

WELSH INFORMATION STANDARDS BOARD

DSC Notice:	2019/08
Date of Issue:	8 th November 2019

Ministerial / Official Letter: N/A	Subject: Emergency Department Data Set (EDDS) Revision – Phase One
Sponsor: Roger Perks, Delivery & Performance Division, Delivery Directorate Health and Social Services Group Welsh Government	
Implementation Date: With immediate effect	

DATA STANDARDS CHANGE NOTICE

A Data Standards Change Notice (DSCN) is an information mandate for a new or revised information standard.

This DSCN was approved by the Welsh Information Standards Board (WISB) at its meeting on 24th October 2019.

WISB Reference: ISRN 2018 / 017

Summary:

This is the first phase in the work to develop the Welsh Emergency Care Data Set (WECDS).

Data sets / returns affected:

Emergency Department Data Set

Please address enquiries about this Data Standards Change Notice to the Data Standards Team in NHS Wales Informatics Service

E-mail: data.standards@wales.nhs.uk / Tel: 029 2050 2539

The Welsh Information Standards Board is responsible for appraising information standards. Submission documents and WISB Outcomes relating to the approval of this standard can be found at:

<http://howis.wales.nhs.uk/sites3/page.cfm?orgid=742&pid=24632>

DATA STANDARDS CHANGE NOTICE

Introduction

The Emergency Department Data Set (EDDS), in its current form, was first introduced in April 2009 via DSCN (2009) 02 (W). Minor revisions were made to the data set in 2010 with a later increase in scope to include a reduced data set for Minor Injury Units.

The data set was introduced to ensure both national and local stakeholders have relevant information ensure that they can plan effectively for the changes in demand and to enable measure against the standards and targets set through the National Delivery Framework

In November 2017, the NWIS Data Quality team undertook a formal review of the Emergency Department Data Set, which evidenced that there are significant fields in the data set, which are unusable. The analysis undertaken suggested that many of those unusable fields are left blank.

As part of the outcome of review, several options were presented to Welsh Government and a decision was made to redevelop the existing EDDS to align to a Welsh version of the NHS England Emergency Care Data Set. This Standard represents the first phase of that redevelopment.

Description of Change

To add the following data items to the dataset:

- Triage Start Date
- Triage Start Time
- Triage End Date
- Triage End Time
- Triage Score
- Clinical Start Date
- Clinical Start Time
- Clinical Exception Date
- Clinical Exception Time

To make changes to the following data items within the dataset:

- Triage Category
- Treatment End Date
- Treatment End Time
- Administrative End Date
- Administrative End Time

Data Dictionary Version

Where applicable, this DSCN reflects changes introduced by DSCN and/or DDCN since the release of version 4.10 of the NHS Wales Data Dictionary.

The changes introduced by such DSCNs will be published in version 4.11 of the NHS Wales Data Dictionary.

Actions Required

Actions for Local Health Boards / Trusts:

- Support the revised scope detailed in Appendix B.
- Enable the recording and submission of the new and changed data items as part of the EDDS data set, taking on board the information listed in Appendix B.

Actions for NHS Wales Informatics Service:

- Ensure the data warehouse infrastructure is updated for submission and processing.
- Where relevant introduce additional VASS checks for any new data items listed in Appendix B.

Welsh Government Delivery & Performance Division:

- Collate the submitted data and monitor the progress.

Appendix A: Table reflecting areas that are impacted as a result of this DSCN

The following table shows where there are changes to the scope and/or definitions of applicable data sets, data items, terms and other associated areas that are linked with the changes documented within this DSCN.

Each data definition type is listed below and is shown in the sequence in which it appears in this DSCN.

Data Definition Type	Name	New/Retired/Changed	Page Number
Data Set Structure	Emergency Department Data Set	Changed	5
Date Item	Triage Start Date	New	8
Data Item	Triage Start Time	New	8
Data Item	Triage End Date	New	8
Data Item	Triage End Time	New	8
Data Item	Triage Score	New	8
Data Item	Clinical Start Date	New	9
Data Item	Clinical Start Time	New	9
Data Item	Clinical Exception Date	New	11
Data Item	Clinical Exception Time	New	11
Data Item	Triage Category	Changed	11
Data Item	Treatment End Date	Changed	12
Data Item	Treatment End Time	Changed	12
Data Item	Administrative End Date	Changed	13
Data Item	Administrative End Time	Changed	13

For any new data items submitted these need to be tagged at the end of the data submission

Appendix B: Highlighted changes to be made to the NHS Wales Data Dictionary

Changes to the NHS Wales Data Dictionary are detailed below, with new text being highlighted in **blue** and deletions are shown with a **strikethrough**. The text shaded in **grey** shows existing text copied from the NHS Wales Data Dictionary.

Data Set Structure Emergency Department Data Set

	Format
<u>Record Id</u>	a1
CONTRACT DETAILS	
<u>Organisation Code (Code Of Provider)</u>	an5
PATIENT DETAILS	
<u>Local Patient Identifier (CRN)</u>	an10
<u>NHS Number</u>	n10
<u>NHS Number Status Indicator</u>	n2
<u>GP Practice Code</u>	an6
<u>Ethnic Group</u>	an2
<u>Patient's Name</u>	an70
<u>Name Format Code</u>	n1
<u>Birth Date</u>	ccyymmdd
<u>Birth Date Status</u>	n1
<u>Sex</u>	n1
<u>Patient's Usual Address1</u>	an35
<u>Patient's Usual Address2</u>	an35
<u>Patient's Usual Address 3</u>	an35
<u>Patient's Usual Address 4</u>	an35
<u>Patient's Usual Address 5</u>	an35
<u>Postcode of Usual Address</u>	an8
<u>Organisation Code (LHB Area of Residence)</u>	an3
REFERRAL DETAILS	
<u>Source of Service Request</u>	an2
<u>Referring Organisation Code</u>	an6

Referrer Code	an8
Arrival Mode	n2
Ambulance Incident Number	An8
ATTENDANCE DETAILS	
Site Code (of Treatment)	an5
Administrative Arrival Date	ccyymmdd
Administrative Arrival Time	hh:mm:ss
Health Event Date	ccyymmdd
Health Event Time	hh:mm:ss
Attendance Group	an2
Attendance Category	n2
Triage Category	n2
Accident and Emergency Investigation 1	n3
Accident and Emergency Investigation 2	n3
Accident and Emergency Investigation 3	n3
Accident and Emergency Investigation 4	n3
Accident and Emergency Investigation 5	n3
Accident and Emergency Investigation 6	n3
Accident and Emergency Principal Diagnosis Type	an3
Accident and Emergency Diagnosis Type 2	an3
Accident and Emergency Diagnosis Type 3	an3
Accident and Emergency Diagnosis Type 4	an3
Accident and Emergency Diagnosis Type 5	an3
Accident and Emergency Diagnosis Type 6	an3
Anatomical Area 1	n3
Anatomical Area 2	n3
Anatomical Area 3	n3
Anatomical Area 4	n3
Anatomical Area 5	n3
Anatomical Area 6	n3
Anatomical Side 1	n2
Anatomical Side 2	n2
Anatomical Side 3	n2

Anatomical Side 4	n2
Anatomical Side 5	n2
Anatomical Side 6	n2
Accident and Emergency Treatment 1	an3
Accident and Emergency Treatment 2	an3
Accident and Emergency Treatment 3	an3
Accident and Emergency Treatment 4	an3
Accident and Emergency Treatment 5	an3
Accident and Emergency Treatment 6	an3
Additional Incident Details	an255
Appropriateness of Attendance	n2
Outcome of Attendance	n2
Treatment End Date	ccyymmdd
Treatment End Time	hh:mm:ss
Administrative End Date Departure Date	ccyymmdd
Administrative End Time Departure Time	hh:mm:ss
Alcohol Indicator	n2
Injury Location Type	n2
Road User	n2
Presenting Complaint	an255
Mechanism of Injury	n2
Activity at Time of Injury	n2
Sport Activity	n2
Triage Start Date	ccyymmdd
Triage Start time	hh:mm:ss
Triage End date	ccyymmdd
Triage End Time	hh:mm:ss
Triage Score	n2
Clinical Start Date	ccyymmdd
Clinical Start Time	hh:mm:ss
Clinical Exception Date	ccyymmdd
Clinical Exception Time	hh:mm:ss

Data Items Emergency Department Data Set

Triage Start Date

Triage Start Date is the date that the patient is first assessed for first attendances and any unplanned follow-up attendances.

Triage is conducted by a clinical professional who has received appropriate training.

Format: ccyymmdd

Triage Start Time

Triage Start Time is the time, that the patient is first assessed for first attendances and unplanned follow-up attendances.

Triage is conducted by a clinical professional who has received appropriate training.

Format: hh:mm:ss

Triage End Date

Triage End Date is the date, that the clinical professional has finished the triage of a patient.

Format: ccyymmdd

Triage End Time

Triage End Time is the time, that the clinical professional has finished the triage of a patient.

Format: hh:mm:ss

Triage Score

Triage score is a number, that is assigned to the patient during their initial triage using the latest version of the Manchester triage scoring process. This is linked to the triage category.

<http://www.datadictionary.wales.nhs.uk/#!/WordDocuments/triagecategory.htm>

Format: 2 digit numeric

Value	Meaning	Valid From	Valid To
01	Immediate	1 st October 2019	
02	Very Urgent	1 st October 2019	
03	Urgent	1 st October 2019	
04	Standard	1 st October 2019	
05	Non-Urgent	1 st October 2019	

Clinical Start Date

Clinical Start Date is the date, that the patient is seen by a clinical decision maker to diagnose the problem and arrange or start definite treatment as necessary.

Format: ccyyymmdd

Clinical Start Time

Clinical Start Time is the time, that the patient is seen by a clinical decision maker to diagnose the problem and arrange or start definite treatment as necessary.

Format: hh:mm:ss

Term - Clinical Exception

A Clinical Exception is the term used to identify the following cohort of patients being treated within an Emergency Department:

These patients are broken down into two broad categories: -

1. Those who need the facilities of the main emergency department, often the resuscitation room:

- Patients in the resuscitation room undergoing active resuscitation whose clinical condition would be jeopardized by the transfer to another area;
- Patients who unexpectedly deteriorate and need the continued care of emergency department specialists.
- Patients who, despite the efforts of the emergency department team are expected to die imminently and should not be moved.

2. Those who are cared for by Emergency Medicine specialists but do not need the specific facilities of the main emergency department (i.e. best cared for in a ward environment, for example an observation area or clinical decision unit that is adjacent to the main department):

- Patients needing a short period of intensive investigation to rule out serious illness who are liable to go home e.g. patients with chest pain who need tests several hours after onset of the pain (examples included patients awaiting Troponin T Test);
- Patients needing a period of a few hours recovery e.g. following sedation to enable a dislocation to be treated, after alcohol /drug ingestion, self-harm patients etc.;
- Patients requiring a period of brief treatment with the expectation of going home e.g. a person with mild dehydration who is given some fluids over a few hours;
- Patients requiring observation, e.g. minor head injury, patients after a seizure to ensure full recovery and no further fits or after possible ingestion of excessive amounts of drugs.

Clinical Exception Date

Clinical Exception Date is the date, where it is deemed clinically appropriate, any patient who meets the clinical exception criteria should be identified on the date a clinical decision is made.

Format: ccddmmyy

When a patient has been deemed to be a clinical exception this date is to be captured in Clinical Exception Date and not in Treatment End Date.

Please refer to Appendix C for further details.

Clinical Exception Time

Clinical Exception Time is the time, where it is deemed clinically appropriate, any patient who meets the clinical exception criteria should be identified at the time a clinical decision is made.

Format: hh:mm:ss

When a patient has been deemed to be a clinical exception this time is to be captured in Clinical Exception Time and not in Treatment End Time.

Please refer to Appendix C for further details.

Triage Category

Change History	
DSCN (2009) 02 (W)	Emergency Department Data Set

This data item is / was included in the following data sets / collections between the dates shown:

Data Set / Collection	Valid From	Valid To
EDDS	1 st April 2009	

The triage category is assigned to a patient as a result of an initial assessment by medical or nursing staff [a clinical professional](#) in an Emergency Department.

Format: 2 digit numeric

Value	Meaning	Valid From	Valid To
01	Priority One – Immediate	1 st April 2009	
02	Priority Two - Very Urgent	1 st April 2009	
03	Priority Three – Urgent	1 st April 2009	
04	Priority Four – Standard	1 st April 2009	
05	Priority Five - Non-Urgent	1 st April 2009	
06	See and Treat – Within 15 minutes of patient arriving at the Emergency Department	1st April 2009 1 st October 2019	

Treatment End Date

~~Accident and Emergency Department~~ Attendance Treatment End Date is the date the ~~Accident and Emergency Department~~ clinical staff has finished treating the patient in their department.

This is the date that the patient is clinically defined as:

- ready to be discharged
- ready to be transferred via ambulance to continue treatment elsewhere
- ready for admission onto a ward
- OR, the time that the patient self-discharges or dies.

Format: ccddmmyy

The Treatment End Date no longer includes any clinical exceptions.

Please refer to Appendix C for further details.

Treatment End Time

~~Accident and Emergency Department~~ Attendance Treatment End Time is the time the ~~Accident and Emergency Department~~ clinical staff has finished treating the patient in their department.

This is the time that the patient is clinically defined as:

- ready to be discharged
- ready to be transferred via ambulance to continue treatment elsewhere
- ready for admission onto a ward
- OR, the time that the patient self-discharges or dies.

~~Note: For patients being discharged from the Accident and Emergency Department because they are clinically fit to leave, the Treatment End Time and the Administrative End Time will be the same.~~

Format: hh:mm:ss

The Treatment End Time no longer includes any clinical exceptions.

Please refer to Appendix C for further details.

Administrative End Date

Departure Date

Change History	
DSCN (2009) 02 (W)	Emergency Department Data Set

This data item is / was included in the following data sets / collections between the dates shown:

Data Set / Collection	Valid From	Valid To
EDDS	1 st April 2009	

This is the date that the patient's Accident and Emergency Attendance Ends. **patient left the department.**

~~Accident and Emergency Attendance Administrative End Date~~ **Departure Date** is when one of the following criteria is met;

- The patient leaves the Accident and Emergency Department to continue their treatment elsewhere, wherever this might be, this is the point of clinical handover;
- The patient is discharged and is medically fit to leave the department;
- The patient self discharges;
- The patient dies.

*Note: Leaving the Accident and Emergency Department for a diagnostic test or other treatment does not count as the Accident and Emergency Administrative End Time **Departure Date** if the patient returns to the Accident and Emergency Department.*

Format: 8 digit numeric – ccyyymmdd

Administrative End Time

Departure Time

Change History	
DSCN (2009) 02 (W)	Emergency Department Data Set

This data item is / was included in the following data sets / collections between the dates shown:

Data Set / Collection	Valid From	Valid To
EDDS	1 st April 2009	

This is the time that the ~~patient's Accident and Emergency Attendance Ends~~ **patient left the department.**

~~Administrative End Time~~ **Departure Time** is when one of the following criteria is met;

- a. The patient leaves the Accident and Emergency Department to continue their treatment elsewhere, wherever that might be, this is the point of clinical handover;
- b. The patient is discharged and is medically fit to leave the department;
- c. The patient self discharges;
- d. The patient dies.

*Note: Leaving the ~~Accident and Emergency Department~~ for a diagnostic test or other treatment does not count as the ~~Accident and Emergency End Time~~ **Departure Time** if the patient returns to the ~~Accident and Emergency Department~~.*

Format: hh:mm:ss

Appendix C

[Letter - Director of Operations to Directors of Planning Performance](#)