTERINE SEROSA  
MICROSCOPIC INVOLVEMENT INDICATOR FOR PARAMETRIUM OR CERVICAL STROMA  
MICROSCOPIC INVOLVEMENT INDICATOR FOR VAGINAL  
NEWBORN BLOOD SPOT TEST OUTCOME STATUS  
NEWBORN HEARING AUDIOLOGY OUTCOME  
NEWBORN HEARING SCREENING OUTCOME  
NEWBORN HEARING SCREENING OUTCOME FOR NATIONAL NEONATAL DATA SET  
NUMBER OF FETUSES  
OBSERVATION VALUE  
OESOPHAGECTOMY OESOPHAGEAL CONDUIT NECROSIS FAILURE TYPE  
OESOPHAGOENTERIC LEAK SEVERITY TYPE  
ORGAN SUPPORT MAXIMUM  
OTHER NON BREAST LOCALLY ADVANCED METASTATIC MALIGNANCY INDICATOR  
P16 IMMUNOHISTOCHEMISTRY TEST RESULT  
PAEDIATRIC MYELODYSPLASIA CLINICAL FINDINGS  
PATHOLOGICAL RISK CLASSIFICATION CODE AFTER NEPHRECTOMY  
PATHOLOGICAL RISK CLASSIFICATION CODE AFTER PREOPERATIVE CHEMOTHERAPY  
PD L1 EXPRESSION PERCENTAGE  
PERINEURAL INVASION INDICATOR FOR SKIN  
PERINEURAL INVASION INDICATOR FOR UROLOGICAL  
PERITONEAL INVOLVEMENT INDICATION CODE  
PERSON BLOOD GROUP  
PERSON GENOTYPIC SEX FOR NATIONAL NEONATAL DATA SET  
PERSON RHESUS FACTOR  
PORENCEPHALIC CYST VISIBLE DURING CRANIAL ULTRASOUND SCAN INDICATOR  
PREOPERATIVE THERAPY RESPONSE TYPE  
RECURRENT LARYNGEAL NERVE INJURY INVOLVEMENT TYPE  
RENAL VEIN TUMOUR INDICATOR FOR PAEDIATRIC KIDNEY  
RENAL VEIN TUMOUR THROMBUS INDICATION CODE FOR UROLOGICAL  
RETINOPATHY OF PREMATURETY CLOCK HOURS MAXIMUM STAGE  
RETINOPATHY OF PREMATURETY MAXIMUM ZONE  
RETINOPATHY OF PREMATURETY PLUS DISEASE STATUS  
RETINOPATHY OF PREMATURETY STAGE  
ROS1 FUSION STATUS  
S CATEGORY CODE  
SENTINEL LYMPH NODE BIOPSY OUTCOME  
SITUATION SCHEME IN USE  
SPLENOMEGALY INDICATOR  
SUBTALAR JOINT MOVEMENT CODE FOR PRIMARY ANKLE REPLACEMENT  
TIBIA HINDFOOT ALIGNMENT CODE FOR PRIMARY ANKLE REPLACEMENT  
TUMOUR NECROSIS  
TUMOUR NECROSIS INDICATION CODE  
UNIT OF MEASURE  
VENTRICULAR DILATION DIAGNOSED DURING CRANIAL ULTRASOUND SCAN INDICATOR  
VIABLE TUMOUR EVIDENCE AT RESECTION MARGIN  
VISUAL ACUITY OR FIELD TEST RESULT

---

**CDS INTERCHANGE TEST INDICATOR**

---

Change to Attribute: Changed Description

An indication of whether the [Commissioning Data Set](#) Interchange is a production or test Interchange.

Note: Any [CDS INTERCHANGE TEST INDICATOR](#) not populated, or populated with any code other than the specified National Codes will be treated as Production data.

**National Codes:**

- 1 The whole Interchange contains Test data
- ~~0 The whole Interchange contains Production data~~
- (zero)
- 0 The whole Interchange contains Production data

**ORGAN SUPPORT MAXIMUM**

Change to Attribute: New Attribute

The maximum number of [ORGAN SYSTEMS SUPPORTED](#) on any one day during a [CRITICAL CARE PERIOD](#).

- Each organ system can only be counted once on any calendar day.
- Both basic and advanced categories cannot be counted at the same time.
- The number of organ systems supported can be between 00 to 07, although for the purposes of recording on the Commissioning Data Set messages Gastro-intestinal support days are not recorded within the count.

[ORGAN SUPPORT MAXIMUM](#) is derived by counting the maximum number of [ACTIVITY PROPERTIES](#) where the [ORGAN SYSTEM SUPPORTED](#) is different, for each day of the [CRITICAL CARE PERIOD](#) and reporting the highest number.

Each [ACTIVITY PROPERTY](#) will have one or more [ACTIVITY PROPERTY EFFECTIVE DATES](#) and [ACTIVITY PROPERTY END DATES](#) within the [CRITICAL CARE PERIOD](#). Both basic and advanced categories cannot be counted at the same time therefore the maximum number of systems supported is 7.

**This attribute is also known by these names:**

Context	Alias
plural	<a href="#">ORGAN SUPPORT MAXIMUMS</a>

**ORGAN SUPPORT MAXIMUM**

Change to Attribute: New Attribute

**ORGAN SUPPORT MAXIMUM**

**Data Elements:**

<a href="#">ORGAN SUPPORT MAXIMUM</a>
---------------------------------------

**ADVANCED CARDIOVASCULAR SUPPORT DAYS**

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more days of advanced cardiovascular support
	<del>999 - occurred but day count not known</del>
	999 - Occurred but day count not known

**Notes:**

~~[ADVANCED CARDIOVASCULAR SUPPORT DAYS](#) is the total number of days that the [PATIENT](#) received advanced cardiovascular support during a [CRITICAL CARE PERIOD](#), ranging from 000 to 997 days. [ADVANCED CARDIOVASCULAR SUPPORT DAYS](#) is the same as attribute [ACTIVITY DURATION](#).~~

[ADVANCED CARDIOVASCULAR SUPPORT DAYS](#) is the total number of days that the [PATIENT](#) received advanced cardiovascular support during a [CRITICAL CARE PERIOD](#), ranging from 0 to 997 days.

[ADVANCED CARDIOVASCULAR SUPPORT DAYS](#) is derived from the difference between the [ACTIVITY PROPERTY EFFECTIVE DATE](#) and the [ACTIVITY PROPERTY END DATE](#) for all [ACTIVITY PROPERTIES](#) where the [ORGAN SYSTEM SUPPORTED](#) is National Code 'Advanced Cardiovascular Support' within the [CRITICAL CARE PERIOD](#).

[ADVANCED CARDIOVASCULAR SUPPORT DAYS](#) is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group 4](#). Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### ADVANCED RESPIRATORY SUPPORT DAYS

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more days of advanced respiratory support <del>999 - occurred but day count not known</del> 999 - Occurred but day count not known

**Notes:**

~~ADVANCED RESPIRATORY SUPPORT DAYS is the total number of days that the PATIENT received advanced respiratory support during a CRITICAL CARE PERIOD, ranging from 000 to 997 days. ADVANCED RESPIRATORY SUPPORT DAYS is the same as attribute ACTIVITY DURATION.~~

ADVANCED RESPIRATORY SUPPORT DAYS is the total number of days that the PATIENT received advanced respiratory support during a CRITICAL CARE PERIOD, ranging from 0 to 997 days.

ADVANCED RESPIRATORY SUPPORT DAYS is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 'Advanced Respiratory Support' within the CRITICAL CARE PERIOD.

ADVANCED RESPIRATORY SUPPORT DAYS is used by the Secondary Uses Service to derive the Healthcare Resource Group 4. Failure to correctly populate this data element is likely to result in an incorrect Healthcare Resource Group, usually associated with lower levels of healthcare resource.

For further information, please refer to the NHS Digital website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### AGE AT CDS ACTIVITY DATE

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	999 - Not known i.e. date of birth not known and age cannot be estimated

**Notes:**

AGE AT CDS ACTIVITY DATE is the same as attribute PERSON AGE.

AGE AT CDS ACTIVITY DATE is derived as the number of completed years between the PERSON BIRTH DATE of the PATIENT and the CDS ACTIVITY DATE.

AGE AT CDS ACTIVITY DATE is used by the Secondary Uses Service to derive the Healthcare Resource Group 4. Failure to correctly populate this data element is likely to result in an incorrect Healthcare Resource Group, usually associated with lower levels of healthcare resource.

~~For further information, please refer to the NHS Digital website at: [Payment by Results Guidance](#).~~ For further information, please refer to the NHS Digital website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### AGE ON ADMISSION

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	999 - Not known i.e. date of birth not known and age cannot be estimated

**Notes:**

AGE ON ADMISSION is the same as attribute PERSON AGE.

[AGE\\_ON\\_ADMISSION](#) is derived as the number of completed years between the [PERSON\\_BIRTH\\_DATE](#) of the [PATIENT](#) and the [START\\_DATE \(HOSPITAL\\_PROVIDER\\_SPELL\)](#).

[AGE\\_ON\\_ADMISSION](#) is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group](#) 4. Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### ATTENDANCE IDENTIFIER

---

Change to Data Element: Changed Description

Format/Length:	an12
Format/Length:	max an12
National Codes:	
Default Codes:	

**Notes:**

~~[ATTENDANCE\\_IDENTIFIER](#) is the [ACTIVITY\\_IDENTIFIER](#) for the attendance.~~ [ATTENDANCE\\_IDENTIFIER](#) is the same as attribute [ACTIVITY\\_IDENTIFIER](#) for the attendance.

[ATTENDANCE\\_IDENTIFIER](#) is a sequential number or time of day used to enable an attendance to be uniquely identified.

If a [PATIENT](#) is seen by a doctor, sent elsewhere for a test or X-ray and then seen again by a doctor of the same [CONSULTANT](#)'s firm during the same clinic session, it would be recorded as one attendance - not two.

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

**[ATTENDANCE\\_IDENTIFIER](#) will be replaced with [OUTPATIENT\\_ATTENDANCE\\_IDENTIFIER](#), which is the most recent approved national information standard to describe the required definition.**

---

#### BASIC CARDIOVASCULAR SUPPORT DAYS

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more days of basic cardiovascular support
	<del>999 - occurred but day count not known</del>
	999 - Occurred but day count not known

**Notes:**

~~[BASIC\\_CARDIOVASCULAR\\_SUPPORT\\_DAYS](#) is the total number of days that the [PATIENT](#) received basic cardiovascular support during a [CRITICAL\\_CARE\\_PERIOD](#), ranging from 000 to 997 days.~~ [BASIC\\_CARDIOVASCULAR\\_SUPPORT\\_DAYS](#) is the same as attribute [ACTIVITY\\_DURATION](#).

[BASIC\\_CARDIOVASCULAR\\_SUPPORT\\_DAYS](#) is the total number of days that the [PATIENT](#) received basic cardiovascular support during a [CRITICAL\\_CARE\\_PERIOD](#), ranging from 0 to 997 days.

[BASIC\\_CARDIOVASCULAR\\_SUPPORT\\_DAYS](#) is derived from the difference between the [ACTIVITY\\_PROPERTY\\_EFFECTIVE\\_DATE](#) and the [ACTIVITY\\_PROPERTY\\_END\\_DATE](#) for all [ACTIVITY\\_PROPERTIES](#) where the [ORGAN\\_SYSTEM\\_SUPPORTED](#) is National Code 'Basic Cardiovascular Support' within the [CRITICAL\\_CARE\\_PERIOD](#).

[BASIC\\_CARDIOVASCULAR\\_SUPPORT\\_DAYS](#) is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group](#) 4. Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### BASIC RESPIRATORY SUPPORT DAYS

---

Change to Data Element: Changed Description

---

--	--



Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more days of basic respiratory support 999 - occurred but day count not known 999 - Occurred but day count not known

**Notes:**

BASIC RESPIRATORY SUPPORT DAYS is the total number of days that the PATIENT received basic respiratory support during a CRITICAL CARE PERIOD, ranging from 000 to 997 days. BASIC RESPIRATORY SUPPORT DAYS is the same as attribute ACTIVITY DURATION.

BASIC RESPIRATORY SUPPORT DAYS is the total number of days that the PATIENT received basic respiratory support during a CRITICAL CARE PERIOD, ranging from 0 to 997 days.

BASIC RESPIRATORY SUPPORT DAYS is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 'Basic Respiratory Support' within the CRITICAL CARE PERIOD.

BASIC RESPIRATORY SUPPORT DAYS is used by the Secondary Uses Service to derive the Healthcare Resource Group 4. Failure to correctly populate this data element is likely to result in an incorrect Healthcare Resource Group, usually associated with lower levels of healthcare resource.

For further information, please refer to the NHS Digital website at: Payment by Results Guidance.

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**BIRTH WEIGHT**

Change to Data Element: Changed Description

Format/Length:	n4
Format/Length:	max an4
National Codes:	
Default Codes:	9999 - <u>Weight</u> not known

**Notes:**

BIRTH WEIGHT is the Birth Weight, where the UNIT OF MEASUREMENT is 'Grams (g)'. BIRTH WEIGHT is the same as attribute CLINICAL INVESTIGATION RESULT VALUE.

BIRTH WEIGHT is the result of the Clinical Investigation which measures the Birth Weight, where the UNIT OF MEASUREMENT is 'Grams (g)'.  
The range is 0001 to 9998. The range is 1 to 9998.

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**CDS INTERCHANGE APPLICATION REFERENCE**

Change to Data Element: Changed Description

Format/Length:	an14
Format/Length:	min an1 max an14
National Codes:	
Default Codes:	

**Notes:**

CDS INTERCHANGE APPLICATION REFERENCE is the same as attribute CDS INTERCHANGE APPLICATION REFERENCE.

**Usage:**

This facility enables submitted interchanges to be marked to enable interchange content to be identified and recorded. All Commissioning Data Set Interchanges must contain this data element.

**CDS XML Schema Interchanges:**

Commissioning Data Set XML Schema interchanges submitted may contain the optional CDS INTERCHANGE APPLICATION REFERENCE.

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

CDS INTERCHANGE CONTROL COUNT

Change to Data Element: Changed Description

Format/Length:	n7
Format/Length:	max n7
National Codes:	
Default Codes:	

Notes:

CDS INTERCHANGE CONTROL COUNT is the same as attribute CDS INTERCHANGE CONTROL COUNT.

Usage:

Senders of Commissioning Data Set Interchanges must generate this data. Recipients of Commissioning Data Set Interchanges are advised to recount the received Commissioning Data Set messages and match this control count to ensure all Commissioning Data Set data submitted has been correctly received.

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

CDS INTERCHANGE CONTROL REFERENCE

Change to Data Element: Changed Description

Format/Length:	an14
Format/Length:	max n7
National Codes:	
Default Codes:	

Notes:

CDS INTERCHANGE CONTROL REFERENCE is the same as attribute CDS INTERCHANGE CONTROL REFERENCE.

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:

CDS INTERCHANGE CONTROL REFERENCE 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.

Although (for historical reasons) contained in a 14 alpha-numeric format, a maximum value of 9999999 is permitted in the format of n7. For Commissioning Data Sets 6-2, 6-2-1, 6-2-2 and 6-2-3, the XML schemas allow a maximum of an14 alphanumeric characters. This Format/Length was defined historically, but the Secondary Uses Service has always allowed a maximum of 7 numeric characters with a maximum value of 99999999. In Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements" this anomaly has been corrected. Future XML schemas will be amended to carry the correct format/length of max n7.

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

CDS XML Schema Interchanges:

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

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

CDS INTERCHANGE RECEIVER IDENTITY

Change to Data Element: Changed Description

Format/Length:	an15
Format/Length:	min an1 max an15
National Codes:	
Default Codes:	

Notes:

CDS INTERCHANGE RECEIVER IDENTITY is the same as attribute CDS INTERCHANGE RECEIVER IDENTITY.

Usage:

The collection facility for Commissioning data is the Secondary Uses Service.

CDS XML Schema Interchanges:

All Commissioning Data Set XML Schema interchanges submitted must contain the CDS INTERCHANGE RECEIVER IDENTITY of the Secondary Uses Service. Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

## CDS INTERCHANGE SENDER IDENTITY

---

Change to Data Element: Changed Description

Format/Length:	an15
Format/Length:	min an1 max an15
National Codes:	
Default Codes:	

**Notes:**

[CDS INTERCHANGE SENDER IDENTITY](#) is the same as attribute [CDS INTERCHANGE SENDER IDENTITY](#).

**Usage:**

[CDS INTERCHANGE SENDER IDENTITY](#) is a mandatory data element when submitting Commissioning Data Set interchanges. Every [ORGANISATION](#) must register its [CDS INTERCHANGE SENDER IDENTITY](#) for use with the [Secondary Uses Service](#).

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 Electronic Data Interchange (EDI) address of the sending site.

**CDS XML Schema Interchanges:**

All [Commissioning Data Set](#) XML Schema interchanges submitted must contain a [CDS INTERCHANGE SENDER IDENTITY](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

## CDS MESSAGE REFERENCE

---

Change to Data Element: Changed Description

Format/Length:	an14
Format/Length:	max n7
National Codes:	
Default Codes:	

**Notes:**

[CDS MESSAGE REFERENCE](#) is the same as attribute [CDS MESSAGE REFERENCE](#).

**Usage:**

For each message within an interchange the [CDS MESSAGE REFERENCE](#) is assigned to provide a unique identity (within an interchange). 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. Each message within an interchange the [CDS MESSAGE REFERENCE](#) is assigned to provide a unique identity (within an interchange).

For [Commissioning Data Sets](#) 6-2, 6-2-1, 6-2-2 and 6-2-3, the XML schemas allow a maximum of an14 alphanumeric characters. This Format/Length was defined historically, but the [Secondary Uses Service](#) has always allowed a maximum of 7 numeric characters with a maximum value of 99999999. In [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#) this anomaly has been corrected. Future XML schemas will be amended to carry the correct format/length of max n7.

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

## CDS RECORD IDENTIFIER

---

Change to Data Element: Changed Description

Format/Length:	an35
Format/Length:	min an1 max an35
National Codes:	
Default Codes:	

**Notes:**

[CDS RECORD IDENTIFIER](#) is the same as attribute [RECORD IDENTIFIER](#).

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

When exchanging Commissioning Data Set data, [CDS RECORD IDENTIFIER](#) 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/ORGANISATION IDENTIFIER (CDS SENDER)</a>	an5	As generated in the <a href="#">CDS V6-2 Type 005B - CDS Transaction Header Group - Bulk Update Protocol</a> or the <a href="#">CDS V6-2 Type 005N - CDS Transaction Header Group - Net Change Protocol</a> Or As generated in the <a href="#">CDS V6-2-1 Type 005B - CDS Transaction Header Group - Bulk Update Protocol</a> or the <a href="#">CDS V6-2-1 Type 005N - CDS Transaction Header Group - Net Change Protocol</a> Or As generated in the <a href="#">CDS V6-2-2 Type 005B - CDS Transaction Header Group - Bulk Update Protocol</a> or the <a href="#">CDS V6-2-2 Type 005N - CDS Transaction Header Group - Net Change Protocol</a> Or As generated in the <a href="#">CDS V6-2-3 Type 005B - CDS Transaction Header Group - Bulk Update Protocol</a> or <a href="#">CDS V6-2-3 Type 005N - Commissioning Data Set Transaction Header Group - Net Change Protocol</a>
2	Not Used	an2	Set = Blank
3	<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	an14 (n7)*	As generated in the <a href="#">CDS V6-2 Type 001 - CDS Interchange Header</a>
4	<a href="#">CDS MESSAGE REFERENCE</a>	an14 (n7)*	As generated in the <a href="#">CDS V6-2 Type 003 - CDS Message Header</a>
3	<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	max n7	As generated in the <a href="#">CDS V6-2 Type 001 - CDS Interchange Header</a>
4	<a href="#">CDS MESSAGE REFERENCE</a>	max n7	As generated in the <a href="#">CDS V6-2 Type 003 - CDS Message Header</a>

\*This data item is configured as an14 format element, but a maximum value of 9999999 is permitted in the format of n7.

#### Usage:

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 Schema Interchanges:

The [CDS-RID](#) data element is carried in the CDS Message Header ([CDS V6-2 Type 003 - CDS Message Header](#)). Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

#### CDS UNIQUE IDENTIFIER

Change to Data Element: Changed Description

Format/Length:	an35
Format/Length:	min an1 max an35
National Codes:	
Default Codes:	

#### Notes:

[CDS UNIQUE IDENTIFIER](#) is the same as attribute [RECORD IDENTIFIER](#).

[CDS UNIQUE IDENTIFIER](#) provides a unique identity for the life-time of an episode carried in a Commissioning Data Set message.

Note that the [CDS UNIQUE IDENTIFIER](#) must be constructed without the use of [PATIENT](#) Confidential Information. This includes [PATIENT](#) Identifiers such as [NHS NUMBER](#) or [LOCAL PATIENT IDENTIFIER](#), as well as any text which may identify the [PATIENT DIAGNOSIS](#) of the [PATIENT](#) or any [PATIENT](#) procedures being undertaken.

See the [Commissioning Data Set Submission Protocol](#) for detailed information.

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	<b>NHS Organisation Code Type</b>	an1	A = Pre 1996 <a href="#">ORGANISATION CODE</a> B = Post 1996 NHS <a href="#">ORGANISATION CODE</a> / <a href="#">ORGANISATION IDENTIFIER</a>	Mandatory For all <a href="#">CDS Types</a>
2	<b>Provider Code</b>	an5	The NHS <a href="#">ORGANISATION CODE</a> / <a href="#">ORGANISATION IDENTIFIER</a> 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 <a href="#">CDS Types</a>
3a		an29		

	<b>Application Specific CDS Identity</b>		A code of up to <b>29 alpha-numeric characters</b> generated by the Sender's application to uniquely identify the CDS within its CDS Type or family of CDS Types	Mandatory for all <a href="#">CDS Types</a> <b>Except for EAL CDS Types</b>
--	--	--	--	--

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

REF	UID	FORMAT	CODES / VALUES	COMMENT
1	<b>NHS Organisation Code Type</b>	an1	A = Pre 1996 <a href="#">ORGANISATION CODE</a> B = Post 1996 NHS <a href="#">ORGANISATION CODE</a> / <a href="#">ORGANISATION IDENTIFIER</a>	Mandatory For all <a href="#">CDS Types</a>
2	<b>Provider Code</b>	an5	The NHS <a href="#">ORGANISATION CODE</a> / <a href="#">ORGANISATION IDENTIFIER</a> 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 <a href="#">CDS Types</a>
3b	<b>Application Specific CDS Identity</b>	an9	A code of up to <b>9 alpha-numeric characters</b> 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.	<b>Mandatory for all EAL EOP CDS Types</b>
3c	<b>Filler</b>	an20	Additional data positions must be left blank.	

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

REF	UID	FORMAT	CODES / VALUES	COMMENT
1	<b>NHS Organisation Code Type</b>	an1	A = Pre 1996 <a href="#">ORGANISATION CODE</a> B = Post 1996 NHS <a href="#">ORGANISATION CODE</a> / <a href="#">ORGANISATION IDENTIFIER</a>	Mandatory For all <a href="#">CDS Types</a>
2	<b>Provider Code</b>	an5	The NHS <a href="#">ORGANISATION CODE</a> / <a href="#">ORGANISATION IDENTIFIER</a> 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 <a href="#">CDS Types</a>
3d	<b>Application Specific CDS Identity</b>	an9	A code of up to <b>5 alpha-numeric characters padded with 4 trailing spaces to 9 characters</b> . Generated by the Sender's application to uniquely identify the EAL Event During Period Census CDS Types with the same Admission List Entry.	<b>Mandatory for all EAL EDP CDS Types</b>
3e	<b>Filler</b>	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 EDP CDS Types</b>
3f	<b>Filler</b>	an17	Additional data positions must be left blank.	

**Usage:**

[CDS UNIQUE IDENTIFIER](#) 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 Commissioning Data Set data remain directly responsible for the integrity of the [CDS UNIQUE IDENTIFIER](#)
- 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 patient care application systems where the control of the UID key integrity may be suspect. These issues include:

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

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 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](#) / [ORGANISATION IDENTIFIER](#) issued from April 1996

\* The values of **A** and **B** must be used in the formatting of the [CDS UNIQUE IDENTIFIER](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**COMMISSIONER REFERENCE NUMBER**

---

Change to Data Element: Changed Description

Format/Length:	an17
Format/Length:	max an17
National Codes:	
Default Codes:	8 (left justified padded with spaces) – Not applicable
	9 (left justified padded with spaces) – Not known
Default Codes:	8 - Not applicable
	9 - COMMISSIONER REFERENCE NUMBER not known

**Notes:**

[COMMISSIONER REFERENCE NUMBER](#) is the same as attribute [COMMISSIONER REFERENCE NUMBER](#). Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**COMMISSIONING SERIAL NUMBER**

---

Change to Data Element: Changed Description

Format/Length:	an6
Format/Length:	max an6
National Codes:	
Default Codes:	

**Notes:**

[COMMISSIONING SERIAL NUMBER](#) is the same as attribute [NHS SERVICE AGREEMENT NUMBER](#).

From 01/04/2001 this data item will be used to identify [PATIENTS](#) treated under [Non-Contract Activities](#), [NHS Trusts](#) and [NHS Foundation Trusts](#) are required to insert the letters 'OAT' (mandated input as capitals) in the first three characters of the [COMMISSIONING SERIAL NUMBER](#) field of the Admitted Patient Care Commissioning Data Set. The remaining three characters will continue to be defined locally, see [DSCN 17/2000](#).

From 01/04/2005 an '=' (equals) as the last significant character in this six character field will indicate an episode that should be excluded from the [National Tariff Payment System](#) tariff.

The position of the last character depends on any preceding characters eg 1st character if field is otherwise blank, 4th character if following 'OAT', up to a maximum of 6th position. This provides a general exclusion facility for unusual circumstances or where more specific rules regarding coding in other fields cannot be implemented due to local software restrictions.

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**CRITICAL CARE LEVEL 2 DAYS**

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more level 2 days
	999 – level 2 days occurred but day count not known
	999 - Level 2 days occurred but day count not known

**Notes:**

[CRITICAL CARE LEVEL 2 DAYS](#) is the total number of days a [PATIENT](#) received level 2 care during a [CRITICAL CARE PERIOD](#). From 000 to 997 days can be recorded; if 998 or more days have occurred the default code should be used. [CRITICAL CARE LEVEL 2 DAYS](#) is the same as attribute [ACTIVITY DURATION](#).

[CRITICAL CARE LEVEL 2 DAYS](#) is derived from the difference between the [ACTIVITY PROPERTY EFFECTIVE DATE](#) and the [ACTIVITY PROPERTY END DATE](#) for all [ACTIVITY PROPERTIES](#) where the [CRITICAL CARE LEVEL](#) is National Code 02 'Level 2' within the [CRITICAL CARE PERIOD](#). [CRITICAL CARE LEVEL 2 DAYS](#) is the total number of days a [PATIENT](#) received level 2 care during a [CRITICAL CARE PERIOD](#), ranging from 0 to 997 days.

[CRITICAL CARE LEVEL 2 DAYS](#) is derived from the difference between the [ACTIVITY PROPERTY EFFECTIVE DATE](#) and the [ACTIVITY PROPERTY END DATE](#) for all [ACTIVITY PROPERTIES](#) where the [CRITICAL CARE LEVEL](#) is National Code 'Level 2' within the [CRITICAL CARE PERIOD](#).

[CRITICAL CARE LEVEL 2 DAYS](#) is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group 4](#). Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### CRITICAL CARE LEVEL 3 DAYS

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more level 3 days 999 - level 3 days occurred but day count not known 999 - Level 3 days occurred but day count not known

**Notes:**

[CRITICAL CARE LEVEL 3 DAYS](#) is the total number of days a [PATIENT](#) received level 3 care during a [CRITICAL CARE PERIOD](#). From 000 to 997 days can be recorded; if 998 or more days have occurred the default code should be used. [CRITICAL CARE LEVEL 3 DAYS](#) is the same as attribute [ACTIVITY DURATION](#).

[CRITICAL CARE LEVEL 3 DAYS](#) is derived from the difference between the [ACTIVITY PROPERTY EFFECTIVE DATE](#) and the [ACTIVITY PROPERTY END DATE](#) for all [ACTIVITY PROPERTIES](#) where the [CRITICAL CARE LEVEL](#) is National Code 03 'Level 3' within the [CRITICAL CARE PERIOD](#). [CRITICAL CARE LEVEL 3 DAYS](#) is the total number of days a [PATIENT](#) received level 3 care during a [CRITICAL CARE PERIOD](#), ranging from 0 to 997 days.

[CRITICAL CARE LEVEL 3 DAYS](#) is derived from the difference between the [ACTIVITY PROPERTY EFFECTIVE DATE](#) and the [ACTIVITY PROPERTY END DATE](#) for all [ACTIVITY PROPERTIES](#) where the [CRITICAL CARE LEVEL](#) is National Code 'Level 3' within the [CRITICAL CARE PERIOD](#).

[CRITICAL CARE LEVEL 3 DAYS](#) is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group 4](#). Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### CRITICAL CARE LOCAL IDENTIFIER

Change to Data Element: Changed Description

Format/Length:	an8
Format/Length:	max an8
National Codes:	
Default Codes:	

**Notes:**

[CRITICAL CARE LOCAL IDENTIFIER](#) is the same as attribute [ACTIVITY IDENTIFIER](#).

[CRITICAL CARE LOCAL IDENTIFIER](#) is a unique local [ACTIVITY IDENTIFIER](#) used to identify the start of [CARE ACTIVITY](#) within a [CRITICAL CARE PERIOD](#).

This locally defined variable should as a minimum include a sequential numerical component that can discriminate two or more [CRITICAL CARE PERIODS](#) occurring on the same calendar day for the same patient. [CRITICAL CARE LOCAL IDENTIFIER](#) should as a minimum include a sequential numerical component that can discriminate two or more [CRITICAL CARE PERIODS](#) occurring on the same calendar day for the same patient.

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### DERMATOLOGICAL SUPPORT DAYS

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	

Default Codes:	998 - 998 or more days of dermatological support
	999 - occurred but day count not known
	999 - Occurred but day count not known

**Notes:**

The total number of days that the [PATIENT](#) received dermatological system support during a [CRITICAL CARE PERIOD](#), ranging from 000 to 997 days. [DERMATOLOGICAL SUPPORT DAYS](#) is the same as attribute [ACTIVITY DURATION](#).

This is derived from the difference between the [ACTIVITY PROPERTY EFFECTIVE DATE](#) and the [ACTIVITY PROPERTY END DATE](#) for all [ACTIVITY PROPERTIES](#) where the [ORGAN SYSTEM SUPPORTED](#) is National Code 08 'Dermatological Support' within the [CRITICAL CARE PERIOD](#). [DERMATOLOGICAL SUPPORT DAYS](#) is the total number of days that the [PATIENT](#) received dermatological system support during a [CRITICAL CARE PERIOD](#), ranging from 0 to 997 days.

[DERMATOLOGICAL SUPPORT DAYS](#) is derived from the difference between the [ACTIVITY PROPERTY EFFECTIVE DATE](#) and the [ACTIVITY PROPERTY END DATE](#) for all [ACTIVITY PROPERTIES](#) where the [ORGAN SYSTEM SUPPORTED](#) is National Code 'Dermatological Support' within the [CRITICAL CARE PERIOD](#).

[DERMATOLOGICAL SUPPORT DAYS](#) is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group 4](#). Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**DURATION OF ELECTIVE WAIT**

---

Change to Data Element: Changed Description

Format/Length:	n4
Format/Length:	max an4
National Codes:	
Default Codes:	9998 - Not applicable
	9999 - Not known (i.e. no date known for decision to admit): a validation error
	9999 - Not known (no date known for <a href="#">DECISION TO ADMIT</a> )

**Notes:**

[DURATION OF ELECTIVE WAIT](#) is a derived item that records the waiting time from the [ORIGINAL DECIDED TO ADMIT DATE](#) to the admission date at the provider where the treatment actually takes place. [DURATION OF ELECTIVE WAIT](#) is the same as attribute [ACTIVITY DURATION](#).

Enter 0000-8887 in days, right justified with preceding zeros. [DURATION OF ELECTIVE WAIT](#) is a derived item that records the waiting time in days from the [ORIGINAL DECIDED TO ADMIT DATE](#) to the admission date at the provider where the treatment actually takes place, ranging from 0 to 8887 days.

A waiting time of 0 (zero) days is only to be entered after careful scrutiny.

Please note that the [PATIENT](#)'s [WAITING PERIOD EXCLUSIONS](#) (their aggregate suspended and/or self-deferred periods) should be subtracted from the [DURATION OF ELECTIVE WAIT](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**EPISODE NUMBER**

---

Change to Data Element: Changed Description

Format/Length:	n2
Format/Length:	max an2
National Codes:	
Default Codes:	98 - Not applicable
	99 - <a href="#">EPISODE NUMBER</a> not known

**Notes:**

[EPISODE NUMBER](#) is the same as attribute [ACTIVITY IDENTIFIER](#).

[EPISODE NUMBER](#) is used to uniquely identify episodes, and is a sequence number for each [Consultant Episode \(Hospital Provider\)](#) in a [Hospital Provider Spell](#). The first episode of each new [Hospital Provider Spell](#) (including re-admitted [PATIENTS](#)) commences at 01.

A known [EPISODE NUMBER](#) can be between 01 to 87. The first episode of each new [Hospital Provider Spell](#) (including re-admitted [PATIENTS](#)) commences at 1.



A known EPISODE NUMBER can be between 1 to 87.

For other Health Care Provider episodes, it is a sequence number for a CONSULTANT/PATIENT combination; or it is a sequence number for each Sexual Health and HIV Episode.

EPISODE NUMBER is used by the Secondary Uses Service to derive the Healthcare Resource Group 4. Failure to correctly populate this data element is likely to result in an incorrect Healthcare Resource Group, usually associated with lower levels of healthcare resource.

For further information, please refer to the NHS Digital website at: Payment by Results Guidance.

Note: the Default Code description for 99 - Not known has been updated. The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct. Notes:

The Default Code description for 99 - Not known has been updated. The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### GASTRO-INTESTINAL SUPPORT DAYS

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more days of gastro-intestinal support
	999 - occurred but day count not known
	999 - Occurred but day count not known

#### Notes:

The total number of days that the PATIENT received gastro-intestinal system support during a CRITICAL CARE PERIOD, ranging from 000 to 997 days. GASTRO-INTESTINAL SUPPORT DAYS is the same as attribute ACTIVITY DURATION.

This is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 07 'Gastrointestinal Support' within the CRITICAL CARE PERIOD. GASTRO-INTESTINAL SUPPORT DAYS is the total number of days that the PATIENT received gastro-intestinal system support during a CRITICAL CARE PERIOD, ranging from 0 to 997 days.

GASTRO-INTESTINAL SUPPORT DAYS is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 'Gastrointestinal Support' within the CRITICAL CARE PERIOD.

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

#### GESTATION LENGTH (ASSESSMENT)

---

Change to Data Element: Changed Description

Format/Length:	n2
Format/Length:	an2
National Codes:	
Default Codes:	99 - Not known

#### Notes:

GESTATION LENGTH (ASSESSMENT) is the same as attribute GESTATION LENGTH IN WEEKS.

GESTATION LENGTH (ASSESSMENT) records a period of between 10 to 49 weeks in completed weeks that is a clinical assessment of GESTATION LENGTH IN WEEKS.

---

#### GESTATION LENGTH (AT DELIVERY)

---

Change to Data Element: Changed Description

Format/Length:	n2
Format/Length:	an2
National Codes:	
Default Codes:	99 - Not known

**Notes:**

[GESTATION LENGTH \(AT DELIVERY\)](#) is the same as attribute [GESTATION LENGTH IN WEEKS](#) and records a period of between 10 to 49 weeks in completed weeks at delivery. Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**GESTATION LENGTH (LABOUR ONSET)**

Change to Data Element: Changed Description

Format/Length:	n2
Format/Length:	an2
National Codes:	
Default Codes:	99 - Not known

**Notes:**

[GESTATION LENGTH \(LABOUR ONSET\)](#) is the same as attribute [GESTATION LENGTH IN WEEKS](#).

[GESTATION LENGTH \(LABOUR ONSET\)](#) records a period of between 10 to 49 weeks in completed weeks at the onset of labour.

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

**HOSPITAL PROVIDER SPELL IDENTIFIER**

Change to Data Element: New Data Element

**This item is being used for development purposes and has not yet been approved.**

**This data element is also known by these names:**

Context	Alias
plural	HOSPITAL PROVIDER SPELL IDENTIFIERS

---

**HOSPITAL PROVIDER SPELL IDENTIFIER**

Change to Data Element: New Data Element

**HOSPITAL PROVIDER SPELL IDENTIFIER**

Attribute:

ACTIVITY IDENTIFIER
---------------------

---

**HOSPITAL PROVIDER SPELL NUMBER**

Change to Data Element: Changed Description

Format/Length:	an12
Format/Length:	max an12
National Codes:	
Default Codes:	

**Notes:**

[HOSPITAL PROVIDER SPELL NUMBER](#) is the same as attribute [ACTIVITY IDENTIFIER](#).

A [HOSPITAL PROVIDER SPELL NUMBER](#) is a unique identifier for each [Hospital Provider Spell](#) for a [Health Care Provider](#).

[HOSPITAL PROVIDER SPELL NUMBER](#) is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group 4](#). Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in [Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements"](#). The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

**[HOSPITAL PROVIDER SPELL NUMBER](#) will be replaced with [HOSPITAL PROVIDER SPELL IDENTIFIER](#), which is the most recent approved national information standard to describe the required definition.**

---

## LIVER SUPPORT DAYS

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more days of liver support <del>999 - occurred but day count not known</del> 999 - Occurred but day count not known

### Notes:

LIVER SUPPORT DAYS is the total number of days that the PATIENT received liver support during a CRITICAL CARE PERIOD, ranging from 000 to 997 days. LIVER SUPPORT DAYS is the same as attribute ACTIVITY DURATION.

LIVER SUPPORT DAYS is the total number of days that the PATIENT received liver support during a CRITICAL CARE PERIOD, ranging from 0 to 997 days.

LIVER SUPPORT DAYS is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 'Liver Support' within the CRITICAL CARE PERIOD.

LIVER SUPPORT DAYS is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group 4](#). Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

## NEUROLOGICAL SUPPORT DAYS

---

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	998 - 998 or more days of neurological support <del>999 - occurred but day count not known</del> 999 - Occurred but day count not known

### Notes:

NEUROLOGICAL SUPPORT DAYS is the total number of days that the PATIENT received neurological system support during a CRITICAL CARE PERIOD, ranging from 000 to 999 days. NEUROLOGICAL SUPPORT DAYS is the same as attribute ACTIVITY DURATION.

NEUROLOGICAL SUPPORT DAYS is total number of days that the PATIENT received neurological system support during a CRITICAL CARE PERIOD, ranging from 0 to 997 days.

NEUROLOGICAL SUPPORT DAYS is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 'Neurological Support' within the CRITICAL CARE PERIOD.

NEUROLOGICAL SUPPORT DAYS is used by the [Secondary Uses Service](#) to derive the [Healthcare Resource Group 4](#). Failure to correctly populate this data element is likely to result in an incorrect [Healthcare Resource Group](#), usually associated with lower levels of healthcare resource.

For further information, please refer to the [NHS Digital](#) website at: [Payment by Results Guidance](#).

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

---

## NHS SERVICE AGREEMENT LINE NUMBER

---

Change to Data Element: Changed Description

Format/Length:	an10
Format/Length:	max an10
National Codes:	
Default Codes:	

### Notes:

NHS SERVICE AGREEMENT LINE NUMBER is the same as attribute NHS SERVICE AGREEMENT LINE NUMBER.

The [NHS SERVICE AGREEMENT LINE NUMBERS](#) may be used to identify a specific [NHS SERVICE AGREEMENT](#) reference where the main identifier refers to a general omnibus agreement. [NHS SERVICE AGREEMENT LINE NUMBER](#) may be used to identify a specific [NHS SERVICE AGREEMENT](#) reference where the main identifier refers to a general omnibus agreement.

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

#### ORGAN SUPPORT MAXIMUM

Change to Data Element: Changed Description, linked Attribute

Format/Length:	n2
Format/Length:	an2
National Codes:	
Default Codes:	

#### Notes:

The maximum number of [ORGAN SYSTEMS SUPPORTED](#) on any one day during a [CRITICAL CARE PERIOD](#). Each organ system can only be counted once on any calendar day. Both basic and advanced categories cannot be counted at the same time. The number of organ systems supported can be between 00 to 07, although for the purposes of recording on the Commissioning Data Set messages Gastro intestinal support days are not recorded so the maximum is effectively 06. [ORGAN SUPPORT MAXIMUM](#) is the same as attribute [ORGAN SUPPORT MAXIMUM](#).

This is derived by counting the maximum number of [ACTIVITY PROPERTIES](#) where the [ORGAN SYSTEM SUPPORTED](#) is different, for each day of the [CRITICAL CARE PERIOD](#) and reporting the highest number. Each [ACTIVITY PROPERTY](#) will have one or more [ACTIVITY PROPERTY EFFECTIVE DATES](#) and [ACTIVITY PROPERTY END DATES](#) within the [CRITICAL CARE PERIOD](#). Both basic and advanced categories cannot be counted at the same time therefore the maximum number of systems supported is 7. Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

#### ORGAN SUPPORT MAXIMUM

Change to Data Element: Changed Description, linked Attribute

ORGAN SUPPORT MAXIMUM	
Attribute:	
	<a href="#">CLINICAL INVESTIGATION RESULT VALUE</a>
	<a href="#">ORGAN SUPPORT MAXIMUM</a>

#### OUTPATIENT ATTENDANCE IDENTIFIER

Change to Data Element: New Data Element

**This item is being used for development purposes and has not yet been approved.**

#### This data element is also known by these names:

Context	Alias
plural	OUTPATIENT ATTENDANCE IDENTIFIERS

#### OUTPATIENT ATTENDANCE IDENTIFIER

Change to Data Element: New Data Element

OUTPATIENT ATTENDANCE IDENTIFIER	
Attribute:	
	<a href="#">ACTIVITY IDENTIFIER</a>

#### PROVIDER REFERENCE NUMBER

Change to Data Element: Changed Description

Format/Length:	an17
Format/Length:	max an17
National Codes:	
Default Codes:	

#### Notes:

[PROVIDER REFERENCE NUMBER](#) is the same as attribute [PROVIDER REFERENCE NUMBER](#). [PROVIDER REFERENCE NUMBER](#) is the same as

attribute PROVIDER REFERENCE NUMBER Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

**RENAL SUPPORT DAYS**

Change to Data Element: Changed Description

Format/Length:	n3
Format/Length:	max an3
National Codes:	
Default Codes:	000 - 007 days
	998 - 998 or more days of renal support
	999 - occurred but day count not known
Default Codes:	998 - 998 or more days of renal support
	999 - Occurred but day count not known

**Notes:**

RENAL SUPPORT DAYS is the total number of days that the PATIENT received renal system support during a CRITICAL CARE PERIOD. RENAL SUPPORT DAYS is the same as attribute ACTIVITY DURATION.

This is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 05 'Renal Support' within the CRITICAL CARE PERIOD. RENAL SUPPORT DAYS is the total number of days that the PATIENT received renal system support during a CRITICAL CARE PERIOD, ranging from 0 to 997 days.

RENAL SUPPORT DAYS is derived from the difference between the ACTIVITY PROPERTY EFFECTIVE DATE and the ACTIVITY PROPERTY END DATE for all ACTIVITY PROPERTIES where the ORGAN SYSTEM SUPPORTED is National Code 'Renal Support' within the CRITICAL CARE PERIOD.

RENAL SUPPORT DAYS is used by the Secondary Uses Service to derive the Healthcare Resource Group 4. Failure to correctly populate this data element is likely to result in an incorrect Healthcare Resource Group, usually associated with lower levels of healthcare resource.

For further information, please refer to the NHS Digital website at: Payment by Results Guidance.

Note: the Format/Length has been updated in Data Dictionary Change Notice 1808 "Correction of Format/Length Data Elements". The Data Set specifications that contain this item will be updated in the next version of the Information Standard where it is not already correct.

**COMMISSIONING DATA SET VERSION 6-2-1 XML SCHEMA CONSTRAINTS**

Change to XML Schema Constraint: Changed Description

XML Schema constraints applied to the:

- [CDS V6-2-1 Type 011 - Emergency Care Commissioning Data Set](#)
- [CDS V6-2-1 Type 001 - Commissioning Data Set Interchange Header](#)
- [CDS V6-2-1 Type 002 - Commissioning Data Set Interchange Trailer](#)
- [CDS V6-2-1 Type 003 - Commissioning Data Set Message Header](#)
- [CDS V6-2-1 Type 004 - Commissioning Data Set Message Trailer](#)
- [CDS V6-2-1 Type 005B - Commissioning Data Set Transaction Header Group - Bulk Update Protocol](#)
- [CDS V6-2-1 Type 005N - Commissioning Data Set Transaction Header Group - Net Change Protocol](#)

The "Allowed Values" column indicates the NHS Data Model and Dictionary National Codes and Default Codes present in the XML Schema:

- None = The National Codes and Default Codes are included in the XML Schema
- Removed = The National Codes and Default Codes are not included in the XML Schema.

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment / XML Choice
<a href="#">ACTIVITY TREATMENT FUNCTION CODE (DECISION TO ADMIT)</a>	None	Removed	None	None	National Codes not enumerated in the XML Schema
<a href="#">AGE AT CDS ACTIVITY DATE</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">CDS COPY RECIPIENT IDENTITY</a>	min an3 max an12	Removed	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">CDS COPY RECIPIENT IDENTITY</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes

<a href="#">CDS INTERCHANGE APPLICATION REFERENCE</a>	min an1 max an14	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	None	0,1	None	None	Existing Format/Length states an14 - XML Schema allows min an1 max an14
<a href="#">CDS INTERCHANGE CONTROL COUNT</a>	max n7	None	Null value not allowed in XML Schema		
<a href="#">CDS MESSAGE VERSION NUMBER</a>	an6	CDS062	None	None	Existing Format/Length states n7 - XML Schema allows max n7
<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	min an1 max an14	None	None	None	Existing Format/Length states an14 - XML Schema allows min an1 max an14
<a href="#">CDS INTERCHANGE SENDER IDENTITY</a>	min an1 max an15	None	None	None	Existing Format/Length states an15 - XML Schema allows min an1 max an15
<a href="#">CDS INTERCHANGE RECEIVER IDENTITY</a>	min an1 max an15	None	None	None	Existing Format/Length states an15 - XML Schema allows min an1 max an15
<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	None	0,1	None	None	Null value not allowed in XML Schema
<a href="#">CDS MESSAGE REFERENCE</a>	max n7	None	None	None	Existing Format/Length states an14 - XML Schema allows max n7 to support <a href="#">SUS</a> requirements
<a href="#">CDS MESSAGE VERSION NUMBER</a>	an6	CDS062	None	None	Message version is hard coded in the XML Schema
<a href="#">CDS PRIME RECIPIENT IDENTITY</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">CDS RECORD IDENTIFIER</a>	min an1 max an35	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">CDS SENDER IDENTITY</a>	min an3 max an12	None	None	None	Existing Format/Length states an35 - XML Schema allows min an1 max an35
<a href="#">CDS SENDER IDENTITY</a>	min an3 max an12	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">CODED CLINICAL ENTRY SEQUENCE NUMBER</a>	max n5	None	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">CDS UNIQUE IDENTIFIER</a>	min an1 max an35	None	Existing Format/Length states min n1 max n5 - XML Schema allows max n5		
<a href="#">EMERGENCY CARE ATTENDANCE IDENTIFIER</a>	max an12	None	None	None	Existing Format/Length states an35 - XML Schema allows min an1 max an35
<a href="#">CODED CLINICAL ENTRY SEQUENCE NUMBER</a>	max n5	None	None	None	Existing Format/Length states min n1 max n5 - XML Schema allows max n5
<a href="#">COMMISSIONER REFERENCE NUMBER</a>	max an17	None	None	None	Existing Format/Length states an17 - XML Schema allows max an17
<a href="#">COMMISSIONING SERIAL NUMBER</a>	max an6	None	None	None	Existing Format/Length states an6 - XML Schema allows max an6
<a href="#">EMERGENCY CARE ATTENDANCE IDENTIFIER</a>	max an12	None	None	None	Existing Format/Length states min an1 max an12 - XML Schema allows max an12
<a href="#">EMERGENCY CARE DEPARTMENT TYPE</a>	None	Removed	None	None	National Codes not enumerated in the XML Schema
<a href="#">EMERGENCY CARE PLACE OF INJURY (LATITUDE)</a>	None	None	-90.000000-90.000000	None	Range applied to allow correct reporting of <a href="#">EMERGENCY CARE PLACE OF INJURY (LATITUDE)</a>
<a href="#">EMERGENCY CARE PLACE OF INJURY (LONGITUDE)</a>	None	None	-180.000000-180.000000	None	Range applied to allow correct reporting of <a href="#">EMERGENCY CARE PLACE OF INJURY (LONGITUDE)</a>
<a href="#">ETHNIC CATEGORY</a>	max an2	None	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be for local use. Format/Length amended to max an2
<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema

<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>	None	Removed	None	None	National Codes and default codes not enumerated in the XML Schema
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	max an10	None	National Codes and default codes not enumerated in the XML Schema		
<a href="#">ORGANISATION IDENTIFIER (CODE OF COMMISSIONER)</a>	None	Removed	None	None	Existing Format/Length states an10 - XML Schema allows max an10
<a href="#">ORGANISATION IDENTIFIER (CODE OF COMMISSIONER)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION IDENTIFIER (CODE OF PROVIDER)</a>	min an3 max an5	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION IDENTIFIER (RESIDENCE RESPONSIBILITY)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (DISCHARGE FROM EMERGENCY CARE)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (EMERGENCY CARE ATTENDANCE SOURCE)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">PROVIDER REFERENCE NUMBER</a>	max an17	None	Default codes not enumerated in the XML Schema		
<a href="#">WAITING TIME MEASUREMENT TYPE</a>	None	01,02,09	None	None	Existing Format/Length states an17 - XML Schema allows max an17
<a href="#">WAITING TIME MEASUREMENT TYPE</a>	None	01,02,09	None	None	National Codes 03 and 04 not valid in Commissioning Data Sets

**COMMISSIONING DATA SET VERSION 6-2-2 XML SCHEMA CONSTRAINTS**

Change to XML Schema Constraint: Changed Description

XML Schema constraints applied to the:

- [CDS V6-2-2 Type 011 - Emergency Care CDS](#)
- [CDS V6-2-2 Type 001 - CDS Interchange Header](#)
- [CDS V6-2-2 Type 002 - CDS Interchange Trailer](#)
- [CDS V6-2-2 Type 003 - CDS Message Header](#)
- [CDS V6-2-2 Type 004 - CDS Message Trailer](#)
- [CDS V6-2-2 Type 005B - CDS Transaction Header Group - Bulk Update Protocol](#)
- [CDS V6-2-2 Type 005N - CDS Transaction Header Group - Net Change Protocol](#)

The "Allowed Values" column indicates the NHS Data Model and Dictionary National Codes and Default Codes present in the XML Schema:

- None = The National Codes and Default Codes are included in the XML Schema
- Removed = The National Codes and Default Codes are not included in the XML Schema.

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment / XML Choice
<a href="#">ACTIVITY TREATMENT FUNCTION CODE (DECISION TO ADMIT)</a>	None	Removed	None	None	National Codes not enumerated in the XML Schema
<a href="#">AGE AT CDS ACTIVITY DATE</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">CDS COPY RECIPIENT IDENTITY</a>	min an3 max an12	Removed	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">CDS COPY RECIPIENT IDENTITY</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">CDS ORGANISATION CODE</a> changes

<a href="#">CDS INTERCHANGE APPLICATION REFERENCE</a>	min an1 max an14	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	None	0,1	None	None	Existing Format/Length states an14 – XML Schema allows min an1 max an14
<a href="#">CDS INTERCHANGE CONTROL COUNT</a>	max n7	None	Null value not allowed in XML Schema		
<a href="#">CDS MESSAGE VERSION NUMBER</a>	an6	CDS062	None	None	Existing Format/Length states n7 – XML Schema allows max n7
<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	min an1 max an14	None	None	None	Existing Format/Length states an14 – XML Schema allows min an1 max an14
<a href="#">CDS INTERCHANGE SENDER IDENTITY</a>	min an1 max an15	None	None	None	Existing Format/Length states an15 – XML Schema allows min an1 max an15
<a href="#">CDS INTERCHANGE RECEIVER IDENTITY</a>	min an1 max an15	None	None	None	Existing Format/Length states an15 – XML Schema allows min an1 max an15
<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	None	0,1	None	None	Null value not allowed in XML Schema
<a href="#">CDS MESSAGE REFERENCE</a>	max n7	None	None	None	Existing Format/Length states an14 – XML Schema allows max n7 to support <a href="#">SUS</a> requirements
<a href="#">CDS MESSAGE VERSION NUMBER</a>	an6	CDS062	None	None	Message version is hard coded in the XML Schema
<a href="#">CDS PRIME RECIPIENT IDENTITY</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">CDS RECORD IDENTIFIER</a>	min an1 max an35	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">CDS SENDER IDENTITY</a>	min an3 max an12	None	None	None	Existing Format/Length states an35 – XML Schema allows min an1 max an35
<a href="#">CDS SENDER IDENTITY</a>	min an3 max an12	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">EMERGENCY CARE PLACE OF INJURY (LATITUDE)</a>	None	None	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">CDS UNIQUE IDENTIFIER</a>	min an1 max an35	None	None	None	Existing Format/Length states an35 – XML Schema allows min an1 max an35
<a href="#">COMMISSIONER REFERENCE NUMBER</a>	max an17	None	None	None	Existing Format/Length states an17 – XML Schema allows max an17
<a href="#">COMMISSIONING SERIAL NUMBER</a>	max an6	None	None	None	Existing Format/Length states an6 – XML Schema allows max an6
<a href="#">EMERGENCY CARE PLACE OF INJURY (LATITUDE)</a>	None	None	-90.000000-90.000000	None	Range applied to allow correct reporting of <a href="#">EMERGENCY CARE PLACE OF INJURY (LATITUDE)</a>
<a href="#">EMERGENCY CARE PLACE OF INJURY (LONGITUDE)</a>	None	None	-180.000000-180.000000	None	Range applied to allow correct reporting of <a href="#">EMERGENCY CARE PLACE OF INJURY (LONGITUDE)</a>
<a href="#">ETHNIC CATEGORY</a>	max an2	None	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be for local use. Format/Length amended to max an2
<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>	None	Removed	None	None	National Codes and default codes not enumerated in the XML Schema
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	max an10	None	National Codes and default codes not enumerated in the XML Schema		
<a href="#">ORGANISATION IDENTIFIER (CODE OF COMMISSIONER)</a>	None	Removed	None	None	Existing Format/Length states an10 – XML Schema allows max an10
<a href="#">ORGANISATION IDENTIFIER (CODE OF COMMISSIONER)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
	min an3 max an5	Removed	None	None	



<a href="#">ORGANISATION IDENTIFIER (CODE OF PROVIDER)</a>					Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION IDENTIFIER (RESIDENCE RESPONSIBILITY)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (DISCHARGE FROM EMERGENCY CARE)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (EMERGENCY CARE ATTENDANCE SOURCE)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">OVERSEAS VISITOR CHARGING CATEGORY AT CDS ACTIVITY DATE</a>	None	A,B,C,D,E,F,P,9	None	None	National Code X is not valid in <a href="#">CDS V6-2-2 Type 011 - Emergency Care CDS</a>
<a href="#">POSTCODE OF USUAL ADDRESS</a>	min an2 max an8	None	None	None	Existing Format/Length states max an8 - XML Schema allows min an2 max an8
<a href="#">PROFESSIONAL REGISTRATION ENTRY IDENTIFIER</a>	min an1 max an32	None	None	None	Existing Format/Length states max an32 - XML Schema allows min an1 max an32
<a href="#">PROVIDER REFERENCE NUMBER</a>	max an17	None	Existing Format/Length states max an32 - XML Schema allows min an1 max an32		
<a href="#">WAITING TIME MEASUREMENT TYPE</a>	None	01,02,09	None	None	Existing Format/Length states an17 - XML Schema allows max an17
<a href="#">WAITING TIME MEASUREMENT TYPE</a>	None	01,02,09	None	None	National Codes 03 and 04 not valid in Commissioning Data Sets

#### COMMISSIONING DATA SET VERSION 6-2-3 XML SCHEMA CONSTRAINTS

Change to XML Schema Constraint: Changed Description

XML Schema constraints applied to the:

- [CDS V6-2-3 Type 011 - Emergency Care CDS](#)
- [CDS V6-2-3 Type 001 - CDS Interchange Header](#)
- [CDS V6-2-3 Type 002 - CDS Interchange Trailer](#)
- [CDS V6-2-3 Type 003 - CDS Message Header](#)
- [CDS V6-2-3 Type 004 - CDS Message Trailer](#)
- [CDS V6-2-3 Type 005B - CDS Transaction Header Group - Bulk Update Protocol](#)
- [CDS V6-2-3 Type 005N - CDS Transaction Header Group - Net Change Protocol](#)

The "Allowed Values" column indicates the NHS Data Model and Dictionary National Codes and Default Codes present in the XML Schema:

- None = The National Codes and Default Codes are included in the XML Schema
- Removed = The National Codes and Default Codes are not included in the XML Schema.

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment / XML Choice
<a href="#">ACTIVITY TREATMENT FUNCTION CODE (DECISION TO ADMIT)</a>	None	Removed	None	None	National Codes not enumerated in the XML Schema
<a href="#">AGE AT CDS ACTIVITY DATE</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">CDS INTERCHANGE APPLICATION REFERENCE</a>	min an1 max an14	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	None	0,1	None	None	Existing Format/Length states an14 - XML Schema allows min an1 max an14
<a href="#">CDS INTERCHANGE CONTROL COUNT</a>	max n7	None	Null value not allowed in XML Schema		

<a href="#">CDS MESSAGE VERSION NUMBER</a>	an6	CDS062	None	None	Existing Format/Length states n7 – XML Schema allows max n7
<a href="#">CDS INTERCHANGE CONTROL REFERENCE</a>	min an1 max an14	None	Message version is hard coded in the XML Schema		
<a href="#">EMERGENCY CARE DEPARTMENT TYPE</a>	an2	Removed	None	None	Existing Format/Length states an14 – XML Schema allows min an1 max an14
<a href="#">CDS INTERCHANGE SENDER IDENTITY</a>	min an1 max an15	None	None	None	Existing Format/Length states an15 – XML Schema allows min an1 max an15
<a href="#">CDS INTERCHANGE RECEIVER IDENTITY</a>	min an1 max an15	None	None	None	Existing Format/Length states an15 – XML Schema allows min an1 max an15
<a href="#">CDS INTERCHANGE TEST INDICATOR</a>	None	0,1	None	None	Null value not allowed in XML Schema
<a href="#">CDS MESSAGE REFERENCE</a>	max n7	None	None	None	Existing Format/Length states an14 – XML Schema allows max n7 to support <a href="#">SUS</a> requirements
<a href="#">CDS MESSAGE VERSION NUMBER</a>	an6	CDS062	None	None	Message version is hard coded in the XML Schema
<a href="#">CDS RECORD IDENTIFIER</a>	min an1 max an35	None	None	None	Existing Format/Length states an35 – XML Schema allows min an1 max an35
<a href="#">CDS UNIQUE IDENTIFIER</a>	min an1 max an35	None	None	None	Existing Format/Length states an35 – XML Schema allows min an1 max an35
<a href="#">COMMISSIONER REFERENCE NUMBER</a>	max an17	None	None	None	Existing Format/Length states an17 – XML Schema allows max an17
<a href="#">COMMISSIONING SERIAL NUMBER</a>	max an6	None	None	None	Existing Format/Length states an6 – XML Schema allows max an6
<a href="#">EMERGENCY CARE DEPARTMENT TYPE</a>	an2	Removed	None	None	National Codes not enumerated in the XML Schema
<a href="#">EMERGENCY CARE PLACE OF INJURY (LATITUDE)</a>	None	None	-90.000000-90.000000	None	Range applied to allow correct reporting of <a href="#">EMERGENCY CARE PLACE OF INJURY (LATITUDE)</a>
<a href="#">EMERGENCY CARE PLACE OF INJURY (LONGITUDE)</a>	None	None	-180.000000-180.000000	None	Range applied to allow correct reporting of <a href="#">EMERGENCY CARE PLACE OF INJURY (LONGITUDE)</a>
<a href="#">ETHNIC CATEGORY</a>	max an2	None	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be for local use. Format/Length amended to max an2
<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>	None	Removed	None	None	National Codes and default codes not enumerated in the XML Schema
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	max an10	None	National Codes and default codes not enumerated in the XML Schema		
<a href="#">ORGANISATION IDENTIFIER (CODE OF COMMISSIONER)</a>	None	Removed	None	None	Existing Format/Length states an10 – XML Schema allows max an10
<a href="#">ORGANISATION IDENTIFIER (CODE OF COMMISSIONER)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION IDENTIFIER (CODE OF PROVIDER)</a>	min an3 max an5	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION IDENTIFIER (RESIDENCE RESPONSIBILITY)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (DISCHARGE FROM EMERGENCY CARE)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">ORGANISATION SITE IDENTIFIER (EMERGENCY CARE ATTENDANCE SOURCE)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema

<a href="#">ORGANISATION SITE IDENTIFIER (OF TREATMENT)</a>	None	Removed	None	None	Default codes not enumerated in the XML Schema
<a href="#">OVERSEAS VISITOR CHARGING CATEGORY AT CDS ACTIVITY DATE</a>	None	A,B,C,D,E,F,P,9	None	None	National Code X is not valid in <a href="#">CDS V6-2-3 Type 011 - Emergency Care CDS</a>
<a href="#">POSTCODE OF USUAL ADDRESS</a>	min an2 max an8	None	None	None	Existing Format/Length states max an8 - XML Schema allows min an2 max an8
<a href="#">PROFESSIONAL REGISTRATION ENTRY IDENTIFIER</a>	min an1 max an32	None	None	None	<del>Existing Format/Length states max an32 - XML Schema allows min an1 max an32</del>
<a href="#">PROVIDER REFERENCE NUMBER</a>	max an17	None	Existing Format/Length states max an32 - XML Schema allows min an1 max an32		
<a href="#">WAITING TIME MEASUREMENT TYPE</a>	None	01,02,09	None	None	<del>Existing Format/Length states an17 - XML Schema allows max an17</del>
<a href="#">WAITING TIME MEASUREMENT TYPE</a>	None	01,02,09	None	None	National Codes 03 and 04 not valid in Commissioning Data Sets

**COMMISSIONING DATA SET VERSION 6-2 XML SCHEMA CONSTRAINTS**

Change to XML Schema Constraint: Changed Description

XML Schema constraints applied to the [Commissioning Data Sets V6-2](#).

The "Allowed Values" column indicates the NHS Data Model and Dictionary National Codes and Default Codes present in the XML Schema:

- None = The National Codes and Default Codes are included in the XML Schema
- Removed = The National Codes and Default Codes are not included in the XML Schema.

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment XML Choice
<a href="#">ACTIVITY LOCATION TYPE CODE</a>	None	A01,A02,A03,A04,B01,B02,C01,C02,C03,D01,D02,D03,E01,E02,E03,E04,E99,F01,G01,G02,G03,H01,J01,K01,K02,L01,L02,L03,L04,L05,L06,L99,M01,M02,M03,M04,M05,N01,N02,N03,N04,N05,X01	None	None	National Code G04 removed (not allowed in XML Schema)
<a href="#">ADVANCED CARDIOVASCULAR SUPPORT DAYS</a>	max n3	None	None	None	<del>Existing Format/Length states n3 - XML Schema allows max n3</del>
<a href="#">ADVANCED RESPIRATORY SUPPORT DAYS</a>	max n3	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">ADVANCED RESPIRATORY SUPPORT DAYS</a>	max n3	None	None	None	<del>Existing Format/Length states n3 - XML Schema allows max n3</del>
<a href="#">AGE AT CDS ACTIVITY DATE</a>	max n3	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">AGE AT CDS ACTIVITY DATE</a>	max n3	None	None	None	<del>Existing Format/Length states n3 - XML Schema allows max n3</del>
<a href="#">AGE AT CENSUS</a>	max n3	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">AGE AT CENSUS</a>	max n3	None	None	None	<del>Existing Format/Length states n3 - XML Schema allows max n3</del>
<a href="#">AGE ON ADMISSION</a>	max n3	None	None	None	<del>Existing Format/Length states n3 - XML Schema allows max n3</del>
<a href="#">ATTENDANCE IDENTIFIER</a>	max an12	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">ATTENDANCE IDENTIFIER</a>	max an12	None	None	None	<del>Existing Format/Length states an12 - XML Schema allows max an12</del>
<a href="#">BASIC CARDIOVASCULAR SUPPORT DAYS</a>	max n3	None	None	None	<del>Existing Format/Length states n3 - XML Schema allows max n3</del>
	max n3	None			

<a href="#">BASIC RESPIRATORY SUPPORT DAYS</a>			Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">BASIC RESPIRATORY SUPPORT DAYS</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">BIRTH WEIGHT</a>	max n4	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">BIRTH WEIGHT</a>	max n4	None	None	None	Existing Format/Length states n4 - XML Schema allows max n4
<a href="#">CARE PROFESSIONAL MAIN SPECIALTY CODE</a>	None	100,101,110,120,130,140,141,142,143,145,146,147,148,149,	Existing Format/Length states max an4 - XML Schema allows max n4		
<a href="#">CARE PROFESSIONAL MAIN SPECIALTY CODE</a>	None	100,101,110,120,130,140,141,142,143,145,146,147,148,149,150,160,170,171,180,190,192,300,301,302,303,304,305,310,311,312,313,314,315,320,321,325,326,330,340,350,352,360,361,370,371,400,401,410,420,421,430,450,451,460,501,502,504,560,600,601,700,710,711,712,713,715,800,810,820,821,822,823,824,830,831,833,834,900,901,902,903,904,950,960,199,499	None	None	National Code 500 removed (not allow XML Schema)
<a href="#">CDS COPY RECIPIENT IDENTITY</a>	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">CDS MESSAGE REFERENCE</a>	max n7	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">CDS INTERCHANGE APPLICATION REFERENCE</a>	max an14	None	None	None	Existing Format/Length states n7 - XML Schema accepts max n7
<a href="#">CDS MESSAGE VERSION NUMBER</a>	None	CDS062	Existing Format/Length states min an1 max an14 - XML Schema allows max an14		
<a href="#">CDS INTERCHANGE RECEIVER IDENTITY</a>	max an15	None	None	None	Message version is coded in the XML Schema
<a href="#">CDS PRIME RECIPIENT IDENTITY</a>	min an3 max an12	Removed	Existing Format/Length states min an1 max an15 - XML Schema allows max an15		
<a href="#">CDS INTERCHANGE SENDER IDENTITY</a>	max an15	None	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">CDS SENDER IDENTITY</a>	min an3 max an12	None	Existing Format/Length states min an1 max an15 - XML Schema allows max an15		
<a href="#">CDS MESSAGE REFERENCE</a>	max n7	None	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">CDS UNIQUE IDENTIFIER</a>	max an35	None	Existing Format/Length states max an7 - XML Schema allows max n14 but SUS accepts max n7		
<a href="#">CDS MESSAGE VERSION NUMBER</a>	None	CDS062	None	None	Existing Format/Length states an35 - XML Schema allows max an35
<a href="#">COMMISSIONER REFERENCE NUMBER</a>	max an17	None	Message version is hard coded in the XML Schema		
<a href="#">CDS PRIME RECIPIENT IDENTITY</a>	min an3 max an12	Removed	None	None	Existing Format/Length states an17 - XML Schema allows max an17
<a href="#">COMMISSIONING SERIAL NUMBER</a>	max an6	None	Field size extended to future proof for		

			ODS ORGANISATION CODE changes		
<a href="#">CDS RECORD IDENTIFIER</a>	max an35	None	None	None	Existing Format/Length states an6 - XML Schema allows max an6
<a href="#">CONSULTATION MEDIUM USED</a>	None	01,02,03,04	Existing Format/Length states min an1 max an35 - XML Schema allows max an35		
<a href="#">CDS SENDER IDENTITY</a>	min an3 max an12	None	None	None	National Codes 05 and 98 are not used in CDS version 6-2
<a href="#">COUNT OF DAYS SUSPENDED</a>	max n4	None	Field size extended to future proof for ODS ORGANISATION CODE changes		
<a href="#">CDS UNIQUE IDENTIFIER</a>	max an35	None	None	None	Existing Format/Length states min an1 max an35 - XML Schema allows max an35
<a href="#">CONSULTATION MEDIUM USED</a>	None	01,02,03,04	None	None	National Codes 05, 07, 08 and 98 are used in CDS version 6-2
<a href="#">COUNT OF DAYS SUSPENDED</a>	max n4	None	None	None	Existing Format/Length states n4 - XML Schema allows max n4
<a href="#">CRITICAL CARE ACTIVITY CODE</a>	None	01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,21,22,23,24,25,26,27,28,29,50,51,52,53,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,99	None	None	National Codes 80, 82, 83, 84, 85, 94, 96 and 97 removed (allowed in the XML Schema)
<a href="#">CRITICAL CARE LEVEL 2 DAYS</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">CRITICAL CARE LEVEL 3 DAYS</a>	max n3	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">CRITICAL CARE LEVEL 3 DAYS</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">CRITICAL CARE LOCAL IDENTIFIER</a>	max an8	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">DERMATOLOGICAL SUPPORT DAYS</a>	max n3	None	None	None	Existing Format/Length states an8 - XML Schema allows max an8
<a href="#">DERMATOLOGICAL SUPPORT DAYS</a>	max n3	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">DISCHARGE METHOD CODE (HOSPITAL PROVIDER SPELL)</a>	None	1,2,3,4,5,8,9	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">DISCHARGE METHOD CODE (HOSPITAL PROVIDER SPELL)</a>	None	1,2,3,4,5,8,9	National Codes 6 and 7 are not used in CDS version 6-2		
<a href="#">DURATION OF CARE TO PSYCHIATRIC CENSUS DATE</a>	max n5	None	None	None	National Codes 6 and 7 are not used in CDS version 6-2
<a href="#">DURATION OF CARE TO PSYCHIATRIC CENSUS DATE</a>	max n5	None	Existing Format/Length states n5 - XML Schema allows max n5		
<a href="#">DURATION OF DETENTION</a>	max n5	None	None	None	Existing Format/Length states n5 - XML Schema allows max n5
<a href="#">DURATION OF DETENTION</a>	max n5	None	Existing Format/Length states n5 - XML Schema allows max n5		
<a href="#">DURATION OF ELECTIVE WAIT</a>	max n4	None	None	None	Existing Format/Length states n5 - XML Schema allows max n5
<a href="#">DURATION OF ELECTIVE WAIT</a>	max n4	None			

			Existing Format/Length states max an4 - XML Schema allows max n4		
<a href="#">ELECTIVE ADMISSION LIST ENTRY NUMBER</a>	max an12	None	None	None	Existing Format/Length states n4 - XML Schema allows max n4
<a href="#">ELECTIVE ADMISSION LIST ENTRY NUMBER</a>	max an12	None	Existing Format/Length states an12 - XML Schema allows max an12		
<a href="#">ETHNIC CATEGORY</a>	max an2	None	None	None	Existing Format/Length states an12 - XML Schema allows max an12
<a href="#">EPISODE NUMBER</a>	max an2	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be for local use. Format/Length amended to max an2		
<a href="#">GASTRO-INTESTINAL SUPPORT DAYS</a>	max n3	None	None	None	Existing Format/Length states an2 - XML Schema allows max n3
<a href="#">ETHNIC CATEGORY</a>	max an2	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">GESTATION LENGTH (ASSESSMENT)</a>	n2	None	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be for local use. Format/Length amended to max an2
<a href="#">GASTRO-INTESTINAL SUPPORT DAYS</a>	max n3	None	Existing Format/Length states an2 - XML Schema allows n2		
<a href="#">GESTATION LENGTH (AT DELIVERY)</a>	n2	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">GENERAL MEDICAL PRACTITIONER PRACTICE (ANTENATAL CARE)</a>	min an3 max an12	Removed	Existing Format/Length states an2 - XML Schema allows n2		
<a href="#">GESTATION LENGTH (LABOUR ONSET)</a>	n2	None	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>	min an3 max an12	Removed	Existing Format/Length states an2 - XML Schema allows n2		
<a href="#">GENERAL MEDICAL PRACTITIONER PRACTICE (ANTENATAL CARE)</a>	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">GENERAL MEDICAL PRACTITIONER (ANTENATAL CARE)</a>	None	Removed	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>	min an3 max an12	Removed	None	None	National Codes are default codes not enumerated in the Schema
	None	Removed			

<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>			Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes		
<a href="#">GENERAL MEDICAL PRACTITIONER (ANTENATAL CARE)</a>	None	Removed	None	None	National Codes are default codes not enumerated in the Schema
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	National Codes and default codes not enumerated in the XML Schema		
<a href="#">GENERAL MEDICAL PRACTITIONER (SPECIFIED)</a>	None	Removed	None	None	Existing Format/Length states an12 - XML Schema allows max an12
<a href="#">INTENDED SITE CODE (OF TREATMENT)</a>	min an3 max an12	Removed	National Codes and default codes not enumerated in the XML Schema		
<a href="#">INTENDED SITE CODE (OF TREATMENT)</a>	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">LIVER SUPPORT DAYS</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">LOCAL PATIENT IDENTIFIER</a>	max an10	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">LOCAL PATIENT IDENTIFIER</a>	max an10	None	None	None	Existing Format/Length states an10 - XML Schema allows max an10
<a href="#">LOCAL PATIENT IDENTIFIER (BABY)</a>	max an10	None	None	None	Existing Format/Length states an10 - XML Schema allows max an10
<a href="#">LOCAL PATIENT IDENTIFIER (MOTHER)</a>	max an10	None	None	None	Existing Format/Length states an10 - XML Schema allows max an10
<a href="#">MENTAL HEALTH ACT LEGAL STATUS CLASSIFICATION CODE (AT CENSUS DATE)</a>	None	01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,31,32,34,35,36,37,38	None	None	Additional National Codes 37 and 38
<a href="#">MENTAL HEALTH ACT LEGAL STATUS CLASSIFICATION CODE (ON ADMISSION)</a>	None	01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,31,32,34,35,36,37,38	None	None	Additional National Codes 37 and 38
<a href="#">NEUROLOGICAL SUPPORT DAYS</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	max an10	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">ORGAN SUPPORT MAXIMUM</a>	n2	None	None	None	Existing Format/Length states an10 - XML Schema allows max an10
<a href="#">ORGAN SUPPORT MAXIMUM</a>	None	None	00-06	None	Range 00-06 allowed
<a href="#">ORGANISATION CODE (CODE OF COMMISSIONER)</a>	min an3 max an12	Removed	Existing Format/Length states an2 - XML Schema allows max n2. Range 00-06 allowed		
<a href="#">ORGANISATION CODE (CODE OF COMMISSIONER)</a>	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes

<a href="#">ORGANISATION CODE (CODE OF PROVIDER)</a>					<a href="#">ORGANISATION CODE</a> changes
<a href="#">ORGANISATION CODE (LOCAL PATIENT IDENTIFIER)</a>	min an3 max an12	None	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">ORGANISATION CODE (LOCAL PATIENT IDENTIFIER (BABY))</a>	min an3 max an12	None	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">ORGANISATION CODE (LOCAL PATIENT IDENTIFIER (MOTHER))</a>	min an3 max an12	None	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">ORGANISATION CODE (PATIENT PATHWAY IDENTIFIER (ISSUER))</a>	min an3 max an12	None	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">ORGANISATION CODE (RESIDENCE RESPONSIBILITY)</a>	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">PERSON WEIGHT</a>	n3.n3	None	None	None	Existing Format/Length states max n3.max XML Schema enforces digits before and after the decimal point - removed
<a href="#">PRIMARY DIAGNOSIS (READ)</a>	max an5	None	None	None	Existing Format/Length allowed for all clinical classifications - XML Schema allows max an5
<a href="#">PROVIDER REFERENCE NUMBER</a>	max an17	None	Existing Format/Length allows for all clinical classifications -XML Schema allows max an5		
<a href="#">REFERRER CODE</a>	None	Removed	None	None	Existing Format/Length states an17 - XML Schema allows max an17
<a href="#">REFERRER CODE</a>	None	Removed	None	None	National Codes are default codes not enumerated in the Schema
<a href="#">REFERRING ORGANISATION CODE</a>	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">RENAL SUPPORT DAYS</a>	max n3	None	None	None	Existing Format/Length states n3 - XML Schema allows max n3
<a href="#">SECONDARY DIAGNOSIS (READ)</a>	max an5	None	Existing Format/Length states max an3 - XML Schema allows max n3		
<a href="#">SECONDARY DIAGNOSIS (READ)</a>	max an5	None	None	None	Existing Format/Length allowed for all clinical classifications -XML Schema allows max an5
<a href="#">SITE CODE (OF TREATMENT)</a>	min an3 max an12	Removed	None	None	Field size extended future proof for <a href="#">ODS ORGANISATION SITE CODE</a> changes
<a href="#">SOURCE OF ADMISSION CODE (HOSPITAL PROVIDER SPELL)</a>	None	19,29,39,49,51,52,53,54,65,66,79,85,87,88	None	None	National Codes 40 and 42 are not used CDS version 6-2

COMMUNITY SERVICES DATA SET CONSTRAINTS

Change to XML Schema Constraint: Changed Description



Data Set constraints applied to the [Community Services Data Set](#).

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">ETHNIC CATEGORY</a>	max an2	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an2
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	max an40	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an40

#### DEVICES PATIENT LEVEL CONTRACT MONITORING DATA SET CONSTRAINTS

Change to XML Schema Constraint: Changed Description

Data Set constraints applied to the [Devices Patient Level Contract Monitoring Data Set](#). **This item is being used for development purposes and has not yet been approved.**

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an12
<a href="#">PROVIDER REFERENCE NUMBER</a>	max an17	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an17

#### DRUGS PATIENT LEVEL CONTRACT MONITORING DATA SET CONSTRAINTS

Change to XML Schema Constraint: Changed Description

Data Set constraints applied to the [Drugs Patient Level Contract Monitoring Data Set](#).

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">ATTENDANCE IDENTIFIER</a>	max an12	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an12
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an12
<a href="#">PROVIDER REFERENCE NUMBER</a>	max an17	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an17

#### HIV AND AIDS REPORTING DATA SET XML SCHEMA CONSTRAINTS

Change to XML Schema Constraint: Changed Description

XML Schema constraints applied to the [HIV and AIDS Reporting Data Set](#).

The "Allowed Values" column indicates the NHS Data Model and Dictionary National Codes and Default Codes present in the XML Schema:

- None = The National Codes and Default Codes are included in the XML Schema
- Removed = The National Codes and Default Codes are not included in the XML Schema.

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment / XML Choice
<a href="#">CONSULTATION MEDIUM USED</a>	None	01,02,03,04,05	None	None	National Code 06 and 98 not applicable - removed
<a href="#">COUNTRY CODE (BIRTH)</a>	None	None	National Code 06, 07, 08 and 98 not applicable - removed		
<a href="#">COUNTRY CODE (BIRTH)</a>	None	None	None	[A-Z][A-Z][A-Z]	Format pattern applied to allow correct reporting of <a href="#">COUNTRY CODE (BIRTH)</a>
<a href="#">COUNTRY CODE (HIV INFECTION)</a>	None	None	None	[A-Z][A-Z][A-Z]	Format pattern applied to allow correct reporting of <a href="#">COUNTRY CODE (HIV INFECTION)</a>
	None	None	None		

<a href="#">DATE AND TIME DATA SET CREATED</a>				(19 20)d\d-(0[1-9] 1[012])-(0[1-9] 1[12][0-9] 3[01])T((0[1-9] 1[0-9] 2[0-3]):([0-5][0-9]):([0-5][0-9]))	Format pattern applied to allow correct reporting of <a href="#">DATE AND TIME DATA SET CREATED</a>
<a href="#">ETHNIC CATEGORY</a>	max an2	None	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be for local use. Format/Length amended to max an2.
<a href="#">GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">HARS MESSAGE VERSION IDENTIFIER</a>	None	None	None	\d.\d.\d	Format pattern applied to allow correct reporting of <a href="#">HARS MESSAGE VERSION IDENTIFIER</a>
<a href="#">HARS SUBMISSION IDENTIFIER</a>	None	None	None	[0-9A-F]{8}-[0-9A-F]{4}-[0-9A-F]{4}-[0-9A-F]{12}	Format pattern applied to allow correct reporting of <a href="#">HARS SUBMISSION IDENTIFIER</a>
<a href="#">HARS UNIQUE IDENTIFIER</a>	None	None	None	[0-9A-F]{8}-[0-9A-F]{4}-[0-9A-F]{4}-[0-9A-F]{12}	Format pattern applied to allow correct reporting of <a href="#">HARS UNIQUE IDENTIFIER</a>
<a href="#">ORGANISATION CODE (CODE OF PROVIDER)</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">ORGANISATION CODE (CODE OF SUBMITTING ORGANISATION)</a>	min an3 max an12	None	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION CODE</a> changes
<a href="#">SITE CODE (OF PREVIOUS HIV CARE)</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION SITE CODE</a> changes
<a href="#">SITE CODE (OF TREATMENT)</a>	min an3 max an12	Removed	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION SITE CODE</a> changes
<a href="#">SITE CODE (REFERRED TO FOR SHARED HIV CARE)</a>	min an3 max an12	None	None	None	Field size extended to future proof for <a href="#">ODS ORGANISATION SITE CODE</a> changes
<a href="#">TEST OF RECENT INFECTION RESULT (HIV)</a>	None	None	None	\d{1,3}\.\d{1}	Format pattern applied to allow correct reporting of <a href="#">TEST OF RECENT INFECTION RESULT (HIV)</a>
<a href="#">YEAR AND MONTH FIRST STARTED ANTIRETROVIRAL THERAPY</a>	None	None	None	(19 20)d\d-(0[1-9] 1[012])	Format pattern applied to allow correct reporting of <a href="#">YEAR AND MONTH FIRST STARTED ANTIRETROVIRAL THERAPY</a>
<a href="#">YEAR AND MONTH OF LAST CARE PROFESSIONAL HIV COMMUNICATION</a>	None	None	None	(19 20)d\d-(0[1-9] 1[012])	Format pattern applied to allow correct reporting of <a href="#">YEAR AND MONTH OF LAST CARE PROFESSIONAL HIV COMMUNICATION</a>
<a href="#">YEAR AND MONTH OF LAST NEGATIVE HIV TEST</a>	None	None	None	(19 20)d\d-(0[1-9] 1[012])	Format pattern applied to allow correct reporting of <a href="#">YEAR AND MONTH OF LAST NEGATIVE HIV TEST</a>
<a href="#">YEAR OF DIAGNOSIS OUTSIDE UNITED KINGDOM (HIV)</a>	None	None	None	(19 20){1}\d\d	Format pattern applied to allow correct reporting of <a href="#">YEAR OF DIAGNOSIS OUTSIDE UNITED KINGDOM (HIV)</a>
<a href="#">YEAR OF UK ENTRY</a>	None	None	None	(19 20){1}\d\d	Format pattern applied to allow correct reporting of <a href="#">YEAR OF UK ENTRY</a>

**MATERNITY SERVICES DATA SET CONSTRAINTS (RETIRED)**, renamed from MATERNITY SERVICES DATA SET CONSTRAINTS

Change to XML Schema Constraint: Changed status to Retired, Name, Description

Data set constraints applied to the [Maternity Services Data Set](#). This item has been retired from the NHS Data Model and Dictionary.

Data Element	XML Schema Format/Length	Allowed Values	Range	Pattern Match	Reason / Comment / XML Choice
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Second character can be for local use. Data Set allows max an12

The last live version of this item is available in the January 2021 release of the NHS Data Model and Dictionary.

Access to this version can be obtained by emailing [information.standards@nhs.net](mailto:information.standards@nhs.net) with "NHS Data Model and Dictionary - Archive Request" in the email subject line.

**MATERNITY SERVICES DATA SET CONSTRAINTS (RETIRED)**, renamed from MATERNITY SERVICES DATA SET CONSTRAINTS

Change to XML Schema Constraint: Changed status to Retired, Name, Description

- Retired Maternity Services Data Set Constraints
- Changed Name from Data\_Dictionary.Messages.Message\_Documentation.Data\_Set\_Constraints.Maternity\_Services\_Data\_Set\_Constraints to Retired.Data\_Dictionary.Messages.Message\_Documentation.Maternity\_Services\_Data\_Set\_Constraints
- Changed Description

**MENTAL HEALTH SERVICES DATA SET CONSTRAINTS**

Change to XML Schema Constraint: Changed Description

Data Set constraints applied to the [Mental Health Services Data Set](#).

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">ETHNIC CATEGORY</a>	max an2	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an2
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an12
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	max an10	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an10

**NATIONAL NEONATAL DATA SET CONSTRAINTS**

Change to XML Schema Constraint: New XML Schema Constraint

Data Set constraints applied to the [National Neonatal Data Set](#).

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">BIRTH WEIGHT</a>	n4	None	None	Existing Format/Length states max an4 - Data Set allows n4
<a href="#">GESTATION LENGTH (AT DELIVERY)</a>	n2	None	None	Existing Format/Length states an2 - Data Set allows n2

**PATIENT LEVEL CONTRACT MONITORING DATA SET CONSTRAINTS**

Change to XML Schema Constraint: Changed Description

Data Set constraints applied to the [Patient Level Contract Monitoring Data Set](#).

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">ATTENDANCE IDENTIFIER</a>	max an12	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an12
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an12
<a href="#">NHS SERVICE AGREEMENT LINE NUMBER</a>	max an10	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an10
<a href="#">PROVIDER REFERENCE NUMBER</a>	max an17	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an17

**PLICS ACUTE ADMITTED PATIENT CARE DATA SET CONSTRAINTS**

Change to XML Schema Constraint: Changed Description

Data Set constraints applied to the [Patient Level Information Costing System Acute Data Set - Admitted Patient Care](#).

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">CDS UNIQUE IDENTIFIER</a>	max an35	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an35
<a href="#">EPISODE NUMBER</a>	max n2	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in

				other data sets. Data Set allows max n2
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	None	Existing Format/Length means fixed length which is incorrect. Unable to change this as it is used in other data sets. Data Set allows max an12
<a href="#">ORGANISATION IDENTIFIER (CODE OF PROVIDER)</a>	an3	None	None	an5 and an6 is not applicable for the <a href="#">Patient Level Information Costing System Acute Data Set - Admitted Patient Care</a> .
<a href="#">ORGANISATION IDENTIFIER (CODE OF SUBMITTING ORGANISATION)</a>	min an3 max an5	None	None	an6 is not applicable for the <a href="#">Patient Level Information Costing System Acute Data Set - Admitted Patient Care</a> .

**PLICS MENTAL HEALTH ADMITTED PATIENT CARE DATA SET CONSTRAINTS**

Change to XML Schema Constraint: Changed Description

Data Set constraints applied to the [Patient Level Information Costing System Mental Health Data Set - Admitted Patient Care](#).

Data Element	Format/Length	Range	Pattern Match	Reason / Comment
<a href="#">ORGANISATION IDENTIFIER (CODE OF PROVIDER)</a>	an3	None	None	an5 and an6 is not applicable for the <a href="#">Patient Level Information Costing System Mental Health Data Set - Admitted Patient Care</a> .
<a href="#">ORGANISATION IDENTIFIER (CODE OF SUBMITTING ORGANISATION)</a>	min an3 max an5	None	None	an6 is not applicable for the <a href="#">Patient Level Information Costing System Mental Health Data Set - Admitted Patient Care</a> .
<a href="#">HOSPITAL PROVIDER SPELL NUMBER</a>	max an12	None	None	Existing Format/Length states an12 – CDS XML Schema allows max an12.

For enquiries about this Change Request, please email [information.standards@nhs.net](mailto:information.standards@nhs.net)

