

NHS Data Model and Dictionary Service

Type: Change Request
Reference: 1545
Version No: 1.0
Subject: Updates to the Neonatal Critical Care and Paediatric Critical Care Minimum Data Sets
Effective Date: Immediate
Reason for Change: Change to Data Standards
Publication Date: 31 August 2016

Background:

The [Neonatal Critical Care Minimum Data Set](#) and [Paediatric Critical Care Minimum Data Set](#) were approved by the Information Standards Board for Health and Social Care for mandatory collection in 2007.

It has become necessary from clinical and service feedback that changes are required to both data sets to reflect current clinical practice.

To support the Information Standards, this Change Request:

- Updates the attribute CRITICAL CARE ACTIVITY CODE.
 - As a result the Commissioning Data Set Version 6-2 XML Schema Constraints Page is updated to reflect that only the original values can be transmitted in the Commissioning Data Set.
- Replaces DISCHARGE METHOD (HOSPITAL PROVIDER SPELL) with DISCHARGE METHOD CODE (HOSPITAL PROVIDER SPELL) to bring the data sets in line with the Commissioning Data Sets.
 - As a result DISCHARGE METHOD (HOSPITAL PROVIDER SPELL) has been retired.
- Updates the Neonatal Critical Care Minimum Data Set and Paediatric Critical Minimum Data Set Overview pages to reflect the changes.

To view a demonstration on "How to Read an NHS Data Model and Dictionary Change Request", visit the NHS Data Model and Dictionary help pages at: http://www.datadictionary.nhs.uk/Flash_Files/changerequest.htm.

Note: if the web page does not open, please copy the link and paste into the web browser.

Summary of changes:

Data Set

NEONATAL CRITICAL CARE MINIMUM DATA SET	Changed Description
PAEDIATRIC CRITICAL CARE MINIMUM DATA SET	Changed Description

Supporting Information

NEONATAL CRITICAL CARE MINIMUM DATA SET OVERVIEW	Changed Description
PAEDIATRIC CRITICAL CARE MINIMUM DATA SET OVERVIEW	Changed Description

Class Definitions

PERSON STATED GENDER	Changed Description
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Attribute Definitions

CRITICAL CARE ACTIVITY CODE	Changed Description
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Data Elements

[DISCHARGE METHOD \(HOSPITAL PROVIDER SPELL\) \(RETIRED\)](#) renamed from [DISCHARGE METHOD \(HOSPITAL PROVIDER SPELL\)](#) Changed status to Retired, linked Attribute, Description, Name
[DISCHARGE METHOD CODE \(HOSPITAL PROVIDER SPELL\)](#) Changed Description

XML Schema Constraint

[COMMISSIONING DATA SET VERSION 6-2 XML SCHEMA CONSTRAINTS](#) Changed Description

Date: 31 August 2016

Sponsor: Martin Campbell, Head of Pricing, NHS England

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.

NEONATAL CRITICAL CARE MINIMUM DATA SET

Change to Data Set: Changed Description

[Neonatal Critical Care Minimum Data Set Overview](#)

The ~~Neonatal Critical Care Minimum Data Set~~ is sent as a subset in the following Commissioning Data Set messages:
 The Neonatal Critical Care Minimum Data Set is sent as a part of the following Commissioning Data Set messages:

- [CDS V6-2 Type 120 - Admitted Patient Care - Finished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 130 - Admitted Patient Care - Finished General Episode Commissioning Data Set](#)
- [CDS V6-2 Type 180 - Admitted Patient Care - Unfinished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 190 - Admitted Patient Care - Unfinished General Episode Commissioning Data Set](#)

Data Set Data Elements
Person Group (Patient): To carry the personal details of the Patient (the baby). One occurrence of this Group is permitted.
PERSON BIRTH DATE
DISCHARGE DATE (HOSPITAL PROVIDER SPELL)
DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)
DISCHARGE METHOD CODE (HOSPITAL PROVIDER SPELL)
Neonatal Critical Care Group: To carry the details of the Neonatal Critical Care Period. One occurrence of this Group is permitted.
CRITICAL CARE LOCAL IDENTIFIER
CRITICAL CARE START DATE
CRITICAL CARE START TIME
CRITICAL CARE DISCHARGE DATE
CRITICAL CARE DISCHARGE TIME
CRITICAL CARE UNIT FUNCTION
GESTATION LENGTH (AT DELIVERY)
Neonatal Critical Care Daily Activity Group: To carry the daily activity data for each day of the Neonatal Critical Care Period. 999 occurrences of this Group are permitted.
ACTIVITY DATE (CRITICAL CARE)
PERSON WEIGHT
20 occurrences of Critical Care Activity Codes are permitted within the Neonatal Critical Care Daily Activity Group. All codes relate to care provided on the ACTIVITY DATE (CRITICAL CARE).
CRITICAL CARE ACTIVITY CODE

20 occurrences of High Cost Drugs OPCS codes are permitted within the Neonatal Critical Care Daily Activity Group. All codes relate to drugs provided on the ACTIVITY DATE (CRITICAL CARE).

[HIGH COST DRUGS \(OPCS\)](#)

NEONATAL CRITICAL CARE MINIMUM DATA SET

Change to Data Set: Changed Description

- Changed Description

PAEDIATRIC CRITICAL CARE MINIMUM DATA SET

Change to Data Set: Changed Description

[Paediatric Critical Care Minimum Data Set Overview](#)

The [Paediatric Critical Care Minimum Data Set](#) is sent as a subset in the following Commissioning Data Set messages: The [Paediatric Critical Care Minimum Data Set](#) is sent as a part of the following Commissioning Data Set messages:

- [CDS V6-2 Type 120 - Admitted Patient Care - Finished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 130 - Admitted Patient Care - Finished General Episode Commissioning Data Set](#)
- [CDS V6-2 Type 140 - Admitted Patient Care - Finished Delivery Episode Commissioning Data Set](#)
- [CDS V6-2 Type 180 - Admitted Patient Care - Unfinished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 190 - Admitted Patient Care - Unfinished General Episode Commissioning Data Set](#)
- [CDS V6-2 Type 200 - Admitted Patient Care - Unfinished Delivery Episode Commissioning Data Set](#)

Data Set Data Elements
Person Group (Patient): To carry the personal details of the Patient. One occurrence of this Group is permitted.
PERSON BIRTH DATE
DISCHARGE DATE (HOSPITAL PROVIDER SPELL)
DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)
DISCHARGE METHOD CODE (HOSPITAL PROVIDER SPELL)
Paediatric Critical Care Group: To carry the details of the Paediatric Critical Care Period.
CRITICAL CARE LOCAL IDENTIFIER
CRITICAL CARE START DATE
CRITICAL CARE START TIME
CRITICAL CARE DISCHARGE DATE
CRITICAL CARE DISCHARGE TIME
CRITICAL CARE UNIT FUNCTION
Paediatric Critical Care Daily Activity Group: To carry the daily activity data for each day of the Paediatric Critical Care Period. 999 occurrences of this Group are permitted.
ACTIVITY DATE (CRITICAL CARE)
20 occurrences of Critical Care Activity Codes are permitted within the Paediatric Critical Care Daily Activity Group. All codes relate to care provided on the CRITICAL CARE START DATE.
CRITICAL CARE ACTIVITY CODE
2 HIGH COST DRUGS (OPCS) codes are permitted but there is the capacity for 20 codes within the Paediatric Critical Care Daily Activity Group, to allow future refinement. All codes relate to drugs provided on the CRITICAL CARE LOCAL IDENTIFIER.
HIGH COST DRUGS (OPCS)

PAEDIATRIC CRITICAL CARE MINIMUM DATA SET

Change to Data Set: Changed Description

- Changed Description
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NEONATAL CRITICAL CARE MINIMUM DATA SET OVERVIEW

Change to Supporting Information: Changed Description

The definition of the Neonatal Critical Care is linked to the definition of Neonatal Critical Care [Healthcare Resource Groups](#). These closely follow the definitions contained in the 2003 [Department of Health](#) report 'Report of the Neonatal Intensive Care Services Review Group'. **Introduction**

This takes account of related definitions which have been developed for the Maternity and Child Health data sets by the [NHS Digital](#). The Neonatal Critical Care Minimum Data Set (NCCMDS) provides a record of what happens to a [PATIENT](#) when they receive Neonatal Critical Care in a Neonatal Intensive Care Unit, Maternity [WARD](#), or Neonatal Transitional Care [WARD](#).

The primary purpose of the [Neonatal Critical Care Minimum Data Set](#) is to allow the operation of the [National Tariff Payment System](#) within neonatal critical care. The [Neonatal Critical Care Minimum Data Set](#) supports the [National Tariff Payment System](#) by capturing the data needed to generate a [Healthcare Resource Group \(HRG\)](#) for each calendar day (or part thereof) of a period of neonatal critical care; these [Healthcare Resource Groups](#) are then used to inform the annual aggregate costing exercise, NHS Reference Costs.

Scope and Uses

The scope of the [Neonatal Critical Care Minimum Data Set](#) is:

a) All [PATIENTS](#) on a [WARD](#) with a [CRITICAL CARE UNIT FUNCTION](#) of National Code '13 - Neonatal Intensive Care Unit (Neonatal critical care patients predominate)'.

b) All [PATIENTS](#) (excluding Mothers) on a [WARD](#) with a [CRITICAL CARE UNIT FUNCTION](#) of National Code:

- 14 - Facility for Babies on a Neonatal Transitional Care Ward
- 15 - Facility for Babies on a Maternity Ward

to whom one or more of the following [CRITICAL CARE ACTIVITY CODES](#) applies for a period greater than 4 hours:

- a) All [PATIENTS](#) on a [WARD](#) with a [CRITICAL CARE UNIT FUNCTION](#) *Neonatal Intensive Care Unit* regardless of care being delivered.
- b) All [PATIENTS](#) (excluding Mothers) on a [WARD](#) with a [CRITICAL CARE UNIT FUNCTION](#) *Facility for Babies on a Neonatal Transitional Care Ward or Facility for Babies on a Maternity Ward* to whom one or more of the following [CRITICAL CARE ACTIVITIES](#) applies for a period greater than 4 hours:
- 01 Respiratory support via a tracheal tube
 - 02 Nasal Continuous Positive Airway Pressure (nCPAP)
 - 04 Exchange Transfusion
 - 05 Peritoneal Dialysis
 - 06 Continuous infusion of inotrope, pulmonary vasodilator or prostaglandin
 - 07 Parenteral Nutrition
 - 08 Convulsions
 - 09 Oxygen Therapy
 - 10 Neonatal abstinence syndrome
 - 11 Care of an intra-arterial catheter or chest drain
 - 12 Dilution Exchange Transfusion
 - 13 Tracheostomy cared for by nursing staff
 - 14 Tracheostomy cared for by external [Carer](#)
 - 15 Recurrent apnoea

- 16 Haemofiltration
- 22 Continuous monitoring
- 23 Intravenous glucose and electrolyte solutions
- 24 Tube-fed
- 25 Barrier nursed
- 26 Phototherapy
- 27 Special monitoring
- 28 Observations at regular intervals
- 29 Intravenous medication
- 01 Respiratory support via a tracheal tube (Respiratory support via a tracheal tube provided)
- 02 Nasal Continuous Positive Airway Pressure (nCPAP) (PATIENT receiving nCPAP for any part of the day)
- 04 Exchange Transfusion (PATIENT received exchange transfusion)
- 05 Peritoneal Dialysis (PATIENT received Peritoneal Dialysis)
- 06 Continuous infusion of inotrope, pulmonary vasodilator or prostaglandin (PATIENT received a continuous infusion of an inotrope, vasodilator (includes pulmonary vasodilators) or prostaglandin)
- 07 Parenteral Nutrition (PATIENT receiving Parenteral Nutrition (amino acids +/- lipids))
- 08 Convulsions (PATIENT having convulsions requiring treatment)
- 09 Oxygen Therapy (PATIENT receiving additional oxygen)
- 10 Neonatal abstinence syndrome (PATIENT receiving drug treatment for neonatal abstinence (withdrawal) syndrome)
- 11 Care of an intra-arterial catheter or chest drain (PATIENT receiving care of an intra-arterial catheter or chest drain)
- 12 Dilution Exchange Transfusion (PATIENT received Dilution Exchange Transfusion)
- 13 Tracheostomy cared for by nursing staff (PATIENT receiving care of tracheostomy cared for by nursing staff not by an external Carer (e.g. parent))
- 14 Tracheostomy cared for by external Carer (PATIENT receiving care of tracheostomy cared for by an external Carer (e.g. parent) not by a NURSE)
- 15 Recurrent apnoea (PATIENT has recurrent apnoea needing frequent intervention, i.e. over 5 stimulations in 8 hours, or resuscitation with IPPV two or more times in 24 hours)
- 16 Haemofiltration (PATIENT received Haemofiltration)
- 22 Continuous monitoring (PATIENT requiring continuous monitoring (by mechanical monitoring equipment) of respiration or heart rate, or by transcutaneous transducers or by Saturation Monitors. Note: apnoea alarms and monitors are excluded as forms of continuous monitoring)
- 23 Intravenous glucose and electrolyte solutions (PATIENT being given intravenous glucose and electrolyte solutions)
- 24 Tube-fed (PATIENT being tube-fed)
- 25 Barrier nursed (PATIENT being barrier nursed)
- 26 Phototherapy (PATIENT receiving phototherapy)
- 27 Special monitoring (PATIENT receiving special monitoring of blood glucose or serum bilirubin measurement at a minimum frequency of more than one per calendar day)
- 28 Observations at regular intervals (PATIENT requiring recorded observations for temperature, heart rate, respiratory rate, blood pressure or scoring for neonatal abstinence syndrome. Recorded observations must be at a minimum frequency of 4 hourly)
- 29 Intravenous medication (PATIENT receiving intravenous medication)
- 80 Heated Humidified High Flow Therapy (HHHFT) (PATIENT receiving HHHFT)
- 81 Presence of an umbilical venous line
- 82 Continuous infusion of insulin (PATIENT receiving a continuous infusion of insulin)
- 83 Therapeutic hypothermia (PATIENT receiving therapeutic hypothermia)
- 84 PATIENT has a Replogle tube in situ
- 85 PATIENT has an epidural catheter in situ
- 86 PATIENT has an abdominal silo
- 87 Administration of intravenous (IV) blood products
- 88 PATIENT has a central venous or long line (Peripherally Inserted Central Catheter line) in situ
- 89 PATIENT has an indwelling urinary or suprapubic catheter in situ
- 90 PATIENT has a trans-anastomotic tube in situ following oesophageal atresia repair
- 91 PATIENT has confirmed clinical seizure(s) today and/or continuous cerebral function monitoring (CFM)
- 92 PATIENT has a ventricular tap via needle or reservoir today
- 93 PATIENT has a stoma

If one or more of these [CRITICAL CARE ACTIVITIES](#) apply to a [PATIENT](#), then the [PATIENT](#) would be counted as receiving Neonatal Critical Care at the level of Intensive Care, High Dependency Care or Special Care depending on the [CRITICAL CARE ACTIVITIES](#) which apply.

This data is captured and recorded locally and may be used for the purposes of direct care, clinical audit, Reference Costs, and other local uses. Any transmission of the [Neonatal Critical Care Minimum Data Set](#) must be covered by fair processing arrangements in accordance with information governance criteria and appropriate local arrangements.

Commissioning Data Set Transmission

Subject to the [Commissioning Data Set Version 6-2 XML Schema Constraints](#), the [Neonatal Critical Care Minimum Data Set](#) is carried into the [Secondary Uses Service](#) (SUS) as a part of the following Commissioning Data Set messages, see [SCCI0075](#):

- [CDS V6-2 Type 120 - Admitted Patient Care - Finished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 130 - Admitted Patient Care - Finished General Episode Commissioning Data Set](#)
- [CDS V6-2 Type 180 - Admitted Patient Care - Unfinished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 190 - Admitted Patient Care - Unfinished General Episode Commissioning Data Set](#)

Except in very exceptional circumstances, [CRITICAL CARE ACTIVITIES](#) 01 to 16 will only occur in a Neonatal Intensive Care Unit environment where all [PATIENTS](#) are covered by [Neonatal Critical Care Minimum Data Set](#) regardless of treatment. Care on [WARDS](#) with a [CRITICAL CARE UNIT FUNCTION](#) of 'Facility for Babies on a Neonatal Transitional Care Ward' or 'Facility for Babies on a Maternity Ward' will only be in respect of [CRITICAL CARE ACTIVITIES](#) 22 to 29 unless very exceptional circumstances apply. This does not prevent these [WARDS](#) recording [CRITICAL CARE ACTIVITIES](#) 01 to 16 on the [Neonatal Critical Care Minimum Data Set](#) if they occur. However, it does mean that such settings will in practice be dealing with a much shorter list of [CRITICAL CARE ACTIVITIES](#) which would determine whether the [Neonatal Critical Care Minimum Data Set](#) applied or not. The [Secondary Uses Service](#) groups this data into neonatal critical care [Healthcare Resource Groups](#); these are a mandated currency under the [National Tariff Payment System](#). Further guidance can be found on the [NHS Digital](#) website at: [SCCI0075](#).

PAEDIATRIC CRITICAL CARE MINIMUM DATA SET OVERVIEW

Change to Supporting Information: Changed Description

Introduction

The [Paediatric Critical Care Minimum Data Set](#) has been specified as a simple data specification but will be carried within the existing framework of the Commissioning Data Set as supported by the [Secondary Uses Service](#). **Introduction**

Scope

The definition of Paediatric Critical Care is linked to the definition of Paediatric Critical Care [Healthcare Resource Groups](#). The [Paediatric Critical Care Minimum Data Set](#) (PCCMDS) provides a record of what happens to a [PATIENT](#) when they receive Paediatric Critical Care in a Paediatric Intensive Care Unit, or other critical care setting suitable for children.

The primary purpose of the [Paediatric Critical Care Minimum Data Set](#) is to allow the operation of the [National Tariff Payment System](#) within paediatric critical care. The [Paediatric Critical Care Minimum Data Set](#) supports the [National Tariff Payment System](#) by capturing the data needed to generate a [Healthcare Resource Group](#) (HRG) for each calendar day (or part thereof) of a period of paediatric critical care; these [Healthcare Resource Groups](#) are then used to inform the annual aggregate costing exercise, NHS Reference Costs.

Scope and Uses

The scope of the [Paediatric Critical Care Minimum Data Set](#) is:

a) All **PATIENTS** on a **WARD** with a **CRITICAL CARE UNIT FUNCTION** of National Code '04 - Paediatric Intensive Care Unit (Paediatric critical care patients predominate)'

b) All **PATIENTS** on a **WARD** with a **CRITICAL CARE UNIT FUNCTION** of National Code of either:

- 16 - Ward for children and young people
- 17 - High Dependency Unit for children and young people
- 18 - Renal Unit for children and young people
- 19 - Burns Unit for children and young people
- 92 - Non standard location using the operating department for children and young people

to whom one or more of the following **CRITICAL CARE ACTIVITY CODES** applies for a period greater than 4 hours:

a) All **PATIENTS** on a **WARD** with a **CRITICAL CARE UNIT FUNCTION** Paediatric Intensive Care Unit regardless of care being delivered

b) All **PATIENTS** on a **WARD** with a **CRITICAL CARE UNIT FUNCTION** with National Code of either:

- 04 Paediatric Intensive Care Unit (Paediatric critical care patients predominate)
- 16 Ward for children and young people
- 17 High Dependency Unit for children and young people
- 18 Renal Unit for children and young people
- 19 Burns Unit for children and young people
- 92 Non standard location using the operating department for children and young people

to whom one or more of the following **CRITICAL CARE ACTIVITIES** applies for a period greater than 4 hours:

- 04 Exchange transfusion
- 05 Peritoneal dialysis (acute patients only i.e. excluding chronic)
- 06 Continuous infusion of inotrope, pulmonary vasodilator or prostaglandin
- 09 Supplemental oxygen therapy (irrespective of ventilatory state)
- 13 Tracheostomy cared for by nursing staff
- 16 Haemofiltration
- 04 Exchange Transfusion (**PATIENT** received exchange transfusion)
- 05 Peritoneal dialysis (acute **PATIENTS** only i.e. excluding chronic) *
- 06 Continuous infusion of inotrope, pulmonary vasodilator or prostaglandin (**PATIENT** received a continuous infusion of an inotrope, vasodilator (includes pulmonary vasodilators) or prostaglandin)
- 09 **Oxygen Therapy** (supplementary **Oxygen Therapy**, irrespective of ventilatory state) **
- 13 Tracheostomy cared for by nursing staff (**PATIENT** receiving care of tracheostomy cared for by nursing staff not by an external Carer (e.g. parent))
- 16 Haemofiltration (**PATIENT** received Haemofiltration)
- 50 Continuous electrocardiogram monitoring
- 51 Invasive ventilation via endotracheal tube
- 52 Invasive ventilation via tracheostomy tube
- 53 Non-invasive ventilatory support
- 55 Nasopharyngeal airway
- 56 Advanced ventilatory support (Jet or Oscillatory ventilation)
- 57 Upper airway obstruction requiring nebulised Epinephrine/ Adrenaline
- 58 Apnoea requiring intervention
- 59 Acute severe asthma requiring intravenous bronchodilator therapy or continuous nebuliser
- 60 Arterial line monitoring
- 61 Cardiac pacing via an external box (pacing wires or external pads or oesophageal pacing)
- 62 Central venous pressure monitoring
- 63 Bolus intravenous fluids (> 80 ml/kg/day) in addition to maintenance intravenous fluids
- 64 Cardio-pulmonary resuscitation (CPR)
- 65 Extracorporeal membrane oxygenation (ECMO) or Ventricular Assist Device (VAD) or aortic balloon pump
- 66 Haemodialysis (acute patients only i.e. excluding chronic)

- 66 Haemodialysis (acute PATIENTS only i.e. excluding chronic)
- 67 Plasma filtration or Plasma exchange
- 68 ICP-intracranial pressure monitoring
- 69 Intraventricular catheter or external ventricular drain
- 70 Diabetic ketoacidosis (DKA) requiring continuous infusion of insulin
- 71 Intravenous infusion of thrombolytic agent (limited to tissue plasminogen activator [tPA] and streptokinase)
- ~~72 Extracorporeal liver support using Molecular Absorbent Recirculating System (MARS)~~
- 72 Extracorporeal liver support using Molecular Absorbent Liver Recirculating System (MARS)
- 73 Continuous pulse oximetry
- ~~74 Patient nursed in single occupancy cubicle~~
- 74 PATIENT nursed in single occupancy cubicle
- 80 Heated Humidified High Flow Therapy (HHHFT) (PATIENT receiving HHHFT)
- 85 PATIENT has an epidural catheter in situ
- 94 PATIENT has arrhythmia requiring intravenous anti-arrhythmic therapy
- 95 PATIENT has reduced conscious level (Glasgow Coma Score 12 or below) and hourly (or more frequent) Glasgow Coma Score monitoring
- 96 Intravenous infusion of sedative agent (PATIENT receiving continuous intravenous infusion of sedative agent)
- 97 PATIENT has status epilepticus requiring treatment with continuous intravenous infusion

If one or more of these items apply to a PATIENT, then the PATIENT would be counted as receiving Paediatric Critical Care at one of the levels of Intensive Care or High Dependency Care depending on the conditions/interventions which apply. Notes:

A number of these interventions will only occur in a Paediatric Intensive Care Unit environment where all PATIENTS are covered by the Paediatric Critical Care Minimum Data Set regardless of treatment. Care for PATIENTS outside of a Paediatric Intensive Care Unit will in practice be dealing with a shorter list of interventions. The Paediatric Critical Care Minimum Data Set should not be collected in facilities other than those with CRITICAL CARE UNIT FUNCTION:

- Paediatric Intensive Care Unit; or
- Ward for children and young people; or
- High Dependency Unit for children and young people; or
- Renal Unit for children and young people; or
- Burns Unit for children and young people; or
- Non-standard location using the operating department for children and young people.
- * National Code 05 applies as an inclusion criterion for acute PATIENTS only: it does not apply with chronic PATIENTS.
- ** National Code 09 applies as an inclusion criterion when the PATIENT receives supplementary Oxygen Therapy, irrespective of their ventilatory state.

The Commissioning Data Set message will prevent submission of Paediatric Critical Care Minimum Data Set when submitted with a CRITICAL CARE UNIT FUNCTION other than those listed above. This data is captured and recorded locally and may be used for the purposes of direct care, clinical audit, Reference Costs, and other local uses. Any transmission of the Paediatric Critical Care Minimum Data Set must be covered by fair processing arrangements in accordance with information governance criteria and appropriate local arrangements.

The Paediatric Critical Care Minimum Data Set will be carried as part of the following Admitted Patient Care Commissioning Data Set Types: **Commissioning Data Set Transmission**

Subject to the Commissioning Data Set Version 6-2 XML Schema Constraints, the Paediatric Critical Care Minimum Data Set is sent to the Secondary Uses Service (SUS) as a part of the following Commissioning Data Set messages, SCCI0076:

- The Admitted Patient Care Finished General Episode (Commissioning Data Set TYPE 130)
- The Admitted Patient Care Unfinished General Episode (Commissioning Data Set TYPE 190)

- The Admitted Patient Care Delivery Episode (Commissioning Data Set TYPE 140)
- The Admitted Patient Care Unfinished Delivery Episode (Commissioning Data Set TYPE 200)
- The Admitted Patient Care Finished Birth Episode (Commissioning Data Set TYPE 120)
- The Admitted Patient Care Unfinished Birth Episode (Commissioning Data Set TYPE 180)
- [CDS V6-2 Type 120 - Admitted Patient Care - Finished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 130 - Admitted Patient Care - Finished General Episode Commissioning Data Set](#)
- [CDS V6-2 Type 140 - Admitted Patient Care - Finished Delivery Episode Commissioning Data Set](#)
- [CDS V6-2 Type 180 - Admitted Patient Care - Unfinished Birth Episode Commissioning Data Set](#)
- [CDS V6-2 Type 190 - Admitted Patient Care - Unfinished General Episode Commissioning Data Set](#)
- [CDS V6-2 Type 200 - Admitted Patient Care - Unfinished Delivery Episode Commissioning Data Set](#)

The [Secondary Uses Service](#) groups this data into paediatric critical care [Healthcare Resource Groups](#). Further guidance can be found on the [NHS Digital](#) website at: [SCCI0076](#).

PERSON STATED GENDER

Change to Class: Changed Description

The stated gender of a [PERSON](#).

[PERSON STATED GENDER](#) is self declared, or inferred by observation for those unable to declare.

~~**[PERSON GENDER](#) will be replaced with [PERSON STATED GENDER](#) or [PERSON PHENOTYPIC SEX](#), which is the most recent approved national information standard to describe the required definition.**~~

[PERSON GENDER](#) will be replaced with [PERSON STATED GENDER](#) or [PERSON PHENOTYPIC SEX](#), which is the most recent approved national information standard to describe the required definition.

CRITICAL CARE ACTIVITY CODE

Change to Attribute: Changed Description

A type of [CRITICAL CARE ACTIVITY](#) provided to a [PATIENT](#) during a [CRITICAL CARE PERIOD](#).

National Codes:

- 01 Respiratory support via a tracheal tube (Respiratory support via a tracheal tube provided)
- 02 Nasal Continuous Positive Airway Pressure (nCPAP) ([PATIENT](#) receiving nCPAP for any part of the day)
- 03 Surgery ([PATIENT](#) received surgery)
- 04 Exchange Transfusion ([PATIENT](#) received exchange transfusion)
- 05 Peritoneal Dialysis ([PATIENT](#) received Peritoneal Dialysis)
- 06 Continuous infusion of inotrope, pulmonary vasodilator or prostaglandin ([PATIENT](#) received a continuous infusion of an inotrope, vasodilator (includes pulmonary vasodilators) or prostaglandin)
- ~~07 Parenteral Nutrition ([PATIENT](#) receiving Parenteral Nutrition (amino acids +/- lipids))~~
- 07 Parenteral Nutrition ([PATIENT](#) receiving Parenteral Nutrition (amino acids +/- lipids))
- 08 Convulsions ([PATIENT](#) having convulsions requiring treatment)
- ~~09 Oxygen Therapy ([PATIENT](#) receiving additional oxygen)~~
- 09 Oxygen Therapy ([PATIENT](#) receiving additional oxygen)
- 10 Neonatal abstinence syndrome ([PATIENT](#) receiving drug treatment for neonatal abstinence (withdrawal) syndrome)
- 11 Care of an intra-arterial catheter or chest drain ([PATIENT](#) receiving care of an intra-arterial catheter or chest drain)
- 12 Dilution Exchange Transfusion ([PATIENT](#) received Dilution Exchange Transfusion)
- 13 Tracheostomy cared for by nursing staff ([PATIENT](#) receiving care of tracheostomy cared for by nursing staff not by an external [Carer](#) (e.g. parent))
- 14 Tracheostomy cared for by external [Carer](#) ([PATIENT](#) receiving care of tracheostomy cared for by an external [Carer](#) (e.g. parent) not by a [NURSE](#))

- 15 Recurrent apnoea (PATIENT has recurrent apnoea needing frequent intervention, i.e. over 5 stimulations in 8 hours, or resuscitation with IPPV two or more times in 24 hours)
- 16 Haemofiltration (PATIENT received Haemofiltration)
- 21 Carer Resident - Caring for Baby (External Carer (for example, parent) resident with the baby and requiring nursing by caring for the baby)
- 22 Continuous monitoring (PATIENT requiring continuous monitoring (by mechanical monitoring equipment) of respiration or heart rate, or by transcutaneous transducers or by Saturation Monitors. Note: apnoea alarms and monitors are *excluded* as forms of continuous monitoring)
- 23 Intravenous glucose and electrolyte solutions (PATIENT being given intravenous glucose and electrolyte solutions)
- 24 Tube-fed (PATIENT being tube-fed)
- 25 Barrier nursed (PATIENT being barrier nursed)
- 26 Phototherapy (PATIENT receiving phototherapy)
- 27 Special monitoring (PATIENT receiving special monitoring of blood glucose or serum bilirubin measurement at a minimum frequency of more than one per calendar day)
- 28 Observations at regular intervals (PATIENT requiring recorded observations for temperature, heart rate, respiratory rate, blood pressure or scoring for neonatal abstinence syndrome. Recorded observations must be at a minimum frequency of 4 hourly)
- 29 Intravenous medication (PATIENT receiving intravenous medication)
- 50 Continuous electrocardiogram monitoring
- 51 Invasive ventilation via endotracheal tube
- 52 Invasive ventilation via tracheostomy tube
- 53 Non-invasive ventilatory support
- 55 Nasopharyngeal airway
- 56 Advanced ventilatory support (Jet or Oscillatory ventilation)
- 57 ~~Upper airway obstruction requiring nebulised Epinephrine/ Adrenaline~~
- 57 Upper airway obstruction requiring nebulised Epinephrine/ Adrenaline
- 58 Apnoea requiring intervention
- 59 Acute severe asthma requiring intravenous bronchodilator therapy or continuous nebuliser
- 60 Arterial line monitoring
- 61 Cardiac pacing via an external box (pacing wires or external pads or oesophageal pacing)
- 62 Central venous pressure monitoring
- 63 Bolus intravenous fluids (> 80 ml/kg/day) in addition to maintenance intravenous fluids
- 64 Cardio-pulmonary resuscitation (CPR)
- 65 Extracorporeal membrane oxygenation (ECMO) or Ventricular Assist Device (VAD) or aortic balloon pump
- 66 ~~Haemodialysis (acute patients only i.e. excluding chronic)~~
- 66 Haemodialysis (acute PATIENTS only i.e. excluding chronic)
- 67 Plasma filtration or Plasma exchange
- 68 ICP-intracranial pressure monitoring
- 69 Intraventricular catheter or external ventricular drain
- 70 Diabetic ketoacidosis (DKA) requiring continuous infusion of insulin
- 71 Intravenous infusion of thrombolytic agent (limited to tissue plasminogen activator [tPA] and streptokinase)
- 72 Extracorporeal liver support using Molecular Absorbent Liver Recirculating System (MARS)
- 73 Continuous pulse oximetry
- 74 ~~Patient nursed in single occupancy cubicle~~
- 74 PATIENT nursed in single occupancy cubicle
- 80 Heated Humidified High Flow Therapy (HHHFT) (PATIENT receiving HHHFT) *
- 81 Presence of an umbilical venous line *
- 82 Continuous infusion of insulin (PATIENT receiving a continuous infusion of insulin) *
- 83 Therapeutic hypothermia (PATIENT receiving therapeutic hypothermia) *
- 84 PATIENT has a Replogle tube in situ *
- 85 PATIENT has an epidural catheter in situ *
- 86 PATIENT has an abdominal silo *
- 87 Administration of intravenous (IV) blood products *
- 88 PATIENT has a central venous or long line (Peripherally Inserted Central Catheter line) in situ *
- 89 PATIENT has an indwelling urinary or suprapubic catheter in situ *
- 90 PATIENT has a trans-anastomotic tube in situ following oesophageal atresia repair *
- 91

- [PATIENT](#) has confirmed clinical seizure(s) today and/or continuous cerebral function monitoring (CFM) *
- 92 [PATIENT](#) has a ventricular tap via needle or reservoir today *
- 93 [PATIENT](#) has a stoma *
- 94 [PATIENT](#) has arrhythmia requiring intravenous anti-arrhythmic therapy *
- 95 [PATIENT](#) has reduced conscious level (Glasgow Coma Score 12 or below) and hourly (or more frequent) Glasgow Coma Score monitoring *
- 96 Intravenous infusion of sedative agent ([PATIENT](#) receiving continuous intravenous infusion of sedative agent) *
- 97 [PATIENT](#) has status epilepticus requiring treatment with continuous intravenous infusion *
- 99 No Defined Critical Care Activity ([PATIENT](#) is not receiving any of the critical care interventions listed above (Excluding code 21). For example, [PATIENT](#) is on the Intensive Care Unit ready for discharge and is receiving normal care. This is the default code.

*** Note - National Codes 80-97 should not be reported nationally until the functionality to do so becomes available in the next release of the [Commissioning Data Sets](#) and the associated XML Schema. Prior to this release, these codes must be recorded locally, however the National Codes 80-97 cannot be transmitted in the current version of the [Commissioning Data Sets](#) (Version 6-2). Further guidance can be found on the [NHS Digital](#) website at: [SCCI0075](#) and [SCCI0076](#).**

DISCHARGE METHOD (HOSPITAL PROVIDER SPELL) (RETIRED)_ renamed from **DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)**

Change to Data Element: Changed status to Retired, linked Attribute, Description, Name

Format/Length:	n1
National Codes:	See DISCHARGE METHOD
Default Codes:	8 - Not applicable - Hospital Provider Spell not finished at episode end (i.e. not discharged) or current episode unfinished 9 - Not known: a validation error

Notes:

~~[DISCHARGE METHOD \(HOSPITAL PROVIDER SPELL\)](#) is the same as attribute [DISCHARGE METHOD](#).~~

~~[DISCHARGE METHOD \(HOSPITAL PROVIDER SPELL\)](#) will be replaced with [DISCHARGE METHOD CODE \(HOSPITAL PROVIDER SPELL\)](#), which is the most recent approved national information standard to describe the required definition. This item has been retired from the NHS Data Model and Dictionary.~~

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

~~Access to this version can be obtained by emailing information.standards@hscic.gov.uk with "NHS Data Model and Dictionary - Archive Request" in the email subject line.~~

DISCHARGE METHOD (HOSPITAL PROVIDER SPELL) (RETIRED)_ renamed from **DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)**

Change to Data Element: Changed status to Retired, linked Attribute, Description, Name

~~DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)~~

Attribute:

DISCHARGE METHOD

DISCHARGE METHOD (HOSPITAL PROVIDER SPELL) (RETIRED)_ renamed from **DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)**

Change to Data Element: Changed status to Retired, linked Attribute, Description, Name

- Retired DISCHARGE METHOD (HOSPITAL PROVIDER SPELL)
- null
- Changed Description
- Changed Name from Data_Dictionary.Data_Field_Notes.D.Disa.DISCHARGE_METHOD_(HOSPITAL_PROVIDER_SPELL) to Retired.Data_Dictionary.Data_Field_Notes.D.DISCHARGE_METHOD_(HOSPITAL_PROVIDER_SPELL)

DISCHARGE METHOD CODE (HOSPITAL PROVIDER SPELL)

Change to Data Element: Changed Description

Format/Length:	an1
National Codes:	See DISCHARGE METHOD
Default Codes:	8 - Not applicable - Hospital Provider Spell not finished at episode end (i.e. not discharged) or current episode unfinished 9 - Not known: a validation error

Notes:

[DISCHARGE METHOD CODE \(HOSPITAL PROVIDER SPELL\)](#) is the same as attribute [DISCHARGE METHOD](#).

[DISCHARGE METHOD CODE \(HOSPITAL PROVIDER SPELL\)](#) 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](#).

~~[DISCHARGE METHOD \(HOSPITAL PROVIDER SPELL\)](#) will be replaced with [DISCHARGE METHOD CODE \(HOSPITAL PROVIDER SPELL\)](#), which is the most recent approved national information standard to describe the required definition.~~

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](#).

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
A and E ATTENDANCE NUMBER	max an12	None	None
ACCIDENT AND EMERGENCY DIAGNOSIS - FIRST	min an2 max an6	None	None
ACCIDENT AND EMERGENCY DIAGNOSIS - SECOND	min an2 max an6	None	None

ACCIDENT AND EMERGENCY INVESTIGATION - FIRST	min an2 max an6	None	None
ACCIDENT AND EMERGENCY INVESTIGATION - SECOND	min an2 max an6	None	None
ACCIDENT AND EMERGENCY TREATMENT - FIRST	min an2 max an6	None	None
ACCIDENT AND EMERGENCY TREATMENT - SECOND	min an2 max an6	None	None
ACTIVITY LOCATION TYPE CODE	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
ADVANCED CARDIOVASCULAR SUPPORT DAYS	max n3	None	None
ADVANCED RESPIRATORY SUPPORT DAYS	max n3	None	None
AGE AT CDS ACTIVITY DATE	max n3	None	None
AGE AT CENSUS	max n3	None	None
AGE ON ADMISSION	max n3	None	None
ATTENDANCE IDENTIFIER	max an12	None	None
BASIC CARDIOVASCULAR SUPPORT DAYS	max n3	None	None
BASIC RESPIRATORY SUPPORT DAYS	max n3	None	None
BIRTH WEIGHT	max n4	None	None
CARE PROFESSIONAL MAIN SPECIALTY CODE	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
CDS COPY RECIPIENT IDENTITY	min an3 max an12	Removed	None
CDS MESSAGE REFERENCE	max n7	None	None
CDS MESSAGE VERSION NUMBER	None	CDS062	None

CDS PRIME RECIPIENT IDENTITY	min an3 max an12	Removed	None
CDS SENDER IDENTITY	min an3 max an12	None	None
CDS UNIQUE IDENTIFIER	max an35	None	None
COMMISSIONER REFERENCE NUMBER	max an17	None	None
COMMISSIONING SERIAL NUMBER	max an6	None	None
CONSULTATION MEDIUM USED	None	01,02,03,04	None
COUNT OF DAYS SUSPENDED	max n4	None	None
CRITICAL CARE LEVEL 2 DAYS	max n3	None	Existing Format/Length states n4 - XML Schema allows max
CRITICAL CARE ACTIVITY CODE	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
CRITICAL CARE LEVEL 2 DAYS	max n3	None	None
CRITICAL CARE LEVEL 3 DAYS	max n3	None	None
CRITICAL CARE LOCAL IDENTIFIER	max an8	None	None
DERMATOLOGICAL SUPPORT DAYS	max n3	None	None
DURATION OF CARE TO PSYCHIATRIC CENSUS DATE	max n5	None	None
DURATION OF DETENTION	max n5	None	None
DURATION OF ELECTIVE WAIT	max n4	None	None
ELECTIVE ADMISSION LIST ENTRY NUMBER	max an12	None	None
EPISODE NUMBER	max an2	None	None

ETHNIC CATEGORY	max an2	None	None
GASTRO-INTESTINAL SUPPORT DAYS	max n3	None	None
GENERAL MEDICAL PRACTITIONER PRACTICE (ANTENATAL CARE)	min an3 max an12	Removed	None
GENERAL MEDICAL PRACTICE CODE (PATIENT REGISTRATION)	min an3 max an12	Removed	None
GENERAL MEDICAL PRACTITIONER (ANTENATAL CARE)	None	Removed	None
GENERAL MEDICAL PRACTITIONER (SPECIFIED)	None	Removed	None
HOSPITAL PROVIDER SPELL NUMBER	max an12	None	None
INTENDED SITE CODE (OF TREATMENT)	min an3 max an12	Removed	None
LIVER SUPPORT DAYS	max n3	None	None
LOCAL PATIENT IDENTIFIER	max an10	None	None
LOCAL PATIENT IDENTIFIER (BABY)	max an10	None	None
LOCAL PATIENT IDENTIFIER (MOTHER)	max an10	None	None
MENTAL HEALTH ACT LEGAL STATUS CLASSIFICATION CODE (AT CENSUS DATE)	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		None

MENTAL HEALTH ACT LEGAL STATUS CLASSIFICATION CODE (ON ADMISSION)		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	
NEUROLOGICAL SUPPORT DAYS	max n3	None	None
NHS SERVICE AGREEMENT LINE NUMBER	max an10	None	None
ORGAN SUPPORT MAXIMUM	None	None	00-06
ORGANISATION CODE (CODE OF COMMISSIONER)	min an3 max an12	Removed	None
ORGANISATION CODE (CODE OF PROVIDER)	min an3 max an12	Removed	None
ORGANISATION CODE (LOCAL PATIENT IDENTIFIER)	min an3 max an12	None	None
ORGANISATION CODE (LOCAL PATIENT IDENTIFIER (BABY))	min an3 max an12	None	None
ORGANISATION CODE (LOCAL PATIENT IDENTIFIER (MOTHER))	min an3 max an12	None	None
ORGANISATION CODE (PATIENT PATHWAY IDENTIFIER ISSUER)	min an3 max an12	None	None
ORGANISATION CODE (RESIDENCE RESPONSIBILITY)	min an3 max an12	Removed	None
PERSON WEIGHT	n3.n3	None	None
PRIMARY DIAGNOSIS (READ)	max an5	None	None
PROVIDER REFERENCE NUMBER	max an17	None	None
REFERRER CODE	None	Removed	None
		Removed	None

REFERRING ORGANISATION CODE	min an3 max an12		
RENAL SUPPORT DAYS	max n3	None	None
SECONDARY DIAGNOSIS (READ)	max an5	None	None
SITE CODE (OF TREATMENT)	min an3 max an12	Removed	None

For enquiries about this Change Request, please email information.standards@nhs.net