

WELSH INFORMATION GOVERNANCE & STANDARDS BOARD

DSC Notice:	DSCN 2010 / 09
Date of Issue:	19 th July 2010

Ministerial / Official Letter:	Subject: Revisions to the Emergency Department Data Set
Sponsor: Service Delivery and Performance Management, Welsh Assembly Government	
Implementation Date: July 2010	

DATA SET CHANGE NOTICE

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

This DSCN was approved by the Welsh Information Governance and Standards Board (WIGSB) at its meeting on the 15th July 2010

WIGSB Reference: IGRN 2008 / 022

Summary:

The Emergency Department Data Set first introduced on the 1st April 2009 was revised in January 2010 via DSCN 2010 / 02. Further revisions are being made to reflect the following amendments:-

- Approved List of Accident and Emergency Diagnosis Types
- Minor updates to data items 'Accident and Emergency Investigations' and 'Anatomical Area'
- Inclusion of value for 'Cardiac Arrest' in the data item 'Accident and Emergency Treatment'
- Inclusion of value for 'Unspecified' in the data item 'Sport Activity'

Data sets / returns affected:

Emergency Department Data Set (EDDS)

Please address enquiries about this Data Set Change Notice to the Data Standards Team in Health Solutions Wales E-mail: data.standards@wales.nhs.uk Tel: 02920502539

The Welsh Information Governance and Standards Board is responsible for appraising information standards. Submission documents and WIGSB 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 SET CHANGE NOTICE

Introduction

Phase one roll-out of the Emergency Department Data Set commenced from 1st April 2010 as described in DSCN (2009) 02 (W). Experience gained during the roll-out phase resulted in changes to the Data Set which were later communicated via DSCN 2010 / 02.

Further work has now been undertaken to revise the data item 'Accident and Emergency Diagnosis Type'. The Diagnosis Type list has been updated to ensure that all Diagnosis Types required to be submitted centrally are included.

Although a set of EDDS Data Validity Standards were introduced on the 1st April 2010 [PMW/THOMAS/BS/EDDS], no active data quality performance monitoring of the following clinical data items will be undertaken until further notice:

- Diagnosis Type
- Anatomical Area
- Anatomical Side
- Treatment
- Investigation

Description of Change

The following changes are being applied to the Emergency Department Data Set:-

- Approved List of Accident and Emergency Diagnosis Types
- Minor updates to data items 'Accident and Emergency Investigations' and 'Anatomical Area'
- Inclusion of value for 'Cardiac Arrest' in the data item 'Accident and Emergency Treatment'
- Inclusion of value for 'Unspecified' in the data item 'Sport Activity'

Data Dictionary Version

This DSCN will be reflected in version 3.2 of the NHS Wales Data Dictionary.

Actions Required

Actions for Local Health Boards:-

1. Continue to submit the Emergency Department Data Set as per the submission requirements issued in DSCN (2009) 02 (W) and DSCN 2010 / 02
2. Undertake local mapping of Diagnosis Type values to national Accident and Emergency Diagnosis Types described in this DSCN. The Diagnosis Type list is valid from 1st July 2010; however Local Health Boards have until 1st September 2010 to complete their mapping.
3. Include additional reporting values contained within this DSCN from 1st July 2010 (July data submitted in August)

Actions for Health Solutions Wales (part of NHS Wales Informatics Service):-

1. Update Validation at Source to reflect changes described in this DSCN

General:-

1. At no stage should analysis be undertaken using 'Accident and Emergency Diagnosis Type' data submitted prior to the implementation date of this DSCN

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

The following table shows all Data Items, Terms and associated areas that are linked with the changes documented within this DSCN.

Data Definition Type	Name	New / Retired / Changed
Data Item	Accident and Emergency Diagnosis Type	Changed
Data Item	Accident and Emergency Investigations	Changed
Data Item	Accident and Emergency Treatment	Changed
Data Item	Anatomical Area	Changed
Data Item	Sport Activity	Changed

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 ~~strike through~~. The text shaded in grey shows existing text copied from the NHS Wales Data Dictionary.

Accident and Emergency Diagnosis Type

A broad list of diagnosis types, which may be identified during an Accident and Emergency Department Attendance.

Notes:

- At least one Diagnosis Type must be reported in the 'Principle Diagnosis Type' position
- Up to 5 additional 6 diagnosis types can be reported in this section of the Data Set
- Where a physical injury has taken place; 'Diagnosis Type' and 'Anatomical Area' should have a 1-1 relationship e.g. Abrasion – Hand.
- For medical conditions where anatomical area is not relevant only a diagnosis type should be recorded.
- When analysing diagnosis types ALL entries should be considered

Format: 3 character alpha numeric

Value	Meaning	Valid From	Valid To
	Wound		
01A	Laceration	1 st April 2009	
01B	Contusion	1 st April 2009	
01C	Abrasion	1 st April 2009	
01D	Soft tissue inflammation	1 st April 2009	
01Z	Wound, Unspecified	1 st April 2009	
	Head Injury		
02A	Glasgow Coma Scale 15	1 st April 2009	
02B	Glasgow Coma Scale <15	1 st April 2009	
02C	Dental Injury		
02Z	Head Injury, Unspecified	1 st April 2009	
	Fracture		
03A	Open Fracture	1 st April 2009	
03B	Closed Fracture	1 st April 2009	
03C	Fracture-Dislocation	1 st April 2009	
03Z	Fracture, Unspecified	1 st April 2009	
	Joint Injury		
04A	Sprain	1 st April 2009	
04B	Dislocation	1 st April 2009	
04C	Subluxation	1 st April 2009	

04Z	Joint Injury, Unspecified	1 st April 2009	
	Amputation		
05Z	Amputation, Unspecified	1 st April 2009	
	Soft Tissue Injury		
06A	Muscle Injury	1 st April 2009	
06B	Tendon Injury	1 st April 2009	
06C	Nerve Injury	1 st April 2009	
06D	Visceral Injury	1 st April 2009	
06E	Vascular Injury	1 st April 2009	
06Z	Soft Tissue Injury, Unspecified	1 st April 2009	
	Burns, Scalds and Thermal Conditions		
07A	Electric	1 st April 2009	
07B	Chemical	1 st April 2009	
07C	Radiation	1 st April 2009	
07D	Scald	1 st April 2009	
07E	Sunburn	1 st April 2009	
07F	Hyperthermia	1 st April 2009	
07G	Hypothermia	1 st April 2009	
07H	Frostbite	1 st April 2009	
07Z	Burns, Scalds and Thermal Conditions, Unspecified	1 st April 2009	
	Foreign Body		
08A	Ingested Foreign Body	1 st April 2009	
08Z	Foreign Body, Unspecified	1 st April 2009	
	Puncture Wounds	1 st April 2009	
09A	Needle Stick Injury	1 st April 2009	
09B	Human Bite	1 st April 2009	
09C	Animal Bite	1 st April 2009	
09D	Insect Bite or Sting	1 st April 2009	
09Z	Puncture Wounds, Unspecified	1 st April 2009	
	Poisoning or Overdose		
10A	Alcohol	1 st April 2009	
10B	Prescription Drug	1 st April 2009	
10C	Proprietary Drug	1 st April 2009	
10D	Controlled Drug	1 st April 2009	
10Z	Poisoning or Overdose, Unspecified	1 st April 2009	
	Drowning		
11A	Near Drowning	1 st April 2009	
11Z	Drowning, Unspecified	1 st April 2009	
	Infectious Disease		
12A	Notifiable Disease	1 st April 2009	

12B	Non-Notifiable Disease	1 st April 2009	
	Local Infection		
13A	Septicemia	1 st April 2009	
13Z	Infection, Unspecified	1 st April 2009	
	Respiratory Conditions		
14A	Asthma	1 st April 2009	
14B	Chronic Obstructive Pulmonary Disease	1 st April 2009	
14Z	Respiratory Condition, Unspecified	1 st April 2009	
	Endocrinological Conditions		
15A	Diabetes	1 st April 2009	
15Z	Endocrinological Conditions, Unspecified	1 st April 2009	
	Cardiac Conditions		
16A	Myocardial Infarction	1 st April 2009	
16B	Other Acute Coronary Syndrome Pathway	1 st April 2009	
16Z	Cardiac Conditions, Unspecified	1 st April 2009	
	Central Nervous System Conditions (excluding strokes)		
17A	Seizure/Convulsion	1 st April 2009	
17Z	Central Nervous System Conditions, Unspecified	1 st April 2009	
	Gastrointestinal Conditions		
18Z	Gastrointestinal Conditions, Unspecified	1 st April 2009	
	Urological Conditions (including cystitis)		
19Z	Urological Conditions (including cystitis), Unspecified	1 st April 2009	
	Dermatological Conditions		
20Z	Dermatological Conditions, Unspecified	1 st April 2009	
	Psychological/Psychiatric Conditions		
21Z	Psychological/Psychiatric Conditions, Unspecified	1 st April 2009	
	Obstetric Conditions		
22Z	Obstetric Conditions, Unspecified	1 st April 2009	
	Gynecological Conditions		
23Z	Gynecological Conditions, Unspecified	1 st April 2009	
	Allergy (including Anaphylaxis)		
24Z	Allergy (including Anaphylaxis),	1 st April 2009	

	Unspecified		
	Social Problems (including Chronic Alcohol, Drug Abuse, Homelessness)		
25Z	Social Problems, Unspecified	1 st April 2009	
98Z	Nothing Abnormal Detected	1 st April 2009	
99Z	Diagnosis Type Not Otherwise Specified	1 st April 2009	

Value	Meaning	Valid From	Valid To
	Wound		
01A	Laceration	1 st July 2010	
01B	Contusion	1 st July 2010	
01C	Abrasion	1 st July 2010	
01D	Soft tissue inflammation	1 st July 2010	
01Z	Wound, other or unspecified	1 st July 2010	
	Head Injury		
02A	Glasgow Coma Score 15	1 st July 2010	
02B	Glasgow Coma Score <15	1 st July 2010	
02C	Dental Injury	1 st July 2010	
02Z	Head Injury, other or unspecified	1 st July 2010	
	Fracture		
03A	Open Fracture	1 st July 2010	
03B	Closed Fracture	1 st July 2010	
03C	Fracture Dislocation	1 st July 2010	
03Z	Fracture, other or unspecified	1 st July 2010	
	Joint Injury		
04A	Sprain	1 st July 2010	
04B	Dislocation	1 st July 2010	
04C	Subluxation	1 st July 2010	
04Z	Joint Injury, other or unspecified	1 st July 2010	
	Amputation		
05Z	Amputation, other or unspecified	1 st July 2010	
	Soft Tissue Injury		
06A	Muscle Injury	1 st July 2010	
06B	Tendon Injury	1 st July 2010	
06C	Nerve Injury	1 st July 2010	
06D	Visceral Injury	1 st July 2010	
06E	Vascular Injury	1 st July 2010	
06Z	Soft Tissue Injury, other or unspecified	1 st July 2010	
	Burns, Scalds and Thermal		

	Conditions		
07A	Electric	1 st July 2010	
07B	Chemical	1 st July 2010	
07C	Radiation	1 st July 2010	
07D	Scald	1 st July 2010	
07E	Sunburn	1 st July 2010	
07F	Hyperthermia	1 st July 2010	
07G	Hypothermia	1 st July 2010	
07H	Frostbite	1 st July 2010	
07Z	Burns, Scalds and Thermal Conditions, other or unspecified	1 st July 2010	
	Foreign Body		
08A	Ingested Foreign Body	1 st July 2010	
08Z	Foreign Body, other or unspecified	1 st July 2010	
	Puncture Wounds		
09A	Needle Stick Injury	1 st July 2010	
09B	Human Bite	1 st July 2010	
09C	Animal Bite	1 st July 2010	
09D	Insect Bite or Sting	1 st July 2010	
09Z	Puncture Wounds, other or unspecified	1 st July 2010	
	Poisoning or Overdose		
10A	Alcohol	1 st July 2010	
10B	Prescribed Drug	1 st July 2010	
10C	Non-prescribed/purchased drug	1 st July 2010	
10D	Illicit Drug	1 st July 2010	
10Z	Poisoning or Overdose, other or unspecified	1 st July 2010	
	Drowning		
11A	Near Drowning	1 st July 2010	
11Z	Drowning, other or unspecified	1 st July 2010	
	Infectious Disease		
12A	Notifiable Disease	1 st July 2010	
12B	Non-notifiable Disease	1 st July 2010	
	Local Infection		
13A	Septicaemia	1 st July 2010	
13Z	Infection, other or unspecified	1 st July 2010	
	Respiratory Conditions		
14A	Asthma	1 st July 2010	
14B	Chronic Obstructive Pulmonary disease	1 st July 2010	
14Z	Respiratory Conditions, other or	1 st July 2010	

	unspecified		
	Endocrinological Conditions		
15A	Diabetes	1 st July 2010	
15Z	Endocrinological Conditions, other or unspecified	1 st July 2010	
	Cardiovascular Conditions		
16A	Myocardial Infarction	1 st July 2010	
16B	Vascular Condition	1 st July 2010	
16Z	Cardiovascular Conditions, other or unspecified	1 st July 2010	
	Neurological Conditions		
17A	Seizure/Convulsion	1 st July 2010	
17B	Cerebrovascular Event	1 st July 2010	
17Z	Neurological Conditions, other or unspecified	1 st July 2010	
	Gastrointestinal Conditions		
18Z	Gastrointestinal Conditions, other or unspecified	1 st July 2010	
	Urological Conditions		
19Z	Urological Conditions, other or unspecified	1 st July 2010	
	Dermatological Conditions		
20Z	Dermatological Conditions, other or unspecified	1 st July 2010	
	Psychological/Psychiatric Conditions		
21Z	Psychological/Psychiatric Conditions, other or unspecified	1 st July 2010	
	Obstetric Conditions		
22Z	Obstetric Conditions, other or unspecified	1 st July 2010	
	Gynaecological Conditions		
23Z	Gynaecological Conditions, other or unspecified	1 st July 2010	
	Haematological Conditions		
24Z	Haematological Conditions, other or unspecified	1 st July 2010	
	Ophthalmic Conditions		
25Z	Ophthalmic Conditions, other or unspecified	1 st July 2010	
	Rheumatological Conditions		
26Z	Rheumatological Conditions, other or unspecified	1 st July 2010	
	Genito-Urinary Medicine		
27Z	Genito-urinary Medicine, other or unspecified	1 st July 2010	

	Ear, Nose and Throat Conditions		
28Z	Ear, Nose and Throat Conditions, other or unspecified	1 st July 2010	
	Pain		
29A	Chest Pain, non cardiac	1 st July 2010	
29B	Abdominal Pain	1 st July 2010	
29Z	Pain, other or unspecified	1 st July 2010	
	Allergy (including Anaphylaxis)		
30Z	Allergy (including Anaphylaxis), other or unspecified	1 st July 2010	
	Social Problems/Homelessness		
31A	Chronic Alcohol Abuse	1 st July 2010	
31B	Chronic Drug Abuse	1 st July 2010	
31Z	Social Problems/Homelessness, other or unspecified	1 st July 2010	
97Z	Nothing Abnormal Detected	1 st July 2010	
98Z	Diagnosis Type Not Otherwise Specified	1 st July 2010	
99Z	Diagnosis Not Recorded	1 st July 2010	

Accident and Emergency Investigations

A broad list of types of investigation which may be requested to assist with diagnosis during and Accident and Emergency Department Attendance.

Note: Up to 6 types of investigation can be listed in this section of the Data Set.

Format: 3 digit numeric

Value	Meaning	Valid From	Valid To
	Pathology		
199	Pathology, Unspecified	1 st April 2009	
	Diagnostic Imaging		
201	CT Scan	1 st April 2009	
202	MRI	1 st April 2009	
203	Ultrasound	1 st April 2009	
204	X-Ray	1 st April 2009	
205	Radionuclide Imaging	1 st April 2009	
299	Diagnostic Imaging, Other or Unspecified	1 st April 2009	
	Observation		
300	ECG	1 st April 2009	
399	Observation, Other or Unspecified	1 st April 2009	

999	Other or Unspecified	1 st April 2009	
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Accident and Emergency Treatment

A broad list of types of treatment or guidance which may be provided to a patient as a result of an Accident and Emergency Attendance.

Notes:

- The treatment fields do not directly relate to any of the diagnosis fields, but record any treatments that have taken place.
- Up to 6 treatments can be reported in this section of the Data Set

Format: 3 character alpha numeric

Value	Meaning	Valid From	Valid To
	Dressing		
01Z	Dressing, Unspecified	1 st April 2009	
	Bandage / Support		
02Z	Bandage / Support Unspecified	1 st April 2009	
	Wound Closure		
03Z	Wound Closure, Unspecified	1 st April 2009	
	Removal Foreign Body		
04Z	Removal Foreign Body, Unspecified	1 st April 2009	
	Resuscitation		
05A	Cardiac Resuscitation	1 st July 2010	
05B	Respiratory Resuscitation	1 st July 2010	
05Z	Resuscitation, Other or Unspecified	1 st April 2009	
	Manipulation		
06Z	Manipulation, Unspecified	1 st April 2009	
	Physiotherapy		
07Z	Physiotherapy, Unspecified	1 st April 2009	
	Incision and Drainage		
08Z	Incision and Drainage, Unspecified	1 st April 2009	
	Drug Administration		
09Z	Drug Administration, Unspecified	1 st April 2009	
	Surgery		
10Z	Surgery, Unspecified	1 st April 2009	
	Guidance/ Advice Only		
11A	Guidance/ Advice Only, Unspecified	1 st April 2009	
	Observation		
12Z	Observation, Unspecified	1 st April 2009	
99A	No Treatment Required	1 st April 2009	

Anatomical Area

A list of parts of the human body.

Notes:

- Up to 6 parts of the human body can be reported in this section of the data set.
- Where a physical injury has taken place, 'Diagnosis Type' and 'Anatomical Area' should have a 1-1 relationship e.g. Abrasion – Hand. .
- Where multiple body parts have been affected the value '501' should be used.
- Anatomical area also has a 1-1 relationship with Anatomical side.

Format: 3 digit numeric

Value	Meaning	Valid From	Valid To
	Head and Neck		
101	Brain	1 st April 2009	
102	Head	1 st April 2009	
103	Face	1 st April 2009	
104	Eye	1 st April 2009	
105	Ear	1 st April 2009	
106	Nose	1 st April 2009	
107	Mouth, Jaw, Teeth	1 st April 2009	
108	Throat	1 st April 2009	
109	Neck	1 st April 2009	
	Upper Limb		
201	Shoulder	1 st April 2009	
202	Axilla	1 st April 2009	
203	Upper Arm	1 st April 2009	
204	Elbow	1 st April 2009	
205	Forearm	1 st April 2009	
206	Wrist	1 st April 2009	
207	Hand	1 st April 2009	
208	Digit	1 st April 2009	
	Trunk		
301	Cervical spine	1 st April 2009	
302	Thoracic	1 st April 2009	
303	Lumbosacral spine	1 st April 2009	
304	Pelvis	1 st April 2009	

305	Chest	1 st April 2009	
306	Breast	1 st April 2009	
307	Abdomen	1 st April 2009	
308	Back/buttocks	1 st April 2009	
309	Ano/rectal	1 st April 2009	
310	Genitalia	1 st April 2009	
	Lower Limb		
401	Hip	1 st April 2009	
402	Groin	1 st April 2009	
403	Thigh	1 st April 2009	
404	Knee	1 st April 2009	
405	Lower leg	1 st April 2009	
406	Ankle	1 st April 2009	
407	Foot	1 st April 2009	
408	Toe	1 st April 2009	
	Multiple Site		
501	Multiple Site	1 st April 2009	
998	Not Applicable – Anatomical Area Not Relevant	1 st April 2009	
999	Anatomical Area Other or Unspecified	1 st April 2009	

Sport Activity

The sport in which the patient was participating at the time of injury that led to the Accident and Emergency Department attendance.

This should only be completed when the 'Activity at Time of Injury' is '03 – Sport'

Format: 2 digit numeric

Value	Meaning	Valid From	Valid To
01	Aero sports	1 st April 2009	
02	Badminton	1 st April 2009	
03	Baseball	1 st April 2009	
04	Basketball	1 st April 2009	
05	Climbing	1 st April 2009	
06	Combat sports	1 st April 2009	
07	Cricket	1 st April 2009	
08	Cycling	1 st April 2009	

09	Golf	1 st April 2009	
10	Gymnastics	1 st April 2009	
11	Hockey	1 st April 2009	
12	Horse Riding	1 st April 2009	
13	Ice-skating	1 st April 2009	
14	Motor sports	1 st April 2009	
15	Netball	1 st April 2009	
16	Rugby union	1 st April 2009	
17	Rugby league	1 st April 2009	
18	Running/jogging	1 st April 2009	
19	Skateboard/Roller Blades/skates	1 st April 2009	
20	Skiing	1 st April 2009	
21	Soccer	1 st April 2009	
22	Squash	1 st April 2009	
23	Swimming	1 st April 2009	
24	Tennis	1 st April 2009	
25	Water sports	1 st April 2009	
26	Weightlifting	1 st April 2009	
27	Other sports	1 st April 2009	
98	Not Applicable – Non Injury / Non Sport Injury	1 st February 2010	
99	Sport Activity Unspecified	1 st July 2010	