

Data Dictionary: Accident and Emergency

Contents

Introduction	3
Categories:	
Attendances	4
Clinical diagnosis	17
Clinical investigation	24
Clinical treatment	27
Geographical (Derived) Data: Residence	32
Geographical (Derived) Data: Socio-economic	46
Geographical (Derived) Data: Treatment	56
HRG data	62
Organisation data	64
Patient data	70
Patient pathway	79
Practitioner data	85
System data	88
Index	94

Version control		
Date	Version	Amendments
pre - 2009	1	
01/03/2009	2	Full Review
01/09/2010	3	PCT of main provider, HRG fields, RTT fields added
19/01/2011	4	Formatting of field name and values, updating values to Diagnosis, Treatment and Investigation derived fields, contents and index pages updated

A&E Data Dictionary

Welcome to the Accident and Emergency (A&E) Hospital Episodes Statistics (HES) Data Dictionary. If you have any feedback or suggestions about this document please don't hesitate to contact us [<http://www.hesonline.nhs.uk/Ease/servlet/ContentServer?siteID=1937&categoryID=377>].

Introducing A&E data

The A&E data set, which is made up of individual records for all A&E attendances occurring in England, is a rich source of detailed records. These records can be analysed to produce a much wider variety of statistics about patterns of service use than have previously been available from aggregate data returns.

There are known weaknesses in the data, but rather than withhold this already useful dataset we have released it as 'experimental' and are seeking feedback from data suppliers and users to help us bring about rapid improvements and developments needed to support key NHS business and policy areas.

A&E data from 2007-08 is currently available in HES. For more information about A&E data, please see the HESonline website [<http://www.hesonline.nhs.uk>].

About the data dictionary

The A&E data is made up of many data items relating to A&E attendances delivered by NHS organisations in England. Many of these items form part of the national Commissioning Data Set (CDS), and are generated by the patient administration systems within each hospital.

In line with other HES datasets, a number of cleaning rules have been applied to the A&E data. To find out more details about these please refer to the A&E cleaning rules document on HESonline [<http://www.hesonline.nhs.uk>].

In addition to the CDS items, HES provides information that is derived from these. For example, the age of the patient is derived from their date of birth and attendance date. These derivations assist in the production of aggregate summaries (tabulations), and also help ensure patient confidentiality.

This version of the A&E Data Dictionary is split into a number of different categories. You can find details of the categories and items within them in the contents list below.

Copyright

Many of the data field descriptions contained within this document have been sourced from the NHS Connecting for Health's NHS Data Model and Dictionary Service [<http://www.connectingforhealth.nhs.uk/systemsandservices/data/datamodeldictionary/datamodeldictionary/content>].

If you wish to re-use any information in this document please complete and submit the copyright re-use form provided at the end of this document.

Attendances

Arrival mode (aearrivalmode)	5
Attendance category (aeattendcat)	5
Attendance disposal (aeattenddisp)	6
Attendance number (aeattendno)	7
Department type (aedepttype)	7
Duration to assessment (initdur)	8
Duration to treatment (tretdur)	8
Duration to conclusion (concldur)	9
Duration to departure (depdur)	9
Incident location type (aeincloctype)	10
Patient group (aepatgroup)	11
Source of referral (aerefsource)	12
Staff member code (aestaffcode)	13
Arrival date (arrivaldate)	13
Arrival time (arrivaltime)	14
Initial assessment time (inittime)	14
Time seen for treatment (trettime)	15
Conclusion time (concltime)	15
Departure time (deptime)	16

HES field name **Arrival mode**

Field	aearrivalmode
Class	Attendances
Length and format	1n
Availability	2007-08 onwards

Description

The mode by which a patient arrived at an A&E department.

Value

- 1 = Brought in by ambulance (including helicopter / Air Ambulance)
- 2 = Other
- 9 = Not known

Data cleaning	Rule 84
----------------------	---------

HES field name **Attendance category**

Field	aeattendcat
Class	Attendances
Length and format	1n
Availability	2007-08 onwards

Description

An indication of whether a patient is making an initial or follow-up attendance within a particular A&E Department.

The first attendance (1) is the first in a series, or the only attendance, in a particular A&E Episode.

A planned follow-up A&E attendance (2) is a subsequent planned attendance at the same department, and for the same incident as the first attendance.

An unplanned follow-up A&E attendance (3) is a subsequent unplanned attendance at the same department, and for the same incident as the first attendance.

Value

- 1 = First Accident and Emergency attendance
- 2 = Follow-up Accident and Emergency attendance - planned
- 3 = Follow-up Accident and Emergency attendance - unplanned
- 9 = Not known

Data cleaning	Rule 86
----------------------	---------

HES field name **Attendance disposal**

Field	aeattenddisp
-------	--------------

Class	Attendances
-------	-------------

Length and format	2n
-------------------	----

Availability	2007-08 onwards
--------------	-----------------

Description

The way in which an A&E attendance might end.

Value

01 = Admitted to hospital bed / became a lodged patient of the same health care provider

02 = Discharged – follow-up treatment to be provided by general practitioner

03 = Discharged – did not require any follow-up treatment

04 = Referred to A&E clinic

05 = Referred to fracture clinic

06 = Referred to other outpatient clinic

07 = Transferred to other healthcare provider

10 = Died in department

11 = Referred to other healthcare professional

12 = Left department before being treated

13 = Left department having refused treatment

14 = Other

99 = Not known

Data cleaning	Rule 88
---------------	---------

HES field name	Attendance number
Field	aeattendno
Class	Attendances
Length and format	12an
Availability	2007-08 onwards
Description	
A unique ID number assigned by the A&E department.	
The Attendance number (aeattendno) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).	
Value	
12an = Unique ID assigned by the A&E department.	
Data cleaning	Data not cleaned

HES field name	Department type
Field	aedepttype
Class	Attendances
Length and format	2an
Availability	2007-08 onwards
Description	
A classification of A&E department type according to the activity carried out.	
Value	
01 = Emergency departments are a consultant led 24-hour service with full resuscitation facilities and designated accommodation for the reception of accident and emergency patients	
02 = Consultant-led mono specialty accident and emergency service (eg ophthalmology, dental) with designated accommodation for the reception of patients	
03 = Other type of A&E/minor injury activity with designated accommodation for the reception of accident and emergency patients. The department may be doctor led or nurse led and treats at least minor injuries and illnesses and can be routinely accessed without appointment. A service mainly or entirely appointment based (for example a GP practice or outpatient clinic) is excluded even though it may treat a number of patients with minor illness or injury. Excludes NHS walk-in centres	
04 = NHS walk-in centres	
99 = Not known	
Data cleaning	Rule 102

HES field name **Duration to assessment**

Field	initdur
Class	Attendances
Length and format	4n
Availability	2007-08 onwards

Description

The time (expressed as a whole number of minutes) between the patient's arrival and their initial assessment.

Value

4n = The time (in whole minutes) between the patient's arrival and their initial assessment

Data cleaning	Rule 250
----------------------	----------

HES field name **Duration to treatment**

Field	tretdur
Class	Attendances
Length and format	4n
Availability	2007-08 onwards

Description

The time (expressed as a whole number of minutes) between the patient's arrival and the start of their treatment.

Value

4n = The time (in minutes) between the patient's arrival and the start of their treatment

Data cleaning	Rule 260
----------------------	----------

HES field name **Duration to conclusion**

Field	concldur
Class	Attendances
Length and format	4n
Availability	2007-08 onwards

Description

The time (expressed as a whole number of minutes) between the patient's arrival and conclusion of their attendance or treatment (whichever is later).

Value

4n = The time (in whole minutes) between the patient's arrival and the conclusion of their attendance or treatment (whichever is later)

Data cleaning	Rule 270
----------------------	----------

HES field name **Duration to departure**

Field	depdur
Class	Attendances
Length and format	4n
Availability	2007-08 onwards

Description

The time (expressed as a whole number of minutes) between the patient's arrival, and the time the A&E attendance has concluded and the department is no longer responsible for the care of the patient.

Value

4n = The time (in minutes) between the patient's arrival and when the A&E attendance has concluded

Data cleaning	Rule 274
----------------------	----------

HES field name	Incident location type
Field	aeincloctype
Class	Attendances
Length and format	2an
Availability	2007-08 onwards
Description	
Classification of the place where the incident occurred that led to an A&E episode.	
Value	
10 = Home	
40 = Work	
50 = Educational establishment	
60 = Public place	
91 = Other	
99 = Not known	
Data cleaning	Rule 92

HES field name	Patient group
Field	aepatgroup
Class	Attendances
Length and format	2an
Availability	2007-08 onwards
Description	
The reason for an A&E episode.	
Value	
10 = Road traffic accident	
20 = Assault	
30 = Deliberate self-harm	
40 = Sports injury	
50 = Firework injury	
60 = Other accident	
70 = Brought in dead	
80 = Other than above	
99 = Not known	
Data cleaning	Rule 96

HES field name	Source of referral
Field	aerefsource
Class	Attendances
Length and format	2an
Availability	2007-08 onwards
Description	
The source of referral for each A&E episode.	
Value	
00 = General medical practitioner	
01 = Self referral	
02 = Local authority social services	
03 = Emergency services	
04 = Work	
05 = Educational establishment	
06 = Police	
07 = Health care provider: same or other	
08 = Other	
92 = General dental practitioner	
93 = Community dental service	
99 = Not known	
Data cleaning	Rule 98

HES field name **Staff member code**

Field	aestaffcode
Class	Attendances
Length and format	3an
Availability	2007-08 onwards

Description

A local code used to identify the person principally responsible for the care of a patient during an A&E attendance. This will mainly be the person who took responsibility for the discharge of the patient.

The Staff member code (aestaffcode) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

3an = Local code to identify the person principally responsible for the care of a patient

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **Arrival date**

Field	arrivaldate
Class	Attendances
Length and format	ddmmyyyy
Availability	2007-08 onwards

Description

The arrival date of a patient in the A&E department.

Value

ddmmyyyy = The arrival date of a patient in the A&E department

Data cleaning	Rule 30
----------------------	---------

HES field name **Arrival time**

Field	arrivaltime
Class	Attendances
Length and format	hhmm
Availability	2007-08 onwards

Description

The time of patient arrival in the A&E department. For 'urgent transport requests' this is the time the vehicle arrives at the specified destination.

Value

hhmm = The time a patient arrives in the A&E department

Data cleaning	Rule 70
----------------------	---------

HES field name **Initial assessment time**

Field	inittime
Class	Attendances
Length and format	hhmm
Availability	2007-08 onwards

Description

The time when a patient is assessed by medical or nursing staff in an A&E department to determine priority for treatment. The assessment should be conducted by medical or nursing staff who have received appropriate training in triage.

Value

hhmm = The time when a patient is assessed by medical or nursing staff

Data cleaning	Rule 76
----------------------	---------

HES field name **Time seen for treatment**

Field	trettime
Class	Attendances
Length and format	hhmm
Availability	2007-08 onwards

Description

The time, recorded using a 24 hour clock, that the patient is seen by a health professional to diagnose the problem and arrange or start tests and start treatment as necessary.

Value

hhmm = The time the patient is seen to diagnose the problem

Data cleaning	Rule 79
----------------------	---------

HES field name **Conclusion time**

Field	concltime
Class	Attendances
Length and format	hhmm
Availability	2007-08 onwards

Description

The time that a patient's A&E attendance ends or when treatment in A&E is completed (whichever is the later).

Value

hhmm = The time that a patient's A&E attendance end or treatment is completed

Data cleaning	Rule 82
----------------------	---------

HES field name **Departure time**

Field	deptime
-------	---------

Class	Attendances
-------	-------------

Length and format	hhmm
-------------------	------

Availability	2007-08 onwards
--------------	-----------------

Description

A&E departure time is the time that a patient leaves the A&E department after an A&E attendance has concluded and the department is no longer responsible for the care of the patient. Temporary absences from the A&E department are ignored.

For example, during an A&E attendance the patient may leave the department for a short time for an X-ray, but they remain under the care of an A&E consultant.

Note that A&E Attendance Conclusion time and A&E Departure times will be different for patients who wait for transport or who are lodged patients prior to admission to a ward.

Value

hhmm = The time that a patient leaves the A&E department

Data cleaning	Rule 73
---------------	---------

Clinical diagnosis

A&E diagnosis (diag n)	18
A&E diagnosis - 2 character (diag2 n D)	18
A&E diagnosis - 3 character (diag3 n D)	20
A&E diagnosis - anatomical area (diaga n D)	22
A&E diagnosis - anatomical side (diags n D)	23

HES field name	A&E diagnosis
Field	diag n
Class	Clinical diagnoses
Length and format	6an
Availability	2007-08 onwards
Description	
<p>The A&E diagnosis code recorded for an A&E attendance. The CDS allows an unlimited number of diagnoses to be submitted, however, only the first 12 diagnoses are available within HES.</p> <p>The A&E diagnosis is a six character code made up of, diagnosis condition (n2), sub-analysis (n1), anatomical area (n2) and anatomical side (an1). Only certain diagnoses contain a sub-analysis.</p>	
Value	
6an = An A&E diagnosis classification code	
Data cleaning	Data not cleaned

HES field name	A&E diagnosis: 2 character
Field	diag2 n D
Class	Clinical diagnoses
Length and format	Various
Availability	2007-08 onwards
Description	
<p>The A&E diagnosis description at 2-character level covering the diagnosis condition.</p> <p>This field contains a description based on the diagnosis condition (first 2 characters) of the A&E diagnosis and only displays a code where it is unclassifiable against the A&E Diagnosis classification.</p>	
Value	
<p>01 = Laceration 02 = Contusion/abrasion 03 = Soft tissue inflammation 04 = Head injury 05 = Dislocation/fracture/joint injury/amputation 06 = Sprain/ligament injury 07 = Muscle/tendon injury 08 = Nerve injury 09 = Vascular injury 10 = Burns and scalds 11 = Electric shock 12 = Foreign body</p>	

- 13 = Bites/stings
- 14 = Poisoning (inc overdose)
- 15 = Near drowning
- 16 = Visceral injury
- 17 = Infectious disease
- 18 = Local infection
- 19 = Septicaemia
- 20 = Cardiac conditions
- 21 = Cerebro-vascular conditions
- 22 = Other vascular conditions
- 23 = Haematological conditions
- 24 = Central nervous system conditions (exc stroke)
- 25 = Respiratory conditions
- 26 = Gastrointestinal conditions
- 27 = Urological conditions (inc cystitis)
- 28 = Obstetric conditions
- 29 = Gynaecological conditions
- 30 = Diabetes and other endocrinological conditions
- 31 = Dermatological conditions
- 32 = Allergy (inc anaphylaxis)
- 33 = Facio-maxillary conditions
- 34 = ENT conditions
- 35 = Psychiatric conditions
- 36 = Ophthalmological conditions
- 37 = Social problems (inc chronic alcoholism and homelessness)
- 38 = Diagnosis not classifiable
- 39 = Nothing abnormal detected

Data cleaning

Rule 590

HES field name A&E diagnosis: 3 character

Field	diag3 n D
Class	Clinical diagnoses
Length and format	Various
Availability	2007-08 onwards

Description

The A&E diagnosis description at 3-character level, covering the diagnosis condition and the sub-analysis.

Note that if no sub-analysis has been provided or is not applicable then the 2-character description will be displayed if available.

This field contains a description based on the diagnosis condition and sub-analysis (first 3 characters where applicable) and only displays a code where it is unclassifiable against the A&E Diagnosis classification.

Value

01 = Laceration
 021 = Contusion
 022 = Abrasion
 03 = Soft tissue inflammation
 041 = Concussion
 042 = Other head injury
 051 = Dislocation
 052 = Open fracture
 053 = Closed fracture
 054 = Joint injury
 055 = Amputation
 06 = Sprain/ligament injury
 07 = Muscle/tendon injury
 08 = Nerve injury
 09 = Vascular injury
 101 = Burns and scalds - electric
 102 = Burns and scalds - thermal
 103 = Burns and scalds - chemical
 104 = Burns and scalds - radiation
 11 = Electric shock
 12 = Foreign body
 13 = Bites/stings
 141 = Poisoning (inc overdose) - prescriptive drugs
 142 = Poisoning (inc overdose) - proprietary drugs
 143 = Poisoning (inc overdose) - controlled drugs
 144 = Poisoning (inc overdose) - other, inc alcohol
 15 = Near drowning
 16 = Visceral injury
 171 = Infectious disease - notifiable
 172 = infectious disease - non-notifiable
 18 = Local infection
 19 = Septicaemia
 201 = Cardiac conditions - myocardial ischaemia & infarction
 202 = Cardiac conditions - other non-ischaemia
 21 = Cerebro-vascular conditions

22 = Other vascular conditions
23 = Haematological conditions
241 = Central nervous system conditions - epilepsy
242 = Central nervous system conditions - other non-epilepsy
251 = Respiratory conditions - bronchial asthma
252 = Respiratory conditions - other non-asthma
261 = Gastrointestinal conditions - haemorrhage
262 = Gastrointestinal conditions - acute abdominal pain
263 = Gastrointestinal conditions - other
27 = Urological conditions (inc cystitis)
28 = Obstetric conditions
29 = Gynaecological conditions
301 = Diabetes and other endocrinological conditions - diabetic
302 = Diabetes and other endocrinological conditions - other non-diabetic
31 = Dermatological conditions
32 = Allergy (inc anaphylaxis)
33 = Facio-maxillary conditions
34 = ENT conditions
35 = Psychiatric conditions
36 = Ophthalmological conditions
37 = Social problems (inc chronic alcoholism and homelessness)
38 = Diagnosis not classifiable
39 = Nothing abnormal detected

Data cleaning

Rule 590

HES field name A&E diagnosis - anatomical area

Field	diaga n D
Class	Clinical Diagnoses
Length and format	Various
Availability	2007-08 onwards

Description

The A&E diagnosis anatomical area (a classification of parts of the human body).

This field contains a description of the diagnosis anatomical area and only displays a code where it is unclassifiable against the A&E Diagnosis classification.

Value

01 = Brain
02 = Head
03 = Face
04 = Eye
05 = Ear
06 = Nose
07 = Mouth,Jaw,Teeth
08 = Throat
09 = Neck
10 = Shoulder
11 = Axilla
12 = Upper Arm
13 = Elbow
14 = Forearm
15 = Wrist
16 = Hand
17 = Digit
18 = Cervical spine
19 = Thoracic
20 = Lumbosacral spine
21 = Pelvis
22 = Chest
23 = Breast
24 = Abdomen
25 = Back/buttocks
26 = Ano/rectal
27 = Genitalia
28 = Hip
29 = Groin
30 = Thigh
31 = Knee
32 = Lower leg
33 = Ankle
34 = Foot
35 = Toe
36 = Multiple sites

Data cleaning	Rule 590
----------------------	----------

HES field name A&E diagnosis - anatomical side

Field	diagnosis D
Class	Clinical Diagnoses
Length and format	Various
Availability	2007-08 onwards

Description

The A&E diagnosis anatomical side (an indication of the side of the human body).

This field contains a description of the diagnosis anatomical side and only displays a code where it is unclassifiable against the A&E Diagnosis classification.

Value

L = Left
R = Right
B = Bilateral
8 = Not applicable

Data cleaning	Rule 590
----------------------	----------

Clinical Investigation

A&E Investigation (invest n)	25
A&E Investigation - 2 Char (invest n D)	26

HES field name	A&E investigation
Field	invest n
Class	Clinical Investigations
Length and format	6an
Availability	2007-08 onwards
Description	
<p>The A&E investigation recorded for an A&E attendance. The CDS allows an unlimited number of investigations to be submitted, however, only the first 12 investigations are available within HES.</p> <p>The A&E investigation is a six character code made up of, investigation (n2) and local sub-analysis (up to an4). As the sub-analysis is for local use it cannot be classified.</p>	
Value	
6an = An A&E investigation classification code	
Data cleaning	Data not cleaned

HES field name	A&E Investigation: 2 character
Field	invest n D
Class	Clinical Investigations
Length and format	Various
Availability	2007-08 onwards
Description	
<p>The A&E investigation description.</p> <p>This field contains a description based upon the investigation (first 2 characters) of the A&E investigation code and only displays a code where it is unclassifiable against the A&E Investigation classification.</p>	
Value	
01 = X-ray plain film 02 = Electrocardiogram 03 = Haematology 04 = Cross match blood/group & save serum for later cross match 05 = Biochemistry 06 = Urinalysis 07 = Bacteriology 08 = Histology 09 = Computerised tomography (retired 2006) 10 = Ultrasound 11 = Magnetic resonance imaging 12 = Computerised tomography (exc genito urinary contrast examination/tomography) 13 = Genito urinary contrast examination/tomography 14 = Clotting studies 15 = Immunology 16 = Cardiac enzymes 17 = Arterial/capillary blood gas 18 = Toxicology 19 = Blood culture 20 = Serology 21 = Pregnancy test 22 = Dental investigation 23 = Refraction, orthoptic tests and computerised visual fields 24 = None 99 = Other	
Data cleaning	Data not cleaned

Clinical Treatment

A&E Treatment (treat n)	28
A&E Treatment - 2 Char (treat2 n D)	28
A&E Treatment - 3 Char (treat3 n D)	30

HES field name	A&E treatment
Field	treat n
Class	Clinical Treatments
Length and format	6an
Availability	2007-08 onwards
Description	
<p>The A&E treatment recorded for an A&E attendance. The CDS allows an unlimited number of treatments to be submitted, however, only the first 12 treatments are available within HES.</p> <p>The A&E treatment is a six character code made up of, treatment (n2), sub-analysis (n1) and a local use section (up to an3). As the local use section is used for local codes it cannot be classified.</p>	
Value	
6an = An A&E treatment classification code	
Data cleaning	Data not cleaned

HES field name	A&E Treatment: 2 character
Field	treat2 n D
Class	Clinical Treatments
Length and format	Various
Availability	2007-08 onwards
Description	
<p>The A&E treatment description at 2-character level covering the treatment.</p> <p>This field contains a description based upon the treatment (first 2 characters) of the A&E treatment code and only displays a code where it is unclassifiable against the A&E Investigation classification.</p>	
Value	
<p>01 = Dressing 02 = Bandage/support 03 = Sutures 04 = Wound closure (exc sutures) 05 = Plaster of Paris 06 = Splint 07 = Prescription (retired 2006) 08 = Removal foreign body 09 = Physiotherapy 10 = Manipulation 11 = Incision and drainage 12 = Intravenous cannula</p>	

- 13 = Central line
- 14 = Lavage/emesis/charcoal/eye irrigation
- 15 = Intubation & Endotracheal tubes/laryngeal mask airways/rapid sequence induction
- 16 = Chest drain
- 17 = Urinary catheter/suprapubic
- 18 = Defibrillation/pacing
- 19 = Resuscitation/cardiopulmonary resuscitation
- 20 = Minor surgery
- 21 = Observation/electrocardiogram,pulse oximetry/head injury/trends
- 22 = Guidance/advice only
- 23 = Anaesthesia
- 24 = Tetanus
- 25 = Nebulise/spacer
- 27 = Other (consider alternatives)
- 28 = Parenteral thrombolysis
- 29 = Other parenteral drugs
- 30 = Recording vital signs
- 31 = Burns review
- 32 = Recall/x-ray review
- 33 = Fracture review
- 34 = Wound cleaning
- 35 = Dressing/wound review
- 36 = Sling/collar cuff/broad arm sling
- 37 = Epistaxis control
- 38 = Nasal airway
- 39 = Oral airway
- 40 = Supplemental oxygen
- 41 = Continuous positive airways pressure/nasal intermittent positive pressure ventilation/bag valve mask
- 42 = Arterial line
- 43 = Infusion fluids
- 44 = Blood product transfusion
- 45 = Pericardiocentesis
- 46 = Lumbar puncture
- 47 = Joint aspiration
- 48 = Minor plastic procedure/splint skin graft
- 49 = Active rewarming of the hypothermic patient
- 50 = Cooling - control body temperature
- 51 = Medication administered
- 52 = Occupational therapy
- 53 = Loan of walking aid (crutches)
- 54 = Social worker intervention
- 55 = Eye
- 56 = Dental treatment
- 57 = Prescription/medicines prepared to take away
- 99 = None (consider guidance/advice option)

Data cleaning

Rule 595

HES field name A&E Treatment: 3 character

Field	treat3 n D
Class	Clinical Treatments
Length and format	Various
Availability	2007-08 onwards

Description

The A&E treatment description at 3-character level, covering the treatment and the sub-analysis.

Note that if no sub-analysis has been provided, or is not applicable, then the 2-character description will be displayed if available.

This field contains a description based on the treatment and sub-analysis (first 3 characters where applicable) and only displays a code where it is unclassifiable against the A&E Diagnosis classification.

Value

011 = Dressing minor wound/burn/eye
 012 = Dressing major wound/burn
 02 = Bandage/support
 031 = Primary sutures
 032 = Secondary/complex suture
 033 = Removal of sutures/clips
 041 = Wound closure - steristrips
 042 = Wound closure - wound glue
 043 = Wound closure - other (eg clips)
 051 = Plaster of Paris - application
 052 = Plaster of Paris - removal
 06 = Splint
 07 = Prescription (retired 2006)
 08 = Removal foreign body
 091 = Physiotherapy - strapping, ultra sound treatment, short wave diathermy, manipulation
 092 = Physiotherapy - gait re-education, falls prevention
 101 = Manipulation of upper limb fracture
 102 = Manipulation of lower limb fracture
 103 = Manipulation of dislocation
 11 = Incision and drainage
 12 = Intravenous cannula
 13 = Central line
 14 = Lavage/emesis/charcoal/eye irrigation
 15 = Intubation & Endotracheal tubes/laryngeal mask airways/rapid sequence induction
 16 = Chest drain
 17 = Urinary catheter/suprapubic
 181 = Defibrillation
 182 = External pacing
 19 = Resuscitation/cardiopulmonary resuscitation
 20 = Minor surgery
 21 = Observation/electrocardiogram, pulse oximetry/head injury/trends
 221 = Guidance/advice only - written
 222 = Guidance/advice only - verbal
 231 = Anaesthesia - general
 232 = Anaesthesia - local
 233 = Anaesthesia - regional block
 234 = Anaesthesia - etonox
 235 = Anaesthesia - sedation
 236 = Anaesthesia - other
 241 = Tetanus - immune

242 = Tetanus - tetanus toxoid course
 243 = Tetanus - tetanus toxoid booster
 244 = Tetanus - human immunoglobulin
 245 = Tetanus - combined tetanus/diphtheria course
 246 = Tetanus - combined tetanus/diphtheria booster
 25 = Nebulise/spacer
 27 = Other (consider alternatives)
 281 = Parenteral thrombolysis - streptokinase parenteral thrombolysis
 282 = Parenteral thrombolysis - recombinant - plasminogen activator
 291 = Other parenteral drugs - intravenous drug eg stat/bolus
 292 = Other parenteral drugs - intravenous infusion
 30 = Recording vital signs
 31 = Burns review
 32 = Recall/x-ray review
 33 = Fracture review
 34 = Wound cleaning
 35 = Dressing/wound review
 36 = Sling/collar cuff/broad arm sling
 37 = Epistaxis control
 38 = Nasal airway
 39 = Oral airway
 40 = Supplemental oxygen
 41 = Continuous positive airways pressure/nasal intermittent positive pressure ventilation/bag valve mask
 42 = Arterial line
 43 = Infusion fluids
 44 = Blood product transfusion
 45 = Pericardiocentesis
 46 = Lumbar puncture
 47 = Joint aspiration
 48 = Minor plastic procedure/splint skin graft
 49 = Active rewarming of the hypothermic patient
 50 = Cooling - control body temperature
 511 = Medication administered - oral
 512 = Medication administered - intra-muscular
 513 = Medication administered - subcutaneous
 514 = Medication administered - per rectum
 515 = Medication administered - sublingual
 516 = Medication administered - intra-nasal
 517 = Medication administered - eye drops
 518 = Medication administered - ear drops
 519 = Medication administered - topical skin cream
 521 = Occupational therapy functional assessments
 522 = Occupational therapy activities of daily living equipment provision
 53 = Loan of walking aid (crutches)
 54 = Social worker intervention
 551 = Eye - orthoptic exercises
 552 = Eye - laser of retina/iris or posterior capsule
 553 = Eye - retrobulbar injection
 554 = Eye - epilation of lashes
 555 = Eye - subconjunctival injection
 56 = Dental treatment
 57 = Prescription/medicines prepared to take away
 99 = None (consider guidance/advice option)

Data cleaning

Rule 595

Geographical (Derived) Data: Residence

Cancer network (cannet)	33
Cancer registry (canreg)	33
2001 Census Output Area (oacode)	34
2001 Census Output Area (6 chars) (oacode6)	34
County of residence (rescty)	35
Current electoral ward (currward)	35
Current PCT of Residence (respct06)	36
Current Strategic HA of residence (resstha06)	36
Electoral ward 1981/1991 (ward91)	37
Government Office region of residence (resgor)	38
Health authority of residence (resha)	39
Historic PCT of Residence (respct02)	40
Historic Strategic HA of Residence (resstha02)	41
LA district of residence (resladst)	42
Ordnance Survey grid reference (gridlink)	43
Region of Residence (resro)	44
Westminster parliamentary constituency (pcon)	45

HES field name **Cancer network**

Field	cannet
Class	Geographical (Derived) data
Length and format	3an
Availability	From 2008-09 onwards

Description

The cancer registry that each postcode falls within. Further information on Cancer Registries can be found on the Department of Health website

[\[http://www.dh.gov.uk/en/Healthcare/NationalServiceFrameworks/Cancer/DH_4068586\]](http://www.dh.gov.uk/en/Healthcare/NationalServiceFrameworks/Cancer/DH_4068586).

Value

Y0201-Y1701 = Cancer Registry in England/Wales

Z9999 = Scotland/NI/Channel Island/Isle of Man (pseudo)

Null = No information available

Data cleaning	Not applicable (derived from postcode)
----------------------	--

HES field name **Cancer registry**

Field	canreg
Class	Geographical (Derived) data
Length and format	5an
Availability	From 2008-09 onwards

Description

The cancer network that each postcode falls within. Further information on Cancer Network can be found on the Department of Health website

[\[http://www.dh.gov.uk/en/Healthcare/NationalServiceFrameworks/Cancer/DH_4068463\]](http://www.dh.gov.uk/en/Healthcare/NationalServiceFrameworks/Cancer/DH_4068463).

Value

N01-N98 = Cancer Registry in England/Wales/Isle of Man

Z99 = Scotland/Northern Ireland/Channel Islands (pseudo)

Null = No information available.

Data cleaning	Not applicable (derived from postcode)
----------------------	--

HES field name **2001 Census Output Area**

Field	oacode
Class	Geographical (Derived) data
Length and format	10an
Availability	2007-08 onwards

Description

Census Output Areas (OAs) are small geographical areas that cover similar population sizes, according to the 2001 census, and are as socially homogenous as possible.

There are 165,665 Census Output Areas in England. The first six characters of this derived field represent the 2003 statistical ward.

The 2001 Census Output Area (oacode) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

10an = Census Output Area code

Data cleaning	Rule 1200
----------------------	-----------

HES field name **2001 Census Output Area (6 chars)**

Field	oacode6
Class	Geographical (Derived) data
Length and format	6an
Availability	2007-08 onwards

Description

A derived field showing the six-character ward identifier contained in the Census Output Area data.

The structure is CCDDWW, where CC = county, DD = district or UA and WW=ward.

Value

6an = 6-character Census Output Area ward identifier code

Data cleaning	Rule 1200
----------------------	-----------

HES field name **County of residence**

Field	rescty
Class	Geographical (Derived) data
Length and format	2an
Availability	2007-08 onwards

Description

The county of residence field contains a code that defines the county of residence of the patient. It is derived from the patient's postcode in the field postcode (homeadd).

Value

00 = Not available (patient was resident within a Unitary Authority)

S = Scotland

U = England (NOS)

W = Wales

Y = Not known

Z = Northern Ireland

X = Foreign

Data cleaning	Rule 1200
----------------------	-----------

HES field name **Current electoral ward**

Field	currward
Class	Geographical (Derived) data
Length and format	2an
Availability	2007-08 onwards

Description

The current electoral ward derived field contains a code which defines the current electoral ward of the patient. It is derived from the patient's postcode in the field homeadd.

When this field is concatenated with the other local authority component, LA district of residence (resladst), the result is a unique value.

Value

2an = Electoral ward

Data cleaning	Rule 1200
----------------------	-----------

HES field name	Current PCT of residence
Field	respct06
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards
Description	
This primary care trust (PCT) of residence contains the code for the PCT in which the patient is normally resident, based on the patient's postcode (homeadd).	
Value	
5** = PCT	
Taa = Care trust	
6** = Wales	
S** = Scotland	
Y** = Manx and Channel Islands	
Z** = Northern Ireland	
59898 = Other not applicable (non-England)	
59999 = Unknown PCT	
Data cleaning	Rule 1200

HES field name **Current strategic HA of residence**

Field	resstha06
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards

Description

The Strategic Health Authority (SHA) of residence field contains the code for the SHA in which the patient is normally resident, based on the patient's postcode (homeadd).

Value

Q** = SHA
 S = Scotland
 U = England (no fixed abode)
 W or Q99 = Wales
 X = Foreign
 Y = Unknown
 Z = Northern Ireland

Data cleaning	Rule 1200
----------------------	-----------

HES field name **Electoral ward 1981/1991**

Field	ward91
Class	Geographical (Derived) data
Length and format	6an
Availability	2007-08 onwards

Description

The patient's electoral ward in 1991. This field contains the full frozen 1991 Census electoral ward of the patient. It is derived from the patient's postcode in the field homeadd.

Value

6an = Electoral ward

Data cleaning	Rule 1200
----------------------	-----------

HES field name **Government Office region of residence**

Field	resgor
Class	Geographical (Derived) data
Length and format	1a
Availability	2007-08 onwards

Description

The Government Office Region field contains a code that defines the Government Office Region of residence of the patient. It is derived from the patient's postcode in the field homeadd.

Value

A = North East
B = North West
D = Yorkshire and Humber
E = East Midlands
F = West Midlands
G = East of England
H = London
J = South East
K = South West
S = Scotland
U = No fixed above
W = Wales
X = Foreign (including Isle of Man and Channel Islands)
Y = Unknown
Z = Northern Ireland

Data cleaning	Rule 1200
----------------------	-----------

HES field name Health authority of residence

Field	resha
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards

Description

The Health Authority (HA) of residence field contains the code for the HA in which the patient lived immediately before admission. It is derived from the patient's postcode in the field home address (homeadd).

This may not be the area where treatment took place Health authority of treatment (hatreat). If home address (homeadd) is not recognised, health authority of residence (resha) may be derived from the Health Authority of residence notified by the hospital (har).

Value

aaa = Health authority of residence

S = Scotland

U = England - not otherwise specified

W = Wales

X = Foreign (including Isle of Man and Channel Islands)

Y = Unknown

Z = Northern Ireland

Data cleaning	Rule 1200
----------------------	-----------

HES field name **Historic PCT of residence**

Field	respct02
-------	----------

Class	Geographical (Derived) data
-------	-----------------------------

Length and format	3an
-------------------	-----

Availability	2007-08 onwards
--------------	-----------------

Description

Primary care trust (PCT) of residence, based on 2002-03 PCT boundaries. This structure is no longer in active use and has been superseded. This derived field contains the code for the historic PCT in which the patient is normally resident, based on the patient's postcode (homeadd).

Value

5** = PCT

Taa = Care trust

6** = Wales

S** = Scotland

Y** = Manx and Channel Islands

Z** = Northern Ireland

59898 = Other not applicable (non-England)

59999 = Unknown PCT

Data cleaning	Rule 1200
---------------	-----------

HES field name	Historic Strategic HA of residence
Field	resstha02
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards
Description	
Strategic Health Authority (SHA) of residence, based on 2002-03 SHA boundaries. This structure is no longer in active use and has been superseded. This derived field contains the code for the historic SHA in which the patient is normally resident, based on the patient's postcode (homeadd).	
Value	
Q** = SHA	
S = Scotland	
U = England (no fixed abode)	
W or Q99 = Wales	
X = Foreign	
Y = Unknown	
Z = Northern Ireland	
Data cleaning	Rule 1200

HES field name **LA district of residence**

Field	resladst
-------	----------

Class	Geographical (Derived) data
-------	-----------------------------

Length and format	4an
-------------------	-----

Availability	2007-08 onwards
--------------	-----------------

Description

The local authority district field contains a code for the county (first two characters) local authority district (last two characters) of residence of the patient. It is derived from the patient's postcode in the field homeadd.

When this field is concatenated with the other local authority component, current electoral ward (currward), the result is a unique value.

If the patient is resident within a Unitary Authority, the first two characters will be 00 (zero, zero) and the local authority component may not be useable.

Value

nnnn = Local authority code

S = Scotland

U = England (NOS)

W = Wales

Y = Not known

Z = Northern Ireland

X = Foreign

Data cleaning	Rule 1200
---------------	-----------

HES field name **Ordinance Survey grid reference**

Field	gridlink
-------	----------

Class	Geographical (Derived) data
-------	-----------------------------

Length and format	9n
-------------------	----

Availability	2007-08 onwards
--------------	-----------------

Description

Ordinance survey postcode grid reference.

Gridlink® is the name for a set of branded postcode products produced by the Gridlink Consortium (Royal Mail, Ordnance Survey (GB), General Register Office for Scotland (GROS), Ordnance Survey of Northern Ireland (OSNI) and ONS).

The Ordnance Survey grid reference (gridlink) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

The Gridlink field in HES is only available to the NHS.

Value

9n = Ordnance survey grid reference (4 digits eastings, 5 digits northings)

Data cleaning	Rule 1200
---------------	-----------

HES field name	Region of residence
Field	resro
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards
Description	
Regional Office (RO) of residence. It contains the code for the RO in which the patient lived immediately before admission. It is derived from the patient's postcode in the field homeadd.	
Value	
Y01 = Northern and Yorkshire	
Y02 = Trent	
Y07 = West Midlands	
Y08 = North West	
Y09 = Eastern	
Y10 = London	
Y11 = South East	
Y12 = South West	
W = Wales	
S = Scotland	
Z = Northern Ireland	
U = England NOS	
Y = Not known	
X = Foreign	
Data cleaning	Rule 1200

HES field name **Westminster parliamentary constituency**

Field pcon

Class Geographical (Derived) data

Length and format 3n

Availability From 2008-09 onwards

Description

The Westminster Parliamentary Constituency code for each postcode. Pseudo codes are included for Channel Islands and Isle of Man. The field will be blank for postcodes with no grid reference.

Value

001-529 = England

530-569 = Wales

801-859 = Scotland

701-718 = Northern Ireland

800 = Channel Islands (pseudo)

900 = Isle of Man (pseudo)

Data cleaning Not applicable (derived from postcode)

Geographic (Derived) Data: Socio-economic

IMD Barriers to Housing and Service (imd04hs)	47
IMD Crime domain (imd04c)	47
IMD Decile Group (imd04_decile)	48
IMD Education, Skills and Training (imd04ed)	49
IMD Employment domain (imdem)	49
IMD Health and Disability domain (imd04hd)	50
IMD Income Affecting Adults domain (imd04ia)	50
IMD Income Affecting Children domain (imd04ic)	51
IMD Income domain (imd04i)	51
IMD Living Environment domain (imd04le)	52
IMD Overall Rank (imd04rk)	53
Lower Super Output Area (soal)	54
Middle Super Output Area (soam)	54
Rural/Urban Indicator (rururb ind)	55

HES field name **IMD barriers to housing and services**

Field	imd04hs
Class	Geographical (Derived) data
Length and format	4n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivations at Super Output Area level. The IMD has seven domains, one of which is the Barriers to Housing and Services Domain.

The purpose of the Barriers to Housing and Services domain is to measure barriers to housing and key local services.

Value

4n = IMD barriers to housing and services domain value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **IMD Crime domain**

Field	imd04c
Class	Geographical (Derived) data
Length and format	3n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivation at Super Output Area level. The IMD has seven domains, one of which is the Crime Domain.

The purpose of the Crime domain is to measure the incidence of recorded crime for four major crime themes:

1. burglary
2. theft
3. criminal damage
4. violence

Value

3n = IMD Crime domain value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name	IMD Decile group
Field	imd04_decile
Class	Geographical (Derived) data
Length and format	5n
Availability	2007-08 onwards
Description	
<p>This field uses the IMD Overall Ranking to identify which one of ten groups a Super Output Area belongs to, from most deprived through to least deprived.</p>	
Value	
<p>Between 1 and 3248 = Most deprived 10%</p> <p>Between 3249 and 6496 = More deprived 10-20%</p> <p>Between 6497 and 9745 = More deprived 20-30%</p> <p>Between 9746 and 12993 = More deprived 30-40%</p> <p>Between 12994 and 16241 = More deprived 40-50%</p> <p>Between 16242 and 19489 = Less deprived 40-50%</p> <p>Between 19490 and 22737 = Less deprived 30-40%</p> <p>Between 22738 and 25986 = Less deprived 20-30%</p> <p>Between 25987 and 29234 = Less deprived 10-20%</p> <p>Between 29235 and 32482 = Least deprived 10%</p>	
Data cleaning	Data not cleaned

HES field name **IMD Education, skills and training**

Field	imd04ed
Class	Geographical (Derived) data
Length and format	4n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivations at Super Output Area level. The IMD has seven domains, one of which is the Education, Skills and training Domain.

The purpose of the Education, Skills and training domain is to capture the extent of deprivation in terms of education, skills and training in a local area.

Value

4n = IMD Education, skills and training domain value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **IMD Employment domain**

Field	imdem
Class	Geographical (Derived) data
Length and format	4n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) Employment domain

Value

4n = IMD employment domain value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **IMD Health and disability domain**

Field	imd04hd
Class	Geographical (Derived) data
Length and format	3n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivation at Super Output Area level. The IMD has seven domains, one of which is the Health Deprivation and Disability Domain.

The purpose of the Health deprivation and disability domain is to identify areas with relatively high rates of:

1. premature deaths
2. impaired quality of life, due to poor health
3. people with disabilities.

Value

3n = IMD Health and disability domain value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **IMD Income affecting adults domain**

Field	imd04ia
Class	Geographical (Derived) data
Length and format	3n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivations at Super Output Area level. The IMD has seven domains, one of which is the Income Deprivation Domain. The Income Deprivation Affecting Older People Index is a sub-set of the Income Deprivation Domain.

The Index contains the percentage of a Super Output Areas population aged 60 and over who are claiming Income Support or Job Seeker's Allowance.

Value

3n = IMD Income affecting adults index value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **IMD Income affecting children domain**

Field	imd04ic
Class	Geographical (Derived) data
Length and format	3n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivations at Super Output Area level. The IMD has seven domains, one of which is the Income Deprivation Domain. The Income Deprivation Affecting Children Index is a sub-set of the Income Deprivation Domain.

The Index contains the percentage of a Super Output Area's children under 16 who were living in families receiving specific financial support, such as Income Support or Job Seeker's Allowance.

Value

3n = IMD Income affecting children index value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **IMD Income domain**

Field	imd04i
Class	Geographical (Derived) data
Length and format	3n
Availability	2007-08 onwards

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivations at Super Output Area level. The IMD has seven domains, one of which is the Income Deprivation Domain.

The purpose of this Domain is to capture the proportions of the population experiencing income deprivation in an area.

Value

3n = IMD Income domain value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **IMD Living Environment domain**

Field	imd04le
-------	---------

Class	Geographical (Derived) data
-------	-----------------------------

Length and format	4n
-------------------	----

Availability	2007-08 onwards
--------------	-----------------

Description

The Index of Multiple Deprivation (IMD) is a measure of multiple deprivations at Super Output Area level. The IMD has seven domains, one of which is the Living Environment domain.

The Living Environment domain focuses on deprivation with respect to the characteristics of the living environment.

Value

4n = IMD Living environment domain value

Data cleaning	Data not cleaned
---------------	------------------

HES field name	IMD Overall rank
Field	imd04rk
Class	Geographical (Derived) data
Length and format	5n
Availability	2007-08 onwards
Description	
<p>The Index of Multiple Deprivation (IMD) overall ranking is made by combining the seven IMD Domain scores using the following weights:</p> <ul style="list-style-type: none">- Income (22.5%)- Employment (22.5%)- Health Deprivation and Disability (13.5%)- Education, Skills and Training (13.5%)- Barriers to Housing and Services (9.3%)- Crime (9.3%)- Living Environment (9.3%) <p>The Super Output Area (SOA) with a rank of 1 is the most deprived, and 32482 the least deprived, on this overall measure.</p>	
Value	
5n = IMD Overall ranking	
Data cleaning	Data not cleaned

HES field name **Lower Super Output Area**

Field	soal
Class	Geographical (Derived) data
Length and format	10an
Availability	2007-08 onwards

Description

Lower Super Output Areas are aggregations of Output Areas. There are 32,482 Lower Super Output Areas in England.

The first character is either E for England or W for Wales. The next two characters are 01 for Lower Super Output Area and the remaining six characters make up the unique 6-digit tag for each zone.

Value

annnnnnnn = Lower Super Output Area

Z99999999 = Not known

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **Middle Super Output Area**

Field	soam
Class	Geographical (Derived) data
Length and format	an10
Availability	2007-08 onwards

Description

Middle Super Output Areas are aggregations of Output Areas.

The first character is either E for England or W for Wales. The next two characters are 02 for Middle Layer and the remaining six characters make up the unique 6-digit tag for each zone.

There are 6,780 Middle Super Output Areas in England.

Value

annnnnnnn = Middle Super Output Area

Z99999999 = Not known

Data cleaning	Data not cleaned
----------------------	------------------

HES field name	Rural/Urban Indicator
Field	rururb ind
Class	Geographical (Derived) data
Length and format	1n
Availability	2007-08 onwards
Description	
Describes the nature of an Output Area in terms of its morphology (hamlet, town, urban, etc) and context (sparse or less sparse).	
Value	
<p>1 = Urban =>10K - sparse: Output Area falls within Urban settlements with a population of 10,000 or more and the wider surrounding area is sparsely populated</p> <p>2 = Town and Fringe - sparse. Output Area falls within the Small Town and Fringe areas category and the wider surrounding area is sparsely populated</p> <p>3 = Village - sparse. Output Area falls within the Village category and the wider surrounding area is sparsely populated</p> <p>4 = Hamlet and Isolated dwelling - sparse. Output Area falls within the Hamlet & Isolated Dwelling category and the wider surrounding area is sparsely populated</p> <p>5 = Urban =>10K - less sparse. Output Area falls within Urban settlements with a population of 10,000 or more and the wider surrounding area is less sparsely populated</p> <p>6 = Town and Fringe - less sparse. Output Area falls within the Small Town and Fringe areas category and the wider surrounding area is less sparsely populated</p> <p>7 = Village - less sparse. Output Area falls within the Village category and the wider surrounding area is less sparsely populated</p> <p>8 = Hamlet and Isolated Dwelling - less sparse. Output Area falls within the Hamlet & Isolated Dwelling category and the wider surrounding area is less sparsely populated</p> <p>9 = postcode in Scotland/NI/Channel Islands/Isle of Man/pseudopostcodes</p> <p>Space = No information available</p>	
Data cleaning	Data not cleaned

Geographical (Derived) data: Treatment

Govt Office region of treatment (gortreat)	57
Health authority of treatment (hatreat)	58
PCT of Treatment (pcttreat)	58
Region of treatment (rotreat)	59
Strategic HA of treatment (sthatret)	60

HES field name **Govt Office region of treatment**

Field	gortreat
-------	----------

Class	Geographical (Derived) data
-------	-----------------------------

Length and format	1an
-------------------	-----

Availability	2007-08 onwards
--------------	-----------------

Description

Government Office Region (GOR) of treatment. This field is derived from the hospital provider code (procode). It indicates the GOR area within which the treatment took place.

Value

A = North East

B = North West

D = Yorkshire and The Humber

E = East Midlands

F = West Midlands

G = East of England

H = London

J = South East

K = South West

Y = Not known

Data cleaning	Rule 1145
---------------	-----------

HES field name **Health authority of treatment**

Field	hatreat
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards

Description

Health Authority of treatment. This field is derived from the hospital provider code (procode). It indicates the Health Authority (HA) where the treatment took place.

Value

aaa = Health authority of treatment

Y = Unknown

Data cleaning	Rule 1145
----------------------	-----------

HES field name **PCT of treatment**

Field	pcttreat
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards

Description

Primary Care Trust (PCT) of treatment. For years to 2002-03, this was based on 2002-03 PCT boundaries.

It is derived from the main site postcode of the hospital provider code (procode), indicating the PCT area within which the organisation providing treatment was located.

Note:

(1) the PCT itself may be the provider of the treatment

(2) care provided at subsidiary sites will be attributed to the main trust location.

Value

5nn = PCT

taa = Care trust

59898 = Not applicable (non-England)

59999 = Unknown

Data cleaning	Rule 1145
----------------------	-----------

HES field name	Region of treatment
Field	rotreat
Class	Geographical (Derived) data
Length and format	3an
Availability	2007-08 onwards
Description	
Region of treatment. This derived field is extracted from the hospital provider code (procode). It defines the Regional Office (RO) where the treatment took place.	
Value	
Y01 = Northern and Yorkshire	
Y02 = Trent	
Y07 = West Midlands	
Y08 = North West	
Y09 = Eastern	
Y10 = London	
Y11 = South East	
Y12 = South West	
Y = Not Known	
Data cleaning	Rule 1145

HES field name **Strategic HA of treatment**

Field	sthatret
-------	----------

Class	Geographical (Derived) data
-------	-----------------------------

Length and format	3an (format Qnn)
-------------------	------------------

Availability	2007-08 onwards
--------------	-----------------

Description

Strategic Health Authority (SHA) of treatment. It is derived from the main site postcode of the hospital provider code (procode). It indicates the SHA area within which the organisation providing treatment was located.

Note: (1) care provided at subsidiary sites will be attributed to the main trust location.

Value

Qnn = SHA

Y = Unknown

Data cleaning	Rule 1145
---------------	-----------

HRG Data

Dominant procedure (domproc)	62
Trust derived HRG value (hrgnhs)	62
Version No. of Trust derived HRG (hrgnhsvn)	63

HES field name **Dominant procedure**

Field	domproc
Class	HRG data
Length and format	4an
Availability	2007-08 onwards

Description

The procedure that the Healthcare Resource Group grouping algorithm has identified as having the greatest effect upon the resources consumed by a patient.

Value

annn = Procedure code

- = No operation performed

& = Not known

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **Trust derived HRG value**

Field	hrgnhs
Class	HRG data
Length and format	3an
Availability	2007-08 onwards

Description

The Trust generated HRG code

Value

3an = Trust derived HRG value

Data cleaning	Data not cleaned
----------------------	------------------

HES field name	Version No. of trust derived HRG
Field	hrgnhsvn
Class	HRG data
Length and format	3an
Availability	2007-08 onwards
Description	
The version number for Trust generated HRG code	
Value	
3an = The version number of the trust derived HRG code	
Data cleaning	Data not cleaned

Organisation Data

3 digit provider code (procode3)	65
5 digit provider code (procode)	65
Current PCT of Responsibility (pctcode06)	66
Historic PCT of Responsibility (pctcode02)	67
PCT of GP Practice (gpprpct)	67
Provider Code (procodet)	68
Provider Type (protype)	68
Strategic HA of GP Practice (gpprstha)	69

HES field name **3-digit provider code**

Field	procode3
Class	Organisation data
Length and format	3an
Availability	2007-08 onwards

Description

A provider code is a unique code that identifies an organisation acting as a health care provider. Procode3 contains only the first three characters (the organisation code) and can be used to identify an individual provider (eg NHS Trust or PCT).

Value

3an = 3-character provider code

Data cleaning	Data not cleaned
----------------------	------------------

HES field name **5-digit provider code**

Field	procode
Class	Organisation data
Length and format	5an
Availability	2007-08 onwards

Description

A provider code is a unique code that identifies an organisation acting as a health care provider. Procode contains the complete NHS provider code (ie organisation code plus site code).

Value

5an = 5-character provider code

89997 = UK provider where no organisation code has been issued

89999 = Non-NHS UK provider where no organisation code has been issued

Data cleaning	Data not cleaned
----------------------	------------------

HES field name	Current PCT of responsibility
Field	pctcode06
Class	Organisation data
Length and format	3an
Availability	2007-08 onwards
Description	
<p>A derived field providing the primary care trust (PCT) responsible for the patient based on the current PCT structure.</p> <p>The pctcode is derived from the GP practice with which the patient is registered (gpprac) if this is known or reggmp, purcode or the postcode of the patient otherwise.</p>	
Value	
<p>5nn = PCT</p> <p>taa = Care trust</p> <p>59898 = Not applicable (non-England)</p> <p>59999 = Unknown</p>	
Data cleaning	Rule 1160

HES field name **Historic PCT of responsibility**

Field	pctcode02
Class	Organisation data
Length and format	3an
Availability	2007-08 onwards

Description

A derived field providing the primary care trust (PCT) responsible for the patient based on the PCT structure that existed before 2006-07.

The pctcode is derived from the GP practice with which the patient is registered (gpprac) if this is known or registered GP (reggmp), or the postcode of the patient otherwise. It is populated based on the structure that existed prior to the 1st of October 2006-07.

Value

5nn = PCT

Taa = Care trust

59898 = Not applicable (non-England)

59999 = Unknown

Data cleaning	Rule 1160
----------------------	-----------

HES field name **PCT of GP practice**

Field	gpprpct
Class	Organisation data
Length and format	3an
Availability	2007-08 onwards

Description

The primary care trust (PCT) area in which the patient's GP is registered.

Value

5nn = PCT

Taa = Care trust

59898 = Not applicable (non-England)

59999 = Unknown

Data cleaning	Rule 1125
----------------------	-----------

HES field name	Provider code
Field	procodet
Class	Organisation data
Length and format	5an
Availability	2007-08 onwards
Description	
<p>A provider code is a unique code that identifies an organisation acting as a health care provider.</p> <p>Provider Code (procodet) gives a combination of 3-character and 5-character provider codes, enabling you to view a combined list of codes and related data, from PCTs (3 char beginning with 5), NHS trusts (3 char beginning with R), NHS trust treatment centres (5 char), Independent providers (5 char beginning with 8), and Independent sector healthcare providers (5 char beginning with N).</p>	
Value	
5an = Provider code	
Data cleaning	Data not cleaned

HES field name	Provider type
Field	protype
Class	Organisation data
Length and format	Various
Availability	2007-08 onwards
Description	
Healthcare provider type.	
Value	
<p>CARETRUST = Care trust</p> <p>FOUNDATION = NHS Foundation Trust</p> <p>OTHERPROV = Other provider</p> <p>PCT = Primary Care trust</p> <p>TRUST = NHS trust</p>	
Data cleaning	Data not cleaned

HES field name **Strategic HA of GP practice**

Field	gpprstha
Class	Organisation data
Length and format	3an (format Qnn)
Availability	2007-08 onwards

Description

The strategic health authority (SHA) area in which the patient's GP is registered.

Value

Qnn = SHA

Y = Unknown

Data cleaning	Rule 1125
----------------------	-----------

Patient Data

Age at activity date (activage)	71
Age on Arrival (arrivalage)	72
Carer support indicator (carersi)	73
Date of birth (dob)	73
Ethnic Category (ethnos)	74
Local patient identifier (lopatid)	75
NHS Number (newnhsno)	75
NHS Number valid Flag (nhsnoind)	76
Postcode (homeadd)	76
Postcode District (postdist)	77
Pseudo HES ID (pseudohesid)	77
Sex of Patient (sex)	78

HES field name Age at activity date

Field	activage
-------	----------

Class	Patient data
-------	--------------

Length and format	3n
-------------------	----

Availability	2007-08 onwards
--------------	-----------------

Description

Age, in years, at CDS activity date.

Value

3n = age at activity date

999 = Not known, ie date of birth not known and age cannot be estimated

Data cleaning	Data not cleaned
---------------	------------------

HES field name **Age on arrival**

Field	arrivalage
Class	Patient data
Length and format	4n
Availability	2007-08 onwards

Description

This field contains the age in whole years on arrival, calculated from arrival date and dob. For patients under 1 year old, special codes apply.

Value

nnn = Age in years from 1 - 119

120 = 120 years or more

7001 = Less than 1 day

7002 = 1- 6 days

7003 = 7- 27 days

7004 = 28 - 3 months

7005 = 91 - 181 days (approximately 3 months to under 6 months)

7006 = 182 - 272 days (approximately 6 months to under 9 months)

7007 = 273 - 364 days (approximately 9 months to under 1 year)

null = Not applicable/Not known

Data cleaning	Rule 290
----------------------	----------

HES field name **Carer support indicator**

Field	carersi
Class	Patient data
Length and format	2n
Availability	2007-08 onwards

Description

This field contains a code which states whether carer support is available to the patient at home or other normal residence. This does not include any paid support or support from a voluntary organisation unless the patient is normally resident in a nursing home, group home or residential care home.

Value

01 = Yes
02 = No
99 = Not known

Data cleaning	Rule 400
----------------------	----------

HES field name **Date of birth**

Field	dob
Class	Patient data
Length and format	Ddmmyyyy
Availability	2007-08 onwards

Description

This field contains the patient's date of birth. For most enquiries the field arrivalage (age on arrival) is used. The Date of birth (dob) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

ddmmyyyy = Patient's date of birth

Data cleaning	Rule 20
----------------------	---------

HES field name	Ethnic category
Field	ethnos
Class	Patient data
Length and format	2an
Availability	2007-08 onwards
Description	
This field contains a code which specifies some ethnic groups and some nationalities.	
Value	
An = British (White)	
Bn = Irish (White)	
Cn = Any other White background	
Dn = White and Black Caribbean (Mixed)	
En = White and Black African (Mixed)	
Fn = White and Asian (Mixed)	
Gn = Any other Mixed background	
Hn = Indian (Asian or Asian British)	
Jn = Pakistani (Asian or Asian British)	
Kn = Bangladeshi (Asian or Asian British)	
Ln = Any other Asian background	
Mn = Caribbean (Black or Black British)	
Nn = African (Black or Black British)	
Pn = Any other Black background	
Rn = Chinese (other ethnic group)	
Sn = Any other ethnic group	
Zn = Not stated	
X = Not known	
Data cleaning	Rule 10

HES field name Local patient identifier

Field	Lopatid
Class	Patient data
Length and format	10an
Availability	2007-08 onwards

Description

This field contains the number used to identify a patient within a health care provider. It may be different from the patient's case note number, and may be assigned automatically by the computer system.

The number in this field is the Person Identifier of the PAS number. The Local patient identifier (lopatid) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

10an = Local patient identifier code

Data cleaning	Data not cleaned
---------------	------------------

HES field name NHS Number

Field	newnhsno
Class	Patient data
Length and format	10n
Availability	2007-08 onwards

Description

This field contains the NHS number of the patient, which is the primary identifier of a person registered for health care it is unique.

The NHS Number (newnhsno) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

10n = Patient's NHS Number

Data cleaning	Data not cleaned
---------------	------------------

HES field name NHS Number valid flag

Field	nhsnoind
Class	Patient data
Length and format	1a
Availability	2007-08 onwards

Description

This field indicates whether the NHS Number supplied is valid or not.

Value

Y = Yes

N = No

Data cleaning	Data not cleaned
---------------	------------------

HES field name Postcode

Field	homeadd
Class	Patient data
Length and format	8an
Availability	2007-08 onwards

Description

This field contains the postcode with the second part of the code starting at the sixth character position. If the code contains fewer than eight characters, spaces are placed between the two parts of the code.

The Postcode (homeadd) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Normally the home postcode is used, but if a patient is away from home for long periods, such as in a university hall of residence, that postcode is used. If a person is resident in hospital, the hospital's postcode is used.

Value

aann naa = Postcode

ZZ99 3VZ = No fixed abode

Data cleaning	Rule 330
---------------	----------

HES field name **Postcode district**

Field	postdist
-------	----------

Class	Patient data
-------	--------------

Length and format	4an
-------------------	-----

Availability	2007-08 onwards
--------------	-----------------

Description

Contains the outward portion of the patient's postcode (ie all characters to the left of the space). The code ZZ99 indicates the postcode was either unavailable, or that the patient did not have one (eg because they were normally resident abroad).

Value

aann = Postcode district

ZZ99 = Unavailable / not applicable

Data cleaning	Data not cleaned
---------------	------------------

HES field name **Pseudo HES ID**

Field	pseudohesid
-------	-------------

Class	Patient data
-------	--------------

Length and format	10n
-------------------	-----

Availability	2007-08 onwards
--------------	-----------------

Description

This field contains a unique identifier for each individual patient. This allows an individual's care to be tracked across years and continuous periods to be identified.

This is a pseudonymised version of the HES ID field based on an updated matching algorithm, which supersedes and is compatible with the original HES ID, which is no longer available.

Value

10n = Pseudonymised HESID

Data cleaning	Data not cleaned
---------------	------------------

HES field name	Sex of patient
Field	sex
Class	Patient data
Length and format	1n
Availability	2007-08 onwards
Description	
This field contains a code which defines the sex of the patient.	
Value	
1 = Male	
2 = Female	
9 = Not specified	
0 = Not known	
Data cleaning	Rule 50, 60

Patient Pathway

Org code of patient path ID issuer (orgpppid)	80
Patient Pathway ID (patpathid)	80
RTT period start (rttperstart)	81
RTT Period Status (rttperstat)	82
RTTP period end (rttperend)	83
Unique Booking Ref No (bookrefno)	83
Waitdays (waitdays)	84

HES field name Organisation code of patient pathway ID issuer

Field	orgpppid
Class	Patient Pathway
Length and format	5an
Availability	2007-08 onwards

Description

The organisation code of Patient Pathway ID issuer.

Value

5an = organisation code

Data cleaning	Data not cleaned
----------------------	------------------

HES field name Patient pathway ID

Field	patpathid
Class	Patient Pathway
Length and format	20an
Availability	2007-08 onwards

Description

A code that, when combined with the organisation code of either the issuer or the organisation receiving the service request, identifies a patient's pathway. For example, the Unique Booking Reference Number of the first referral and X09 (the organisation code for NHS Connecting for Health).

The Patient Pathway ID (patpathid) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

20an = Patient pathway ID code

Data cleaning	Data not cleaned
----------------------	------------------

HES field name	RTT period start
Field	rttperstart
Class	Patient Pathway
Length and format	ddmmyyyy
Availability	2007-08 onwards
Description	
The start date of the referral to treatment period.	
Value	
ddmmyyyy = The start date of the referral to treatment period	
Data cleaning	Data not cleaned

HES field name	RTT period status
Field	rttperstat
Class	Patient Pathway
Length and format	2n
Availability	2007-08 onwards
Description	
The status of an activity, or anticipated activity, for the 18-week referral to treatment period.	
Value	
10 = First activity	
11 = End of active monitoring	
12 = Consultant referral	
20 = subsequent activity, further activities anticipated	
21 = Transfer to another healthcare provider	
30 = First treatment - the start of the first treatment that's intended to manage a patient's disease, condition or injury	
31 = Start of active monitoring, initiated by the patient	
32 = Start of active monitoring, initiated by the care professional	
33 = Failure to attend the first care activity after referral	
34 = Decision not to treat or not further contact required	
35 = Patient decline offered treatment	
36 = Patient died before treatment	
90 = After treatment - first treatment occurred previously, e.g. admitted as an emergency from A&E	
91 = Active monitoring (the patient is observed but not treated)	
92 = Not yet referred	
98 = Not applicable	
99 = Not yet known	
Data cleaning	Data not cleaned

HES field name **RTT period end**

Field	rttperend
Class	Patient Pathway
Length and format	ddmmyyyy
Availability	2007-08 onwards

Description

The end date of the referral to treatment period.

Value

ddmmyyyy = End date of the referral to treatment period

Data cleaning	Data not cleaned
---------------	------------------

HES field name **Unique booking reference number**

Field	bookrefno
Class	Patient Pathway
Length and format	12n
Availability	2007-08 onwards

Description

The booking reference number assigned by the Connecting for Health Choose and Book System when a patient accepts an appointment date, regardless of whether they subsequently attend or cancel the appointment. Each booking reference number is unique.

The Unique Booking Ref No (bookrefno) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

12n = Unique booking reference number

Data cleaning	Data not cleaned
---------------	------------------

HES field name**Waitdays**

Field

waitdays

Class

Patient Pathway

Length and format

4n

Availability

2007-08 onwards

Description

The number of days that a patient waited from the date when a decision was taken for treatment to when they received the treatment.

Value

n4 = duration of elective wait

9998 = Not applicable

9999 = Not known

Data cleaning

Data not cleaned

Practitioner Data

GP practice code (gpprac)	86
Pseudonymised practice code (pgpprac)	86
Pseudonymised registered GP code (preggmp)	87
Registered GP (reggmp)	87

HES field name **GP practice code**

Field	gpprac
Class	Practitioner data
Length and format	6an
Availability	2007-08 onwards

Description

This field contains a code which defines the practice that the patient is registered with.

Value

Vnnnnn = GP's practice code

V81997 = No Registered General Practitioner Practice

V81998 = General Practitioner Practice Code not applicable

V81999 = General Practitioner Practice Code not known

& = Unknown

Data cleaning	Rule 440
----------------------	----------

HES field name **Pseudonymised practice code**

Field	pgpprac
Class	Practitioner data
Length and format	16an
Availability	2007-08 onwards

Description

A pseudonymised version of the code of a patient's registered GP practice.

Value

16an = pseudonymised code

& = Unknown

Data cleaning	Data not cleaned
----------------------	------------------

HES field name Pseudonymised registered GP code

Field	preggmp
Class	Practitioner data
Length and format	16an
Availability	2007-08 onwards

Description

A pseudonymised version of the code of the general medical practitioner specified by the patient

Value

16an = Pseudonymised GP code

& = Unknown

Data cleaning	Data not cleaned
----------------------	------------------

HES field name Registered GP

Field	reggmp
Class	Practitioner data
Length and format	8an
Availability	2007-08 onwards

Description

This field contains the GMP code specified by the patient, which identifies the GP as an individual.

The Registered GP (reggmp) field contains sensitive data. Access to it requires the approval of Database Monitoring Sub-Group (DMSG).

Value

8an = GP code

G9999998 = GP PPD code not known

R9999981 = Referrer other than General Medical Practitioner, General Dental Practitioner or Consultant Other GP Codes

A9999998 = Ministry of Defence Doctor

& = Unknown

Data cleaning	Rule 430
----------------------	----------

System Data

CDS Extract Date (cdsextdat)	89
CDS Protocol ID (cdsverprotid)	89
CDS Unique ID (cdsuniqueid)	90
Net Applicable Date (appdate)	90
NHS number status indicator (numstat)	91
Record identifier (aekey)	91
Reporting Period End Date (perend)	92
Submission date (subdate)	92
SUS loaded staging date (suslddate)	93
SUS Record ID (susrecid)	93

HES field name CDS extract date

Field	cdsextdate
Class	System data
Length and format	Ccyymmdd
Availability	2007-08 onwards

Description

CDS extract date.

Value

ccyymmdd = CDS extract date

Data cleaning	Data not cleaned
---------------	------------------

HES field name CDS protocol ID

Field	cdsverprotid
Class	System data
Length and format	3an
Availability	2007-08 onwards

Description

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

Value

3an = CDS protocol ID

Data cleaning	Data not cleaned
---------------	------------------

HES field name CDS unique ID

Field	cdsuniqueid
Class	System data
Length and format	35an
Availability	2007-08 onwards

Description

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

Value

35an = CDS unique ID

Data cleaning	Data not cleaned
---------------	------------------

HES field name Net applicable date

Field	appdate
Class	System data
Length and format	ddmmyyyy
Availability	2007-08 onwards

Description

This field contains the CDS applicable date for the net change protocol.

Value

ddmmyyyy = Net applicable date

Data cleaning	Data not cleaned
---------------	------------------

HES field name **NHS number status indicator**

Field	numstat
Class	System data
Length and format	2n
Availability	2007-08 onwards

Description

Codes in this field indicate whether the patients' NHS number is present, and if it is verified. If the NHS number is absent, the indicator gives the reason why.

Value

- 01 = Number present and verified
- 02 = Number present but not traced
- 03 = Trace needed
- 04 = Trace attempted - No match, or multiple matches, found
- 05 = Trace needs to be resolved - (New NHS number or patient detail conflict)
- 06 = Trace in progress
- 07 = Number not present and trace not required
- 08 = Trace postponed (baby under six weeks old)

Data cleaning	Data not cleaned
---------------	------------------

HES field name **Record identifier**

Field	aekey
Class	System data
Length and format	8n
Availability	2007-08 onwards

Description

This is a record identifier that is created by the system. The eight digits store a decimal number.

Value

- 8n = Record identifier number

Data cleaning	Data not cleaned
---------------	------------------

HES field name **Reporting period end date**

Field	perend
Class	System data
Length and format	ddmmyyyy
Availability	2007-08 onwards

Description

The date that a reporting period ends.

Value

ddmmyyyy = The date the reporting period ended

Data cleaning	Data not cleaned
---------------	------------------

HES field name **Submission date**

Field	subdate
Class	System data
Length and format	ddmmyyyy
Availability	2007-08 onwards

Description

Date on which the data used to generate the HES record was received by the Secondary Uses Service.

Value

ddmmyyyy = The date on which data was received

Data cleaning	Data not cleaned
---------------	------------------

HES field name SUS loaded staging date

Field	suslddate
Class	System data
Length and format	ccyymmddhhmm
Availability	2007-08 onwards

Description

The date that the data was loaded into the SUS staging system.

Value

ccyymmddhhmm = the date that data was loaded into the SUS staging system

Data cleaning	Data not cleaned
---------------	------------------

HES field name SUS record ID

Field	susrecid
Class	System data
Length and format	14n
Availability	2007-08 onwards

Description

SUS (Secondary Uses Service) -generated record identifier.

Value

14n = SUS-generated record identifier

Data cleaning	Data not cleaned
---------------	------------------

Index

2001 Census Output Area (6 chars) (oacode6)	34
2001 Census Output Area (oacode)	34
3 digit provider code (procode3)	65
5 digit provider code (procode)	65
A&E diagnosis - 3 character (diag3 n D)	20
A&E diagnosis - 2 character (diag2 n D)	18
A&E diagnosis - anatomical area (diaga n D)	22
A&E diagnosis - anatomical side (diags n D)	23
A&E diagnosis (diag n)	18
A&E Investigation - 2 Char (invest n D)	26
A&E Investigation (invest n)	25
A&E Treatment - 2 Char (treat2 n D)	28
A&E Treatment - 3 Char (treat3 n D)	30
A&E Treatment (treat n)	28
Age at activity date (activage)	71
Age on Arrival (arrivalage)	72
Arrival date (arrivaldate)	13
Arrival mode (aearrivalmode)	5
Arrival time (arrivaltime)	14
Attendance category (aeattendcat)	5
Attendance disposal (aeattenddisp)	6
Attendance number (aeattendno)	7
Cancer network (cannet)	33
Cancer registry (canreg)	33
Carer support indicator (carersi)	73
CDS Extract Date (cdsextdat)	89
CDS Protocol ID (cdsverprotid)	89
CDS Unique ID (cdsuniqueid)	90
Conclusion time (concltime)	15
County of residence (rescty)	35
Current electoral ward (currward)	35
Current PCT of Residence (respct06)	36
Current PCT of Responsibility (pctcode06)	66
Current Strategic HA of residence (resstha06)	36
Date of birth (dob)	73

Department type (aedepttype)	7
Departure time (deptime)	16
Dominant procedure (domproc)	62
Duration to assessment (initdur)	8
Duration to conclusion (concldur)	9
Duration to departure (depdur)	9
Duration to treatment (tretdur)	8
Electoral ward 1981/1991 (ward91)	37
Ethnic Category (ethnos)	74
Government Office region of residence (resgor)	38
Govt Office region of treatment (gortreat)	57
GP practice code (gpprac)	86
Health authority of residence (resha)	39
Health authority of treatment (hatreat)	58
Historic PCT of Residence (respct02)	40
Historic PCT of Responsibility (pctcode02)	67
Historic Strategic HA of Residence (resstha02)	41
IMD Barriers to Housing and Service (imd04hs)	47
IMD Crime domain (imd04c)	47
IMD Decile Group (imd04_decile)	48
IMD Education, Skills and Training (imd04ed)	49
IMD Employment domain (imdem)	49
IMD Health and Disability domain (imd04hd)	50
IMD Income Affecting Adults domain (imd04ia)	50
IMD Income Affecting Children domain (imd04ic)	51
IMD Income domain (imd04i)	51
IMD Living Environment domain (imd04le)	52
IMD Overall Rank (imd04rk)	53
Incident location type (aeincloctype)	10
Initial assessment time (inittime)	14
LA district of residence (resladst)	42
Local patient identifier (lopatid)	75
Lower Super Output Area (soal)	54
Middle Super Output Area (soam)	54
Net Applicable Date (appdate)	90
NHS Number (newnhsno)	75

NHS number status indicator (numstat)	91
NHS Number valid Flag (nhsnoind)	76
Ordinance Survey grid reference (gridlink)	43
Org code of patient path ID issuer (orgpppid)	80
Patient group (aepatgroup)	11
Patient Pathway ID (patpathid)	80
PCT of GP Practice (gpprpct)	67
PCT of Treatment (pcttreat)	58
Postcode (homeadd)	76
Postcode District (postdist)	77
Provider Code (procodet)	68
Provider Type (prototype)	68
Pseudo HES ID (pseudohesid)	77
Pseudonymised practice code (pgpprac)	86
Pseudonymised registered GP code (preggmp)	87
Record identifier (aekey)	91
Region of Residence (resro)	44
Region of treatment (rotreat)	59
Registered GP (reggmp)	87
Reporting Period End Date (perend)	92
RTT period end (rttperend)	83
RTT period start (rttperstart)	81
RTT Period Status (rttperstat)	82
Rural/Urban Indicator (rururb ind)	55
Sex of Patient (sex)	78
Source of referral (aerefsource)	12
Staff member code (aestaffcode)	13
Strategic HA of GP Practice (gpprstha)	69
Strategic HA of treatment (sthatret)	60
Submission date (subdate)	92
SUS loaded staging date (suslddate)	93
SUS Record ID (susrecid)	93
Time seen for treatment (trettime)	15
Trust derived HRG value (hrgnhs)	62
Unique Booking Ref No (bookrefno)	83
Version No. of Trust derived HRG (hrghsvn)	63

Waitdays (waitdays)	84
Westminster parliamentary constituency (pcon)	45