

# CDM Output Specification

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## [CDM] Admission

**Full table name:** admission

**Primary Key:** admission\_id

**Description:** All admissions (Hospital Provider Spell [[https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/hospital\\_provider\\_spell.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_provider_spell.html)]) of patients into hospital with a Patient Classification [[https://www.datadictionary.nhs.uk/attributes/patient\\_classification.html](https://www.datadictionary.nhs.uk/attributes/patient_classification.html)] code of 1 (ordinary admission). This should include all currently admitted patients, and a history of all patients discharged within the past 12 months.

column	type	notes	description
admission_id	string	<b>Primary Key:</b> admission_id	Primary key.
admission_method	string		DEPRECATED - use admission_source instead. Descriptive column for how the patient was admitted to hospital <a href="https://www.datadictionary.nhs.uk/attributes/admission_source.html">https://www.datadictionary.nhs.uk/attributes/admission_source.html</a>
admission_status	string	<b>Values:</b> [Discharged, Admitted, null] <b>Severity:</b> FAIL	Latest status of the admission
admission_timestamp	timestamp		Timestamp of admission
admission_type	string	<b>Values:</b> [Daycase, Ordinary Elective, Emergency, Other Non-Elective, null] <b>Severity:</b> WARN	Admission type (e.g., Daycase, Ordinary Elective, Emergency, Other Non-Elective). Conforming to the following standards <a href="https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx">https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx</a>
discharge_destination_type	string		Type of discharge destination <a href="https://www.datadictionary.nhs.uk/data_elements/planned_destination_of_discharge_hospital_provider_spell.html">https://www.datadictionary.nhs.uk/data_elements/planned_destination_of_discharge_hospital_provider_spell.html</a>
discharge_pathway	string	<b>Nullable:</b> False <b>Values:</b> [Pathway 0, Pathway 1, Pathway 2, Pathway 3, Unstated] <b>Severity:</b> WARN	Discharge pathway: <a href="https://www.nhs.uk/nhsengland/keogh-review/documents/quick-guides/quick-guide-discharge-to-access.pdf">https://www.nhs.uk/nhsengland/keogh-review/documents/quick-guides/quick-guide-discharge-to-access.pdf</a>
discharge_timestamp	timestamp		The timestamp the patient was discharged.
encounter_id	string	<b>Foreign Key:</b> encounters.encounter_id	Encounter
estimated_discharge_date	timestamp		Estimated timestamp of discharge
is_discharge_time_confirmed	boolean		Patient has confirmed discharge time

column	type	notes	description
local_authority	string		The local authority responsible for the patient
patient_id	string	Foreign Key: patient.person_id	Patient
specialty_id	string	Foreign Key: specialty.specialty_id	Specialty
ward	string		The latest ward to which patient was admitted
administrative_category_code	string	Optional - not derivable. Supply if available; otherwise, it defaults to null. Values: [01, 02, 03, 04, null] Severity**: WARN	Whether the patient is a private patient, NHS patient etc. <a href="https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html">https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html</a>
administrative_category_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Whether the patient is a private patient, NHS patient etc.
admission_external_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	External identifier for the admission. An external identifier is a unique identifier, used to link data or users across different systems or platforms, especially when those systems don't share a common database or identifier.
admission_source_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The source of admission when the patient is in a hospital site or a care home. <a href="https://www.datadictionary.nhs.uk/attributes/admission_source.html">https://www.datadictionary.nhs.uk/attributes/admission_source.html</a>
admission_source_hospital_provider_spell	string	Optional - not derivable. Supply if available; otherwise, it defaults to null. Values: [19, 29, 37, 40, 42, 49, 51, 52, 53, 55, 56, 66, 79, 87, 88, 98, 99, null] Severity**: WARN	DEPRECATED - use admission_source_code instead. <a href="https://www.datadictionary.nhs.uk/data_elements/admission_source__hospital_provider_spell_.html">https://www.datadictionary.nhs.uk/data_elements/admission_source__hospital_provider_spell_.html</a>
admission_source_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The source of admission when the patient is in a hospital site or a care home.
bed_location	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The latest bed number to which patient was admitted
destination_of_discharge_code	string	Optional - not derivable. Supply if available; otherwise, it defaults to null. Values: [19, 29, 30, 37, 40, 42, 48, 49, 50, 51, 52, 53, 55, 56, 66, 79, 84, 87, 88, 89, 98, 99, null] Severity**: WARN	The destination the patient was discharged to. <a href="https://www.datadictionary.nhs.uk/attributes/destination_of_discharge.html">https://www.datadictionary.nhs.uk/attributes/destination_of_discharge.html</a>

column	type	notes	description
destination_of_discharge_hospital_provider_spell	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [19, 29, 30, 37, 40, 42, 48, 49, 50, 51, 52, 53, 55, 56, 66, 79, 84, 87, 88, 89, 98, 99, null] Severity**: WARN	DEPRECATED - use destination_of_discharge_code instead. <a href="https://www.datadictionary.nhs.uk/data_elements/destination_of_discharge_hospital_provider_spell_.html">https://www.datadictionary.nhs.uk/data_elements/destination_of_discharge_hospital_provider_spell_.html</a>
destination_of_discharge_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The destination the patient was discharged to.
discharge_ready_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date that the patient no longer met the 'Criteria to Reside' in the hospital bed. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/discharge_ready_date.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/discharge_ready_date.html</a>
discharge_ready_date_hospital_provider_spell	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	DEPRECATED - use discharge_ready_date instead. <a href="https://www.datadictionary.nhs.uk/data_elements/discharge_ready_date_hospital_provider_spell_.html">https://www.datadictionary.nhs.uk/data_elements/discharge_ready_date_hospital_provider_spell_.html</a>
eal_entry_id	string	<b>Foreign Key:</b> eal-entry.eal_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the EAL Entry for this admission.
early_discharge_notification_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Timestamp of submission of a patient's early discharge notification (EDN)
intended_management_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 2, 3, 4, 5, 8, 9, null] Severity**: WARN	<a href="https://www.datadictionary.nhs.uk/data_elements/intended_management_code.html">https://www.datadictionary.nhs.uk/data_elements/intended_management_code.html</a>
master_delay_reason	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Primary Reason for a delay to a patients discharge
method_of_admission_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [11, 12, 13, 21, 22, 23, 24, 25, 2A, 2B, 2C, 2D, 31, 32, 81, 82, 83, 98, 99, null] Severity**: WARN	The method of admission. <a href="https://www.datadictionary.nhs.uk/attributes/method_of_admission.html">https://www.datadictionary.nhs.uk/attributes/method_of_admission.html</a>
method_of_admission_hospital_provider_spell	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [11, 12, 13, 21, 22, 23, 24, 25, 2A, 2B, 2C, 2D, 31, 32, 81, 82, 83, 98, 99, null] Severity**: WARN	DEPRECATED - use method_of_admission_code instead. <a href="https://www.datadictionary.nhs.uk/data_elements/method_of_admission_hospital_provider_spell_.html">https://www.datadictionary.nhs.uk/data_elements/method_of_admission_hospital_provider_spell_.html</a>

column	type	notes	description
method_of_admission_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The method of admission.
method_of_discharge_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 3, 4, 5, 6, 7, 8, 9,null] Severity**: WARN	The method of discharge. <a href="https://www.datadictionary.nhs.uk/attributes/method_of_discharge.html">https://www.datadictionary.nhs.uk/attributes/method_of_discharge.html</a>
method_of_discharge_hospital_provider_spell	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 3, 4, 5, 6, 7, 8, 9,null] Severity**: WARN	DEPRECATED - use method_of_discharge_code instead. <a href="https://www.datadictionary.nhs.uk/data_elements/method_of_discharge__hospital_provider_spell_.html">https://www.datadictionary.nhs.uk/data_elements/method_of_discharge__hospital_provider_spell_.html</a>
method_of_discharge_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The method of discharge.
ncepod_urgency_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [01, 02, 03, 04, null] Severity**: WARN	<a href="https://www.ncepod.org.uk/">https://www.ncepod.org.uk/</a> 01 Immediate, 02 Urgent, 03 Expedited, 04 Elective
needs_based_assessment_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Timestamp of submission of a patient's needs based assessment (NBA)
pathway_id	string	<b>Foreign Key:</b> patient-pathway.pathway_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the pathway the admission lies on.
patient_classification_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 2, 3, 4, 5, 8, null] Severity**: WARN	<a href="https://www.datadictionary.nhs.uk/data_elements/patient_classification_code.html">https://www.datadictionary.nhs.uk/data_elements/patient_classification_code.html</a>
patient_classification_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of admission i.e. ordinary, day case, regular day etc.
site_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The latest hospital site id to which patient was admitted
start_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp the admission started. <a href="https://www.datadictionary.nhs.uk/data_elements/start_date__hospital_provider_spell_.html">https://www.datadictionary.nhs.uk/data_elements/start_date__hospital_provider_spell_.html</a>
to_take_away_status	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [Draft, Review, Written, Problem, Screened, Ready, Issued, null] Severity**: WARN	Status of a patient's To Take Away medications prescription.

column	type	notes	description
to_take_away_status_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Timestamp of the most recent To Take Away update
waiting_area	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Binary y/n, if the patient is waiting to come in to wards
ward_intended_clinical_care_intensity	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [51, 52, 53, 61, 62, 63, 41, 43, 42, 33, 32, 31, 21, 22, 81, 11, 12, 13, null] Severity**: WARN	<a href="https://www.datadictionary.nhs.uk/data_elements/ward_intended_clinical_care_intensity.html">https://www.datadictionary.nhs.uk/data_elements/ward_intended_clinical_care_intensity.html</a>
was_patient_discharged_to_nhs_at_home_service	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A boolean that's true if the patient was discharged to an NHS at Home Service. NHS @home is an approach to providing better connected, more personalised care in people's homes, including care homes. <a href="https://www.datadictionary.nhs.uk/attributes/discharged_to_nhs_at_home_service_indicator.html">https://www.datadictionary.nhs.uk/attributes/discharged_to_nhs_at_home_service_indicator.html</a>
administrative_category	string	**Optional - derivable. Please do not provide this unless you require	Whether the patient is a private patient, NHS patient etc. <a href="https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html">https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html</a>
admission_source	string	**Optional - derivable. Please do not provide this unless you require	The source of admission when the patient is in a hospital site or a care home. <a href="https://www.datadictionary.nhs.uk/attributes/admission_source.html">https://www.datadictionary.nhs.uk/attributes/admission_source.html</a>
admission_title	string	**Optional - derivable. Please do not provide this unless you require	Title, Patient Name: Date of Birth
date_of_birth	string	**Optional - derivable. Please do not provide this unless you require	Date of Birth of the patient
destination_of_discharge	string	**Optional - derivable. Please do not provide this unless you require	The destination the patient was discharged to. <a href="https://www.datadictionary.nhs.uk/attributes/destination_of_discharge.html">https://www.datadictionary.nhs.uk/attributes/destination_of_discharge.html</a>
length_of_stay_days	int	**Optional - derivable. Please do not provide this unless you require	Time spent admitted
method_of_admission	string	**Optional - derivable. Please do not provide this unless you require	The method of admission. <a href="https://www.datadictionary.nhs.uk/attributes/method_of_admission.html">https://www.datadictionary.nhs.uk/attributes/method_of_admission.html</a>

column	type	notes	description
method_of_discharge	string	**Optional - derivable. Please do not provide this unless you require	The method of discharge. <a href="https://www.datadictionary.nhs.uk/attributes/method_of_discharge.html">https://www.datadictionary.nhs.uk/attributes/method_of_discharge.html</a>
mrn	string	**Optional - derivable. Please do not provide this unless you require	Patient MRN
nhs_number	string	**Optional - derivable. Please do not provide this unless you require	NHS number, National-level identifier for a patient <a href="https://www.datadictionary.nhs.uk/attributes/nhs_number.html">https://www.datadictionary.nhs.uk/attributes/nhs_number.html</a>
patient_classification	string	**Optional - derivable. Please do not provide this unless you require	The type of admission i.e. ordinary, day case, regular day etc. <a href="https://www.datadictionary.nhs.uk/attributes/patient_classification.html">https://www.datadictionary.nhs.uk/attributes/patient_classification.html</a>
patient_name	string	**Optional - derivable. Please do not provide this unless you require	Name of patient
site_name	string	**Optional - derivable. Please do not provide this unless you require	The latest hospital site to which patient was admitted
specialty_name	string	**Optional - derivable. Please do not provide this unless you require	Specialty name

## [CDM] Appointment

Full table name: appointment

Primary Key: attendance\_id

**Description:** An Appointment for a patient to be seen by a care professional: <https://www.datadictionary.nhs.uk/classes/appointment.html>. The minimum scope of appointments should be those that relate to inpatient bookings (pre-operative assessments) as well as those which relate to future or past outpatient clinics

column	type	notes	description
attendance_id	string	<b>Primary Key:</b> attendance_id	ID for the appointment
booking_status	string	<b>Values:</b> [Booked, Waiting, Attended, Did not attend, Cancelled, Did not wait, Removed, Rescheduled, Checked in, Checked out, null] <b>Severity:</b> WARN	The booking status for the appointment (e.g. Attended, Cancelled)
cancellation_reason	string		Reason for appointment cancellation (e.g. Hospital cancelled, Patient Cancelled)
category	string		The category of outpatient appointment. This can indicate whether the appointment is a consultation or for clinical testing (e.g. Consult, Lab)
clinic_id	string	<b>Foreign Key:</b> clinic.clinic_id	The specific outpatient clinic session that the appointment is booked in for. This can be undefined for pre-operative assessment appointments
code	string		The clinic, resource or group code for the appointment. This should be the code used to match the appointment to a specific slot type in a clinic.
date_time_booked	timestamp		Date and time the appointment was booked: <a href="https://www.datadictionary.nhs.uk/attributes/service_request_date.html">https://www.datadictionary.nhs.uk/attributes/service_request_date.html</a>
date_time_cancelled	timestamp		Date and time the appointment was cancelled: <a href="https://www.datadictionary.nhs.uk/attributes/appointment_cancelled_date.html">https://www.datadictionary.nhs.uk/attributes/appointment_cancelled_date.html</a>
end_date_time	timestamp		Appointment end date and time



column	type	notes	description
is_first_appointment	boolean		true if this is the first appointment in the pathway. false if this is a follow-up appointment: <a href="https://www.datadictionary.nhs.uk/attributes/appointment_first_attendance.html">https://www.datadictionary.nhs.uk/attributes/appointment_first_attendance.html</a>
is_poa_appointment	boolean		true if the appointment is a pre-operative assessment
outcome	string	<b>Values:</b> [Awaiting further investigations, Fit to proceed, Unoutcomed, Cancel surgery, Appointment to be made at a later date, Another appointment given, Discharged from consultant's care, null] <b>Severity:</b> WARN	DEPRECATED - use outcome_of_attendance instead. Outcome for all appointments: <a href="https://www.datadictionary.nhs.uk/attributes/outcome_of_attendance.html">https://www.datadictionary.nhs.uk/attributes/outcome_of_attendance.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	The patient the appointment is scheduled for
priority	string		The priority of the appointment: <a href="https://www.datadictionary.nhs.uk/attributes/priority_type.html">https://www.datadictionary.nhs.uk/attributes/priority_type.html</a> (e.g. Urgent, Routine)
referral_id	string	<b>Foreign Key:</b> referral.referral_id	ID of the linked referral
rtt_pathway_status	string	<b>Values:</b> [Non-RTT Pathway, Active RTT Pathway, Inactive RTT Pathway, null] <b>Severity:</b> WARN	Is on active RTT pathway
rtt_period_end_date	date		Date of RTT clock stop
rtt_period_length	int		RTT period length (days)
rtt_period_start_date	date		Date of RTT clock start
specialty_id	string	<b>Foreign Key:</b> specialty.specialty_id	The specialty ID related to the appointment
start_date_time	timestamp		Appointment start date and time: <a href="https://www.datadictionary.nhs.uk/data_elements/appointment_date_and_time.html">https://www.datadictionary.nhs.uk/data_elements/appointment_date_and_time.html</a>
type	string		The type of the appointment (e.g. New, F/Up, Telephone F/Up)
administrative_category_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> <b>Values:</b> [01, 02, 03, 04, null] <b>Severity**:</b> WARN	Whether the patient is a private patient, NHS patient etc. <a href="https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html">https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html</a>
administrative_category_local_code	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	Whether the patient is a private patient, NHS patient etc.

column	type	notes	description
appointment_booked_reason_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 2, 3, null] Severity**: WARN	The cause of the appointment being booked. <a href="https://www.datadictionary.nhs.uk/attributes/appointment_booked_reason.html">https://www.datadictionary.nhs.uk/attributes/appointment_booked_reason.html</a>
appointment_booked_reason_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The cause of the appointment being booked.
appointment_free_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Operational-only free-text column for notes contained in the PAS which operational users sometimes rely on
attendance_status_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [2, 3, 4, 5, 6, 7, null] Severity**: WARN	An indication of whether the appointment occurred, whether the patient was late, whether the patient attended etc. <a href="https://www.datadictionary.nhs.uk/attributes/attendance_status.html">https://www.datadictionary.nhs.uk/attributes/attendance_status.html</a>
attendance_status_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	An indication of whether the appointment occurred, whether the patient was late, whether the patient attended etc.
booked_by	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Source system ID of the user who booked the appointment
consultation_mechanism_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [01, 02, 03, 04, 05, 09, 10, 11, 12, 13, 98, null] Severity**: WARN	The communication mechanism used to relay information between the care professional and patient. <a href="https://www.datadictionary.nhs.uk/attributes/consultation_mechanism.html">https://www.datadictionary.nhs.uk/attributes/consultation_mechanism.html</a>
consultation_mechanism_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The communication mechanism used to relay information between the care professional and patient.
earliest_clinically_appropriate_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The earliest date is clinically appropriate for the appointment to take place. <a href="https://www.datadictionary.nhs.uk/data_elements/earliest_clinically_appropriate_date.html">https://www.datadictionary.nhs.uk/data_elements/earliest_clinically_appropriate_date.html</a>

column	type	notes	description
earliest_reasonable_offer_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date of the earliest of the reasonable offers made to the patient for the appointment. Comprehensive details of what constitutes a reasonable offer can be found in the data dictionary. <a href="https://www.datadictionary.nhs.uk/data_elements/earliest_reasonable_offer_date.html">https://www.datadictionary.nhs.uk/data_elements/earliest_reasonable_offer_date.html</a>
healthcare_provider	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The organisation acting as the healthcare provider for the appointment. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html</a>
healthcare_provider_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The organisation acting as the healthcare provider for the appointment. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html</a>
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Timestamp to be set when the data is calculated at source to indicate when this data was last refreshed (not the same as ingest timestamp)
latest_clinically_appropriate_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The latest date by which the patient should next be reviewed (includes follow-up consultation, investigation, or further management) in order to maintain a reasonable margin of clinical safety, as judged by the responsible care professional. <a href="https://www.datadictionary.nhs.uk/data_elements/latest_clinically_appropriate_date.html">https://www.datadictionary.nhs.uk/data_elements/latest_clinically_appropriate_date.html</a>
ordered_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date that the appointment was ordered/requested
outcome_of_attendance_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 2, 3, null] Severity**: WARN	The outcome of the outpatient attendance. <a href="https://www.datadictionary.nhs.uk/attributes/outcome_of_attendance.html">https://www.datadictionary.nhs.uk/attributes/outcome_of_attendance.html</a>
outcome_of_attendance_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The outcome of the outpatient attendance.

column	type	notes	description
pathway_id	string	<b>Foreign Key:</b> patient-pathway.pathway_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the pathway the appointment lies on.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from
treatment_function_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 115, 120, 130, 140, 141, 143, 144, 145, 150, 160, 161, 170, 172, 173, 174, 191, 142, 171, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 230, 240, 241, 242, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 270, 280, 290, 291, 321, 421, 180, 190, 192, 200, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 313, 314, 315, 316, 317, 318, 319, 320, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 333, 335, 340, 341, 342, 343, 344, 345, 346, 347, 348, 350, 352, 360, 361, 370, 371, 400, 401, 410, 420, 422, 424, 430, 431, 450, 451, 460, 461, 501, 502, 503, 504, 505, 510, 520, 560, 610, 620, 656, 700, 710, 711, 712, 713, 715, 720, 721, 722, 723, 724, 725, 726, 727, 730, 800, 811, 812, 822, 832, 834, 650, 651, 652, 653, 654, 655, 657, 658, 659, 660, 661, 662, 663, 670, 673, 675, 677, 840, 920, 990, null] Severity**: WARN	The specialty the patient is being treated for. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
treatment_function_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The specialty the patient is being treated for.
was_patient_on_pifu_pathway	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A boolean that's true when the patient was on a PIFU pathway at the date of appointment. <a href="https://www.datadictionary.nhs.uk/attributes/patient_on_patient_initiated_out-patient_follow_up_pathway_indicator.html">https://www.datadictionary.nhs.uk/attributes/patient_on_patient_initiated_out-patient_follow_up_pathway_indicator.html</a>

column	type	notes	description
was_patient_subject_to_remote_monitoring	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A boolean that's true when the patient was subject to remote monitoring at the date of appointment. <a href="https://www.datadictionary.nhs.uk/attributes/patient_subject_to_remote_monitoring_indicator.html">https://www.datadictionary.nhs.uk/attributes/patient_subject_to_remote_monitoring_indicator.html</a>
administrative_category	string	**Optional - derivable. Please do not provide this unless you require	Whether the patient is a private patient, NHS patient etc. <a href="https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html">https://www.datadictionary.nhs.uk/attributes/administrative_category_code.html</a>
appointment_booked_reason	string	**Optional - derivable. Please do not provide this unless you require	The cause of the appointment being booked. <a href="https://www.datadictionary.nhs.uk/attributes/appointment_booked_reason.html">https://www.datadictionary.nhs.uk/attributes/appointment_booked_reason.html</a>
attendance_status	string	**Optional - derivable. Please do not provide this unless you require	An indication of whether the appointment occurred, whether the patient was late, whether the patient attended etc. <a href="https://www.datadictionary.nhs.uk/attributes/attendance_status.html">https://www.datadictionary.nhs.uk/attributes/attendance_status.html</a>
booked_duration	int	**Optional - derivable. Please do not provide this unless you require	The duration booked for the appointment (minutes): <a href="https://www.datadictionary.nhs.uk/data_elements/expected_duration_of_appointment.html">https://www.datadictionary.nhs.uk/data_elements/expected_duration_of_appointment.html</a>
cancer_priority_ordering	int	**Optional - derivable. Please do not provide this unless you require	0-5 ordering on priority where 0 is the highest priority - used by Cancer 360 to determine which records to preferentially display in the cancer PTL. Typically a static mapping with booking_status.
consultation_mechanism	string	**Optional - derivable. Please do not provide this unless you require	The communication mechanism used to relay information between the care professional and patient. <a href="https://www.datadictionary.nhs.uk/attributes/consultation_mechanism.html">https://www.datadictionary.nhs.uk/attributes/consultation_mechanism.html</a>
has_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is ordered_date, scheduled_date or attended_date "recent", by default this means within the last 3 days
is_date_time_booked_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is date_time_booked "recent", by default this means within the last 3 days

column	type	notes	description
is_date_time_cancelled_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is date_time_cancelled "recent", by default this means within the last 3 days
is_ordered_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is ordered_date "recent", by default this means within the last 3 days
is_start_date_time_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is start_date_time "recent", by default this means within the last 3 days
outcome_of_attendance	string	**Optional - derivable. Please do not provide this unless you require	The outcome of the outpatient attendance. <a href="https://www.datadictionary.nhs.uk/attributes/outcome_of_attendance.html">https://www.datadictionary.nhs.uk/attributes/outcome_of_attendance.html</a>
specialty_name	string	**Optional - derivable. Please do not provide this unless you require	The specialty related to the appointment
treatment_function_name	string	**Optional - derivable. Please do not provide this unless you require	The specialty the patient is being treated for. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>

## [CDM] Assigned Care Professional

**Full table name:** assigned\_care\_professional

**Primary Key:** assigned\_care\_professional\_id

**Description:** Links a care professional with an activity (Appointment, Consultant Episode, or UEC Attendance)

column	type	notes	description
appointment_id	string	<b>Foreign Key:</b> appointment.attendance_id	A foreign key to Appointment.
assigned_care_professional_id	string	<b>Primary Key:</b> assigned_care_professional_id	Primary key.
care_professional_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	A foreign key to Care Professional.
clinical_responsibility_timestamp	timestamp		The timestamp the care professional became clinically responsible for the patient. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/care_professional_clinical_responsibility_timestamp.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/care_professional_clinical_responsibility_timestamp.html</a>
consultant_episode_id	string	<b>Foreign Key:</b> consultant_episode.consultant_episode_id	A foreign key to Consultant Episode.
is_responsible_care_professional	boolean		A flag that indicates whether the care professional has overall clinical responsibility of the patient for the linked activity. <a href="https://www.datadictionary.nhs.uk/data_elements/responsible_care_professional_indicator.html">https://www.datadictionary.nhs.uk/data_elements/responsible_care_professional_indicator.html</a>
is_responsible_for_ed_discharge	boolean		A flag that indicates whether the care professional is responsible for discharging the patient from an emergency department. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/care_professional_clinical_responsibility_timestamp.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/care_professional_clinical_responsibility_timestamp.html</a>
uec_attendance_id	string	<b>Foreign Key:</b> uec_attendance.uec_attendance_id	A foreign key to UEC Attendance.

## [CDM] Birth

**Full table name:** birth

**Primary Key:** birth\_id

**Description:** The details of the birth event.

column	type	notes	description
admission_id	string	<b>Foreign Key:</b> admission.admission_id	Foreign key to the Admission object type.
baby_patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the baby's Patient object type.
birth_id	string	<b>Primary Key:</b> birth_id	Primary key
birth_sequence_number	int		The sequence in which the baby was born, with 1 being the first baby. This field is mostly useful for twins, triplets, etc. <a href="https://www.datadictionary.nhs.uk/data_elements/birth_order.html">https://www.datadictionary.nhs.uk/data_elements/birth_order.html</a>
birth_weight_grams	int		Weight of the baby in grams. Please map any value of 9999 (unknown weight) to null. <a href="https://www.datadictionary.nhs.uk/data_elements/birth_weight.html">https://www.datadictionary.nhs.uk/data_elements/birth_weight.html</a>
delivery_method_code	string	<b>Values:</b> [0, 1, 2, 3, 4, 5, 6, 7, 8, 9,null] <b>Severity:</b> WARN	The method by which the baby was delivered. <a href="https://www.datadictionary.nhs.uk/attributes/delivery_method.html">https://www.datadictionary.nhs.uk/attributes/delivery_method.html</a>
gestation_length_weeks	int		The number of weeks completed gestation. <a href="https://www.datadictionary.nhs.uk/attributes/gestation_length_in_weeks.html">https://www.datadictionary.nhs.uk/attributes/gestation_length_in_weeks.html</a>
is_still_birth	boolean		A boolean that is true if the birth was a still birth.
labour_id	string	<b>Foreign Key:</b> labour.labour_id	Foreign key to the mother's labour that led to the birth.
live_or_still_birth_code	string	<b>Values:</b> [0, 1, 2, 3, 4, 5,null] <b>Severity:</b> WARN	The type of still birth, or live birth. <a href="https://www.datadictionary.nhs.uk/attributes/live_or_still_birth.html">https://www.datadictionary.nhs.uk/attributes/live_or_still_birth.html</a>
pregnancy_id	string	<b>Foreign Key:</b> pregnancy.pregnancy_id	Foreign key to the mother's pregnancy.



column	type	notes	description
resuscitation_method_code	string	<b>Values:</b> [1, 2, 3, 4, 5, 6, null] <b>Severity:</b> WARN	The method used to resuscitate the baby. <a href="https://www.datadictionary.nhs.uk/attributes/resuscitation_method_code.html">https://www.datadictionary.nhs.uk/attributes/resuscitation_method_code.html</a>
status_of_person_conducting_delivery_code	string	<b>Values:</b> [1, 2, 3, 8, null] <b>Severity:</b> WARN	The type of person conducting the delivery. <a href="https://www.datadictionary.nhs.uk/attributes/status_of_person_conducting_delivery.html">https://www.datadictionary.nhs.uk/attributes/status_of_person_conducting_delivery.html</a>
delivery_method_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The method by which the baby was delivered.
live_or_still_birth_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicates whether the birth is live or still birth.
resuscitation_method_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The method used to resuscitate the baby.
status_of_person_conducting_delivery_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of person conducting the delivery.
delivery_method	string	**Optional - derivable. Please do not provide this unless you require	The method by which the baby was delivered. <a href="https://www.datadictionary.nhs.uk/attributes/delivery_method.html">https://www.datadictionary.nhs.uk/attributes/delivery_method.html</a>
live_or_still_birth	string	**Optional - derivable. Please do not provide this unless you require	If the birth is a still birth, this will discern the type of still birth e.g. "Stillbirth ante-partum". If the birth was not a still birth, the value will be "Live". <a href="https://www.datadictionary.nhs.uk/attributes/live_or_still_birth.html">https://www.datadictionary.nhs.uk/attributes/live_or_still_birth.html</a>
resuscitation_method	string	**Optional - derivable. Please do not provide this unless you require	The method used to resuscitate the baby. <a href="https://www.datadictionary.nhs.uk/attributes/resuscitation_method_code.html">https://www.datadictionary.nhs.uk/attributes/resuscitation_method_code.html</a>
status_of_person_conducting_delivery	string	**Optional - derivable. Please do not provide this unless you require	The type of person conducting the delivery e.g. midwife, hospital doctor etc. <a href="https://www.datadictionary.nhs.uk/attributes/status_of_person_conducting_delivery.html">https://www.datadictionary.nhs.uk/attributes/status_of_person_conducting_delivery.html</a>

## [CDM] Booking Request

**Full table name:** booking-request

**Primary Key:** booking\_request\_id

**Description:** Dataset for a request to book an encounter, or modify an already booked encounter (cancel, reschedule)

column	type	notes	description
action	string		Booking action required
am_pm	string		Whether the booking is morning/afternoon/all day (values - AM / PM / AD)
assigned_team_id	string		ID of the team assigned to this task
assigned_team_name	string		Name of assigned team of this task
assigned_user_group	string		User group responsible for booking request
assigned_user_ids	array		IDs of users assigned to this task
assigned_user_names	array		Names of users assigned to this task
booking_request_id	string	<b>Primary Key:</b> booking_request_id	ID of booking request
closed_at	timestamp		Timestamp when this task was closed
closed_by	string		User who closed this task
comment	string		Booking request comment
consultant_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	Encounter lead consultant
date	date		Date of the booking
encounter_estimated_total_theatre_time	int		Estimated total theatre time of the encounter
encounter_id	string	<b>Foreign Key:</b> encounters.encounter_id	Foreign key: encounter
intended_primary_procedure_description	string		Description of the intended primary procedure
intended_primary_procedure_free_text	string		Free-text description of the intended primary procedure
mnemonic	string		Mnemonic used to identify the booking
mrn	string		Patient MRN
person_id	string		ID, a unique identifier for each patient

column	type	notes	description
procedure_code	string		OPCS code of the procedure - <a href="https://www.datadictionary.nhs.uk/data_elements/primary_procedure_opcs_.html">https://www.datadictionary.nhs.uk/data_elements/primary_procedure_opcs_.html</a>
reason	string		Booking request reason
specialty_id	string	<b>Foreign Key:</b> specialty.specialty_id	Associated encounter specialty
status	string		Status of booking request (Open, Completed, Declined, Pending)
task_due_date	date		Due date for this task
task_priority	string		High, Medium, or Low
task_type	string		Task type - this will always be 'Inpatient Booking Request'
theatre_booking_id	string		ID of the associated theatre booking
theatre_name	string		Name of the theatre
theatre_session_id	string	<b>Foreign Key:</b> theatre-session.theatre_session_id	Associated theatre session
theatre_session_planned_duration_minutes	int		Duration of the planned theatre session
theatre_session_primary_consultant_id	string		ID of the primary consultant
timestamp	timestamp		Timestamp booking request created
title	string		Booking request title
type	string		Booking request type (Book, Move, Cancel)
updated_at	timestamp		Timestamp when this task was most recently updated
updated_by	string		User who most recently updated this task
user_id	string		Multipass user id of user creating booking request

# [CDM] Booking Request Comment

Full table name: ccs-booking-request-comment

Primary Key: comment\_id

Description: Dataset for capturing comments on booking requests

column	type	notes	description
booking_request_id	string	Foreign Key: booking-request.booking_request_id	Booking request
comment_action	string		Action taken when creating comment
comment_id	string	Primary Key: comment_id	ID of comment
comment_markdown	string		Markdown version of free text comment
comment_text	string		String text of comment
comment_timestamp	timestamp		Timestamp when comment was created
comment_user	string		multipass user-id of user creating comment
tags	array		Tags of comment

# [CDM] Cancer Pathway

Full table name: cancer-pathway  
Primary Key: cancer\_pathway\_id

Description: Cancer pathways information.

column	type	notes	description
cancer_pathway_id	string	Primary Key: cancer_pathway_id	The primary key for the cancer pathway.
patient_id	string	Foreign Key: patient.person_id	Foreign key to the patient on this pathway.
28_day_breach_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date by which the 28-day faster diagnosis standard for diagnosis or ruling out cancer is breached. This is the date after which the patient was not informed of their diagnosis within the 28-day Faster Diagnosis Standard.
31_day_breach_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date by which the 31-day faster diagnosis standard from decision to treat to first treatment is breached. This is the date after which the patient did not receive their first treatment within the 31-day standard.
62_day_breach_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date by which the 62-day faster diagnosis standard from urgent referral to first treatment is breached. This is the date after which the patient did not receive their first treatment within the 62-day standard.
adjusted_pathway_start_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The start date of the cancer pathway after taking into account any adjustments. This date is used to calculate waiting times and may be adjusted for valid reasons like patient choice or clinical necessity.
birth_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The patient's date of birth.
cancer_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The primary site of cancer, such as breast, lung, or colorectal.
cancer_sub_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A more specific location within the primary cancer site.

column	type	notes	description
death_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date of the patient's death, if applicable.
decision_to_treat_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which a clinical decision to treat was made regarding the patient's treatment plan.
diagnosis	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The medical diagnosis of the patient's cancer.
diagnosis_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the cancer diagnosis was confirmed.
diagnosis_icd_10_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The ICD-10 code corresponding to the cancer diagnosis.
first_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The patient's first name.
first_seen_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the patient was first seen by a specialist. This can be the first outpatient appointment or the first diagnostic test that leads to the diagnosis.
first_seen_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The name of the organization where the patient is first seen.
first_seen_site_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The ODS code of the organization where the patient is first seen.
first_treatment_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the patient received their first definitive treatment for cancer.
first_treatment_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of treatment used for the first_treatment milestone on the pathway.
full_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The patient's full name.
hospital_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The name of the hospital site.
is_28_day_pathway_open	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicator of whether the 28 day faster diagnosis standard cancer pathway is open.
is_31_day_pathway_open	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicator of whether the 31 day faster diagnosis standard cancer pathway is open.

column	type	notes	description
is_62_day_pathway_open	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicator of whether the 62 day cancer faster diagnosis standard pathway is open.
is_benign	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Whether the diagnosis is benign.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date and time that this row of data was last refreshed at from the source system.
mrn	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Medical record number/hospital number.
nhs_number	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	NHS number, National-level identifier for a patient <a href="https://www.datadictionary.nhs.uk/attributes/nhs_number.html">https://www.datadictionary.nhs.uk/attributes/nhs_number.html</a>
organisation_site_treatment	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The ORGANISATION SITE IDENTIFIER of the organization where the patient receives treatment.
original_pathway_start_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The initial start date of the cancer pathway, typically the date the urgent referral was received.
pathway_closed_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the cancer pathway was closed, either because treatment was completed, the patient was diagnosed as benign, or the patient left the pathway for another reason.
pathway_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The current status of the cancer pathway (e.g., Open, Closed).
pathway_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of cancer pathway (e.g. urgent suspected cancer [62 day standard], breast symptomatic, screening, upgrade).
patient_informed_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the patient was informed about their diagnosis or treatment plan.
referral_received_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the referral was received by the hospital. This marks the start of the cancer pathway clock.
referral_source	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The source of the referral, identifying who referred the patient.

column	type	notes	description
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptor or display names of the source systems the data in this row is sourced from
surname	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The patient's surname.
treatment_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The name of the organization where the patient receives treatment.
treatment_site_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The ODS code of the organization where the patient receives treatment.
treatment_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of treatment
upgrade_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date that the consultant responsible for the care of the patient (or an authorized member of the consultant team) decided that the patient should be upgraded from an RTT period to a 62-day period as cancer is suspected.
waiting_time_adjustment_days	int	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Adjustment, in days, made to the pathway start date. Could be due to many factors, such as patient delays or clinical reasons.



# [CDM] Cancer Tracking Comment

Full table name: cancer-tracking-comment

Primary Key: cancer\_tracking\_comment\_id

Description: Tracking Comments for cancer pathways.

column	type	notes	description
cancer_pathway_id	string	<b>Foreign Key:</b> cancer-pathway.cancer_pathway_id	The foreign key for the cancer pathway this comment is about.
cancer_tracking_comment_id	string	<b>Primary Key:</b> cancer_tracking_comment_id	The primary key for the cancer tracking comment.
comment_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The text content of the comment.
comment_title	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The title or subject of the comment.
created_at_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp indicating when the comment was created.
created_by	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The unique identifier for the patient's cancer pathway associated with the comment.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date and time that this row of data was last refreshed at from the source system.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from

## [CDM] Cancer Treatment

**Full table name:** cancer-treatment

**Primary Key:** cancer\_treatment\_id

**Description:** Treatment information.

column	type	notes	description
cancer_treatment_id	string	<b>Primary Key:</b> cancer_treatment_id	The primary key for the treatment.
clean_treatment_status	string	<b>Values:</b> [ordered, scheduled, attended, cancelled, did not attend, null] <b>Severity:</b> FAIL	The status of this treatment. One of ordered, scheduled, attended, cancelled, did not attend to be calculated/derived based on the data available at the local trust
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the patient receiving the treatment.
attended_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the treatment was attended.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp indicating when the data was last refreshed at the source.
ordered_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the treatment was ordered.
scheduled_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the treatment was scheduled.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from
treatment_description	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A description of the treatment provided.
treatment_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The current raw status of the treatment.
treatment_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of treatment administered.
cancer_priority_ordering	int	**Optional - derivable. Please do not provide this unless you require	0-5 ordering on priority where 0 is the highest priority - used by Cancer 360 to determine which records to preferentially display in the cancer PTL. Typically a static mapping with clean_status.

column	type	notes	description
has_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is attended_date, ordered_date or scheduled_date "recent", by default this means within the last 3 days
is_attended_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is attended_date "recent", by default this means within the last 3 days
is_ordered_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is ordered_date "recent", by default this means within the last 3 days
is_scheduled_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is scheduled_date "recent", by default this means within the last 3 days

## [CDM] Care Professional

**Full table name:** care-professional

**Primary Key:** care\_professional\_id

**Description:** Care professionals employed by the trust. This should include consultants and anaesthetists at a minimum, but can include all staff members: [https://www.datadictionary.nhs.uk/classes/care\\_professional.html](https://www.datadictionary.nhs.uk/classes/care_professional.html). Care professional information is used to filter waiting list, theatre and clinic data by the primary responsible consultant, as well as viewing which staff members are assigned to specific theatre sessions and clinics

column	type	notes	description
care_professional_id	string	<b>Primary Key:</b> care_professional_id	ID for the Care Professional
care_professional_local_id	string		Trust local identifier for the care professional, e.g. a GMC number
is_active	boolean		true if the Care Professional is currently employed by trust. Past employees are required for completeness within the dataset
name	string		Care Professional name (Last Name, First Name)
role	string	<b>Values:</b> [Consultant, Anaesthetist, Scrub, ODP, Nurse, Other, null] <b>Severity:</b> WARN	Care Professional role allowed values are "Consultant", "Anaesthetist", "Scrub", "ODP", "Nurse" and "Other"
specialty_ids	array		list of specialty IDs the care professional is responsible for
main_specialty_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> <b>Values:</b> [100, 101, 107, 110, 120, 130, 140, 141, 142, 143, 145, 146, 147, 148, 149, 150, 160, 170, 171, 191, 180, 190, 192, 200, 300, 301, 302, 303, 304, 305, 310, 311, 312, 313, 314, 315, 317, 320, 321, 325, 326, 330, 340, 350, 352, 360, 361, 370, 371, 400, 401, 410, 420, 421, 430, 450, 451, 460, 500, 501, 502, 504, 510, 520, 560, 600, 601, 610, 620, 700, 710, 711, 712, 713, 715, 800, 810, 820, 821, 822, 823, 824, 830, 831, 832, 833, 834, 900, 901, 902, 903, 904, 950, 960, 990, null] <b>Severity**:</b> WARN	Data dictionary code. The main specialty the consultant is contracted under for the trust. <a href="https://www.datadictionary.nhs.uk/attributes/main_specialty_code.html">https://www.datadictionary.nhs.uk/attributes/main_specialty_code.html</a>

column	type	notes	description
professional_registration_body_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, null] Severity**: WARN	Data dictionary code. The professional registration body responsible for issuing the professional registration entry identifier. <a href="https://www.datadictionary.nhs.uk/attributes/professional_registration_body_code.html">https://www.datadictionary.nhs.uk/attributes/professional_registration_body_code.html</a>
professional_registration_entry_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The identifier issued to a registered care professional by the professional registration body. <a href="https://www.datadictionary.nhs.uk/attributes/professional_registration_entry_identifier.html">https://www.datadictionary.nhs.uk/attributes/professional_registration_entry_identifier.html</a>
main_specialty	string	**Optional - derivable. Please do not provide this unless you require	The main specialty the consultant is contracted under for the trust. <a href="https://www.datadictionary.nhs.uk/attributes/main_specialty_code.html">https://www.datadictionary.nhs.uk/attributes/main_specialty_code.html</a>
professional_registration_body	string	**Optional - derivable. Please do not provide this unless you require	The professional registration body responsible for issuing the professional registration entry identifier. <a href="https://www.datadictionary.nhs.uk/attributes/professional_registration_body_code.html">https://www.datadictionary.nhs.uk/attributes/professional_registration_body_code.html</a>
specialty_names	array	**Optional - derivable. Please do not provide this unless you require	list of specialty names the care professional is responsible for

# [CDM] Change Log Request

Full table name: ccs-change-log

Primary Key: change\_log\_id

Description: Request to make a change to an encounter

column	type	notes	description
action_type	string		Required action type (close, modify)
assigned_team_id	string		ID of the team assigned to this task
assigned_team_name	string		Name of assigned team of this task
assigned_user_ids	array		IDs of users assigned to this task
assigned_user_names	array		Names of users assigned to this task
care_professional_id	string		ID of the care professional this task relates to.
care_professional_name	string		Name of the care professional this task relates to.
change_log_id	string	Primary Key: change_log_id	ID
closed_at	timestamp		Timestamp when this task was closed
closed_by	string		User who closed this task
description	string		Change request description (e.g. incorrect entry)
eal_id	string	Foreign Key: eal-entry.eal_id	Eal
encounter_id	string	Foreign Key: encounters.encounter_id	Encounter
free_text_comments	string		Free text comments for change request
is_rtt	boolean		Defines if this is an active RTT pathway as per the rtt_pathway_status
new_value	string		New value of property to modify
originating_waiting_list_alert_rule_ids	array		Waiting list alert rule ids
originating_waiting_list_alert_rule_types	array		Waiting list alert rule sources
pre_resolved	boolean		Is pre-resolved by DQ team
primary_evidence_source	string		Primary source of evidence
property_to_modify	string		Property to modify (if action type is modify)
rccs_clinical_harm_review	string		Clinical harm review for priority changes

column	type	notes	description
requested_by	string		Multipass user-id of requester
resolved	boolean		Has been resolved
secondary_evidence_source	array		Secondary sources of evidence
specialty_id	string		Foreign key, specialty
specialty_name	string		Specialty name
task_due_date	date		Due date for this task
task_priority	string		High, Medium, or Low
task_type	string		Task type - this will always be 'Inpatient Change Request'
timestamp	timestamp		Created timestamp

# [CDM] Clinic Letter

Full table name: clinic-letter

Primary Key: clinic\_letter\_id

Description: Dataset containing metadata, including clinic letter dates, for validation teams to identify new letters summarizing patient appointments, diagnoses, treatment decisions, and next steps.

column	type	notes	description
appointment_id	string	Foreign Key: appointment.attendance_id	Appointment the letter relates to
clinic_letter_date	timestamp		Timestamp the clinic letter was written
clinic_letter_id	string	Primary Key: clinic_letter_id	Unique identifier for the clinic letter
consultant_id	string		Consultant who wrote the letter
patient_id	string		Patient the letter relates to
clinic_letter_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Type of clinic letter
letter_content	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The full text content of the letter
letter_rid	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The unique reference ID to a referral letter that has been uploaded to FDP and stored in a media set
has_letter_content	boolean		Whether this letter object has the full text content or not
specialty_id	string	Foreign Key: specialty.specialty_id	Id of the specialty for the linked appointment
specialty_name	string		Display name of the specialty for the linked appointment



## [CDM] Clinic Session

**Full table name:** clinic

**Primary Key:** clinic\_id

**Description:** Consultant clinic sessions: [https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/consultant\\_clinic\\_session.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/consultant_clinic_session.html) The minimum scope of clinic sessions should be those that relate to outpatient clinics

column	type	notes	description
care_professional_id	string		Care professional holding the clinic session
clinic_code	string		Clinic/resource code for the clinic. This should match the appointment code.
clinic_end_timestamp	timestamp		Date and time of the clinic session end
clinic_id	string	<b>Primary Key:</b> clinic_id	ID for the clinic session
clinic_name	string		Name of the clinic (e.g. DOCTOR, D1)
clinic_start_timestamp	timestamp		Date and time of the clinic session start: <a href="https://www.datadictionary.nhs.uk/attributes/session_date.html">https://www.datadictionary.nhs.uk/attributes/session_date.html</a>
location	string		The physical location the clinic takes place in: <a href="https://www.datadictionary.nhs.uk/classes/location.html">https://www.datadictionary.nhs.uk/classes/location.html</a> (e.g. LGF, Gate 3)
room_id	string		the clinic room ID the session is held in
site_id	string	<b>Foreign Key:</b> site.id	The Hospital site ID: <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_site.html?hl=hospital%2Csite">https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_site.html?hl=hospital%2Csite</a>
specialty_id	string		Primary Specialty of the clinic
status	string	<b>Values:</b> [Active, On hold, Cancelled, null] <b>Severity:</b> WARN	The latest activity status of the clinic (e.g. Active, On hold, Cancelled).
total_slots	int		Total number of active appointment slots available in the clinic session (e.g., the slot is not on hold or cancelled)
total_vacant_slots_followup	int		Total number of vacant appointment slots for follow-up appointments in the clinic session

column	type	notes	description
total_vacant_slots_new	int		Total number of vacant appointment slots for new appointments in the clinic session
booking_team	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Type of team booking for this clinic e.g., centralised, de-centralised, partial for the clinic
cancellation_reason	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Reason of the cancellation (e.g. annual leave, study leave, industrial action, etc.)
cancellation_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date and time the clinic was cancelled
clinic_free_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Optional data field to denote operational-only clinic requirements for the clinic
clinic_modality	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Modality of the clinic (Face-to-face, Virtual, Tele-med)
clinic_type_active	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Defines if clinic type should be available for booking of appointments.
clinic_type_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Unique identifier of clinic type
clinic_type_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Name of the clinic type
is_private	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	true if clinic is for private patients
lead_consultant_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The id of the care professional who is the lead consultant for the clinic session
slot_specialty_ids	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Aggregation of all relevant specialties for a given clinic based on slot data
status_reason	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Optional data field to provide additional operational context around the latest status of the clinic (e.g., hold reason, cancellation reason)
treatment_function_codes	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A unique identifier for the treatment function. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
treatment_function_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The corresponding name of the treatment function. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>

column	type	notes	description
type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of clinic e.g. pre-op, face-to-face
am_pm	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [AM, PM, AD, null] Severity**: WARN	Signifies whether the clinic is morning/afternoon/all day
clinic_display_name	string	**Optional - derivable. Please do not provide this unless you require	Provides ability for Trusts to configure the way the clinic is displayed in the front-end
clinic_utilisation	double	**Optional - derivable. Please do not provide this unless you require	Percentage of available clinic duration booked. Derived by default as total_booked_duration / total_duration
has_annual_leave	boolean	**Optional - derivable. Please do not provide this unless you require	true if the care professional holding the clinic session has an annual leave event during the session
has_annual_leave_string	string	**Optional - derivable. Please do not provide this unless you require	Stringified version of the has_annual_leave column
is_cancelled	boolean	**Optional - derivable. Please do not provide this unless you require	true if the clinic session has been cancelled
lead_consultant	string	**Optional - derivable. Please do not provide this unless you require	The name of the lead consultant for the clinic
overbooked	boolean	**Optional - derivable. Please do not provide this unless you require	true if clinic is overbooked
slot_utilisation_percentage	double	**Optional - derivable. Please do not provide this unless you require	Percentage of available slot capacity booked. Derived by default as total_booked_slots / total_slots
slot_utilisation_rag	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Red, Orange, Green, null] Severity**: WARN	Used to specify colour rendering for the slot_utilisation value in frontend applications. Default values (> 1.0 Red
start_day_of_week	string	**Optional - derivable. Please do not provide this unless you require	Clinic start day of week (e.g. Monday, Tuesday)
total_booked_duration	int	**Optional - derivable. Please do not provide this unless you require	Total booked duration (minutes)
total_booked_slots	int	**Optional - derivable. Please do not provide this unless you require	Total number of booked appointment slots in the clinic session
total_duration	int	**Optional - derivable. Please do not provide this unless you require	Total clinic duration (minutes)

column	type	notes	description
total_vacant_slot_duration	int	<b>**Optional - derivable. Please do not provide this unless you require</b>	Total unbooked duration (minutes)
total_vacant_slots	int	<b>Optional - derivable. Please do not provide this unless you require</b> Nullable**: False	Total number of vacant appointment slots in the clinic session. This should equal the sum of vacant new and follow-up slots. Can be derived if vacant new/follow-up slot data is available
date	date		Date of clinic session
site_name	string		Hospital site at which the activity will take place
specialty_name	string		the name of the primary specialty of the clinic
week_delta	int		Number of weeks difference from date to the current week (negative if date is in the past)
week_delta_string	string		Textual description of the week delta (e.g. Week 10)
week_delta_string_details	string		Textual description of the week delta with date (e.g. Week 10: 01-01-2022)

## [CDM] Clinic Slot

Full table name: slots

Primary Key: slot\_id

Description: Appointment slot sessions: [https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/consultant\\_clinic\\_session.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/consultant_clinic_session.html) The minimum scope of slot should be those that relate to outpatient clinic sessions. It should be considered as a period of time within a session for one or more appointments with a Consultant.

column	type	notes	description
activity_type	string	Nullable: False	Indicates the type of activity this slot should be filled with (for example New or Follow-up)
appointment_id	string	Foreign Key: appointment.attendance_id	FK of the appointment that belongs to this slot
care_professional_id	string	Foreign Key: care-professional.care_professional_id	FK of the care professional for this slot
clinic_id	string	Foreign Key: clinic.clinic_id Nullable: False	FK of the session this slot belongs to
description	string		A string description of the slot, typically providing multiple key pieces of information in one value
end_time	timestamp	Nullable: False	End time of the slot
location_description	string		General area/location for this slot
resource_code	string	Nullable: False	Generic resource code for what templated session this slot fits into (e.g., clinic code in clinics)
session_type	string	Nullable: False	Used to differentiate slots for different types of sessions
site_id	string	Foreign Key: site.id	FK of the hospital site for this slot
slot_id	string	Primary Key: slot_id Nullable: False	ID for the slot
slot_type	string		Indicates what type of slot it is (for example Discrete or Continuous)
start_time	timestamp	Nullable: False	Start time of the slot
status	string	Nullable: False Values: [Booked, Unbooked, On hold, Cancelled] Severity: WARN	Indicates whether the slot has been booked, is available for booking or potentially on hold/cancelled

column	type	notes	description
activity_priority	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicates the priority of the activity this slot should be filled with
comment	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Note users enter in PAS to enhance booking criteria for certain slots
service_ids	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	ID's of linked services.
am_pm	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [AM, PM, AD, null] Severity**: WARN	Signifies whether the slot is morning/afternoon/all day
site_name	string		Hospital site at which the activity will take place
slot_date	date		The date of the slot
slot_duration	int		The duration of the slot (in minutes)

## [CDM] Clinic Type

Full table name: clinic-type

Primary Key: clinic\_type\_id

Description: Type of outpatient clinic.

column	type	notes	description
clinic_type_active	boolean		Defines if this type of clinic is active and available for signposting and booking of patients.
clinic_type_id	string	Primary Key: clinic_type_id Nullable: False	Unique Identifier of the clinic type.
clinic_type_name	string		Name of the clinic type.
specialty_id	string	Foreign Key: specialty.specialty_id	ID of the specialty that runs clinic of this type.

## [CDM] Comorbidity

**Full table name:** comorbidity

**Primary Key:** comorbidity\_id

**Description:** A medical condition that the patient lives with, which coexists with their main condition.

[https://www.datadictionary.nhs.uk/data\\_elements/comorbidity\\_\\_snomed\\_ct\\_.html](https://www.datadictionary.nhs.uk/data_elements/comorbidity__snomed_ct_.html)

column	type	notes	description
comorbidity_icd_10_code	string		The comorbidity ICD-10 code.
comorbidity_id	string	<b>Primary Key:</b> comorbidity_id	Primary key.
comorbidity_snomed_ct_code	string		The comorbidity SNOMED CT code. <a href="https://www.datadictionary.nhs.uk/data_elements/comorbidity__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/comorbidity__snomed_ct_.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the patient who has these comorbidities.
recorded_end_date	date		The date the patient was recorded to not have this particular comorbidity.
recorded_start_date	date		The date the patient was recorded to have this particular comorbidity.
comorbidity	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The comorbidity description.



## [CDM] Consultant Episode

**Full table name:** consultant\_episode

**Primary Key:** consultant\_episode\_id

**Description:** The period of time a particular consultant is in charge of a patient's care during an admission (spell).

[https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/consultant\\_episode\\_hospital\\_provider\\_.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/consultant_episode_hospital_provider_.html)

column	type	notes	description
admission_id	string	<b>Foreign Key:</b> admission.admission_id	A foreign key to the Admission object type.
consultant_episode_id	string	<b>Primary Key:</b> consultant_episode_id	Primary key.
end_timestamp	timestamp		The timestamp when the consultant episode ended.
healthcare_provider_ods_code	string		The organisation acting as the healthcare provider for the consultant episode. Where no organisation identifier has been issued for a non-uk provider then this is represented by 89997. Where no organisation identifier has been issued for a non-nhs uk provider then this is represented by 89999. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	A foreign key to the Patient object type.
psychiatric_patient_status_code	string	<b>Values:</b> [0, 1, 2, null] <b>Severity:</b> WARN	An indication of whether the patient has been admitted or transferred to a consultant in one of the psychiatric specialties within a previous admission. <a href="https://www.datadictionary.nhs.uk/attributes/psychiatric_patient_status.html">https://www.datadictionary.nhs.uk/attributes/psychiatric_patient_status.html</a>
rehabilitation_assessment_team_type_code	string	<b>Values:</b> [1, 2, 8, 9, null] <b>Severity:</b> WARN	An indication of whether the care professional team undertaking a rehabilitation assessment, is specialised or non-specialised. <a href="https://www.datadictionary.nhs.uk/data_elements/rehabilitation_assessment_team_type.html">https://www.datadictionary.nhs.uk/data_elements/rehabilitation_assessment_team_type.html</a>
start_timestamp	timestamp		The timestamp when the consultant episode started.

column	type	notes	description
total_number_of_rehabilitation_days	int		The total number of days the patient spent under rehabilitation throughout the consultant episode. <a href="https://www.datadictionary.nhs.uk/data_elements/length_of_stay_adjustment_rehabilitation_.html">https://www.datadictionary.nhs.uk/data_elements/length_of_stay_adjustment_rehabilitation_.html</a>
total_number_of_specialist_palliative_care_days	int		The total number of days the patient spent under specialist palliative care throughout the consultant episode. <a href="https://www.datadictionary.nhs.uk/data_elements/length_of_stay_adjustment_specialist_palliative_care_.html">https://www.datadictionary.nhs.uk/data_elements/length_of_stay_adjustment_specialist_palliative_care_.html</a>
treatment_function_code	string	<b>Values:</b> [100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 115, 120, 130, 140, 141, 143, 144, 145, 150, 160, 161, 170, 172, 173, 174, 191, 142, 171, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 230, 240, 241, 242, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 270, 280, 290, 291, 321, 421, 180, 190, 192, 200, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 313, 314, 315, 316, 317, 318, 319, 320, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 333, 335, 340, 341, 342, 343, 344, 345, 346, 347, 348, 350, 352, 360, 361, 370, 371, 400, 401, 410, 420, 422, 424, 430, 431, 450, 451, 460, 461, 501, 502, 503, 504, 505, 510, 520, 560, 610, 620, 656, 700, 710, 711, 712, 713, 715, 720, 721, 722, 723, 724, 725, 726, 727, 730, 800, 811, 812, 822, 832, 834, 650, 651, 652, 653, 654, 655, 657, 658, 659, 660, 661, 662, 663, 670, 673, 675, 677, 840, 920, 990, null] <b>Severity:</b> WARN	The specialty the patient is being treated for. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
healthcare_provider	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The organisation acting as the healthcare provider for the consultant episode. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_code_of_provider_.html</a>

column	type	notes	description
psychiatric_patient_status_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	An indication of whether the patient has been admitted or transferred to a consultant in one of the psychiatric specialties within a previous admission.
rehabilitation_assessment_team_type_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	An indication of whether the care professional team undertaking a rehabilitation assessment, is specialised or non-specialised.
consultant_episode_sequence_number	int	**Optional - derivable. Please do not provide this unless you require	The ordering of this consultant episode, relative to every other consultant episode in the admission/spell. For example, a sequence number of 1 means that it is the first consultant episode in the admission/spell. It can be between 1 to 87. 98 represents 'Not applicable' and 99 represents 'episode number not known'. <a href="https://www.datadictionary.nhs.uk/data_elements/episode_number.html">https://www.datadictionary.nhs.uk/data_elements/episode_number.html</a>
psychiatric_patient_status	string	**Optional - derivable. Please do not provide this unless you require	An indication of whether the patient has been admitted or transferred to a consultant in one of the psychiatric specialties within a previous admission. <a href="https://www.datadictionary.nhs.uk/attributes/psychiatric_patient_status.html">https://www.datadictionary.nhs.uk/attributes/psychiatric_patient_status.html</a>
rehabilitation_assessment_team_type	string	**Optional - derivable. Please do not provide this unless you require	An indication of whether the care professional team undertaking a rehabilitation assessment, is specialised or non-specialised. <a href="https://www.datadictionary.nhs.uk/data_elements/rehabilitation_assessment_team_type.html">https://www.datadictionary.nhs.uk/data_elements/rehabilitation_assessment_team_type.html</a>
treatment_function	string	**Optional - derivable. Please do not provide this unless you require	The specialty the patient is being treated for. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>

## [CDM] Critical Care Daily Summary

**Full table name:** critical\_care\_daily\_summary

**Primary Key:** critical\_care\_daily\_summary\_id

**Description:** Describes what happened to a patient on a particular day in critical care.

column	type	notes	description
critical_care_activity_codes	array		A list of the activities (chargeable services) that occurred to the patient during the day of critical care. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_activity_code.html">https://www.datadictionary.nhs.uk/attributes/critical_care_activity_code.html</a>
critical_care_daily_summary_date	date		The date of the critical care daily summary.
critical_care_daily_summary_id	string	<b>Primary Key:</b> critical_care_daily_summary_id	Primary key.
critical_care_level_code	string		The level of critical care provided. Ranges from 0 to 3, with level 3 being the most intensive level of critical care; look at the data dictionary and national codes for more information. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_level.html">https://www.datadictionary.nhs.uk/attributes/critical_care_level.html</a>
critical_care_period_id	string	<b>Foreign Key:</b> critical_care_period.critical_care_period_id	A foreign key to the Critical Care Period object type.
high_cost_drug_opcs_4_codes	array		A list of the high cost drugs used in the day of critical care. <a href="https://www.datadictionary.nhs.uk/data_elements/high_cost_drugs_opcs_.html">https://www.datadictionary.nhs.uk/data_elements/high_cost_drugs_opcs_.html</a>
organ_systems_supported_codes	array		An array of all of the organ systems supported throughout the day. <a href="https://www.datadictionary.nhs.uk/attributes/organ_system_supported.html">https://www.datadictionary.nhs.uk/attributes/organ_system_supported.html</a>
patient_weight_kg	double		The patient's weight in kilograms. <a href="https://www.datadictionary.nhs.uk/data_elements/person_weight.html">https://www.datadictionary.nhs.uk/data_elements/person_weight.html</a>
critical_care_activity_local_codes	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A list of the activities (chargeable services) that occurred to the patient during the day of critical care.

column	type	notes	description
critical_care_level_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The level of critical care provided.
high_cost_drugs	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A list of the high cost drugs used in the day of critical care. <a href="https://www.datadictionary.nhs.uk/data_elements/high_cost_drugs_opcs_.html">https://www.datadictionary.nhs.uk/data_elements/high_cost_drugs_opcs_.html</a>
organ_systems_supported_local_codes	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	An array of all of the organ systems supported throughout the day.
critical_care_activities	array	**Optional - derivable. Please do not provide this unless you require	A list of the activities (chargeable services) that occurred to the patient during the day of critical care. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_activity_code.html">https://www.datadictionary.nhs.uk/attributes/critical_care_activity_code.html</a>
critical_care_level	string	**Optional - derivable. Please do not provide this unless you require	The level of critical care provided. Ranges from 0 to 3, with level 3 being the most intensive level of critical care; look at the data dictionary and national codes for more information. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_level.html">https://www.datadictionary.nhs.uk/attributes/critical_care_level.html</a>
organ_systems_supported	array	**Optional - derivable. Please do not provide this unless you require	An array of all of the organ systems supported throughout the day. <a href="https://www.datadictionary.nhs.uk/attributes/organ_system_supported.html">https://www.datadictionary.nhs.uk/attributes/organ_system_supported.html</a>

## [CDM] Critical Care Period

**Full table name:** critical\_care\_period

**Primary Key:** critical\_care\_period\_id

**Description:** A period of time within an admission/spell during which a patient receives critical care.

[https://www.datadictionary.nhs.uk/classes/critical\\_care\\_period.html](https://www.datadictionary.nhs.uk/classes/critical_care_period.html)

column	type	notes	description
admission_id	string	<b>Foreign Key:</b> admission.admission_id	A foreign key to the Admission object type.
critical_care_admission_source_code	string	<b>Values:</b> [01, 02, 03, 04, 05, null] <b>Severity:</b> WARN	The type of organisation (primary) that the patient has been admitted from prior to the start of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_admission_source.html">https://www.datadictionary.nhs.uk/attributes/critical_care_admission_source.html</a>
critical_care_admission_type_code	string	<b>Values:</b> [01, 02, 03, 04, 05, 06, null] <b>Severity:</b> WARN	An indication of whether the critical care period was initiated as a result of a non-emergency treatment plan, or not. <a href="https://www.datadictionary.nhs.uk/data_elements/critical_care_admission_type.html">https://www.datadictionary.nhs.uk/data_elements/critical_care_admission_type.html</a>
critical_care_discharge_destination_code	string	<b>Values:</b> [01, 02, 03, 04, 05, 06, null] <b>Severity:</b> WARN	The primary organisation type that the patient has been discharged to at the end of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_destination.html">https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_destination.html</a>
critical_care_discharge_location_code	string	<b>Values:</b> [01, 02, 03, 04, 05, 06, 07, 08, 09, 10, null] <b>Severity:</b> WARN	The type of location that the patient is discharged to at the end of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_location.html">https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_location.html</a>
critical_care_discharge_status_code	string	<b>Values:</b> [01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, null] <b>Severity:</b> WARN	The status of the patient's discharge from critical care. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_status.html">https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_status.html</a>
critical_care_period_id	string	<b>Primary Key:</b> critical_care_period_id	Primary key.

column	type	notes	description
critical_care_period_type	string	<b>Values:</b> [neonatal, paediatric, adult, null] <b>Severity:</b> WARN	Whether the critical care period is for adults, paediatrics, or neonates.
critical_care_source_location_code	string	<b>Values:</b> [01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, null] <b>Severity:</b> WARN	The type of location the patient was in prior to the start of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_source_location.html">https://www.datadictionary.nhs.uk/attributes/critical_care_source_location.html</a>
critical_care_unit_function_code	string	<b>Values:</b> [01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 90, 91, 92, null] <b>Severity:</b> WARN	The principle type of critical care clinical service provided within the ward to which the patient was admitted during the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_unit_function.html">https://www.datadictionary.nhs.uk/attributes/critical_care_unit_function.html</a>
discharge_timestamp	timestamp		The timestamp the patient was discharged from critical care.
patient_id	string	<b>Foreign Key:</b> patient.person_id	A foreign key to the Patient object type.
ready_for_discharge_timestamp	timestamp		The date on which the patient has been declared clinically ready for discharge or transfer from critical care, and a formal request has been made to the hospital bed management system (or appropriate staff with authority to admit at the intended destination) and the date and time of this status is recorded as such in the clinical record. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_ready_date.html">https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_ready_date.html</a>
start_timestamp	timestamp		The timestamp the critical care period started.
total_number_of_level_2_care_days	int		The total number of days a patient received level 2 care during a critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/critical_care_level_2_days.html">https://www.datadictionary.nhs.uk/data_elements/critical_care_level_2_days.html</a>
total_number_of_level_3_care_days	int		The total number of days a patient received level 3 care during a critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/critical_care_level_3_days.html">https://www.datadictionary.nhs.uk/data_elements/critical_care_level_3_days.html</a>

column	type	notes	description
unit_bed_configuration_code	string	<b>Values:</b> [02, 03, 05, 90, null] <b>Severity:</b> WARN	The main composition of critical bed types for the ward. <a href="https://www.datadictionary.nhs.uk/data_elements/critical_care_unit_bed_configuration.html">https://www.datadictionary.nhs.uk/data_elements/critical_care_unit_bed_configuration.html</a>
critical_care_admission_source_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of organisation (primary) that the patient has been admitted from prior to the start of the critical care period.
critical_care_admission_type_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	An indication of whether the critical care period was initiated as a result of a non-emergency treatment plan, or not.
critical_care_discharge_destination_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The primary organisation type that the patient has been discharged to at the end of the critical care period.
critical_care_discharge_location_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of location that the patient is discharged to at the end of the critical care period.
critical_care_discharge_status_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The status of the patient's discharge from critical care.
critical_care_source_location_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of location the patient was in prior to the start of the critical care period.
critical_care_unit_function_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The principle type of critical care clinical service provided within the ward to which the patient was admitted during the critical care period.
unit_bed_configuration_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The main composition of critical bed types for the ward.
critical_care_admission_source	string	**Optional - derivable. Please do not provide this unless you require	The type of organisation (primary) that the patient has been admitted from prior to the start of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_admission_source.html">https://www.datadictionary.nhs.uk/attributes/critical_care_admission_source.html</a>
critical_care_admission_type	string	**Optional - derivable. Please do not provide this unless you require	An indication of whether the critical care period was initiated as a result of a non-emergency treatment plan, or not. <a href="https://www.datadictionary.nhs.uk/data_elements/critical_care_admission_type.html">https://www.datadictionary.nhs.uk/data_elements/critical_care_admission_type.html</a>



column	type	notes	description
critical_care_discharge_destination	string	**Optional - derivable. Please do not provide this unless you require	The primary organisation type that the patient has been discharged to at the end of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_destination.html">https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_destination.html</a>
critical_care_discharge_location	string	**Optional - derivable. Please do not provide this unless you require	The type of location that the patient is discharged to at the end of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_location.html">https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_location.html</a>
critical_care_discharge_status	string	**Optional - derivable. Please do not provide this unless you require	The status of the patient's discharge from critical care. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_status.html">https://www.datadictionary.nhs.uk/attributes/critical_care_discharge_status.html</a>
critical_care_source_location	string	**Optional - derivable. Please do not provide this unless you require	The type of location the patient was in prior to the start of the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_source_location.html">https://www.datadictionary.nhs.uk/attributes/critical_care_source_location.html</a>
critical_care_unit_function	string	**Optional - derivable. Please do not provide this unless you require	The principle type of critical care clinical service provided within the ward to which the patient was admitted during the critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/critical_care_unit_function.html">https://www.datadictionary.nhs.uk/attributes/critical_care_unit_function.html</a>
max_number_of_organ_systems_supported_on_one_day	int	**Optional - derivable. Please do not provide this unless you require	The maximum number of organ systems supported on any one day during a critical care period. <a href="https://www.datadictionary.nhs.uk/attributes/organ_support_maximum.html">https://www.datadictionary.nhs.uk/attributes/organ_support_maximum.html</a>
total_number_of_advanced_cardiovascular_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received advanced cardiovascular support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/advanced_cardiovascular_support_days.html">https://www.datadictionary.nhs.uk/data_elements/advanced_cardiovascular_support_days.html</a>

column	type	notes	description
total_number_of_advanced_respiratory_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received advanced respiratory support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/advanced_respiratory_support_days.html">https://www.datadictionary.nhs.uk/data_elements/advanced_respiratory_support_days.html</a>
total_number_of_basic_cardiovascular_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received basic cardiovascular support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/basic_cardiovascular_support_days.html">https://www.datadictionary.nhs.uk/data_elements/basic_cardiovascular_support_days.html</a>
total_number_of_basic_respiratory_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received basic respiratory support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/critical_care_discharge_location.html">https://www.datadictionary.nhs.uk/data_elements/critical_care_discharge_location.html</a>
total_number_of_dermatological_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received dermatological support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/dermatological_support_days.html">https://www.datadictionary.nhs.uk/data_elements/dermatological_support_days.html</a>
total_number_of_gastrointestinal_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received gastrointestinal support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/gastro-intestinal_support_days.html">https://www.datadictionary.nhs.uk/data_elements/gastro-intestinal_support_days.html</a>
total_number_of_liver_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received liver support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/liver_support_days.html">https://www.datadictionary.nhs.uk/data_elements/liver_support_days.html</a>
total_number_of_neurological_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received neurological support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/neurological_support_days.html">https://www.datadictionary.nhs.uk/data_elements/neurological_support_days.html</a>

column	type	notes	description
total_number_of_renal_support_days	int	**Optional - derivable. Please do not provide this unless you require	The total number of days that the patient received renal support during the critical care period. <a href="https://www.datadictionary.nhs.uk/data_elements/renal_support_days.html">https://www.datadictionary.nhs.uk/data_elements/renal_support_days.html</a>
unit_bed_configuration	string	**Optional - derivable. Please do not provide this unless you require	The main composition of critical bed types for the ward. <a href="https://www.datadictionary.nhs.uk/data_elements/critical_care_unit_bed_configuration.html">https://www.datadictionary.nhs.uk/data_elements/critical_care_unit_bed_configuration.html</a>

# [CDM] Dataset Refresh Time

Full table name: ccs-dataset-refresh-times

Primary Key: dataset\_name

Description: Tracks the last ingest and refresh times of ontology datasets

column	type	notes	description
dataset_name	string	<b>Primary Key:</b> dataset_name <b>Values:</b> [theatre_booking, encounters, patient, eal-entry, procedure, theatre-session, unbooked_patients, appointment, outpatient-activity, clinic, referral, patient-pathway, rtt-period, rtt-validation-event, null] <b>Severity:</b> WARN	name of the dataset refreshed
last_refresh_source	string		source of last refresh i.e PAS, DWH, etc..
last_refresh_timestamp	timestamp		last refresh timestamp

# [CDM] Diagnostics Waitlist Entry

Full table name: diagnostics-waitlist

Primary Key: diagnostics\_waitlist\_id

Description: Diagnostics Request Activity. This consists of diagnostics requests made for patients, along with booking dates for those requests.

column	type	notes	description
added_to_waitlist_timestamp	timestamp		Timestamp of when the patient was added to the diagnostic waitlist.
diagnostics_date	date		Booking date of the diagnostics appointment. Remains null if the diagnostics appointment has not been booked yet.
diagnostics_request	string		The diagnostics request being made e.g. Blood Test, CT Scan, etc.
diagnostics_waitlist_id	string	Primary Key: diagnostics_waitlist_id	Primary key - ID for a diagnostic waitlist entry.
pathway_id	string	Foreign Key: patient-pathway.pathway_id	Foreign key to connect to pathway.
patient_id	string	Foreign Key: patient.person_id	Foreign key to connect to patient.
priority	string		The priority of the diagnostics waitlist entry.
specialty_id	string	Foreign Key: specialty.specialty_id	Foreign key to connect to pathway.
six_week_breach_date	date		Date when the diagnostics waitlist entry will breach six weeks since it was added to the waitlist.

## [CDM] EAL Entry

**Full table name:** eal-entry

**Primary Key:** eal\_id

**Description:** Elective admission list of patients requiring an elective procedure. This should contain the same content as the encounters table but with additional Referral To Treatment metadata. This information is used to support users in identifying patients who may be breaching RTT thresholds

column	type	notes	description
decided_to_admit_date	date		Date when decision to admit was made: <a href="https://www.datadictionary.nhs.uk/attributes/original_decided_to_admit_date.html">https://www.datadictionary.nhs.uk/attributes/original_decided_to_admit_date.html</a>
eal_id	string	<b>Primary Key:</b> eal_id	ID which uniquely identifies each elective admission list entry
patient_id	string	<b>Foreign Key:</b> patient.person_id	ID for the patient related to the elective admission list entry
planned_date	date		Planned admission date
rtt_days_paused	int		Number of days for which the RTT clock has been paused
rtt_episode_id	string		Current RTT episode ID
rtt_pathway_id	string	<b>Foreign Key:</b> patient-pathway.pathway_id	RTT pathway ID: <a href="https://www.datadictionary.nhs.uk/classes/patient_pathway.html">https://www.datadictionary.nhs.uk/classes/patient_pathway.html</a>
rtt_pathway_status	string	<b>Values:</b> [Active RTT Pathway, Non-RTT Pathway, Inactive RTT Pathway, null] <b>Severity:</b> WARN	Status on RTT pathway (Active, Inactive, Non-RTT)
rtt_period_end_date	date		Clock stop date of most recent RTT period: <a href="https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_end_date.html">https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_end_date.html</a>
rtt_period_id	string	<b>Foreign Key:</b> rtt-period.rtt_period_id	RTT period ID: <a href="https://www.datadictionary.nhs.uk/classes/referral_to_treatment_period.html">https://www.datadictionary.nhs.uk/classes/referral_to_treatment_period.html</a>
rtt_period_start_date	date		Clock start date of current RTT period: <a href="https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_start_date.html">https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_start_date.html</a>

column	type	notes	description
rtt_status_code	string		RTT status code <a href="https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_statuses.html">https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_statuses.html</a>
earliest_clinically_appropriate_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The earliest date that it is clinically appropriate for the admission to take place. <a href="https://www.datadictionary.nhs.uk/data_elements/earliest_clinically_appropriate_date.html">https://www.datadictionary.nhs.uk/data_elements/earliest_clinically_appropriate_date.html</a>
earliest_reasonable_offer_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date of the earliest of the reasonable offers made to the patient for an elective admission. A definition of what constitutes a reasonable offer can be found <a href="https://www.datadictionary.nhs.uk/supporting_information/reasonable_offer.html">here</a> . <a href="https://www.datadictionary.nhs.uk/data_elements/earliest_reasonable_offer_date.html">https://www.datadictionary.nhs.uk/data_elements/earliest_reasonable_offer_date.html</a>
intended_management_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 2, 3, 4, 5, null] Severity**: WARN	Data dictionary code. The intended pattern of hospital bed use for the patient. Decided when the decision is made to admit. <a href="https://www.datadictionary.nhs.uk/attributes/intended_management.html">https://www.datadictionary.nhs.uk/attributes/intended_management.html</a>
intended_management_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The intended pattern of hospital bed use for the patient. Decided when the decision is made to admit.
latest_clinically_appropriate_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The latest date that it is clinically appropriate for the admission to take place. <a href="https://www.datadictionary.nhs.uk/data_elements/latest_clinically_appropriate_date.html">https://www.datadictionary.nhs.uk/data_elements/latest_clinically_appropriate_date.html</a>
days_since_decided_to_admit_date	int	**Optional - derivable. Please do not provide this unless you require	Days since decision to admit was made
intended_management	string	**Optional - derivable. Please do not provide this unless you require	The intended pattern of hospital bed use for the patient. Decided when the decision is made to admit. <a href="https://www.datadictionary.nhs.uk/attributes/intended_management.html">https://www.datadictionary.nhs.uk/attributes/intended_management.html</a>

column	type	notes	description
is_rtt	boolean	**Optional - derivable. Please do not provide this unless you require	Defines if this is an active RTT pathway as per the rtt_pathway_status
patient_name	string	**Optional - derivable. Please do not provide this unless you require	Patient name (Surname, First name). This column uses the full_name value from the patient table, linked on patient_id
priority	string	**Optional - derivable. Please do not provide this unless you require	Clinical priority of the entry (RCS or Urgent, Cancer, Routine). This column uses the priority value from the encounters table, linked on encounter_id
removal_date	date	**Optional - derivable. Please do not provide this unless you require	Date removed from waiting list: <a href="https://www.datadictionary.nhs.uk/attributes/elective_admission_list_removal_date.html">https://www.datadictionary.nhs.uk/attributes/elective_admission_list_removal_date.html</a> This column uses the removal_date value from the encounters table, linked on encounter_id
removal_reason	string	**Optional - derivable. Please do not provide this unless you require	Description of reason removed from waiting list: <a href="https://www.datadictionary.nhs.uk/attributes/elective_admission_list_removal_reason.html">https://www.datadictionary.nhs.uk/attributes/elective_admission_list_removal_reason.html</a> This column uses the removal_reason value from the encounters table, linked on encounter_id
removal_reason_code	string	**Optional - derivable. Please do not provide this unless you require	Code for reason removed from waiting list: <a href="https://www.datadictionary.nhs.uk/attributes/elective_admission_list_removal_reason.html">https://www.datadictionary.nhs.uk/attributes/elective_admission_list_removal_reason.html</a> This column uses the removal_reason_code value from the encounters table, linked on encounter_id
rtt_period_104_week_breach_date	date	**Optional - derivable. Please do not provide this unless you require	Date at which the patient will breach more than 104 weeks waiting
rtt_period_18_week_breach_date	date	**Optional - derivable. Please do not provide this unless you require	Date at which the patient will breach more than 18 weeks waiting
rtt_period_52_week_breach_date	date	**Optional - derivable. Please do not provide this unless you require	Date at which the patient will breach more than 52 weeks waiting
rtt_period_78_week_breach_date	date	**Optional - derivable. Please do not provide this unless you require	Date at which the patient will breach more than 78 weeks waiting



column	type	notes	description
rtt_period_days_to_104_week_breach	int	**Optional - derivable. Please do not provide this unless you require	Number of days until patient breaches 104 weeks waiting
rtt_period_days_to_18_week_breach	int	**Optional - derivable. Please do not provide this unless you require	Days until 18 week wait breach date
rtt_period_days_to_52_week_breach	int	**Optional - derivable. Please do not provide this unless you require	Days until 52 week wait breach date
rtt_period_days_to_78_week_breach	int	**Optional - derivable. Please do not provide this unless you require	Number of days until patient breaches 78 weeks waiting
rtt_period_is_42_week_waiter	boolean	**Optional - derivable. Please do not provide this unless you require	Has been waiting more than 42 weeks, so likely to breach
rtt_period_is_42_week_waiter_string	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Yes, No, null] Severity**: WARN	Stringified rtt_period_is_42_week_waiter
rtt_period_is_68_week_waiter	boolean	**Optional - derivable. Please do not provide this unless you require	true if patient has been waiting for more than 68 weeks
rtt_period_is_68_week_waiter_string	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Yes, No, null] Severity**: WARN	Stringified version of if patient has been waiting for more than 68 weeks
rtt_period_is_94_week_waiter	boolean	**Optional - derivable. Please do not provide this unless you require	true if patient has been waiting for more than 94 weeks
rtt_period_is_94_week_waiter_string	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Yes, No, null] Severity**: WARN	Stringified version of if patient has been waiting for more than 94 weeks
rtt_period_length	int	**Optional - derivable. Please do not provide this unless you require	Difference in days between coalesce(rtt_period_end_date, current_date) and rtt_period_start_date, minus any paused time. None if either rtt_period_start_date or rtt_days_paused is None.
rtt_period_time_bands	string	**Optional - derivable. Please do not provide this unless you require	Banded version of rtt_period_weeks_waiting, e.g. 00-06WW
rtt_period_weeks_waiting	int	**Optional - derivable. Please do not provide this unless you require	rtt_period_length / 7
title	string	**Optional - derivable. Please do not provide this unless you require	Title of EAL entry (Specialty: Surname, Firstname)

# [CDM] ERS Service

Full table name: ers-service

Primary Key: service\_id

Description: Services published in the eRS Service Directory.

column	type	notes	description
active	boolean		Flag to define if the service is currently active/published in eRS.
referral_reason	string		Description of the valid reason for GP's to refer into that service.
service_directory_id	string		Unique Identifier of the Service in eRS Directory of Services.
service_id	string	Primary Key: service_id	Unique Identifier for the eRS Service in Source System.
service_name	string		Name of the Service.
service_type	string	Values: [RAS, Non-RAS, null] Severity: WARN	Defines if the referral needs to go through a triage step or not (RAS / Non-RAS).
site_id	string	Foreign Key: site.id	Identifier of the Hospital Site or Health Centre linked to the service.
specialty_ids	array		Identifiers of all Specialties that run clinic sessions which have slots that are linked to this service.

## [CDM] Encounter

**Full table name:** encounters

**Primary Key:** encounter\_id

**Description:** All encounters, either booked or unbooked, for patients who have or will receive treatment at the trust. The minimum scope of encounters should be those that relate to present or past entries on the trust Elective Admission List: [https://www.datadictionary.nhs.uk/classes/elective\\_admission\\_list.html](https://www.datadictionary.nhs.uk/classes/elective_admission_list.html). Encounters are used to display waiting list information and support users in booking patients into available theatre sessions

column	type	notes	description
administrative_category_code	string	<b>Values:</b> [01, 02, 03, 04, 99, null] <b>Severity:</b> WARN	Administrative category code (on admission): <a href="https://www.datadictionary.nhs.uk/data_elements/administrative_category_code__on_admission_.html">https://www.datadictionary.nhs.uk/data_elements/administrative_category_code__on_admission_.html</a>
administrative_category_description	string		Administrative category description (on admission): <a href="https://www.datadictionary.nhs.uk/data_elements/administrative_category_code__on_admission_.html">https://www.datadictionary.nhs.uk/data_elements/administrative_category_code__on_admission_.html</a>
admission_method	string	<b>Values:</b> [Planned, Unplanned, Booked, Waiting List, null] <b>Severity:</b> WARN	Status column to signify the method of admission. Values should correspond to the descriptions for <a href="https://www.datadictionary.nhs.uk/attributes/method_of_admission.html">https://www.datadictionary.nhs.uk/attributes/method_of_admission.html</a>
admission_status	string	<b>Values:</b> [Planned, Admitted, Hospital Cancellation, DNA, null] <b>Severity:</b> WARN	Patient admission status
ats_total_theatre_time	int		Estimated total time in theatre in minutes to be used for ATS calculation. Trusts are expected to choose between estimated_total_theatre_time and calculated_total_theatre_time.
created_by	string		Full name of the user who created the encounter
created_date	date		Date the encounter was created
eal_id	string	<b>Foreign Key:</b> eal-entry.eal_id	ID for the corresponding EAL entry: <a href="https://www.datadictionary.nhs.uk/classes/elective_admission_list_entry.html">https://www.datadictionary.nhs.uk/classes/elective_admission_list_entry.html</a>
encounter_id	string	<b>Primary Key:</b> encounter_id	ID, a unique identifier for the encounter

column	type	notes	description
encounter_type	string	<b>Nullable:</b> False <b>Values:</b> [Inpatient, Outpatient] <b>Severity:</b> WARN	Type of encounter (Inpatient or Outpatient). Note that if only encounters relating to the Elective Admission List are included, this column will always be "Inpatient"
estimated_total_theatre_time	int		Estimated total procedure time in theatre, in minutes
is_booked	boolean	<b>Nullable:</b> False	true if patient is booked in for treatment
is_suitable_for_pooled_list	boolean		true if the patient can be added to a pooled list
issues	array		List of patient readiness issues that have been raised on this encounter. If no issues the value should be ["No Issues"]
latest_rcs_clinical_harm_review	string	<b>Values:</b> [None, Mild, Moderate, Severe, null] <b>Severity:</b> WARN	Outcome of the most recent clinical harm review
needs_reprioritisation	boolean		true if this encounter needs to be reprioritised (often defined by a TCI date in the past, or non-P Codes)
pathway_id	string	<b>Foreign Key:</b> patient-pathway.pathway_id	Pathway ID: <a href="https://www.datadictionary.nhs.uk/classifications/patient_pathway.html">https://www.datadictionary.nhs.uk/classifications/patient_pathway.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	ID for the patient requiring treatment
poa_required	string	<b>Values:</b> [Booked, Required, Not Required, null] <b>Severity:</b> WARN	Signifies whether a POA is required for this encounter
primary_consultant_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	ID for the primary consultant who is responsible for the encounter
primary_procedure_start_time	timestamp		Primary procedure start time (if the encounter has been booked in).
priority	string		Clinical priority of the encounter
priority_last_updated	timestamp		Timestamp recording the last time the priority was updated
priority_ordered	string		Ordered priority (used for sorting). This should have the numeric order of the clinical priority appended to the priority string, e.g. 01. <priority>

column	type	notes	description
referral_priority	string		GP referral priority of the encounter (RCS or Urgent, Cancer, Routine)
removal_date	date		Date the encounter was closed
removal_reason	string		String description of closure reason: <a href="https://www.datadictionary.nhs.uk/data_elements/elective_admission_list_removal_reason_code.html">https://www.datadictionary.nhs.uk/data_elements/elective_admission_list_removal_reason_code.html</a>
removal_reason_code	string		Code for removal reason (null if encounter is open): <a href="https://www.datadictionary.nhs.uk/data_elements/elective_admission_list_removal_reason_code.html">https://www.datadictionary.nhs.uk/data_elements/elective_admission_list_removal_reason_code.html</a>
site_id	string	Foreign Key: site.id	Hospital site ID
specialty_id	string	Foreign Key: specialty.specialty_id	ID for the specialty which classifies the encounter
tci_date	date		To Come In date (null if the encounter is unbooked)
waitlist_code	string		Code identifying the waiting list that the encounter is a member of: <a href="https://www.datadictionary.nhs.uk/classes/waiting_list.html">https://www.datadictionary.nhs.uk/classes/waiting_list.html</a>
administrative_category_code_on_admission	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [01, 02, 03, 04, 99, null] Severity**: WARN	DEPRECATED - use administrative_category_code instead.
admission_offer_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The time that the procedure was booked in the system. (Not the TCI date)
admission_sub_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Sub category of admission status
admission_type	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [Daycase, Ordinary Elective, Emergency, Other Non-Elective, null] Severity**: WARN	Admission type (e.g., Daycase, Ordinary Elective, Emergency, Other Non-Elective). Conforming to the following standards <a href="https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx">https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx</a>

column	type	notes	description
criteria_to_reside	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [0A, 0B, 0C, 0D, 0E, 0F, A, B, C, D, X, null] Severity**: WARN	<a href="https://www.england.nhs.uk/coronavirus/documents/covid-19-epr-community-daily-discharge-sitrep-technical-specification/">https://www.england.nhs.uk/coronavirus/documents/covid-19-epr-community-daily-discharge-sitrep-technical-specification/</a>
critical_care_bed_status	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [Requested, Allocated, Request Rejected, Not Required, null] Severity**: WARN	Identifies the status of a critical care bed if a patient requires it
disease_outbreak_notification_description	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	<a href="https://datadictionary.nhs.uk/data_elements/disease_outbreak_notification_description.html">https://datadictionary.nhs.uk/data_elements/disease_outbreak_notification_description.html</a>
disease_outbreak_notification_snomed_ct	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	<a href="https://datadictionary.nhs.uk/data_elements/disease_outbreak_notification_snomed_ct.html">https://datadictionary.nhs.uk/data_elements/disease_outbreak_notification_snomed_ct.html</a>
encounter_free_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Textual details relating to the patients waiting list entry
external_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	External ID for the encounter used in an external source system (i.e. PAS). This can be used to provide a direct URL link from the encounter to the record in the PAS
hospital_provider_spell_identifier	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	<a href="https://www.datadictionary.nhs.uk/data_elements/hospital_provider_spell_identifier.html">https://www.datadictionary.nhs.uk/data_elements/hospital_provider_spell_identifier.html</a>
intended_management_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 2, 3, 4, 5, 8, 9, null] Severity**: WARN	<a href="https://www.datadictionary.nhs.uk/attributes/intended_management.html">https://www.datadictionary.nhs.uk/attributes/intended_management.html</a>
is_metric_encounter	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	true if this encounter is used to derive metrics, false if this encounter should be excluded from metric derivations.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Timestamp for when the data is calculated at source indicating when this data was last refreshed (not the same as ingest timestamp)
local_treatment_function	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	<a href="https://www.datadictionary.nhs.uk/classes/local_sub-specialty.html">https://www.datadictionary.nhs.uk/classes/local_sub-specialty.html</a>

column	type	notes	description
peri_op_risk_stratification_outcome	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Outcome of peri-op risk stratification. This value may provide additional useful information to help scheduling and booking teams determine whether or not a patient can be booked in for surgery.
peri_op_risk_stratification_outcome_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date of the outcome of peri-op risk stratification.
primary_diagnosis_icd	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	<a href="https://www.datadictionary.nhs.uk/data_elements/primary_diagnosis_icd_.html">https://www.datadictionary.nhs.uk/data_elements/primary_diagnosis_icd_.html</a>
primary_procedure_opcs	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	<a href="https://www.datadictionary.nhs.uk/data_elements/primary_procedure_opcs_.html">https://www.datadictionary.nhs.uk/data_elements/primary_procedure_opcs_.html</a>
remain_reason	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, null] Severity**: WARN	<a href="https://www.england.nhs.uk/coronavirus/documents/covid-19-epr-community-daily-discharge-sitrep-technical-specification/">https://www.england.nhs.uk/coronavirus/documents/covid-19-epr-community-daily-discharge-sitrep-technical-specification/</a>
secondary_diagnosis_icd	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	<a href="https://www.datadictionary.nhs.uk/data_elements/secondary_diagnosis_icd_.html">https://www.datadictionary.nhs.uk/data_elements/secondary_diagnosis_icd_.html</a>
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from
surgical_order_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date that the procedure was ordered
suspected_cancer_pathway	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicates whether the patient is waiting for treatment on a suspected cancer pathway
tci_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	To Come In status of the encounter
transfer_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Status of the patient transfer. The value would usually be one of Transferred, null, Rejected, Proposed, Pending Validation
treatment_function_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Treatment function code which the waitlist entry belongs to
treatment_function_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Treatment function name which the waitlist entry belongs to

column	type	notes	description
ward	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Name of the ward the patient is, or was, staying in, (NULL if patient was never in a ward)
calculated_total_theatre_time	int	**Optional - derivable. Please do not provide this unless you require	Calculated total time in theatre in minutes, based on historical average
cancer_priority_ordering	int	**Optional - derivable. Please do not provide this unless you require	0-5 ordering on priority where 0 is the highest priority - used by Cancer 360 to determine which records to preferentially display in the cancer PTL. Typically a static mapping with clean_status.
has_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is surgical_order_date, admission_offer_timestamp or tci_date "recent", by default this means less than 3 days ago
has_future_tci	boolean	**Optional - derivable. Please do not provide this unless you require	true if patient has a TCI date in the future
has_tci	boolean	**Optional - derivable. Please do not provide this unless you require	true if tci_date is not null
intended_primary_procedure_anaesthetic_type	string	**Optional - derivable. Please do not provide this unless you require	Anaesthetic type to be used for the intended primary procedure (GA/LA). This column uses the intended_procedure_anaesthetic_type value from the primary procedure linked to this encounter in the procedure table, linked on encounter_id
intended_primary_procedure_anaesthetist_required	boolean	**Optional - derivable. Please do not provide this unless you require	true if anaesthetist is required for intended primary procedure
intended_primary_procedure_code	string	**Optional - derivable. Please do not provide this unless you require	OPCS code of intended primary procedure: <a href="https://www.datadictionary.nhs.uk/data_elements/primary_procedure__opcs_html">https://www.datadictionary.nhs.uk/data_elements/primary_procedure__opcs_html</a> . This column uses the intended_procedure_code value from the primary procedure linked to this encounter in the procedure table, linked on encounter_id



column	type	notes	description
intended_primary_procedure_description	string	**Optional - derivable. Please do not provide this unless you require	Description of the intended primary procedure. This column uses the intended_procedure_description value from the primary procedure linked to this encounter in the procedure table, linked on encounter_id
intended_primary_procedure_free_text	string	**Optional - derivable. Please do not provide this unless you require	Free text description of the intended primary procedure. This column uses the intended_procedure_free_text value from the primary procedure linked to this encounter in the procedure table, linked on encounter_id
intended_primary_procedure_free_text_long	string	**Optional - derivable. Please do not provide this unless you require	Full textual description of intended primary procedure
is_admission_offer_timestamp_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is admission_offer_timestamp "recent", by default this means within the last 3 days
is_surgical_order_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is surgical_order_date "recent", by default this means within the last 3 days
is_tci_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is tci_date "recent", by default this means within the last 3 days
last_covid_swab_booking_status	string	**Optional - derivable. Please do not provide this unless you require	Most recent booking status for COVID swab test. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_covid_swab_outcome	string	**Optional - derivable. Please do not provide this unless you require	Outcome of the most recent COVID swab test. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_mrsa_swab_booking_status	string	**Optional - derivable. Please do not provide this unless you require	Most recent booking status for MRSA swab test. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_mrsa_swab_outcome	string	**Optional - derivable. Please do not provide this unless you require	Outcome of the most recent MRSA swab test. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.

column	type	notes	description
last_poa_booking_status	string	**Optional - derivable. Please do not provide this unless you require	The most recent booking status for the POA appointment. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_poa_expiry_date	date	**Optional - derivable. Please do not provide this unless you require	The date that the most recent POA expires. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_poa_outcome	string	**Optional - derivable. Please do not provide this unless you require	Outcome of the most recent POA appointment. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_poa_outcome_date	date	**Optional - derivable. Please do not provide this unless you require	Date of the outcome of the most recent POA appointment. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_poa_outcome_free_text	string	**Optional - derivable. Please do not provide this unless you require	Free text comments relating to the most recent POA outcome. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
last_poa_scheduled_or_attended_datetime	timestamp	**Optional - derivable. Please do not provide this unless you require	Scheduled or attended datetime of the most recent POA appointment. If the trust uses Cerner then you will need to supply this property according to their custom derivation logic.
patient_cancellation_count	int	**Optional - derivable. Please do not provide this unless you require	The number of times the patient has had a cancelled theatre booking for this encounter
patient_name	string	**Optional - derivable. Please do not provide this unless you require	Full patient name (Surname, Firstname). This column uses the full_name value from the patient table, linked on patient_id
primary_consultant_name	string	**Optional - derivable. Please do not provide this unless you require	Name of the primary consultant who is responsible for the encounter. This column uses the name value from the care-professional table, linked on primary_consultant_id

column	type	notes	description
primary_procedure_type	string	**Optional - derivable. Please do not provide this unless you require	Type of the primary procedure. This column uses the procedure_type value from the primary procedure linked to this encounter in the procedure table, linked on encounter_id
removed	boolean	<b>Optional - derivable. Please do not provide this unless you require</b> Nullable**: False	true if the encounter is closed (if removal_date is in the past)
site	string	**Optional - derivable. Please do not provide this unless you require	Hospital site name. This column uses the name field from the site table, linked on site_id
specialty_name	string	**Optional - derivable. Please do not provide this unless you require	Name of the specialty which classifies the encounter. This column uses the specialty_name field from the specialty table, linked on specialty_id
title	string	**Optional - derivable. Please do not provide this unless you require	Encounter title (Specialty, Full Name)
division	string		A higher level division of specialty e.g. Medicine, Surgery, Women's and Oncology, etc.
intended_management_description	string		Textual description of the intended management. Derived from the intended_management_code, per <a href="https://www.datadictionary.nhs.uk/attributes/intended_management.html">https://www.datadictionary.nhs.uk/attributes/intended_management.html</a>

# [CDM] Encounter Priority Change Option

Full table name: ccs-encounter-priority-change

Primary Key: id

Description: Trust configuration data: allowed encounter priority values

column	type	notes	description
id	string	Primary Key: id	ID
new_value	string		New priority values which can be set
type	string		Type of priority change (unused)

## [CDM] Endoscopy

**Full table name:** endoscopy

**Primary Key:** endoscopy\_exam\_id

**Description:** Endoscopy information.

column	type	notes	description
clean_status	string	<b>Values:</b> [ordered, scheduled, attended, cancelled, did not attend, reported, null] <b>Severity:</b> FAIL	The clean status of the histology data. Should be one of: ordered, scheduled, attended, cancelled, did not attend, reported
endoscopy_exam_id	string	<b>Primary Key:</b> endoscopy_exam_id	The unique identifier for the endoscopy.
patient_id	string	<b>Foreign Key:</b> patient.person_id	The foreign key for the person undergoing the endoscopy.
attended_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the endoscopy was attended.
endoscopy_exam_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of endoscopy performed.
endoscopy_priority	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The priority level of the endoscopy.
exam_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The current status of the endoscopy.
is_reported	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicates whether the endoscopy report has been completed.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp indicating when the data was last refreshed at the source.
modality	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of imaging modality used for the radiology exam (e.g., MRI, CT, X-ray, Ultrasound).
ordered_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the endoscopy was ordered.
report_authorised_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when the report was authorised and ready for further use by cancer services..
report_prepared_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when report was sent for authorisation.
report_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The text content of the endoscopy report.

column	type	notes	description
scheduled_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the endoscopy was scheduled.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from
cancer_priority_ordering	int	**Optional - derivable. Please do not provide this unless you require	0-5 ordering on priority where 0 is the highest priority - used by Cancer 360 to determine which records to preferentially display in the cancer PTL. Typically a static mapping with clean_status.
has_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is attended_date, ordered_date, report_authorised_date or scheduled_date "recent", by default this means within the last 3 days
is_attended_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is attended_date "recent", by default this means within the last 3 days
is_ordered_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is ordered_date "recent", by default this means within the last 3 days
is_report_authorised_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is report_authorised_date "recent", by default this means within the last 3 days
is_report_prepared_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is report_prepared_date "recent", by default this means within the last 3 days
is_scheduled_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is scheduled_date "recent", by default this means within the last 3 days

## [CDM] GP Practice Registration

**Full table name:** gp\_practice\_registration

**Primary Key:** registration\_id

**Description:** GP and GP Practice registration details for a given patient

column	type	notes	description
general_medical_practice	string		Name of the GP practice
general_medical_practice_id	string		ODS code of the General Medical Practice associated with the patient
icb_organisation_id	string		ODS code for the Integrated Care Board organisation
is_latest_registration	boolean		Indicator if this is the latest registration record for the patient
named_general_practitioner_first_name	string		First name of the named General Practitioner for the patient
named_general_practitioner_id	string		ID for the named General Practitioner, typically starting with G, e.g., G1234567
named_general_practitioner_last_name	string		Last name of the named General Practitioner for the patient
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key for the patient
registration_end_date	date		Date when the patient registration ended
registration_id	string	<b>Primary Key:</b> registration_id	Unique identifier for the registration
registration_start_date	date		Date when the patient registration started
sub_icb_location_organisation_id	string		ODS code for the Sub-ICB Location organisation
general_medical_practice_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	ODS code of the General Medical Practice associated with the patient
named_general_practitioner_ppd_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The NHS Prescription Services code used to identify the general medical practitioner

## [CDM] Histology

**Full table name:** histology

**Primary Key:** histology\_id

**Description:** Histology information.

column	type	notes	description
clean_status	string	<b>Values:</b> [ordered, scheduled, attended, cancelled, did not attend, reported, null] <b>Severity:</b> FAIL	The clean status of the histology data. Should be one of: ordered, scheduled, attended, cancelled, did not attend, reported
histology_id	string	<b>Primary Key:</b> histology_id	id of the histology and pk of the table.
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the patient.
histology_priority	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicator of what priority was requested for this histology.
histology_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The current raw string status from source system indicating the progress of the histology record. (e.g., Scheduled, Completed, Cancelled, In Progress, Reported).
histology_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of histology performed.
is_reported	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicator of whether the histology exam has been reported.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date and time that this row of data was last refreshed at from the source system.
received_at_lab_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when sample was received at the lab.
report_authorised_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when the report was authorised and ready for further use by cancer services.
report_prepared_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when report was sent for authorisation.
report_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The text of the corresponding histology report once a report has been authorised. Null otherwise.
sample_prepared_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when sample was prepared and ready to be examined.



column	type	notes	description
sample_taken_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when the sample was taken or is due to be taken.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from
cancer_priority_ordering	int	**Optional - derivable. Please do not provide this unless you require	0-5 ordering on priority where 0 is the highest priority - used by Cancer 360 to determine which records to preferentially display in the cancer PTL. Typically a static mapping with clean_status.
has_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is is_received_at_lab_date_in_the_last_n_days, is_report_authorised_date_in_the_last_n_days, is_report_prepared_date_in_the_last_n_days, is_sample_prepared_date_in_the_last_n_days or is_sample_taken_date_in_the_last_n_days "recent", by default this means within the last 3 days
is_received_at_lab_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is received_at_lab_date "recent", by default this means within the last 3 days
is_report_authorised_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is report_authorised_date "recent", by default this means within the last 3 days
is_report_prepared_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is report_prepared_date "recent", by default this means within the last 3 days
is_sample_prepared_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is sample_prepared_date "recent", by default this means within the last 3 days
is_sample_taken_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is sample_taken_date "recent", by default this means within the last 3 days

## [CDM] Home Leave

**Full table name:** home\_leave

**Primary Key:** home\_leave\_id

**Description:** When a patient who is using a hospital bed in ward or a bed in a care home spends a period of time outside the hospital/care home, usually at home, with the intention of returning to the same type of ward or care home to continue the episode of care.

[https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/home\\_leave.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/home_leave.html)

column	type	notes	description
admission_id	string	<b>Foreign Key:</b> admission.admission_id	A foreign key to the Admission the patient is leaving from.
consultant_episode_id	string	<b>Foreign Key:</b> consultant_episode.consultant_episode_id	A foreign key to the Consultant Episode the patient is leaving from.
end_timestamp	timestamp		The timestamp the period of home leave ended. <a href="https://www.datadictionary.nhs.uk/data_elements/end_date__home_leave_.html">https://www.datadictionary.nhs.uk/data_elements/end_date__home_leave_.html</a>
home_leave_id	string	<b>Primary Key:</b> home_leave_id	Primary key.
patient_id	string	<b>Foreign Key:</b> patient.person_id	A foreign key to the Patient.
start_timestamp	timestamp		The start timestamp of the period of home leave. <a href="https://www.datadictionary.nhs.uk/data_elements/start_date__home_leave_.html">https://www.datadictionary.nhs.uk/data_elements/start_date__home_leave_.html</a>

## [CDM] Injury

Full table name: injury

Primary Key: injury\_id

Description: An injury a patient has when presenting at the emergency department.

column	type	notes	description
alcohol_or_drug_involvement_snomed_ct_codes	array		A list of alcohol or drugs used by the patient, which are thought likely to have contributed to the need to attend ED. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_alcohol_or_drug_involvement__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_alcohol_or_drug_involvement__snomed_ct_.html</a>
assault_location_description	string		Provides further comments and/or details of the location where an assault took place. <a href="https://www.datadictionary.nhs.uk/data_elements/assault_location_description.html">https://www.datadictionary.nhs.uk/data_elements/assault_location_description.html</a>
injury_activity_status_snomed_ct_code	string		Whether the activity that lead to the injury was part of work, daily living, education etc. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_status__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_status__snomed_ct_.html</a>
injury_activity_type_snomed_ct_code	string		The type of activity being undertaken by the patient at the moment the injury occurred. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_type__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_type__snomed_ct_.html</a>
injury_id	string	Primary Key: injury_id	Primary key.
injury_intent_snomed_ct_code	string		The most likely human intent in the occurrence of the injury as assessed by the care professional. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_intent__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_intent__snomed_ct_.html</a>

column	type	notes	description
injury_mechanism_snomed_ct_code	string		Describes how the injury was caused. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_mechanism_snomed_ct.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_mechanism_snomed_ct.html</a>
injury_timestamp	timestamp		The timestamp the patient was injured. <a href="https://www.datadictionary.nhs.uk/data_elements/injury_date_and_time.html">https://www.datadictionary.nhs.uk/data_elements/injury_date_and_time.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	A foreign key to the injured Patient.
place_of_injury_latitude_degrees	double		The latitude of the place of injury, expressed in decimal degrees. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury_latitude_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury_latitude_.html</a>
place_of_injury_longitude_degrees	double		The longitude of the place of injury, expressed in decimal degrees. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury_longitude_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury_longitude_.html</a>
place_of_injury_snomed_ct_code	string		The type of location at which the patient was present when the injury occurred. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury_snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury_snomed_ct_.html</a>
uec_attendance_id	string	<b>Foreign Key:</b> uec_attendance.uec_attendance_id	A foreign key to the UEC Attendance the injured patient presented to.
alcohol_or_drug_involvements	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A list of alcohol or drugs used by the patient, which are thought likely to have contributed to the need to attend ED. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_alcohol_or_drug_involvement__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_alcohol_or_drug_involvement__snomed_ct_.html</a>
injury_activity_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Whether the activity that lead to the injury was part of work, daily living, education etc. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_status_snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_status_snomed_ct_.html</a>

column	type	notes	description
injury_activity_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of activity being undertaken by the patient at the moment the injury occurred. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_type__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_activity_type__snomed_ct_.html</a>
injury_intent	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The most likely human intent in the occurrence of the injury as assessed by the care professional. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_intent__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_intent__snomed_ct_.html</a>
injury_mechanism	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Describes how the injury was caused. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_mechanism__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_injury_mechanism__snomed_ct_.html</a>
place_of_injury	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of location at which the patient was present when the injury occurred. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_place_of_injury__snomed_ct_.html</a>

## [CDM] Inter\_Provider Transfer

**Full table name:** inter-provider-transfer

**Primary Key:** inter\_provider\_transfer\_id

**Description:** Inter-provider transfer information.

column	type	notes	description
cancer_pathway_id	string	<b>Foreign Key:</b> cancer-pathway.cancer_pathway_id	The identifier for the associated cancer pathway.
inter_provider_transfer_id	string	<b>Primary Key:</b> inter_provider_transfer_id	The unique identifier for the inter-provider transfer.
patient_id	string	<b>Foreign Key:</b> patient.person_id	The unique identifier for the patient.
cancer_pathway_ipt_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date when the cancer pathway inter-provider transfer occurred.
ipt_reason	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The reason for the inter-provider transfer.
ipt_received_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date when the inter-provider transfer was received.
ipt_returned_comment	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Comments related to the return of the inter-provider transfer.
ipt_returned_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date when the inter-provider transfer was returned.
ipt_sent_comment	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Comments related to the sending of the inter-provider transfer.
ipt_sent_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date when the inter-provider transfer was sent.
ipt_sent_or_recieved	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicates whether the inter-provider transfer has been sent or received.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date and time that this row of data was last refreshed at from the source system.
mrn	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Medical record number/hospital number.
nhs_number	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	NHS number, National-level identifier for a patient.
sending_org	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The name of the sending organization.

column	type	notes	description
sending_org_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The ODS code of the sending organization.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from

## [CDM] Labour

**Full table name:** labour

**Primary Key:** labour\_id

**Description:** A labour event that's associated with a single pregnancy. Each pregnancy will have at most one labour event; each labour event can have many births associated with it (e.g. in the case of twins/triplets etc).

column	type	notes	description
actual_delivery_place_code	string	Values: [0, 1, 2, 3, 4, 5, 6, 7, 8, 9,null] Severity: WARN	The actual place where the delivery takes place. <a href="https://www.datadictionary.nhs.uk/attributes/actual_delivery_place.html">https://www.datadictionary.nhs.uk/attributes/actual_delivery_place.html</a>
admission_id	string	Foreign Key: admission.admission_id	Foreign key to the admission the delivery belongs to.
anaesthetic_given_during_labour_or_delivery_code	string	Values: [1, 2, 3, 4, 5, 6, 7, 8,null] Severity: WARN	If an anaesthetic was given during labour/delivery, this describes the type of anaesthetic. <a href="https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_during_labour_or_delivery_code.html">https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_during_labour_or_delivery_code.html</a>
anaesthetic_given_post_labour_or_delivery_code	string	Values: [1, 2, 3, 4, 5, 6, 7, 8,null] Severity: WARN	If an anaesthetic was given after labour/delivery, this describes the type of anaesthetic. <a href="https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_post_labour_or_delivery_code.html">https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_post_labour_or_delivery_code.html</a>
consultant_episode_id	string	Foreign Key: consultant_episode.consultant_episode_id	Foreign key to the consultant episode the delivery belongs to.
delivery_place_change_reason_code	string	Values: [1, 2, 3, 4, 5, 6,null] Severity: WARN	The reason the place of delivery is different from the place originally intended. <a href="https://www.datadictionary.nhs.uk/attributes/delivery_place_change_reason.html">https://www.datadictionary.nhs.uk/attributes/delivery_place_change_reason.html</a>
labour_id	string	Primary Key: labour_id	Primary key.



column	type	notes	description
labour_or_delivery_onset_method_code	string	<b>Values:</b> [1, 2, 3, 4, 5, null] <b>Severity:</b> WARN	The method by which the process of labour began, or delivery by caesarean section occurred. <a href="https://www.datadictionary.nhs.uk/attributes/labour_or_delivery_onset_method.html">https://www.datadictionary.nhs.uk/attributes/labour_or_delivery_onset_method.html</a>
pregnancy_id	string	<b>Foreign Key:</b> pregnancy.pregnancy_id	A foreign key to Pregnancy.
actual_delivery_place_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The actual place where the delivery takes place.
anaesthetic_given_during_labour_or_delivery_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	If an anaesthetic was given during labour/delivery, this describes the type of anaesthetic.
anaesthetic_given_post_labour_or_delivery_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	If an anaesthetic was given after labour/delivery, this describes the type of anaesthetic.
delivery_place_change_reason_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The reason the place of delivery is different from the place originally intended.
labour_or_delivery_onset_method_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The method by which the process of labour began, or delivery by caesarean section occurred.
actual_delivery_place	string	**Optional - derivable. Please do not provide this unless you require	The actual place where the delivery takes place. <a href="https://www.datadictionary.nhs.uk/attributes/actual_delivery_place.html">https://www.datadictionary.nhs.uk/attributes/actual_delivery_place.html</a>
anaesthetic_given_during_labour_or_delivery	string	**Optional - derivable. Please do not provide this unless you require	If an anaesthetic was given during labour/delivery, this describes the type of anaesthetic. <a href="https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_during_labour_or_delivery_code.html">https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_during_labour_or_delivery_code.html</a>
anaesthetic_given_post_labour_or_delivery	string	**Optional - derivable. Please do not provide this unless you require	If an anaesthetic was given after labour/delivery, this describes the type of anaesthetic. <a href="https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_post_labour_or_delivery_code.html">https://www.datadictionary.nhs.uk/data_elements/anaesthetic_given_post_labour_or_delivery_code.html</a>

column	type	notes	description
delivery_place_change_reason	string	**Optional - derivable. Please do not provide this unless you require	The reason the place of delivery is different from the place originally intended. <a href="https://www.datadictionary.nhs.uk/attributes/delivery_place_change_reason.html">https://www.datadictionary.nhs.uk/attributes/delivery_place_change_reason.html</a>
labour_or_delivery_onset_method	string	**Optional - derivable. Please do not provide this unless you require	The method by which the process of labour began, or delivery by caesarean section occurred. <a href="https://www.datadictionary.nhs.uk/attributes/labour_or_delivery_onset_method.html">https://www.datadictionary.nhs.uk/attributes/labour_or_delivery_onset_method.html</a>

# [CDM] MDT Meeting

Full table name: mdt-meeting

Primary Key: mdt\_meeting\_id

Description: MDT (Multidisciplinary Team) meeting information.

column	type	notes	description
mdt_meeting_id	string	Primary Key: mdt_meeting_id	The primary key for the MDT meeting.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date and time that this row of data was last refreshed at from the source system.
mdt_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The status of the MDT meeting.
meeting_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp indicating when the MDT meeting took place.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from

# [CDM] MDT Note

Full table name: mdt-note

Primary Key: mdt\_note\_id

Description: Notes related to MDT (Multidisciplinary Team) meetings.

column	type	notes	description
mdt_meeting_id	string	<b>Foreign Key:</b> mdt-meeting.mdt_meeting_id	The foreign key of the MDT meeting this note was made in preparation for or as a result of.
mdt_note_id	string	<b>Primary Key:</b> mdt_note_id	The unique identifier for the MDT note.
cancer_pathway_id	string	<b>Foreign Key:</b> cancer-pathway.cancer_pathway_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	The foreign key for the cancer pathway this note is about.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date and time that this row of data was last refreshed at from the source system.
last_updated_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The time at which the note was last created or updated.
mdt_note_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The text content of the MDT note.
note_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptor of what kind of note this allows front end users to differentiate between notes made in advance of a MDT meeting for a specific area and an outcome note.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from

## [CDM] Mental Health Act Legal Status

**Full table name:** mental\_health\_act\_legal\_status

**Primary Key:** mental\_health\_act\_legal\_status\_id

**Description:** Indicates which mental health act a patient is detained under. Also indicates when a patient is informally detained.

[https://www.datadictionary.nhs.uk/classes/mental\\_health\\_act\\_legal\\_status\\_classification.html](https://www.datadictionary.nhs.uk/classes/mental_health_act_legal_status_classification.html)

column	type	notes	description
expiry_timestamp	timestamp		When the mental health act classification status expires. <a href="https://www.datadictionary.nhs.uk/data_elements/mental_health_act_legal_status_classification_expiry_timestamp.html">https://www.datadictionary.nhs.uk/data_elements/mental_health_act_legal_status_classification_expiry_timestamp.html</a>
mental_health_act_legal_status_classification_code	string	<b>Values:</b> [01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 31, 32, 33, 34, 35, 36, 37, 38, null] <b>Severity:</b> WARN	The act the patient is detained under, or, an indication that the patient is informally detained. <a href="https://www.datadictionary.nhs.uk/attributes/mental_health_act_legal_status_classification_code.html">https://www.datadictionary.nhs.uk/attributes/mental_health_act_legal_status_classification_code.html</a>
mental_health_act_legal_status_id	string	<b>Primary Key:</b> mental_health_act_legal_status_id	Primary key.
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the detained patient.
start_timestamp	timestamp		When the mental health act classification status began. <a href="https://www.datadictionary.nhs.uk/data_elements/mental_health_act_legal_status_classification_assignment_period_start_timestamp.html">https://www.datadictionary.nhs.uk/data_elements/mental_health_act_legal_status_classification_assignment_period_start_timestamp.html</a>
mental_health_act_legal_status_classification_code_local_code	string	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	The act the patient is detained under, or, an indication that the patient is informally detained.
mental_health_act_legal_status_classification	string	<b>**Optional - derivable.</b> Please do not provide this unless you require	The act the patient is detained under, or, an indication that the patient is informally detained. <a href="https://www.datadictionary.nhs.uk/attributes/mental_health_act_legal_status_classification_code.html">https://www.datadictionary.nhs.uk/attributes/mental_health_act_legal_status_classification_code.html</a>

## [CDM] Outpatient Activity

**Full table name:** outpatient-activity

**Primary Key:** waiting\_list\_entry\_id

**Description:** All outpatient activity, either booked or unbooked: <https://www.datadictionary.nhs.uk/classes/activity.html> The minimum scope of outpatient activity should be those that relate to past or present entries on the Outpatient Waiting List

column	type	notes	description
date_added_to_waiting_list	date		Date added to waiting list. This is the date at which an appointment was requested for the activity
due_date	date		Date by which patient should be scheduled for an appointment
earliest_due_date	date		Earliest date the patient can be scheduled for an appointment
encounter_id	string	<b>Foreign Key:</b> encounters.encounter_id	ID of the linked encounter
is_referral	boolean		true if activity is an outpatient referral
pathway_id	string	<b>Foreign Key:</b> patient-pathway.pathway_id	the ID for the pathway the activity is a part of: <a href="https://www.datadictionary.nhs.uk/classes/patient_pathway.html">https://www.datadictionary.nhs.uk/classes/patient_pathway.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	the patient receiving a service
patient_is_on_cancer_pathway	boolean		true if patient is on cancer pathway
primary_care_professional_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	Primary care professional administering the activity
priority	string		The priority of the request for activity: <a href="https://www.datadictionary.nhs.uk/classes/activity_priority.html">https://www.datadictionary.nhs.uk/classes/activity_priority.html</a> (e.g. Urgent, Routine)
referral_date	date		Date the linked referral was received
referral_id	string	<b>Foreign Key:</b> referral.referral_id	ID of the linked referral
removed_timestamp	timestamp		The date and time of removal from the waiting list
requested_appointment_type	string		Requested appointment type (e.g. Cardiology F/Up, Endocrinology New)
rtt_pathway_status	string	<b>Values:</b> [Non-RTT Pathway, Active RTT Pathway, Inactive RTT Pathway, null] <b>Severity:</b> WARN	Is on active RTT pathway

column	type	notes	description
rtt_period_end_date	date		Date of RTT clock stop
rtt_period_length	int		RTT period length (days)
rtt_period_start_date	date		Date of RTT clock start
site_id	string	<b>Foreign Key:</b> site.id	Hospital site ID
source	string		The source of the activity record (e.g. eRS, PAS)
source_unique_waiting_list_entry_id	string		ID for the waiting list entry used in the original source system
specialty_id	string	<b>Foreign Key:</b> specialty.specialty_id	the main specialty for the activity
status	string	<b>Values:</b> [Due, Past due, Booked, Cancelled, Deferred, Attended, Pending, Removed, Waiting, Scheduled, Did not attend, Pending reschedule, Rejected, No referral status, Complete, Referral, Requested, Call letter sent, Redirect, null] <b>Severity:</b> WARN	Status (e.g. Due, Past Due, Booked, Cancelled, Deferred)
waiting_list_entry_id	string	<b>Primary Key:</b> waiting_list_entry_id	ID for the outpatient activity
booked_by	string	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	The source system user identifier of the individual booker for this activity.
division	string	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	A higher level division of specialty e.g. Medicine, Surgery, Women's and Oncology, etc.
external_id	string	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	An external identifier to help identify the activity in the source system (e.g., FIN Number in Cerner)
is_private	boolean	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	true if activity is for a private patient
issues	array	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	List of patient readiness issues that have been raised on this activity
new_or_follow_up	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> <b>Values:</b> [New, Follow-Up, Other, null] <b>Severity**:</b> WARN	Indicates whether the appointment is a New or Follow-Up appointment
outpatient_activity_free_text	string	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	Optional data field to denote operational-only scheduling requirements for the activity

column	type	notes	description
rtt_period_status_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The status code of the RTT Period. <a href="https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_statuses.html">https://www.datadictionary.nhs.uk/attributes/referral_to_treatment_period_statuses.html</a>
source_list_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The name of the source waiting list the entry originates from (e.g. OWL, FOWL)
treatment_function_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A unique identifier for the treatment function. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
treatment_function_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The corresponding name of the treatment function. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
days_to_book_within	int	**Optional - derivable. Please do not provide this unless you require	Number of days within which the patient must be booked in (before the due_date)
days_waiting	int	**Optional - derivable. Please do not provide this unless you require	Days waiting since added to waiting list
full_name	string	**Optional - derivable. Please do not provide this unless you require	Full Name of Patient
last_appointment_id	string	**Optional - derivable. Please do not provide this unless you require	Foreign key linking the activity to the previous/past relevant outpatient appointment
last_cancelled_appointment_id	string	**Optional - derivable. Please do not provide this unless you require	Foreign key to the previous/past relevant appointment for the activity which has been cancelled
mrn	string	**Optional - derivable. Please do not provide this unless you require	Patient MRN
next_appointment_id	string	**Optional - derivable. Please do not provide this unless you require	Foreign key linking the activity to the next relevant outpatient appointment
next_cancelled_appointment_id	string	**Optional - derivable. Please do not provide this unless you require	Foreign key to the next relevant appointment for the activity which has been cancelled
removed	boolean	<b>Optional - derivable. Please do not provide this unless you require</b> Nullable**: False	true if the record has been removed from the waiting list.
site_name	string	**Optional - derivable. Please do not provide this unless you require	Hospital site at which the activity will take place



column	type	notes	description
specialty_name	string	**Optional - derivable. Please do not provide this unless you require	Name of main specialty for the activity
status_updated_at	timestamp	**Optional - derivable. Please do not provide this unless you require	Captures the time and date when the status of the outpatient activity
title	string	**Optional - derivable. Please do not provide this unless you require	Activity display title (Full Name, Specialty)
weeks_waiting	int	**Optional - derivable. Please do not provide this unless you require	Weeks waiting since added to waiting list

## [CDM] Overseas Visitor Charging Category Period

**Full table name:** overseas\_visitor\_charging\_category\_period

**Primary Key:** overseas\_visitor\_charging\_category\_period\_id

**Description:** A history table for the patient's overseas visitor charging category. An overseas visitor charging category categorises overseas visitors who are not exempt from charges by virtue of the NHS. [https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/overseas\\_visitor\\_charging\\_category.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/overseas_visitor_charging_category.html)

column	type	notes	description
applicable_end_date	date		The date the overseas visitor charging category was applicable until. <a href="https://www.datadictionary.nhs.uk/data_elements/overseas_visitor_charging_category_applicable_end_date.html">https://www.datadictionary.nhs.uk/data_elements/overseas_visitor_charging_category_applicable_end_date.html</a>
applicable_from_date	date		The when the overseas visitor charging category was applicable from. <a href="https://www.datadictionary.nhs.uk/data_elements/overseas_visitor_charging_category_applicable_from_date.html">https://www.datadictionary.nhs.uk/data_elements/overseas_visitor_charging_category_applicable_from_date.html</a>
overseas_visitor_charging_category_code	string	<b>Values:</b> [A, B, C, D, E, F, P, null] <b>Severity:</b> WARN	The charging category relating to the overseas visitor status. <a href="https://www.datadictionary.nhs.uk/attributes/overseas_visitor_charging_category.html">https://www.datadictionary.nhs.uk/attributes/overseas_visitor_charging_category.html</a>
overseas_visitor_charging_category_period_id	string	<b>Primary Key:</b> overseas_visitor_charging_category_period_id	Primary key.
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the Patient.
overseas_visitor_charging_category_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The charging category relating to the overseas visitor status.
overseas_visitor_charging_category	string	**Optional - derivable. Please do not provide this unless you require	The charging category relating to the overseas visitor status. <a href="https://www.datadictionary.nhs.uk/attributes/overseas_visitor_charging_category.html">https://www.datadictionary.nhs.uk/attributes/overseas_visitor_charging_category.html</a>

## [CDM] Patient

**Full table name:** patient

**Primary Key:** person\_id

**Description:** A person with a specific disease or condition who received treatment from the trust, or any registrable birth:

<https://www.datadictionary.nhs.uk/classes/patient.html>. For the Inpatient/Outpatient apps, the patient table at minimum should contain details on patients who are on the trust Elective Admission List or Outpatient Waiting List, as well as patients who were previously on the Elective Admission List or Outpatient Waiting List but have now been removed. This information is required to support users in identifying patients on waiting lists as well as booking them into theatre sessions. For OPTICA, it should at minimum contain details on patients who are included within the admission dataset.

column	type	notes	description
date_of_birth	date		Date of birth
date_of_death	date		Date of death (null if the patient is not deceased)
first_name	string		First name
mrn	string		Medical record number/hospital number
nhs_number	string		NHS number, National-level identifier for a patient <a href="https://www.datadictionary.nhs.uk/attributes/nhs_number.html">https://www.datadictionary.nhs.uk/attributes/nhs_number.html</a>
person_id	string	<b>Primary Key:</b> person_id	ID, a unique identifier for each patient
phone_number	string		Patient primary phone number
registered_gp	string		Title property for GP details of the patient, including GP Practice address where the patient is registered, ODS codes and practice name, e.g., gp_practitioner_code
sex	string		Patient Sex (Male/Female/Indeterminate)
surname	string		Surname
title	string		Mode of address for this patient (e.g. Mr, Mrs, Ms, Dr)
accessible_information_professional_required	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of communication professional the patient needs support from. <a href="https://www.datadictionary.nhs.uk/data_elements/accessible_information_communication_support_code__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/accessible_information_communication_support_code__snomed_ct_.html</a>

column	type	notes	description
accessible_information_professional_required_snomed_ct_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of communication professional the patient needs support from. <a href="https://www.datadictionary.nhs.uk/data_elements/accessible_information_communication_support_code__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/accessible_information_communication_support_code__snomed_ct_.html</a>
accommodation_status_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [MA00, MA01, MA02, MA03, MA04, MA05, MA06, MA09, HM00, HM01, HM02, HM03, HM04, HM05, HM06, HM07, MH00, MH01, MH02, MH03, MH04, MH09, HS00, HS01, HS02, HS03, HS04, HS05, HS09, CH00, CH01, CH02, CH03, CH09, CJ00, CJ01, CJ02, CJ03, CJ04, CJ05, CJ06, CJ07, CJ08, CJ09, CJ10, CJ11, CJ12, SH00, SH01, SH02, SH03, SH09, ML00, OC96, null] Severity**: WARN	Data dictionary code. The type of accommodation that the patient currently has. <a href="https://www.datadictionary.nhs.uk/attributes/accommodation_status_code.html">https://www.datadictionary.nhs.uk/attributes/accommodation_status_code.html</a>
accommodation_status_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Accommodation status.
address_city	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Patient address city
address_line_1	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Patient address line 1
address_line_2	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Patient address line 2
ethnic_category_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, Z, null] Severity**: WARN	Data dictionary code. The ethnicity of the patient, based on the classification used for the 2001 census. <a href="https://www.datadictionary.nhs.uk/attributes/ethnic_category_code_2001.html">https://www.datadictionary.nhs.uk/attributes/ethnic_category_code_2001.html</a>
ethnic_category_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Ethnic category.
gender_identity	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [Male, Female, Non-binary, Not stated, Unknown, Other, null] Severity**: WARN	The individual's perception of their own gender. In some cases, this may not be the same as the patient's registered birth gender, or their current administrative gender.

column	type	notes	description
interpreter_language	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The language of the interpreter required for the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/interpreter_language__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/interpreter_language__snomed_ct_.html</a>
interpreter_language_snomed_ct_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The language of the interpreter required for the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/interpreter_language__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/interpreter_language__snomed_ct_.html</a>
is_carer_support_available	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	An indication of whether carer support is available to the patient at their normal residence. <a href="https://www.datadictionary.nhs.uk/data_elements/carer_support_indicator.html">https://www.datadictionary.nhs.uk/data_elements/carer_support_indicator.html</a>
next_of_kin_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Next of kin name
next_of_kin_number	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Next of kin contact number
nhs_number_status_indicator_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [01, 02, 03, 04, 05, 06, 07, 08, null] Severity**: WARN	Data dictionary code. The trace status of the NHS number. <a href="https://www.datadictionary.nhs.uk/attributes/nhs_number_status_indicator_code_.html">https://www.datadictionary.nhs.uk/attributes/nhs_number_status_indicator_code_.html</a>
nhs_number_status_indicator_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	NHS number status indicator.
patient_external_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The external id of the patient.
person_marital_status_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [S, M, D, W, P, N, 1, 2, 3, 4, null] Severity**: WARN	Data dictionary code. Identifies the marital status of the patient. <a href="https://www.datadictionary.nhs.uk/attributes/person_marital_status.html">https://www.datadictionary.nhs.uk/attributes/person_marital_status.html</a>
person_marital_status_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Person marital status.
postcode	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Patient postcode
preferred_spoken_language	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The preferred spoken language of the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/preferred_spoken_language__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/preferred_spoken_language__snomed_ct_.html</a>

column	type	notes	description
preferred_spoken_language_snomed_ct_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The preferred spoken language of the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/preferred_spoken_language_snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/preferred_spoken_language_snomed_ct_.html</a>
accommodation_status	string	**Optional - derivable. Please do not provide this unless you require	The type of accommodation that the patient currently has. <a href="https://www.datadictionary.nhs.uk/attributes/accommodation_status_code.html">https://www.datadictionary.nhs.uk/attributes/accommodation_status_code.html</a>
age	bigint	**Optional - derivable. Please do not provide this unless you require	Patient age (years)
deceased	boolean	**Optional - derivable. Please do not provide this unless you require	true if the patient is deceased
ethnic_category	string	**Optional - derivable. Please do not provide this unless you require	The ethnicity of the patient, based on the classification used for the 2001 census. <a href="https://www.datadictionary.nhs.uk/attributes/ethnic_category_code_2001.html">https://www.datadictionary.nhs.uk/attributes/ethnic_category_code_2001.html</a>
full_name	string	**Optional - derivable. Please do not provide this unless you require	Last Name, First Name
nhs_number_status_indicator	string	**Optional - derivable. Please do not provide this unless you require	The trace status of the NHS number. <a href="https://www.datadictionary.nhs.uk/attributes/nhs_number_status_indicator_code_.html">https://www.datadictionary.nhs.uk/attributes/nhs_number_status_indicator_code_.html</a>
person_marital_status	string	**Optional - derivable. Please do not provide this unless you require	Identifies the marital status of the patient. <a href="https://www.datadictionary.nhs.uk/attributes/person_marital_status.html">https://www.datadictionary.nhs.uk/attributes/person_marital_status.html</a>

## [CDM] Patient Address History

**Full table name:** patient\_address\_history

**Primary Key:** patient\_address\_history\_id

**Description:** A history table for the patient's address.

column	type	notes	description
address	string		The address of the patient's permanent residence. <a href="https://www.datadictionary.nhs.uk/data_elements/patient_usual_address.html">https://www.datadictionary.nhs.uk/data_elements/patient_usual_address.html</a>
city	string		The city of the patient's permanent address.
country	string		The country of the patient's permanent address.
county	string		The county of the patient's permanent address.
end_date	date		The date the patient moved out of the address.
patient_address_history_id	string	<b>Primary Key:</b> patient_address_history_id	Primary key.
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the Patient.
postcode	string		The postcode of the patient's permanent residence. <a href="https://www.datadictionary.nhs.uk/data_elements/postcode_of_usual_address.html">https://www.datadictionary.nhs.uk/data_elements/postcode_of_usual_address.html</a>
residence_responsibility_ods_code	string		The commissioner responsible for the patient's local area. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_residence_responsibility_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_residence_responsibility_.html</a>
start_date	date		The date the patient moved into the address.
residence_responsibility	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The commissioner responsible for the patient's local area. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_residence_responsibility_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_identifier_residence_responsibility_.html</a>

## [CDM] Patient Diagnosis

**Full table name:** patient\_diagnosis

**Primary Key:** diagnosis\_id

**Description:** Contains patient diagnoses related to the in-scope outpatient activity. This is used to allow clinical teams to use diagnoses in patient decision-making and alerting

column	type	notes	description
clinical_status	string	<b>Values:</b> [active, inactive, null] <b>Severity:</b> WARN	This indicates whether the diagnosis is active or inactive.
diagnosis_id	string	<b>Primary Key:</b> diagnosis_id	ID for each diagnosis
diagnosis_name	string		Name of diagnosis (e.g. Thyrotoxicosis, Neurofibroma)
encounter_id	string	<b>Foreign Key:</b> encounters.encounter_id	encounter ID at which the diagnosis was created as part of
patient_id	string	<b>Foreign Key:</b> patient.person_id	patient ID for the subject of the diagnosis
admission_id	string	<b>Foreign Key:</b> admission.admission_id <b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	Foreign key to the admission the patient was diagnosed in.
consultant_episode_id	string	<b>Foreign Key:</b> consultant_episode.consultant_episode_id <b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	Foreign key to the consultant episode the patient was diagnosed in.
diagnosis_end_date	date	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	DEPRECATED - use diagnosis_timestamp instead. Date when diagnosis was resolved/in remission. This can be null if the diagnosis is active.
diagnosis_icd_10_code	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	The patient's diagnosis.
diagnosis_snomed_ct_code	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	The patient's diagnosis.
diagnosis_start_date	date	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	DEPRECATED - use diagnosis_timestamp instead. Date when diagnosis became active or was coded



column	type	notes	description
diagnosis_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp the patient was diagnosed.
is_primary_diagnosis	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Whether the diagnosis is the main condition being treated or investigated.
patient_pathway_id	string	<b>Foreign Key:</b> patient-pathway.pathway_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the pathway the patient was diagnosed on.
uec_attendance_id	string	<b>Foreign Key:</b> uec_attendance.uec_attendance_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the UEC Attendance the patient was diagnosed in.

## [CDM] Patient Pathway

**Full table name:** patient-pathway

**Primary Key:** pathway\_id

**Description:** Description: A dataset which contains a record per Patient Pathway ( [https://www.datadictionary.nhs.uk/classes/patient\\_pathway.html](https://www.datadictionary.nhs.uk/classes/patient_pathway.html) ). This dataset will be used to track linked patient pathways for active RTT Periods. Additionally, this dataset will consist of all patient pathways (even closed) for historical analysis.

column	type	notes	description
consultant_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	ID for the primary consultant responsible for the patient's care.
division	string		A higher level division of specialty e.g. Medicine, Surgery, Women's and Oncology, etc.
nhs_ccg	string		NHS Clinical Commissioning group code <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/clinical_commissioning_group.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/clinical_commissioning_group.html</a>
pathway_class	string		Indicates whether the pathway is Admitted vs Non-Admitted
pathway_id	string	<b>Primary Key:</b> pathway_id	Primary Key: <a href="https://www.datadictionary.nhs.uk/attributes/patient_pathway_identifier.html">https://www.datadictionary.nhs.uk/attributes/patient_pathway_identifier.html</a>
pathway_status	string		Whether the pathway is an Active RTT Pathway, an Inactive RTT Pathway or a Non-RTT Pathway
pathway_type	string		Different categories indicating the type of pathway the patient is on
patient_id	string	<b>Foreign Key:</b> patient.person_id	Unique Identifier of the patient.
site_id	string	<b>Foreign Key:</b> site.id	ID for the hospital site where the patient is receiving care: <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_site.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_site.html</a>
specialty_id	string	<b>Foreign Key:</b> specialty.specialty_id	Main specialty code <a href="https://www.datadictionary.nhs.uk/attributes/main_specialty_code.html">https://www.datadictionary.nhs.uk/attributes/main_specialty_code.html</a>
admission_method_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Code corresponding to how the patient was admitted <a href="https://www.datadictionary.nhs.uk/data_elements/admission_method_code_hospital_provider_spell_.html">https://www.datadictionary.nhs.uk/data_elements/admission_method_code_hospital_provider_spell_.html</a>

column	type	notes	description
covid_priority	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Covid Priority e.g.: 1a,1b,2,3,4
covid_priority_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date Covid Priority was entered on WL
data_source	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Name of the source system this pathway originated from.
directorate	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	An umbrella category for a team that sits on top of division and speciality.
dta_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Decision to admit date.
intended_procedure_description	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The description of the intended procedure that the patient needs.
last_pathway_activity	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The last activity recorded for the pathway - could be an appointment, a clinic letter, a conversation, etc.
last_pathway_activity_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date of the last activity recorded for the pathway
local_sub_specialty_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Local sub specialty code <a href="https://www.datadictionary.nhs.uk/data_elements/local_sub-specialty_code.html">https://www.datadictionary.nhs.uk/data_elements/local_sub-specialty_code.html</a>
local_sub_specialty_description	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Local sub specialty description <a href="https://www.datadictionary.nhs.uk/data_elements/local_sub-specialty_code.html">https://www.datadictionary.nhs.uk/data_elements/local_sub-specialty_code.html</a>
ppid	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Stands for Patient Pathway Identifier. It's an identifier, which together with the organisation identifier of the issuer, uniquely identifies the pathway. At the beginning of the patient's journey, the first organisation receiving the referral should generate the PPID; the PPID should then remain consistent, even if care is transferred across to another organisation. <a href="https://www.datadictionary.nhs.uk/attributes/patient_pathway_identifier.html">https://www.datadictionary.nhs.uk/attributes/patient_pathway_identifier.html</a>
ppid_issuer	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The first organisation to receive the patient's referral and generate the PPID. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_code_patient_pathway_identifier_issuer_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_code_patient_pathway_identifier_issuer_.html</a>

column	type	notes	description
ppid_issuer_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The first organisation to receive the patient's referral and generate the PPID. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_code__patient_pathway_identifier_issuer_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_code__patient_pathway_identifier_issuer_.html</a>
referral_id	string	<b>Foreign Key:</b> referral.referral_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the referral initiated the pathway.
treatment_function_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A unique identifier for the treatment function. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
treatment_function_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The corresponding name of the treatment function. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
waiting_time_measurement_type_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [01, 02, 03, 04, 09, null] Severity**: WARN	The type of waiting time measurement methodology applied to the patient pathway. <a href="https://www.datadictionary.nhs.uk/attributes/waiting_time_measurement_type.html">https://www.datadictionary.nhs.uk/attributes/waiting_time_measurement_type.html</a>
waiting_time_measurement_type_code_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of waiting time measurement methodology applied to the patient pathway.
consultant_name	string	**Optional - derivable. Please do not provide this unless you require	The name of the primary consultant associated with the RTT pathway
last_appointment_date	date	**Optional - derivable. Please do not provide this unless you require	Date of last patient appointment as an inpatient or outpatient.
last_appointment_description	string	**Optional - derivable. Please do not provide this unless you require	Description of last patient appointment as an inpatient or outpatient.
last_opa_date	date	**Optional - derivable. Please do not provide this unless you require	Date of the last outpatient appointment the patient had.
last_opa_outcome	string	**Optional - derivable. Please do not provide this unless you require	The outcome of the last outpatient appointment the associated patient has attended.

column	type	notes	description
latest_referral_received_date	date	**Optional - derivable. Please do not provide this unless you require	Date when the latest referral on the pathway was created. This field should ONLY be provided if the referral input dataset is NOT provided. In cases where the referral input dataset is provided, this field should not be provided and instead will be derived.
next_appointment_date	date	**Optional - derivable. Please do not provide this unless you require	Date of next patient appointment inpatient or outpatient.
next_appointment_description	string	**Optional - derivable. Please do not provide this unless you require	Description of next patient appointment inpatient or outpatient.
next_appointment_status	string	**Optional - derivable. Please do not provide this unless you require	Whether the next appointment is dated or undated.
next_opa_date	date	**Optional - derivable. Please do not provide this unless you require	Date of next outpatient appointment.
original_referral_created_date	date	**Optional - derivable. Please do not provide this unless you require	Date when the original referral on the pathway was created. This field should ONLY be provided if the referral input dataset is NOT provided. In cases where the referral input dataset is provided, this field should not be provided and instead will be derived.
original_referral_priority	string	**Optional - derivable. Please do not provide this unless you require	The priority of the original referral on the pathway. <a href="https://www.datadictionary.nhs.uk/GPDataSet/Referral.html">https://www.datadictionary.nhs.uk/GPDataSet/Referral.html</a> . This field should ONLY be provided if the referral input dataset is NOT provided. In cases where the referral input dataset is provided, this field should not be provided and instead will be derived.
original_referral_received_date	date	**Optional - derivable. Please do not provide this unless you require	Date when the original referral on the pathway was received in primary care. <a href="https://www.datadictionary.nhs.uk/attributes/referral_request_received_date.html">https://www.datadictionary.nhs.uk/attributes/referral_request_received_date.html</a> . This field should ONLY be provided if the referral input dataset is NOT provided. In cases where the referral input dataset is provided, this field should not be provided and instead will be derived.

column	type	notes	description
original_referral_source	string	**Optional - derivable. Please do not provide this unless you require	The source (care setting) for the original referral on the pathway. <a href="https://www.datadictionary.nhs.uk/GPDataSet/Referral.html">https://www.datadictionary.nhs.uk/GPDataSet/Referral.html</a> . This field should ONLY be provided if the referral input dataset is NOT provided. In cases where the referral input dataset is provided, this field should not be provided and instead will be derived.
original_referral_ubrn	string	**Optional - derivable. Please do not provide this unless you require	The unique booking reference number of the original referral on the pathway. <a href="https://www.datadictionary.nhs.uk/attributes/unique_booking_reference_number_converted_.html">https://www.datadictionary.nhs.uk/attributes/unique_booking_reference_number_converted_.html</a> . This field should ONLY be provided if the referral input dataset is NOT provided. In cases where the referral input dataset is provided, this field should not be provided and instead will be derived.
owl_clinic_code	string	**Optional - derivable. Please do not provide this unless you require	Clinic code entered on outpatient waiting list. Can be derived from appointment.
owl_flag	boolean	**Optional - derivable. Please do not provide this unless you require	Whether the patient is on an outpatient waiting list
owl_group_code	string	**Optional - derivable. Please do not provide this unless you require	Clinic group code entered on outpatient waiting list. Derived as the last requested appointment type from outpatient-activity.
site_name	string	**Optional - derivable. Please do not provide this unless you require	The name of the hospital site corresponding with the RTT pathway
specialty_name	string	**Optional - derivable. Please do not provide this unless you require	RTT Period specialty name
tcj_date	date	**Optional - derivable. Please do not provide this unless you require	Scheduled date for patient to come in. Used in tandem with next_opa_date to determine prospective clock stops.
waiting_time_measurement_type	string	**Optional - derivable. Please do not provide this unless you require	The type of waiting time measurement methodology applied to the patient pathway. <a href="https://www.datadictionary.nhs.uk/attributes/waiting_time_measurement_type.html">https://www.datadictionary.nhs.uk/attributes/waiting_time_measurement_type.html</a>
age	bigint		The age of the patient

column	type	notes	description
date_of_birth	date		The date of birth of the patient
last_appointment	string		Type of the last appointment that occurred.
last_clinic_letter_date	timestamp		The date of the last clinic letter for the patient
last_clinic_letter_type	string		The type of the last clinic letter for the patient
last_test_result_date	timestamp		The date of the last test result for the patient
mrn	string		The MRN/CRN of the patient
next_appointment	string		Type of the next appointment that is due to occur.
next_diagnostics_date	date		Date of next diagnostics appointment.
nhs_number	string		The NHS number of the patient
patient_deceased	boolean		Is the patient deceased
patient_name	string		Full name of the patient

## [CDM] Pregnancy

Full table name: pregnancy

Primary Key: pregnancy\_id

Description: Carries details that span across a pregnancy.

column	type	notes	description
antenatal_responsible_gp_care_professional_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	Foreign key to the general medical practitioner responsible for the patient's antenatal care. <a href="https://www.datadictionary.nhs.uk/data_elements/general_medical_practitioner_antenatal_care_.html">https://www.datadictionary.nhs.uk/data_elements/general_medical_practitioner_antenatal_care_.html</a>
first_antenatal_assessment_date	date		The date on which the patient was assessed and arrangements were made for antenatal care. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/first_antenatal_assessment_date.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/first_antenatal_assessment_date.html</a>
intended_delivery_place_code	string	<b>Values:</b> [1, 2, 3, 0, 4, 7, 5, 6, 8, 9,null] <b>Severity:</b> WARN	The delivery place type where the patient plans to have her baby. <a href="https://www.datadictionary.nhs.uk/attributes/intended_delivery_place.html">https://www.datadictionary.nhs.uk/attributes/intended_delivery_place.html</a>
number_of_previous_pregnancies_resulting_in_registrable_births	int		The number of previous pregnancies resulting in one or more registrable births. <a href="https://www.datadictionary.nhs.uk/data_elements/number_of_previous_pregnancies_resulting_in_registrable_birth.html">https://www.datadictionary.nhs.uk/data_elements/number_of_previous_pregnancies_resulting_in_registrable_birth.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	A foreign key to the pregnant patient object type.
pregnancy_id	string	<b>Primary Key:</b> pregnancy_id	Primary key.
intended_delivery_place_code_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The delivery place type where the patient plans to have her baby.
intended_delivery_place	string	**Optional - derivable. Please do not provide this unless you require	The delivery place type where the patient plans to have her baby. <a href="https://www.datadictionary.nhs.uk/attributes/intended_delivery_place.html">https://www.datadictionary.nhs.uk/attributes/intended_delivery_place.html</a>



## [CDM] Procedure

**Full table name:** procedure

**Primary Key:** procedure\_id

**Description:** Information about procedures performed on, or planned to be performed on, a Patient. The procedure list should be limited to procedures that are related to encounters in the encounters table. For more information on procedures, please see

[https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/patient\\_procedure.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/patient_procedure.html). Procedures are used in the applications to provide further information on theatre bookings, such as primary procedure start time, expected length and description. Procedure data is also displayed on patient visualisations so users can see past and upcoming procedures

column	type	notes	description
actual_procedure_time_total_theatre_time	int		Actual total theatre time utilised to carry out the procedure (in minutes)
anaesthetic_type_to_be_used	string		Which type of anaesthetic (if any) was, or will be, used in the procedure
anaesthetist_required	boolean		true if an anaesthetist is required for this procedure. can be used if not known
encounter_id	string	<b>Foreign Key:</b> encounters.encounter_id	Encounter at which the procedure was, or will be, performed
estimated_procedure_time_total_theatre_time	int		Estimated total theatre time utilised to carry out the procedure (in minutes)
intended_procedure_code	string		OPCS code of the intended procedure: <a href="https://www.datadictionary.nhs.uk/data_elements/primary_procedure_opcs.html">https://www.datadictionary.nhs.uk/data_elements/primary_procedure_opcs.html</a>
intended_procedure_description	string		Description of the intended primary procedure
intended_procedure_free_text	string		Free text comments related to the intended primary procedure
is_primary_procedure	boolean	<b>Nullable:</b> False	true if this procedure is the primary procedure of the encounter
patient_id	string	<b>Foreign Key:</b> patient.person_id	ID for the patient on which the procedure was, or will be, performed
primary_consultant_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	ID for the primary consultant performing the procedure
procedure_id	string	<b>Primary Key:</b> procedure_id	ID for the procedure

column	type	notes	description
procedure_time_or_order	string		Start time of procedure using a 24 hour clock in string format (hh:mm:ss) <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/procedure_time.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/procedure_time.html</a>
theatre_session_id	string	<b>Foreign Key:</b> theatre-session.theatre_session_id	theatre session at which the procedure was, or will be, performed (if booked)
actual_procedure_time_knife_to_skin_closure	int	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Actual time from knife to skin to skin closure during the procedure (in minutes)
admission_id	string	<b>Foreign Key:</b> admission.admission_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the admission the procedure was performed in.
appointment_id	string	<b>Foreign Key:</b> appointment.attendance_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the appointment the procedure occurred in.
consultant_episode_id	string	<b>Foreign Key:</b> consultant_episode.consultant_episode_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the consultant episode the procedure occurred in.
estimated_procedure_time_knife_to_skin_closure	int	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Estimated time from knife to skin to skin closure during the procedure in minutes
estimated_procedure_time_strategy	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Textual description of the strategy used to estimate procedure time
expected_length_of_stay	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Textual description of the length of time the patient will stay in hospital e.g. "36 Hours", "5 Days"
procedure	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The procedure.
procedure_opcs_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The procedure.
procedure_snomed_ct_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The procedure.
procedure_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp the procedure occurred at. <a href="https://www.datadictionary.nhs.uk/data_elements/coded_procedure_timestamp.html">https://www.datadictionary.nhs.uk/data_elements/coded_procedure_timestamp.html</a>

column	type	notes	description
responsible_anaesthetist_care_professional_id	string	<b>Foreign Key:</b> care_professional.care_professional_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the anaesthetist responsible for the patient throughout the procedure.
uec_attendance_id	string	<b>Foreign Key:</b> uec_attendance.uec_attendance_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Foreign key to the UEC attendance the procedure was performed in.
admission_method	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Planned, Unplanned, Booked, Waiting List, null] Severity**: WARN	Status column to signify if the admission was, or is, planned or unplanned. If the data is restricted to procedures related to elective admission list entries, then this column will only contain "Planned" values. This column uses the admission_method value from the encounters table, linked on encounter_id
priority	string	**Optional - derivable. Please do not provide this unless you require	Clinical priority of the linked Encounter (RCS or Urgent, Cancer, Routine). This column uses the priority value from the encounters table, linked on encounter_id
priority_ordered	string	**Optional - derivable. Please do not provide this unless you require	Ordered priority (used for sorting). This should have the numeric order of the clinical priority appended to the priority string, e.g. 01: urgent. This column uses the priority_ordered value from the encounters table, linked on encounter_id
procedure_date	date	**Optional - derivable. Please do not provide this unless you require	DEPRECATED - use procedure_timestamp instead. Date of procedure: <a href="https://www.datadictionary.nhs.uk/data_elements/procedure_date.html">https://www.datadictionary.nhs.uk/data_elements/procedure_date.html</a>
procedure_ordered	int	**Optional - derivable. Please do not provide this unless you require	A ranking of procedures within a specific theatre session by start time (the lowest ranked procedure will appear first)
title	string	**Optional - derivable. Please do not provide this unless you require	A textual title for the procedure. Recommended format is {patient name}: {procedure description}

## [CDM] Procedure Status

**Full table name:** procedure-status

**Primary Key:** procedure\_status\_id

**Description:** Contains a record per procedure, along with metadata that indicates the readiness of each procedure. This information is used to highlight any procedure issues when patients are booked in for treatment, such as the status of Pre-Operative Assessments, COVID swabs and MRSA swabs.

column	type	notes	description
covid_swab_appointment_id	string	<b>Foreign Key:</b> appointment.attendance_id	ID for the COVID swab appointment
covid_swab_attended_datetime	timestamp		Timestamp at which the COVID swab appointment was attended
covid_swab_booked_datetime	timestamp		Timestamp at which the COVID swab appointment was booked
covid_swab_booking_status	string	<b>Values:</b> [Attended, Scheduled, DNA, Cancelled, Unscheduled, null] <b>Severity:</b> WARN	COVID swab appointment booking status
covid_swab_outcome	string		COVID swab appointment outcome
encounter_id	string	<b>Foreign Key:</b> encounters.encounter_id	ID for the encounter related to the procedure
is_primary_procedure	boolean	<b>Nullable:</b> False	true if this procedure is the primary procedure of the encounter
mrsa_swab_appointment_id	string	<b>Foreign Key:</b> appointment.attendance_id	ID for the MRSA swab appointment
mrsa_swab_attended_datetime	timestamp		Timestamp at which the MRSA swab appointment was attended
mrsa_swab_booked_datetime	timestamp		Timestamp at which the MRSA swab appointment was booked
mrsa_swab_booking_status	string	<b>Values:</b> [Attended, Scheduled, DNA, Cancelled, Unscheduled, null] <b>Severity:</b> WARN	MRSA swab booking status
mrsa_swab_outcome	string		MRSA swab appointment outcome
patient_id	string	<b>Foreign Key:</b> patient.person_id	ID for the patient related to the procedure
poa_appointment_id	string	<b>Foreign Key:</b> appointment.attendance_id	ID for the POA appointment related to the procedure
poa_booked_datetime	timestamp		Timestamp at which the POA appointment was booked

column	type	notes	description
poa_booking_status	string	<b>Values:</b> [Attended, Scheduled, DNA, Cancelled, Unscheduled, null] <b>Severity:</b> WARN	The booking status for the POA appointment
poa_outcome	string		Outcome of POA appointment
poa_scheduled_or_attended_datetime	timestamp		Timestamp at which the POA appointment is scheduled, or was attended
procedure_id	string	<b>Foreign Key:</b> procedure.procedure_id	ID for the procedure
procedure_status_id	string	<b>Primary Key:</b> procedure_status_id	ID, a unique identifier for each record
theatre_booking_id	string	<b>Foreign Key:</b> theatre_booking.theatre_booking_id	ID for the theatre booking event at which the procedure takes place
poa_expiry_date	date	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	Date that the POA expires
poa_outcome_date	date	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	Date of the outcome of the POA appointment
poa_outcome_free_text	string	<b>**Optional - not derivable.</b> Supply if available; otherwise, it defaults to null.	Free text comments relating to POA outcome
poa_ordering	int	<b>**Optional - derivable.</b> Please do not provide this unless you require	Order of the pre-operative assessment for an encounter. An order of 1 indicates the most recent appointment.

# [CDM] Procedure Type

Full table name: procedure-type

Primary Key: procedure\_code

Description: List of available procedures

column	type	notes	description
procedure_code	string	Primary Key: procedure_code	Primary Key: Procedure code
procedure_description	string		Procedure Description

# [CDM] Radiology Exam

Full table name: radiology-exam

Primary Key: radiology\_exam\_id

Description: Radiology exam information.

column	type	notes	description
clean_exam_status	string	<b>Values:</b> [ordered, scheduled, attended, cancelled, did not attend, reported, null] <b>Severity:</b> FAIL	The clean status of the radiology exam data.
patient_id	string	<b>Foreign Key:</b> patient.person_id	The foreign key for the person undergoing the radiology exam.
radiology_exam_id	string	<b>Primary Key:</b> radiology_exam_id	The unique identifier for the radiology exam.
attended_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the radiology exam was attended.
exam_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The current status of the radiology exam.
is_reported	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Indicates whether the radiology report has been completed.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date and time that this row of data was last refreshed at from the source system.
modality	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The modality used in the radiology exam.
ordered_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the radiology exam was ordered.
radiology_exam_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of radiology exam performed.
radiology_priority	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The priority level the radiology exam was booked at.
report_authorised_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when the report was authorised and ready for further use by cancer services.
report_prepared_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date when report was sent for authorisation.
report_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The text content of the radiology report.

column	type	notes	description
scheduled_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the radiology exam was scheduled.
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from
cancer_priority_ordering	int	**Optional - derivable. Please do not provide this unless you require	0-5 ordering on priority where 0 is the highest priority - used by Cancer 360 to determine which records to preferentially display in the cancer PTL. Typically a static mapping with clean_status.
has_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is attended_date, ordered_date, report_authorised_date, report_prepared_date or scheduled_date "recent", by default this means within the last 3 days
is_attended_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is attended_date "recent", by default this means within the last 3 days
is_ordered_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is ordered_date "recent", by default this means within the last 3 days
is_report_authorised_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is report_authorised_date "recent", by default this means within the last 3 days
is_report_prepared_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is report_prepared_date "recent", by default this means within the last 3 days
is_scheduled_date_in_the_last_n_days	boolean	**Optional - derivable. Please do not provide this unless you require	Is scheduled_date "recent", by default this means within the last 3 days



## [CDM] Referral

Full table name: referral

Primary Key: referral\_id

Description: All referrals: [https://www.datadictionary.nhs.uk/classes/referral\\_request.html](https://www.datadictionary.nhs.uk/classes/referral_request.html) The minimum scope of referrals should be those that relate to past or present referrals for outpatient appointments

column	type	notes	description
date_referral_accepted	date		Date referral was accepted by the service/trust
date_referral_received	date		Date referral was received by the service/trust
due_date	date		Date by which patient should be scheduled for an appointment
earliest_due_date	date		Earliest date the patient can be scheduled for an appointment
pathway_id	array	Foreign Key: patient-pathway.pathway_id	The ID of the pathway the referral is linked to: <a href="https://www.datadictionary.nhs.uk/classes/patient_pathway.html">https://www.datadictionary.nhs.uk/classes/patient_pathway.html</a> . Note: a single pathway ID is expected but there is the option to provide more than one pathway ID in the case of data quality issues resulting in more than one pathway being linked to a referral.
patient_id	string	Foreign Key: patient.person_id	the patient receiving a service
patient_is_on_cancer_pathway	boolean		true if patient is on cancer pathway
primary_care_professional_id	string	Foreign Key: care-professional.care_professional_id	Primary care professional assigned to the referral
referral_id	string	Primary Key: referral_id	ID for the referral
removed_timestamp	timestamp		The date and time of removal
requested_appointment_type	string		Requested appointment type (e.g. Cardiology F/Up, Endocrinology New) for the referral
rtt_pathway_status	string	Values: [Non-RTT Pathway, Active RTT Pathway, Inactive RTT Pathway, null] Severity: WARN	Is on active RTT pathway
rtt_period_end_date	date		Date of RTT clock stop

column	type	notes	description
rtt_period_length	int		RTT period length (days)
rtt_period_start_date	date		Date of RTT clock start
site_id	string	<b>Foreign Key:</b> site.id	Hospital site ID
source	string		The source of the activity record (e.g. eRS, PAS)
source_unique_id	string		ID for the referral used in the original source system
specialty_id	string	<b>Foreign Key:</b> specialty.specialty_id	the main specialty for the referral
status	string	<b>Values:</b> [Accepted, Due, Past due, Open, Closed, Deferred, Rejected, Complete, Removed, Waiting, Awaiting triage, No referral status, Referral, Requested, Call letter sent, Redirect, null] <b>Severity:</b> WARN	Status (e.g. Accepted, Rejected, Open, Awaiting Triage)
date_referral_created	date	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	Date the referral was created.
priority_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> <b>Values:</b> [1, 2, 3, null] <b>Severity**:</b> WARN	The priority of the referral request. <a href="https://www.datadictionary.nhs.uk/attributes/priority_type.html">https://www.datadictionary.nhs.uk/attributes/priority_type.html</a>
priority_local_code	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	The priority of the referral request.
referral_letter_content	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	The full text content of the referral letter
referral_letter_rid	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	The unique reference ID to a referral letter that has been uploaded to FDP and stored in a media set
referral_notes	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	Accompanying notes sent alongside the referral
referral_source_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> <b>Values:</b> [01, 02, 10, 11, 03, 92, 12, 04, 05, 06, 07, 13, 14, 15, 16, 17, 93, 97, null] <b>Severity**:</b> WARN	The source of referral of each Consultant Out-Patient Episode. <a href="https://www.datadictionary.nhs.uk/attributes/source_of_referral_for_out-patients.html">https://www.datadictionary.nhs.uk/attributes/source_of_referral_for_out-patients.html</a>
referral_source_local_code	string	<b>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</b>	The source of referral of each Consultant Out-Patient Episode.

column	type	notes	description
referrer_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A unique ID for the care professional who made the referral. Note that this is not a foreign key. <a href="https://www.datadictionary.nhs.uk/data_elements/referrer_code.html">https://www.datadictionary.nhs.uk/data_elements/referrer_code.html</a>
referring_organisation	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The organisation from which the referral was made, such as a GP practice, NHS trust or NHS Foundation Trust. <a href="https://www.datadictionary.nhs.uk/data_elements/referring_organisation_code.html">https://www.datadictionary.nhs.uk/data_elements/referring_organisation_code.html</a>
referring_organisation_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The organisation from which the referral was made, such as a GP practice, NHS trust or NHS Foundation Trust. <a href="https://www.datadictionary.nhs.uk/data_elements/referring_organisation_code.html">https://www.datadictionary.nhs.uk/data_elements/referring_organisation_code.html</a>
service_id	string	<b>Foreign Key:</b> ers-service.service_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	ID of the eRS service under which the referral was received
service_type_requested_code	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [1, 2, 3, null] Severity**: WARN	Whether the referral was for a specific procedure, advice/consultation, or something else. <a href="https://www.datadictionary.nhs.uk/attributes/service_type_requested.html">https://www.datadictionary.nhs.uk/attributes/service_type_requested.html</a>
service_type_requested_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Whether the referral was for a specific procedure, advice/consultation, or something else.

column	type	notes	description
treatment_function_code	string	Optional - not derivable. Supply if available; otherwise, it defaults to null. Values: [100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 115, 120, 130, 140, 141, 143, 144, 145, 150, 160, 161, 170, 172, 173, 174, 191, 142, 171, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 230, 240, 241, 242, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 270, 280, 290, 291, 321, 421, 180, 190, 192, 200, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 313, 314, 315, 316, 317, 318, 319, 320, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 333, 335, 340, 341, 342, 343, 344, 345, 346, 347, 348, 350, 352, 360, 361, 370, 371, 400, 401, 410, 420, 422, 424, 430, 431, 450, 451, 460, 461, 501, 502, 503, 504, 505, 510, 520, 560, 610, 620, 656, 700, 710, 711, 712, 713, 715, 720, 721, 722, 723, 724, 725, 726, 727, 730, 800, 811, 812, 822, 832, 834, 650, 651, 652, 653, 654, 655, 657, 658, 659, 660, 661, 662, 663, 670, 673, 675, 677, 840, 920, 990, null] Severity**: WARN	The specialty the patient has been referred for. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
treatment_function_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The specialty the patient has been referred for.
ubrn	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The unique booking reference number of the referral. <a href="https://www.datadictionary.nhs.uk/attributes/unique_booking_reference_number__converted_.html">https://www.datadictionary.nhs.uk/attributes/unique_booking_reference_number__converted_.html</a>
was_patient_referred_to_direct_access_service	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A boolean that's true when the patient has been referred to a direct access service. <a href="https://www.datadictionary.nhs.uk/attributes/direct_access_referral_indicator.html">https://www.datadictionary.nhs.uk/attributes/direct_access_referral_indicator.html</a>

column	type	notes	description
was_referred_by_first_contact_practitioner	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A boolean that's true when the patient was referred by a first contact practitioner (e.g. physiotherapist, podiatrist, etc) <a href="https://www.datadictionary.nhs.uk/attributes/direct_access_referral_indicator.html">https://www.datadictionary.nhs.uk/attributes/direct_access_referral_indicator.html</a>
days_to_book_within	int	**Optional - derivable. Please do not provide this unless you require	Number of days within which the patient must be booked in (before the due_date)
days_waiting	int	**Optional - derivable. Please do not provide this unless you require	Days waiting since the referral was received
full_name	string	**Optional - derivable. Please do not provide this unless you require	Full Name of Patient
mrn	string	**Optional - derivable. Please do not provide this unless you require	Patient MRN
priority	string	**Optional - derivable. Please do not provide this unless you require	The priority of the referral request (e.g. Urgent, Routine) <a href="https://www.datadictionary.nhs.uk/attributes/priority_type.html">https://www.datadictionary.nhs.uk/attributes/priority_type.html</a>
referral_source	string	**Optional - derivable. Please do not provide this unless you require	The source of referral of each Consultant Out-Patient Episode. <a href="https://www.datadictionary.nhs.uk/attributes/source_of_referral_for_out-patients.html">https://www.datadictionary.nhs.uk/attributes/source_of_referral_for_out-patients.html</a>
removed	boolean	<b>Optional - derivable. Please do not provide this unless you require</b> Nullable**: False	true if the record has been removed.
service_type_requested	string	**Optional - derivable. Please do not provide this unless you require	Whether the referral was for a specific procedure, advice/consultation, or something else. <a href="https://www.datadictionary.nhs.uk/attributes/service_type_requested.html">https://www.datadictionary.nhs.uk/attributes/service_type_requested.html</a>
site_name	string	**Optional - derivable. Please do not provide this unless you require	Hospital site for the referral
specialty_name	string	**Optional - derivable. Please do not provide this unless you require	Name of main specialty for the referral
title	string	**Optional - derivable. Please do not provide this unless you require	Referral display title (Full Name, Specialty)

column	type	notes	description
treatment_function	string	**Optional - derivable. Please do not provide this unless you require	The specialty the patient has been referred for. <a href="https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html">https://www.datadictionary.nhs.uk/attributes/treatment_function_code.html</a>
weeks_waiting	int	**Optional - derivable. Please do not provide this unless you require	Weeks waiting since the referral was received
service_name	string		Name of the eRS service under which the referral was received
service_type	string		Type of the eRS service under which the referral was received

## [CDM] Scored Assessment

**Full table name:** scored\_assessment

**Primary Key:** scored\_assessment\_id

**Description:** An assessment used to evaluate the patient that results in a score. [https://www.datadictionary.nhs.uk/classes/assessment\\_tool.html](https://www.datadictionary.nhs.uk/classes/assessment_tool.html)

column	type	notes	description
admission_id	string	<b>Foreign Key:</b> admission.admission_id	Foreign key to the admission the assessment was completed in.
appointment_id	string	<b>Foreign Key:</b> appointment.attendance_id	Foreign key to the appointment the assessment was completed in.
assessment_tool_type_snomed_ct_code	string		The type of scored assessment being used. <a href="https://www.datadictionary.nhs.uk/data_elements/coded_assessment_tool_type_snomed_ct.html">https://www.datadictionary.nhs.uk/data_elements/coded_assessment_tool_type_snomed_ct.html</a>
completion_timestamp	timestamp		The timestamp the assessment was completed. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/assessment_tool_completion_timestamp.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/assessment_tool_completion_timestamp.html</a>
consultant_episode_id	string	<b>Foreign Key:</b> consultant_episode.consultant_episode_id	Foreign key to the consultant episode the assessment was completed in.
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the patient being assessed.
person_score	string		The score resulting from the assessment. <a href="https://www.datadictionary.nhs.uk/attributes/person_score.html">https://www.datadictionary.nhs.uk/attributes/person_score.html</a>
scored_assessment_id	string	<b>Primary Key:</b> scored_assessment_id	Primary key.
uec_attendance_id	string	<b>Foreign Key:</b> uec_attendance.uec_attendance_id	Foreign key to the UEC attendance the assessment was completed in.
assessment_tool_type	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of scored assessment being used. <a href="https://www.datadictionary.nhs.uk/data_elements/coded_assessment_tool_type_snomed_ct.html">https://www.datadictionary.nhs.uk/data_elements/coded_assessment_tool_type_snomed_ct.html</a>

## [CDM] Site

Full table name: site

Primary Key: id

Description: Hospital Site: [https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/hospital\\_site.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_site.html). Site information is required to allow users to filter waiting lists and theatre sessions by hospital site.

column	type	notes	description
id	string	Primary Key: id	Primary Key: Site ID <a href="https://www.datadictionary.nhs.uk/attributes/organisation_site_identifier.html">https://www.datadictionary.nhs.uk/attributes/organisation_site_identifier.html</a>
name	string	Nullable: False	Site Name: <a href="https://www.datadictionary.nhs.uk/attributes/organisation_site_name.html">https://www.datadictionary.nhs.uk/attributes/organisation_site_name.html</a>
site_ods_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The organisation code for the site. <a href="https://www.datadictionary.nhs.uk/attributes/organisation_site_code.html">https://www.datadictionary.nhs.uk/attributes/organisation_site_code.html</a>



## [CDM] Specialty

Full table name: specialty

Primary Key: specialty\_id

**Description:** A reference dataset which contains a record per specialty and treatment function. This is derived from the following NHS Data Dictionary class: [https://www.datadictionary.nhs.uk/supporting\\_information/main\\_specialty\\_and\\_treatment\\_function\\_codes\\_table.html](https://www.datadictionary.nhs.uk/supporting_information/main_specialty_and_treatment_function_codes_table.html). Specialty and treatment function information is required to allow application users to filter data so that they only view data relevant to them.

column	type	notes	description
is_active_specialty	boolean	<b>Nullable:</b> False	true if this is currently an active specialty at this trust
specialty_id	string	<b>Primary Key:</b> specialty_id	ID for the specialty/treatment function. This should match the codes listed in the NHS Data Dictionary: <a href="https://www.datadictionary.nhs.uk/supporting_information/main_specialty_and_treatment_function_codes_table.html">https://www.datadictionary.nhs.uk/supporting_information/main_specialty_and_treatment_function_codes_table.html</a>
specialty_name	string		Textual description of the specialty/treatment function. This should match the descriptions listed in the NHS Data Dictionary: <a href="https://www.datadictionary.nhs.uk/supporting_information/main_specialty_and_treatment_function_codes_table.html">https://www.datadictionary.nhs.uk/supporting_information/main_specialty_and_treatment_function_codes_table.html</a>
theatre_specialty	boolean		true if the specialty requires theatre sessions at this trust
division	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A higher level division of specialty e.g. Medicine, Surgery, Women's and Oncology, etc.

# [CDM] Staff Unavailability

Full table name: staff-unavailability

Primary Key: id

Description: Dataset to capture unavailability of primary consultants.

column	type	notes	description
care_professional_id	string	Foreign Key: care-professional.care_professional_id	id of the care professional
id	string	Primary Key: id	Primary Key: Id for the row
leave_start_time	timestamp	Nullable: False	Time from which the care professional is unavailable on the date_of_leave date
leave_state	string		Specifies whether leave is requested or confirmed.
notes	string		Note describing the type of leave, example: Study Leave, Annual Leave, On Call
hours	bigint	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Total length of leave requested
date_of_leave	date	Optional - derivable. Please do not provide this unless you require Nullable**: False	Date on which the care professional is on leave
leave_end_time	timestamp	**Optional - derivable. Please do not provide this unless you require	Time till which the care professional is unavailable on the date_of_leave date
title	string	**Optional - derivable. Please do not provide this unless you require	Descriptive title formed by concatenating few important columns

# [CDM] Team

Full table name: team

Primary Key: team\_id

Description: The teams at a given trust

column	type	notes	description
cancer_sites	array		The names of the cancer sites this team is liked to. Leave empty if not relevant.
created_at	timestamp		When the team was created
created_by	string		The Foundry user_id of the person who created the team
description	string		The description of the team
name	string		Name of the team
site_ids	array		The ids of the sites that the team is linked to
site_names	array		The names of the sites that the team is linked to
specialties	array		The ids of the specialites that the team is linked to
team_id	string	Primary Key: team_id	Unique Identifier for a team
team_types	array		The type of team this e.g. Central, Specialty
updated_at	timestamp		When the team was updated
updated_by	string		The Foundry user_id of the person who updated the team

# [CDM] Team Member

Full table name: team\_member

Primary Key: user\_id

Description: The users at a given trust

column	type	notes	description
band	string		NHS band
created_at	timestamp		When the member was created
created_by	string		The Foundry user_id of the person who created the member
job_title	string		A users job title
updated_at	timestamp		When the member was updated
updated_by	string		The Foundry user_id of the person who updated the member
user_id	string	Primary Key: user_id	Unique Foundry Identifier for a user

# [CDM] Team Membership

Full table name: team\_membership

Primary Key: team\_membership\_id

Description: The unique team to member links

column	type	notes	description
created_at	timestamp		When the membership was created
created_by	string		The Foundry user_id of the person who created the membership
roles	array		The additional roles of a member on a team e.g. Admin
team_id	string		Unique Identifier for a team
team_membership_id	string	Primary Key: team_membership_id	Unique Identifier for membership to a team
updated_at	timestamp		When the membership was updated
updated_by	string		The Foundry user_id of the person who updated the membership
user_id	string		Unique Identifier for a user

## [CDM] Test Result

**Full table name:** test\_results

**Primary Key:** test\_result\_id

**Description:** Tests and test results ('clinical investigations') related to the in-scope outpatient activity. This is used to allow clinical teams to use test results in their patient decision-making and alerting. For OPTICA, Covid test results relating to the patients in scope of the admission dataset.

column	type	notes	description
patient_id	string	<b>Foreign Key:</b> patient.person_id	patient ID for the subject of the test
test_date	timestamp		Date the test was taken
test_name	string		String name of test (e.g. Free T4 Level, blood or Platelet count, blood, Covid). Only Covid test results are needed for OPTICA, and must be called "Covid positive".
test_result_id	string	<b>Primary Key:</b> test_result_id	ID for the test result
value	string		Value of test result (e.g. 102, Target not detected, positive/negative). Must be a Yes/No for OPTICA.
attendance_id	string	<b>Foreign Key:</b> appointment.attendance_id **Optional - not derivable. Supply if available; otherwise, it defaults to null.	Attendance ID at which the test was performed
expiry_date	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Date of test expiry. This can be null if the test has no expiry date.
last_refreshed_at_source_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Timestamp to be set when the data is calculated at source to indicate when this data was last refreshed (not the same as ingest timestamp)
source_system_names	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	String descriptors or display names of the source systems the data in this row is sourced from
test_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Standardised test code. This can be either SNOMED or ICD10.
test_ordered_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp when the test was ordered.

column	type	notes	description
test_value_type	string	<b>Optional - not derivable. Supply if available; otherwise, it defaults to null.</b> Values: [DoubleType, StringType, null] Severity**: WARN	Indicates the data type of the test result value
uec_attendance_id	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The UEC attendance the test/investigation was carried out in.
unit	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Unit of measurement for the value of the test (e.g. mL/L)
value_double	double	**Optional - derivable. Please do not provide this unless you require	Double version of value
ordering_specialty_name	string		Specialty for the linked appointment

# [CDM] Theatre Booking

Full table name: theatre\_booking

Primary Key: theatre\_booking\_id

**Description:** Contains theatre booking event information relating to encounters listed in the Encounters table. Theatre booking information is used to support users in booking patients into available theatre sessions and managing the readiness of upcoming theatre sessions

column	type	notes	description
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column	type	notes	description
cancellation_reason	string	<b>Values:</b> [Pre-existing Medical condition, Undiagnosed Condition, Acute medical condition - related to Covid, Acute medical condition - all other, Procedure No Longer Necessary, Unsuitable for Surgical Hub/Green site, Inadequate Pre-assessment - Incomplete Paperwork, Inadequate Pre-assessment - Health problem not fully investigated, Inadequate Pre-assessment - Appropriate optimisation / follow up not completed, Inadequate Pre-assessment - Appropriate aftercare not arranged, Inadequate Pre-assessment - Reasonable adjustments not in place due to disability or mental health issue, Treatment/Surgery deferred, No Bed Available - General / Ward, No Bed Available - ITU/HDU, No Bed Available - PACU/POCU/Enhanced Care, No Bed Available - Paediatric, No Bed Available - Maternity, Emergency Admission, List Overrun - Booking error, List Overrun - Complexity of procedures, List Overrun - Theatre inefficiencies, List Overrun - Other reason, Clinical Staff Unavailable - Surgeon, Clinical Staff Unavailable - Anaesthetist, Clinical Staff Unavailable - Scrub practitioner, Clinical Staff Unavailable - Anaesthetic practitioner, Clinical Staff Unavailable - Recovery Practitioner, Equipment Unavailable or failed, Administrative Change - Booked to incorrect Session, Administrative Change - Patient brought forward, Essential support unavailable - Perfusionist / Cell Salvage, Essential support unavailable - Radiology, Essential support unavailable - Manufacturer Rep, Essential support unavailable - Interpreter, Pre-op Guidance Not Followed, Appointment Inconvenient, Unfit for procedure, Procedure Not Wanted, Did Not Attend / Was not brought, Industrial action (any staff group), Blood products unavailable, null]	Textual reason for the cancellation of a theatre booking. Conforming to the following standards <a href="https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx">https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx</a>

column	type	Severity: WARN notes	description
datetime_booked	timestamp		Timestamp when booking was created
eal_id	string	Foreign Key: eal-entry.eal_id	ID for the EAL entry that the booking is created for
encounter_id	string	Foreign Key: encounters.encounter_id	ID for the encounter the booking is created for
expected_duration	bigint		Expected duration of booking in minutes
patient_id	string	Foreign Key: patient.person_id	ID for the patient booked in
primary_consultant_id	string	Foreign Key: care-professional.care_professional_id	ID for the primary consultant associated to the theatre session
primary_procedure_id	string	Foreign Key: procedure.procedure_id	ID for the primary procedure the booking is created for
risk_rating	string	Values: [High Risk, Medium Risk, Low Risk, null] Severity: WARN	Categorisation of the patient risk for this booking. The booking will be flagged to users in the front end if this value is "High Risk"
status	string	Values: [Booked, Cancelled, Requested, Provisional, Confirmed, DNA, Attended, Rescheduled, null] Severity: WARN	Booking status of the theatre booking
theatre_booking_id	string	Primary Key: theatre_booking_id	ID for the theatre booking event
theatre_session_id	string	Foreign Key: theatre-session.theatre_session_id	ID for the theatre session the booking has been created in
cancellation_date	date	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The date on which the booking was cancelled
cancellation_reason_free_text	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Additional free text coming from the theatres system regarding a cancellation
risk_description	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Textual description of the risk for patients flagged as high or medium risk in the risk_rating field
adjusted_expected_duration	bigint	**Optional - derivable. Please do not provide this unless you require	The expected duration for the booking, based on a default or custom calculation
full_name	string	**Optional - derivable. Please do not provide this unless you require	Full name for the patient associated with the booking. This column uses the full_name value from the patient table, linked on patient_id
intended_primary_procedure_anaesthetist_required	boolean	**Optional - derivable. Please do not provide this unless you require	true if anaesthetist is required for intended primary procedure

column	type	notes	description
intended_primary_procedure_description	string	**Optional - derivable. Please do not provide this unless you require	Textual description of the intended primary procedure to be carried out within this booking. This column uses the intended_primary_procedure_description value from the procedure table, linked on primary_procedure_id
intended_primary_procedure_free_text	string	**Optional - derivable. Please do not provide this unless you require	Free text comments related to the linked primary procedure. This column uses the intended_primary_procedure_description value from the procedure table, linked on primary_procedure_id
mrn	string	**Optional - derivable. Please do not provide this unless you require	MRN for the patient associated with the booking. This column uses the mrn value from the patient table, linked on patient_id
post_op_bed_required	boolean	**Optional - derivable. Please do not provide this unless you require	true if a bed is required post operation for the patient
primary_procedure_start_time_or_order	string	**Optional - derivable. Please do not provide this unless you require	Primary procedure start datetime in string format (yyyy-MM-dd hh:mm:ss). This is used for sorting bookings within a theatre session on the front end. This column uses the procedure_time_or_order value from the procedure table, linked on primary_procedure_id
priority	string	**Optional - derivable. Please do not provide this unless you require	Clinical priority of the linked Encounter (RCS or Urgent, Cancer, Routine). This column uses the priority value from the encounters table, linked on encounter_id
status_render	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Red, Green, Yellow, Pink, Teal, Blue, null] Severity**: FAIL	Colour render that is applied to the status column value in the front end
anaesthetic_type_to_be_used	string		Which type of anaesthetic (if any) was, or will be, used in the procedure

column	type	notes	description
booking_cancelled	boolean		true if the booking_status is "Cancelled", false otherwise.
cancelled_otd	boolean		Flag to show whether the cancellation occurred on the theatre session date. if the booking status is inconsistent with the cancellation date.
critical_care_bed_status	string	<b>Values:</b> [Requested, Allocated, Request Rejected, Not Required, null] <b>Severity:</b> WARN	Identifies the status of a critical care bed if a patient requires it. Derived from the encounter
intended_management_code	string	<b>Values:</b> [1, 2, 3, 4, 5, 8, 9, null] <b>Severity:</b> WARN	<a href="https://www.datadictionary.nhs.uk/attributes/intended_management.html">https://www.datadictionary.nhs.uk/attributes/intended_management.html</a> . Derived from the Encounter
intended_management_description	string		Textual description of the intended management. Derived from the intended_management_code, per <a href="https://www.datadictionary.nhs.uk/attributes/intended_management.html">https://www.datadictionary.nhs.uk/attributes/intended_management.html</a>
intended_primary_procedure_anaesthetic_type_to_be_used	string		Which type of anaesthetic (if any) was, or will be, used in the primary procedure
last_poa_expiry_date	date		Date that the most recent POA expires
last_poa_outcome_date	date		Date of the outcome of the most recent POA appointment
last_poa_outcome_free_text	string		Free text comments relating to most recent POA outcome
peri_op_risk_stratification_outcome	string		Outcome of peri-op risk stratification. This value may provide additional useful information to help scheduling and booking teams determine whether or not a patient can be booked in for surgery
peri_op_risk_stratification_outcome_date	date		Date of the outcome of peri-op risk stratification.
primary_consultant_name	string		Name of the primary consultant allocated to the theatre booking
rtt_pathway_id	string		RTT pathway ID: <a href="https://www.datadictionary.nhs.uk/classes/patient_pathway.html">https://www.datadictionary.nhs.uk/classes/patient_pathway.html</a> . Derived from EAL

column	type	notes	description
theatre_session_date	date		Date of theatre session the booking is assigned to. Derived using theatre_Session_id.

## [CDM] Theatre Session

**Full table name:** theatre-session

**Primary Key:** theatre\_session\_id

**Description:** Theatre session; an allocation of theatre time to a surgeon to perform procedures:

[https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/operating\\_theatre\\_session.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/operating_theatre_session.html) Theatre session information is used to support users in booking patients into available theatre sessions and managing the readiness of upcoming theatre sessions

column	type	notes	description
actual_utilisation	double		Actual session utilisation ratio, defined as (actual utilised time / available time).
anaesthetist_ids	array		Array of all IDs for anaesthetists assigned to the session
comments	array		Comments on theatre session for scheduling purposes
end_time	timestamp		Theatre session actual end time
list_type	string	<b>Values:</b> [Elective, Non-Elective, null] <b>Severity:</b> WARN	Type of theatre session (Elective, Non-Elective)
planned_end_time	timestamp		Theatre session planned end time
planned_start_time	timestamp		Theatre session planned start time
pooled_list	boolean		true if this is a pooled patient waiting list, shared between multiple surgeons
primary_anaesthetist_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	ID for the primary anaesthetist allocated to the theatre session
primary_consultant_id	string	<b>Foreign Key:</b> care-professional.care_professional_id	ID for the primary surgeon allocated to the theatre session
site_id	string	<b>Foreign Key:</b> site.id	ID for the hospital site where the operating theatre is located: <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_site.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/hospital_site.html</a>
specialty_id	string	<b>Foreign Key:</b> specialty.specialty_id	Specialty assigned for the session
start_time	timestamp		Theatre session actual start time
status	string	<b>Values:</b> [On Offer, Cancelled, Active, Taken - different surgeon/specialty, null] <b>Severity:</b> WARN	The current status of the theatre session
theatre_id	string		ID for the operating theatre the session will take place in

column	type	notes	description
theatre_name	string		Name of the operating theatre in which the session will occur: <a href="https://www.datadictionary.nhs.uk/classes/operating_theatre.html">https://www.datadictionary.nhs.uk/classes/operating_theatre.html</a>
theatre_session_id	string	<b>Primary Key:</b> theatre_session_id	ID for the theatre session
theatre_type	string		Textual description of the theatre type (Main Theatre, Treatment Centre, Paediatric Theatre, Other)
usable_unbooked_minutes	int		Usable booked minutes (e.g. removing turnaround time between patients)

column	type	notes	description
cancellation_reason	string	<p>Optional - not derivable. Supply if available; otherwise, it defaults to null.</p> <p>Values: [Surgeon Unavailable - Annual Leave, Surgeon Unavailable - Meeting, Surgeon Unavailable - Military Duties, Surgeon Unavailable - On call / Post Take / Cons of Week, Surgeon Unavailable - Prof /Study Leave, Surgeon Unavailable - Sick, Surgeon Unavailable - Maternity/Paternity Leave, Surgeon Unavailable - Vacancy, Cover Not available, Unable to staff list - Anaesthetist, Unable to staff list - Scrub practitioner, Unable to staff list - Anaesthetic practitioner, Unable to staff list - Recovery Practitioner, Emergency took priority, Clinical Audit, Training, No patients, Sickness Absence (on the day) - Surgeon, Sickness Absence (on the day) - Anaesthetist, Sickness Absence (on the day) - Scrub practitioner, Sickness Absence (on the day) - Anaesthetic practitioner, Sickness Absence (on the day) - Recovery Practitioner, Theatre Maintenance - Planned, Theatre Maintenance - Unplanned, Session Change - Amended to AM/PM, Session Change - Extended to All day, Session Change - Moved to Another Theatre, Session Change - Entered in Error (administrative), Session Change - Bank Holiday, No Bed Available - General / Ward, ITU/HDU, PACU/POCU/Enhanced Care, Paediatric, Maternity, Equipment Failure / Availability - Equipment Failure, Equipment not Available, Support Service Unavailable - Perfusionist / Cell Salvage, Radiology, Manufacturer Rep, Interpreter, Industrial action (any staff group), null]</p> <p>Severity**: WARN</p>	<p>Textual reason for the cancellation of a theatre session. Conforming to the following standards</p> <p><a href="https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx">https://static.model.nhs.uk/downloads/2022TheatreProductivityDataSpecification_v2.1.xlsx</a></p>
exclude_from_poa	boolean	<p>**Optional - not derivable. Supply if available; otherwise, it defaults to null.</p>	<p>true if this session should not be displayed in front end applications designed to support Pre-Operative Assessment management</p>



column	type	notes	description
exclude_from_theatre_scheduling	boolean	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	true if the session should not be displayed in front end applications designed to support theatre management
actual_utilisation_status	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Red, Green, Yellow, Orange, Pink, Teal, Blue, Grey, null] Severity**: WARN	Used to specify colour rendering for the actual_utilisation value in frontend applications. Default values (> 1.0 Blue
actual_utilised_minutes	int	**Optional - derivable. Please do not provide this unless you require	Actual session utilisation duration
adjusted_booked_utilisation	double	**Optional - derivable. Please do not provide this unless you require	Adjusted booked utilisation percentage, defined as (time booked / time available taking into account turnaround time between patients)
adjusted_booked_utilisation_status	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Red, Green, Yellow, Orange, Pink, Teal, Blue, Grey, null] Severity**: WARN	Used to specify colour rendering for the adjusted_booked_utilisation value in front-end applications. Default values (> 1.0 Blue
adjusted_duration_minutes	int	**Optional - derivable. Please do not provide this unless you require	Used to derive adjusted_booked_utilisationby dividing by planned_session_time
am_pm	string	**Optional - derivable. Please do not provide this unless you require	Session duration block (AM/PM/AD)
anaesthetist_names	array	**Optional - derivable. Please do not provide this unless you require	Array of all names for anaesthetists assigned to the session. This column uses the name field from the care-professional table, linked on anaesthetist_ids
anaesthetist_required	boolean	**Optional - derivable. Please do not provide this unless you require	true if an anaesthetist is required for the session
booked_minutes	int	**Optional - derivable. Please do not provide this unless you require	Minutes within the session allocated to booked patients
booked_utilisation	double	**Optional - derivable. Please do not provide this unless you require	Booked utilisation ratio, defined as (minutes booked / total minutes available)

column	type	notes	description
booked_utilisation_status	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Red, Green, Yellow, Orange, Pink, Teal, Blue, Grey, null] Severity**: WARN	Used to specify colour rendering for the booked_utilisation value in frontend applications. Default values (> 1.0 Blue
cancelled	boolean	**Optional - derivable. Please do not provide this unless you require	true if the status field has the value "Cancelled"
consultant_ids	array	**Optional - derivable. Please do not provide this unless you require	Array of all IDs for consultants assigned to the session
consultant_leave_status	string	**Optional - derivable. Please do not provide this unless you require	Annual leave status of the primary consultant on the session
consultant_unavailability_reason	string	**Optional - derivable. Please do not provide this unless you require	Reason/type of leave if the primary consultant is on leave, otherwise null
consultant_unavailable	boolean	**Optional - derivable. Please do not provide this unless you require	true if the primary consultant assigned to the session has an annual leave event during the session
count_of_bookings	bigint	**Optional - derivable. Please do not provide this unless you require	Count of booked patients, not including bookings with a status of Cancelled or Rescheduled
date	date	**Optional - derivable. Please do not provide this unless you require	Date of theatre session: <a href="https://www.datadictionary.nhs.uk/attributes/session_date.html">https://www.datadictionary.nhs.uk/attributes/session_date.html</a>
day_of_week	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, null] Severity**: WARN	Day of the week of the theatre session
double_booked_consultant	boolean	**Optional - derivable. Please do not provide this unless you require	true if the primary consultant is double booked. This can be derived by counting the number of sessions for each consultant during the same timeslot
double_booked_theatre	boolean	**Optional - derivable. Please do not provide this unless you require	true if the theatre is double booked. This can be derived by counting the number of sessions in each theatre during the same timeslot
duration_minutes	int	**Optional - derivable. Please do not provide this unless you require	Theatre session length in minutes

column	type	notes	description
mnemonic	string	**Optional - derivable. Please do not provide this unless you require	Theatre session mnemonic (abbreviation used by the planned care team to identify the slot). This can be a custom value for each trust
mnemonic_short	string	**Optional - derivable. Please do not provide this unless you require	Shortened slot mnemonic
planned_duration_minutes	int	**Optional - derivable. Please do not provide this unless you require	Theatre session planned length in minutes
primary_anaesthetist_name	string	**Optional - derivable. Please do not provide this unless you require	Name of the primary anaesthetist allocated to the theatre session. This column uses the name field from the care-professional table, linked on primary_anaesthetist_id
primary_consultant_name	string	**Optional - derivable. Please do not provide this unless you require	Name of the primary surgeon allocated to the theatre session. This column uses the name value from the care-professional table, linked on primary_consultant_id
short_display_name	string	**Optional - derivable. Please do not provide this unless you require	Contains concatenation of anaesthetic type, utilisation and primary consultant name
site	string	**Optional - derivable. Please do not provide this unless you require	Hospital site where the operating theatre is located. This column uses the name field from the site table, linked on site_id
sort_key	string	**Optional - derivable. Please do not provide this unless you require	concatination of properties that can be used to customize the sorting of sessions in frontend applications
specialty_name	string	**Optional - derivable. Please do not provide this unless you require	Name of the specialty assigned to the session. This column uses the specialty_name field from the specialty table, linked on specialty_id
unbooked_minutes	int	**Optional - derivable. Please do not provide this unless you require	Minutes within the session that are unallocated
unbooked_minutes_status	string	<b>Optional - derivable. Please do not provide this unless you require</b> Values: [Red, Yellow, Green, Grey, null] Severity**: WARN	Used to specify which colour the unbooked_minutes value is displayed as in the front-end. Default values (< 0 Blue
week_delta	int	**Optional - derivable. Please do not provide this unless you require	Number of weeks difference from date to the current week (negative if date is in the past)

column	type	notes	description
week_delta_string	string	**Optional - derivable. Please do not provide this unless you require	Textual description of the week delta (e.g. Week 10)
week_delta_string_details	string	**Optional - derivable. Please do not provide this unless you require	Textual description of the week delta with date (e.g. Week 10: 01-01-2022)
anaesthetic_types	array		Contains the concatenation of which type of anaesthetics used in the session
booking_cancellations_on_the_day_count	int		The total number of booking cancellations for this session on the day or the day before
booking_cancellations_total_count	int		The total number of booking cancellations for this session
consultant_names	array		Array of all names for consultants assigned to the session. This column uses the name field from the care-professional table, linked on consultant_ids
count_beds_required	bigint		Count of the (post-op) beds required for bookings in the theatre session. Derived from the intended management of the bookings. Does not take into account bookings with a status of Cancelled or Rescheduled
count_critical_care_beds_required	bigint		Count of the critical care beds required for bookings in the theatre session. Does not take into account bookings with a status of Cancelled or Rescheduled
day_of_week_index	int		Index of the day of the week of the theatre session where Monday is 1
day_of_week_ordered	string		Day of the week of the theatre session prepended with the index for ordering, e.g., where Monday is 1 - Monday
planned_session_minutes	int		Minutes within the session allocated to booked patients, prior to the day of the session
planned_session_utilisation	double		Planned utilisation ratio, defined as (planned session minutes / total minutes available)
stretched_end_time	timestamp		Planned end time mapping for calendar module

column	type	notes	description
stretched_start_time	timestamp		Planned start time mapping for calendar module

# [CDM] Theatre Session Comment

Full table name: ccs-theatre-session-comment

Primary Key: comment\_id

Description: Comments on theatre sessions.

column	type	notes	description
comment_id	string	Primary Key: comment_id	ID of the comment
comment_text	string		String text of comment
comment_timestamp	timestamp		Timestamp at creation of comment
comment_user	string		Multipass user id of user creating comment
reason	string		Reason why comment was left
status	string		Status of the comment
tags	array		Tags on the comment
theatre-session-id	string	Foreign Key: theatre-session.theatre_session_id	ID of the theatre session

# [CDM] Trust Setting

Full table name: trust-setting

Primary Key: trust\_setting\_id

Description: Trust specific settings for FDP products.

column	type	notes	description
trust_setting_id	string	Primary Key: trust_setting_id	The unique identifier for the trust setting.
name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The name of the trust setting.
updated_by	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The identifier of the user who last updated the trust setting.
updated_timestamp	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The timestamp indicating when the trust setting was last updated.
value	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The value associated with the trust setting.

## [CDM] UEC Attendance

**Full table name:** uec\_attendance

**Primary Key:** uec\_attendance\_id

**Description:** A visit to a UEC site such as an emergency department, SDEC, or UTC.

[https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/emergency\\_care\\_attendance.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/emergency_care_attendance.html)

column	type	notes	description
acuity_snomed_ct_code	string		A measure of the severity of the patient's condition and the urgency with which they need to be seen and assessed by a qualified clinician. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_acuity__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_acuity__snomed_ct_.html</a>
ambulance_call_id	string		A unique identifier for each Ambulance Call. <a href="https://www.datadictionary.nhs.uk/attributes/ambulance_call_identifier.html">https://www.datadictionary.nhs.uk/attributes/ambulance_call_identifier.html</a>
ambulance_incident_id	string		A unique identifier to each Ambulance Incident associated with the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/care_contact_identifier__ambulance_service_.html">https://www.datadictionary.nhs.uk/data_elements/care_contact_identifier__ambulance_service_.html</a>
arrival_mode_snomed_ct_code	string		The transport mode by which the patient arrived at the UEC site. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_arrival_mode__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_arrival_mode__snomed_ct_.html</a>
arrival_timestamp	timestamp		The timestamp the patient arrived at the UEC site. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_activity_start_date_and_time.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_activity_start_date_and_time.html</a>
attendance_source_site_ods_code	string		The site from which the patient arrived at the UEC site. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier__emergency_care_attendance_source_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier__emergency_care_attendance_source_.html</a>



column	type	notes	description
attendance_source_snomed_ct_code	string		The source of the attendance to the UEC site. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_attendance_source__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_attendance_source__snomed_ct_.html</a>
chief_complaint_snomed_ct_code	string		The patient's chief complaint as assessed by the care professional first assessing the patient in ED. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_chief_complaint__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_chief_complaint__snomed_ct_.html</a>
clinically_ready_to_proceed_timestamp	timestamp		The first timestamp that the care professional authorised to discharge the patient from ED makes a clinical decision that the patient no longer requires ongoing care in ED. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_clinically_ready_to_proceed_timestamp.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_clinically_ready_to_proceed_timestamp.html</a>
consultation_mechanism_code	string	Values: [01, 02, 11, 13, null] Severity: WARN	The main way in which the UEC attendance was conducted by the responsible care professional. <a href="https://www.datadictionary.nhs.uk/data_elements/consultation_mechanism__urgent_and_emergency_care_.html">https://www.datadictionary.nhs.uk/data_elements/consultation_mechanism__urgent_and_emergency_care_.html</a>
conveying_ambulance_trust_ods_code	string		The trust whose ambulance services conveyed the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_code__conveying_ambulance_trust_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_code__conveying_ambulance_trust_.html</a>
decision_to_admit_timestamp	timestamp		The timestamp a decision to admit was made. <a href="https://www.datadictionary.nhs.uk/data_elements/decided_to_admit_date_and_time.html">https://www.datadictionary.nhs.uk/data_elements/decided_to_admit_date_and_time.html</a>
departure_timestamp	timestamp		The timestamp the patient departed from the UEC site. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_activity_end_timestamp.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_activity_end_timestamp.html</a>

column	type	notes	description
discharge_destination_snomed_ct_code	string		The destination the patient was discharged to following the visit to ED. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_destination__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_destination__snomed_ct_.html</a>
discharge_follow_up_snomed_ct_code	string		The service to which the patient was referred for continuing care following the visit to the emergency department. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_follow_up__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_follow_up__snomed_ct_.html</a>
discharge_site_ods_code	string		The site to which the patient was discharged following the visit to ED. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_discharge_from_urgent_and_emergency_care_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_discharge_from_urgent_and_emergency_care_.html</a>
discharge_status_snomed_ct_code	string		Describes the status of the patient on discharge from ED. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_status__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_status__snomed_ct_.html</a>
ed_extended_care_episode_id	string		An identifier that uniquely identifies the extended care episode the attendance belongs to. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_extended_care_episode_identifier.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_extended_care_episode_identifier.html</a>
emergency_care_department_type_code	string	Values: [01, 02, 03, 04, 05, null] Severity: WARN	The type of emergency care department. <a href="https://www.datadictionary.nhs.uk/attributes/emergency_care_department_type_.html">https://www.datadictionary.nhs.uk/attributes/emergency_care_department_type_.html</a>
expected_treatment_allocation_timestamp	timestamp		The timestamp that an expected treatment timestamp was allocated to the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/emergency_care_treatment_allocation_timestamp.html">https://www.datadictionary.nhs.uk/data_elements/emergency_care_treatment_allocation_timestamp.html</a>

column	type	notes	description
expected_treatment_timestamp	timestamp		The timestamp the patient is expected to be treated. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/emergency_care_expected_date_and_timestamp_of_treatment.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/emergency_care_expected_date_and_timestamp_of_treatment.html</a>
has_discharge_information_been_given	boolean		An indication of whether a copy of a letter to the patient's GP has been given to the patient on discharge from ED. <a href="https://www.datadictionary.nhs.uk/attributes/urgent_and_emergency_care_discharge_information_given_indicator.html">https://www.datadictionary.nhs.uk/attributes/urgent_and_emergency_care_discharge_information_given_indicator.html</a>
healthcare_provider_ods_code	string		The organisation acting as the healthcare provider. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_code_code_of_provider_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_code_code_of_provider_.html</a>
initial_assessment_timestamp	timestamp		The timestamp the patient was first assessed in the UEC site. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/emergency_care_initial_assessment_date.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/emergency_care_initial_assessment_date.html</a>
patient_id	string	Foreign Key: patient.person_id	A foreign key to the [CDM] Patient object type.
safeguarding_concerns_snomed_codes	array		A list of concerns regarding the safeguarding of an adult or child. <a href="https://www.datadictionary.nhs.uk/data_elements/safeguarding_concern__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/safeguarding_concern__snomed_ct_.html</a>
seen_for_treatment_timestamp	timestamp		The timestamp that the patient was seen by a clinical decision maker to diagnose the problem and arrange or start definite treatment as necessary. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_timestamp_seen_for_treatment.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/urgent_and_emergency_care_timestamp_seen_for_treatment.html</a>
treatment_site_ods_code	string		The site the patient was treated at. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_treatment_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_treatment_.html</a>

column	type	notes	description
uec_attendance_external_id	string		The external identifier for the UEC attendance. This should not be used as a foreign key.
uec_attendance_id	string	<b>Primary Key:</b> uec_attendance_id	Primary key.
urgent_and_emergency_care_attendance_category_code	string	<b>Values:</b> [1, 2, 3, 4, null] <b>Severity:</b> WARN	Distinguishes between unplanned first attendances for new or worsening conditions, unplanned follow-ups within 7 days at the same or different services, and planned follow-ups within 7 days at the same service. <a href="https://www.datadictionary.nhs.uk/attributes/urgent_and_emergency_care_attendance_category.html">https://www.datadictionary.nhs.uk/attributes/urgent_and_emergency_care_attendance_category.html</a>
acuity	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A measure of the severity of the patient's condition and the urgency with which they need to be seen and assessed by a qualified clinician. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_acuity_snomed_ct.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_acuity_snomed_ct.html</a>
arrival_mode	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The transport mode by which the patient arrived at the UEC site. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_arrival_mode_snomed_ct.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_arrival_mode_snomed_ct.html</a>
attendance_source	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The source of the attendance to the UEC site. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_attendance_source_snomed_ct.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_attendance_source_snomed_ct.html</a>
attendance_source_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The site from which the patient arrived at the UEC site. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_emergency_care_attendance_source.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_emergency_care_attendance_source.html</a>
chief_complaint	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The patient's chief complaint as assessed by the care professional first assessing the patient in ED. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_chief_complaint_snomed_ct.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_chief_complaint_snomed_ct.html</a>

column	type	notes	description
consultation_mechanism_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The main way in which the UEC attendance was conducted by the responsible care professional.
conveying_ambulance_trust	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The trust whose ambulance services conveyed the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_code__conveying_ambulance_trust_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_code__conveying_ambulance_trust_.html</a>
discharge_destination	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The destination the patient was discharged to following the visit to ED. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_destination__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_destination__snomed_ct_.html</a>
discharge_follow_up	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The service to which the patient was referred for continuing care following the visit to the emergency department. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_follow_up__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_follow_up__snomed_ct_.html</a>
discharge_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The site to which the patient was discharged following the visit to ED. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier__discharge_from_urgent_and_emergency_care_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier__discharge_from_urgent_and_emergency_care_.html</a>
discharge_status	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Describes the status of the patient on discharge from ED. <a href="https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_status__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/urgent_and_emergency_care_discharge_status__snomed_ct_.html</a>
emergency_care_department_type_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The type of emergency care department.
healthcare_provider	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The organisation acting as the healthcare provider. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_code__code_of_provider_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_code__code_of_provider_.html</a>
safeguarding_concerns	array	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	A list of concerns regarding the safeguarding of an adult or child. <a href="https://www.datadictionary.nhs.uk/data_elements/safeguarding_concern__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/safeguarding_concern__snomed_ct_.html</a>

column	type	notes	description
treatment_site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The site the patient was treated at. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_treatment_.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_treatment_.html</a>
urgent_and_emergency_care_attendance_category_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Distinguishes between unplanned first attendances for new or worsening conditions, unplanned follow-ups within 7 days at the same or different services, and planned follow-ups within 7 days at the same service.
consultation_mechanism	string	**Optional - derivable. Please do not provide this unless you require	The main way in which the UEC attendance was conducted by the responsible care professional. <a href="https://www.datadictionary.nhs.uk/data_elements/consultation_mechanism_urgent_and_emergency_care_.html">https://www.datadictionary.nhs.uk/data_elements/consultation_mechanism_urgent_and_emergency_care_.html</a>
emergency_care_department_type	string	**Optional - derivable. Please do not provide this unless you require	The type of emergency care department. <a href="https://www.datadictionary.nhs.uk/attributes/emergency_care_department_type_.html">https://www.datadictionary.nhs.uk/attributes/emergency_care_department_type_.html</a>
urgent_and_emergency_care_attendance_category	string	**Optional - derivable. Please do not provide this unless you require	Distinguishes between unplanned first attendances for new or worsening conditions, unplanned follow-ups within 7 days at the same or different services, and planned follow-ups within 7 days at the same service. <a href="https://www.datadictionary.nhs.uk/attributes/urgent_and_emergency_care_attendance_category.html">https://www.datadictionary.nhs.uk/attributes/urgent_and_emergency_care_attendance_category.html</a>

## [CDM] UEC Referral

Full table name: uec\_referral

Primary Key: uec\_referral\_id

Description: A referral from UEC to a service.

column	type	notes	description
patient_id	string	Foreign Key: patient.person_id	Foreign key to the patient being referred.
referral_timestamp	timestamp		The timestamp the referral was created. <a href="https://www.datadictionary.nhs.uk/data_elements/activity_service_request_date_emergency_care_.html">https://www.datadictionary.nhs.uk/data_elements/activity_service_request_date_emergency_care_.html</a>
referred_to_service_assessment_timestamp	timestamp		The timestamp the service the patient has been referred to assesses the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/referred_to_service_assessment_timestamp.html">https://www.datadictionary.nhs.uk/data_elements/referred_to_service_assessment_timestamp.html</a>
referred_to_service_snomed_ct_code	string		The service to which the patient was referred for admission or opinion by the treating care professional. <a href="https://www.datadictionary.nhs.uk/data_elements/referred_to_service__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/referred_to_service__snomed_ct_.html</a>
uec_attendance_id	string	Foreign Key: uec_attendance.uec_attendance_id	Foreign key to the UEC attendance in which the referral was created.
uec_referral_id	string	Primary Key: uec_referral_id	Primary key.
referred_to_service	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The service to which the patient was referred for admission or opinion by the treating care professional. <a href="https://www.datadictionary.nhs.uk/data_elements/referred_to_service__snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/referred_to_service__snomed_ct_.html</a>

# [CDM] URL

Full table name: ccs-url-link

Primary Key: url\_id

Description: Trust configuration data: allowed URL link values which can be referenced in front-end applications

column	type	notes	description
ur_locator	string		URL
url_id	string	Primary Key: url_id	ID
display_name	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Display name for the URL to be shown as a button or link title for customisable urls
module_relevance	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The module this URL is applicable to. E.g. "cancer", "inpatient", "outpatient"
updated_at	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Timestamp of the most recent update
updated_by	timestamp	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The user who made the last update



# [CDM] User Preference

Full table name: ccs-user-preferences

Primary Key: user\_id

Description: User preferences dataset

column	type	notes	description
cancer_pathway_tags	array		List of pathway tags that the users have selected as default filters
cancer_pathway_types	array		List of pathway types that the users have selected as default filters
cancer_sites	array		List of cancer sites that the users have selected as default filters
default_consultants	array		consultant
default_role	string		Default user role
default_sites	array		site
default_specialties	array		Foregin key: specialty
notification_channels	array		notification channel
receive_changelog_request_notifications	boolean		Opt in to receive changelog request notifications
receive_scheduling_notifications	boolean		Opt in to receive scheduling notifications
receive_scheduling_update_notifications	boolean		Opt in to receive notifications when an update is made to a scheduling request the user has created
receive_theatre_management_notifications	boolean		Opt in to receive scheduling notifications
user_id	string	Primary Key: user_id	multipass user id

# [CDM] Validated Change Log Comment

Full table name: ccs-validated-changelog-comment

Primary Key: comment\_id

Description: Comments on validated changelogs.

column	type	notes	description
change_log_id	string		ID of the validated changelog
comment_id	string	Primary Key: comment_id	ID of the comment
comment_markdown	string		Markdown version of free text comment
comment_text	string		String text of comment
comment_timestamp	timestamp		Timestamp at creation of comment
comment_user	string		Multipass user id of user creating comment
task_action	string		Action taken when creating comment

## [CDM] Validated Changelog

**Full table name:** ccs-validated-changelog

**Primary Key:** change\_log\_id

**Description:** Validated changelog requests

column	type	notes	description
action_type	string		Required action (close encounter, modify encounter)
assigned_team_id	string		ID of the team assigned to this task
assigned_team_name	string		Name of assigned team of this task
assigned_user_group	string		Assigned user group for change request
assigned_user_ids	array		IDs of users assigned to this task
assigned_user_names	array		Names of users assigned to this task
change_log_id	string	<b>Primary Key:</b> change_log_id	ID
closed_at	timestamp		Timestamp when this task was closed
closed_by	string		User who closed this task
comment_user	string		Comments left by multipass user id
comments	string		Comments
days_open	int		Days since change request made
description	string		Change request reason (e.g. incorrect entry)
eal_id	string	<b>Foreign Key:</b> eal-entry.eal_id	Eal entry
encounter_id	string	<b>Foreign Key:</b> encounters.encounter_id	Enconter
external_id	string		External id of encounter
free_text_comments	string		Comments from user creating change request
last_refreshed	timestamp		Timestamp dataset last refreshed
mrn	string		Patient MRN
new_value	string		New value of property to modify
patient_id	string	<b>Foreign Key:</b> patient.person_id	Patient
patient_name	string		Patient name
pre_resolved	boolean		Pre resolved (if completed by DQ team)

column	type	notes	description
primary_consultant_id	string	Foreign Key: care-professional.care_professional_id	Encounter primary consultant
primary_consultant_name	string		Encounter primary consultant name
priority	string		Current encounter priority
property_to_modify	string		Property to change in encounter (if change request type is modify)
rcs_clinical_harm_review	string		Clinical harm review (if change to priority)
removal_date	date		Date encounter closed
requested_by	string		multipass user id of user requesting change
required_action	string		User formatted action
resolved	boolean		Change request has been resolved
specialty_id	string	Foreign Key: specialty.specialty_id	Specialty
specialty_name	string		Encounter specialty
status	string		Change request status (Open, Resolved, Validated)
status_updated_by_user	string		Status updated by multipass user-id
status_updated_timestamp	timestamp		Status updated timestamp
task_due_date	date		Due date for this task
task_priority	string		High, Medium, or Low
task_type	string		Task type - this will always be 'Inpatient Change Request'
timestamp	timestamp		Timestamp change request created
title	string		Change request title, Required action: eal_id
unresolved_encounter_id	string	Foreign Key: encounters.encounter_id	Encounter id for unresolved change request, otherwise null
validated	string		Validated against PAS (e.g. Not updated in PAS)
ward	string		Name of the ward the patient is, or was, staying in, (NULL if patient was never in a ward)

## [CDM] Ward

Full table name: ward

Primary Key: ward\_id

Description: A group of Hospital Beds with associated treatment facilities managed as a single unit for the purposes of staffing and treatment responsibilities.

<https://www.datadictionary.nhs.uk/classes/ward.html>

column	type	notes	description
site_ods_code	string		The site the ward belongs to. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_ward.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_ward.html</a>
ward_code	string		A unique identifier for the ward within the trust. <a href="https://www.datadictionary.nhs.uk/attributes/ward_code.html">https://www.datadictionary.nhs.uk/attributes/ward_code.html</a>
ward_id	string	Primary Key: ward_id	Primary key.
ward_intended_age_group_code	string		The age group of patients intended to use the ward, as indicated in the ward operational plan. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_age_group.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_age_group.html</a>
ward_intended_clinical_care_intensity_code	string		The level of resources and intensity of care which is intended to be provided by the ward. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_clinical_care_intensity.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_clinical_care_intensity.html</a>
ward_intended_day_period_availability_days	int		The number of day periods in a week that it is intended the ward should be available, as indicated in the ward operational plan. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_day_period_availability.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_day_period_availability.html</a>
ward_intended_night_period_availability_days	int		The number of night periods in a week that it is intended the ward should be available, as indicated in the ward operational plan. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_night_period_availability.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_night_period_availability.html</a>

column	type	notes	description
ward_intended_sex_of_patients_code	string		The sex of patients intended to use the ward, as indicated in the ward operational plan. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_sex_of_patients.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_sex_of_patients.html</a>
ward_security_level_code	string		The security level of the ward. <a href="https://www.datadictionary.nhs.uk/attributes/ward_security_level.html">https://www.datadictionary.nhs.uk/attributes/ward_security_level.html</a>
site	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The site the ward belongs to. <a href="https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_ward.html">https://www.datadictionary.nhs.uk/data_elements/organisation_site_identifier_of_ward.html</a>
ward_intended_age_group_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The age group of patients intended to use the ward, as indicated in the ward operational plan.
ward_intended_clinical_care_intensity_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The level of resources and intensity of care which is intended to be provided by the ward.
ward_intended_sex_of_patients_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The sex of patients intended to use the ward, as indicated in the ward operational plan.
ward_security_level_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The security level of the ward.
ward_intended_age_group	string	**Optional - derivable. Please do not provide this unless you require	The age group of patients intended to use the ward, as indicated in the ward operational plan. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_age_group.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_age_group.html</a>
ward_intended_sex_of_patients	string	**Optional - derivable. Please do not provide this unless you require	The sex of patients intended to use the ward, as indicated in the ward operational plan. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_sex_of_patients.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_sex_of_patients.html</a>
ward_security_level	string	**Optional - derivable. Please do not provide this unless you require	The security level of the ward. <a href="https://www.datadictionary.nhs.uk/attributes/ward_security_level.html">https://www.datadictionary.nhs.uk/attributes/ward_security_level.html</a>

column	type	notes	description
ward_intended_clinical_care_intensity	string		The level of resources and intensity of care which is intended to be provided by the ward. <a href="https://www.datadictionary.nhs.uk/attributes/ward_intended_clinical_care_intensity.html">https://www.datadictionary.nhs.uk/attributes/ward_intended_clinical_care_intensity.html</a>

## [CDM] Ward Stay

**Full table name:** ward\_stay

**Primary Key:** ward\_stay\_id

**Description:** A period of time when a patient is using a hospital bed and/or using a delivery facility, stays in a ward.

[https://www.datadictionary.nhs.uk/nhs\\_business\\_definitions/ward\\_stay.html](https://www.datadictionary.nhs.uk/nhs_business_definitions/ward_stay.html)

column	type	notes	description
admission_id	string	<b>Foreign Key:</b> admission.admission_id	A foreign key to the admission this ward stay belongs to.
end_timestamp	timestamp		The timestamp the patient ended staying in the ward. <a href="https://www.datadictionary.nhs.uk/data_elements/end_date__ward_stay_.html">https://www.datadictionary.nhs.uk/data_elements/end_date__ward_stay_.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	A foreign key to the patient staying in the ward.
start_timestamp	timestamp		The timestamp the patient started staying in the ward. <a href="https://www.datadictionary.nhs.uk/data_elements/start_date__ward_stay_.html">https://www.datadictionary.nhs.uk/data_elements/start_date__ward_stay_.html</a>
ward_id	string	<b>Foreign Key:</b> ward.ward_id	A foreign key to the ward the patient is staying in.
ward_stay_id	string	<b>Primary Key:</b> ward_stay_id	Primary key.



## [CDM] eMED3 Fit Note

**Full table name:** emed3\_fit\_note

**Primary Key:** emed3\_fit\_note\_id

**Description:** Enables healthcare professionals to give advice to their patients about the impact of their health conditions on their fitness for work. It is used to provide medical evidence for employers or to support a claim to health-related benefits through the Department for Work and Pensions. Also known as "The Statement of Fitness for Work" or "sick note". [https://www.datadictionary.nhs.uk/supporting\\_information/emed3\\_fit\\_note.html](https://www.datadictionary.nhs.uk/supporting_information/emed3_fit_note.html)

column	type	notes	description
admission_id	string	<b>Foreign Key:</b> admission.admission_id	Foreign key to the admission that issued the fit note.
appointment_id	string	<b>Foreign Key:</b> appointment.attendance_id	Foreign key to the appointment that issued the fit note.
assessment_date	date		The date on which the patient was assessed as requiring the fit note. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/emed3_fit_note_assessment_date.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/emed3_fit_note_assessment_date.html</a>
condition_icd_10_code	string		The reason that the care professional issued the fit note for the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_diagnosis_icd_.html">https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_diagnosis_icd_.html</a>
condition_snomed_ct_code	string		The reason that the care professional issued the fit note for the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_condition_snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_condition_snomed_ct_.html</a>
emed3_fit_note_id	string	<b>Primary Key:</b> emed3_fit_note_id	Primary key.
emed3_fit_note_issuer_code	string	<b>Values:</b> [01, 02, 03, 04, 05, null] <b>Severity:</b> WARN	The type of care professional responsible for issuing the fit note. <a href="https://www.datadictionary.nhs.uk/attributes/emed3_fit_note_issuer.html">https://www.datadictionary.nhs.uk/attributes/emed3_fit_note_issuer.html</a>
end_date	date		The date that the fit note applicable period ended. <a href="https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_end_date.html">https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_end_date.html</a>

column	type	notes	description
is_follow_up_assessment_required	boolean		An indication of whether a follow-up assessment is required at the end of the fit note applicable period. <a href="https://www.datadictionary.nhs.uk/attributes/emed3_fit_note_follow_up_assessment_required_indicator.html">https://www.datadictionary.nhs.uk/attributes/emed3_fit_note_follow_up_assessment_required_indicator.html</a>
patient_id	string	<b>Foreign Key:</b> patient.person_id	Foreign key to the Patient.
recorded_date	date		The date on which a record of the fit note was recorded on the EHR. <a href="https://www.datadictionary.nhs.uk/nhs_business_definitions/emed3_fit_note_recorded_date.html">https://www.datadictionary.nhs.uk/nhs_business_definitions/emed3_fit_note_recorded_date.html</a>
start_date	date		The date that the fit note applicable period commenced. <a href="https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_start_date.html">https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_start_date.html</a>
uec_attendance_id	string	<b>Foreign Key:</b> uec_attendance.uec_attendance_id	Foreign key to the UEC Attendance that issued the fit note.
condition	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	The reason that the care professional issued the fit note for the patient. <a href="https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_condition_snomed_ct_.html">https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_condition_snomed_ct_.html</a>
emed3_fit_note_issuer_local_code	string	**Optional - not derivable. Supply if available; otherwise, it defaults to null.	Emed3 Fit Note Issuer.
emed3_fit_note_issuer	string	**Optional - derivable. Please do not provide this unless you require	The type of care professional responsible for issuing the fit note. <a href="https://www.datadictionary.nhs.uk/attributes/emed3_fit_note_issuer.html">https://www.datadictionary.nhs.uk/attributes/emed3_fit_note_issuer.html</a>
applicable_period_duration_days	int		The number of days for which the fit note is applicable. This is the period of time from when the fit note has been issued, until the fit note end date. <a href="https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_duration.html">https://www.datadictionary.nhs.uk/data_elements/emed3_fit_note_duration.html</a>