

Category	Category detail	Item Name	NNRD Field ID	NNRD Coding/allowed values	Format/Length NDS	Description	Purpose
NNUEpisodes	Demographics and Birth Information (Baby)	National identification baby	NationalIDBabyAnon	England & Wales – NHS Number format ENCRYPTED	n10	Baby's unique national identifier in a neonatal episode encrypted using MD5.	Used to identify infant
NNUEpisodes	Demographics and Birth Information (Baby)	Month of birth	BirthMonth	Derived month 1 - 12	n2	Calendar month derived from the date and time variable. Date and time variable is identified by prefix to month in the Field ID.	Used in instances where identifiable data is not sent.
NNUEpisodes	Demographics and Birth Information (Baby)	Year of birth	BirthYear	Derived year	n4	Derived from the date and time variable. Date and time variable is identified by prefix to year in the Field ID.	Used in instances where identifiable data is not sent.
NNUEpisodes	Demographics and Birth Information (Baby)	Place of Birth NHS Code (Location of baby's birth)	POBNHSCode/POBLevel/POBName/POBODN/POBNetwork	Four variables are related to PoB NHS Code including name and level of hospital and network name and ODN name	an20	Place at which the birth took place as recorded.	Used to conduct data analysis on the organisation.
NNUEpisodes	Demographics and Birth Information (Baby)	Birth weight (g)	Birthweight	Accepted range is between 001-9998 grams.. 9999 Unknown	n4	Birth weight at the time of delivery in grams	Used to identify risk factor on admission to neonatal care.
NNUEpisodes	Demographics and Birth Information (Baby)	Birth length (cm)	Birthlength	99.9 Unknown	nn.n	Length measured just after birth.	Used to assess growth development.
NNUEpisodes	Demographics and Birth Information (Baby)	Birth head circumference	BirthHeadCircumference	99.9 Unknown	nn.n	Occipito-frontal circumference (OFC) measured at birth. In cms to one decimal place.	Used to monitor outcomes according to head circumference
NNUEpisodes	Demographics and Birth Information (Baby)	Gestation age in weeks	GestationWeeks	10 to 49	n2	The best obstetric estimate at the time of delivery in weeks. This will normally be based on the postmenstrual age but, if appropriate, may be modified on the basis of antenatal ultrasound. Where gestation at delivery is not known, this is based on the postnatal estimate of maturity	Used to identify risk factor on admission to neonatal care.
NNUEpisodes	Demographics and Birth Information (Baby)	Gestation age days	GestationDays	0-6 9 Unknown	n	Specify, if known, the number of days between whole weeks in the gestation period.	Used to identify risk factor on admission to neonatal care.
NNUEpisodes	Demographics and Birth Information (Baby)	Sex of the baby (phenotypic)	Gender	0 - Unknown 1 - Male 2 - Female 9 - Not specified	n1	The sex of the baby. 'Not known' is an option if information is missing or not recorded. 'Not specified' is an option for instances where the sex cannot be determined at birth. This option can be changed later if the chromosomal sex of the baby has been determined as follows: Male (XY) or Female (XX) or remain 'Not specified' if the genotypic sex is not defined as XX/XY or is still not known.	Used to aggregate by sex.
NNUEpisodes	Parents	Birth year mother	BirthYearMother	Year of Date	n4	The calendar year of mother's birth from the mother's date of birth.	Used to derive ages for comparison
NNUEpisodes	Antenatal (Pregnancy Details)	Intended place of delivery NHS code	BookingNHSCode	xxxxx - NHS organisational code ZZ201 - Home (mother booked for home delivery) ZZ888 - Other non NHS location ZZ203 - Unknown location ZZ404 - Unbooked	an9	Place at which mother was first booked for her confinement. The first intended place of delivery by the healthcare professional in consultation with the woman.	Used to aggregate by geographical area
NNUEpisodes	Labour & Delivery	Birth order	BirthOrder	NN UU Unknown	n2	The numbered order in which babies are delivered in a multiple pregnancy independent of 'numbering' before delivery.	Used to monitor outcomes comparing singleton and multiple pregnancies
NNUEpisodes	Labour & Delivery	Fetus total	FetusNumber	99 Unknown	n2	Total number of foetuses noted at any time in the pregnancy which resulted in delivery of a live or still born baby. This excludes foetus papyraceous and foetuses reabsorbed in utero and not delivered.	Used to monitor outcomes comparing singleton and multiple pregnancies
NNUEpisodes	Antenatal (Pregnancy Details)	Were steroids given during pregnancy?	SteroidsAntenatalGiven	1 - yes 0 - no 9 - Unknown	an1	Administration of any dose of steroid to mother (dexamethasone or betamethasone), at any time during pregnancy, with the intention of maturing foetal lungs.	Used to compare outcomes for babies
NNUEpisodes	Antenatal (Pregnancy Details)	Number of antenatal steroid courses given	SteroidsAntenatalCourses	0 - None: No steroids given during pregnancy. 1 - Complete: A full course of steroids at any time during pregnancy with the intention of maturing the fetal lungs. 2 - Incomplete: At least one injection of steroids given at any time during pregnancy with the intention of maturing the fetal lungs. 9 - Unknown	n1	A complete course of steroids is defined by the RCOG guideline as two 12mg doses of betamethasone, given intramuscularly, 24 hours apart. Some units may use another regimen, including a different steroid. A complete course is one which complies with the local protocol. The time between the course of steroids and delivery of the baby does not matter. Enter the course as complete if the mother received the requisite course of steroids at any time, or in any unit, during the pregnancy. An incomplete course is where mother has received at least one injection of steroid but has not gone on to complete the course as defined by the local protocol.	Used to compare outcomes for babies
NNUEpisodes	Labour & Delivery	Medications administered during labour	DrugsInLabour	0 - None 10 - Gas and air 11 - Opiates 12 - Epidural 13 - Spinal 14 - General anaesthetic 15 - Ritonidine 16 - Indomethacin 17 - Antibiotics 18 - Antihypertensives 19 - Syntocinon 20 - Steroids 21 - Cyclizine 22 - Ranitidine 88 - Other	n18	List of drugs given to mother during labour.	Used to compare outcomes according to methods employed to induce labour
NNUEpisodes	Labour & Delivery	Mode of delivery	ModeOfDelivery	1 - Emergency caesarean section - not in labour 2 - Emergency caesarean section - in labour 3 - Elective section - not in labour 4 - Elective section - in labour 5 - Vaginal - forceps assisted 6 - Vaginal- spontaneous 7 - Vaginal - ventouse assisted 9 - Unknown	an1	Specify the mode of delivery.	Used to compare outcomes and variance in practice
NNUEpisodes	Labour & Delivery	Mother's labour status at time of caesarean	ModeOfDelivery	Same as ModeofDelivery	n1	An indication of whether the mother had established labour onset before delivery of the baby by caesarean section. If the mode of delivery is caesarean then this item is required.	Used to compare outcomes and variance in practice
NNUEpisodes	Labour & Delivery	Mother's mode of delivery instrument	ModeOfDelivery	Same as ModeofDelivery	an1	Specify the instrument used during delivery of the infant.	Used to monitor delays in delivery and outcomes for mothers and babies

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NNUEpisodes	Labour & Delivery	APGAR at 1 minute	apgar_1min	0-10 Apgar score 99 Unknown	n2	Apgar score at 1 minute of age as determined by immediate examination of the baby following delivery for Appearance, Pulse, Grimace, Activity, and Respiration. Each of these five criteria is scored between a 0 and 2, with each score contributing to a cumulative total from 0 to 10.	Used to monitor neonatal outcomes
NNUEpisodes	Labour & Delivery	APGAR at 5 minutes	apgar_5min	0-10 Apgar score 99 Unknown	n2	Apgar score at 5 minute of age as determined by immediate examination of the baby following delivery for Appearance, Pulse, Grimace, Activity, and Respiration. Each of these five criteria is scored between a 0 and 2, with each score contributing to a cumulative total from 0 to 10.	Used to monitor neonatal outcomes
NNUEpisodes	Labour & Delivery	Methods of resuscitation	MethodsOfResuscitation	00 - None 10 - Stimulation 11 - Positioning managing airways 12 - Oxygen 13 - Suction 14 - Bag and mask IPPV 15 - Intubation 16 - Cardiac massage 17 - Adrenaline 18 - Tracheal suction for meconium 19 - Face Mask CPAP 88 - Other drugs 99 - Unknown	an3	Interventions used during resuscitation or stabilisation immediately after delivery of the baby.	Used to monitor neonatal outcomes
NNUEpisodes	Labour & Delivery	Drugs used during resuscitation	MethodsOfResuscitation	Same as MethodsOfResuscitation	n18	If medication was administered at resuscitation please select relevant medications.	Used to monitor neonatal outcomes
NNUEpisodes	Labour & Delivery	Was surfactant given during resuscitation?	SurfactantGivenResuscitation	0 - No 1 - Yes 9 - Unknown	an1	Surfactant given during resuscitation	Used to monitor neonatal outcomes
NNUEpisodes	Admission details	Admission: date and time - anonymised	AdmitTimeAnon	Derived (minutes)	an10	The anonymised version of the date and time variable derived by calculating the time difference, in minutes, between this date and time and the date and time of birth.	Associate ad hoc events
NNUEpisodes	Admission details	Admission: date and time - Month	AdmitMonth	Derived month 1 - 12	n2	Calendar month derived from the date and time variable. Date and time variable is identified by prefix to month in the Field ID.	Associate ad hoc events
NNUEpisodes	Admission details	Admission: date and time - Year	AdmissionYear	Derived year	n4	Derived from the date and time variable. Date and time variable is identified by prefix to year in the Field ID.	Associate ad hoc events
NNUEpisodes	Admission details	Hospital baby admitted to	ProviderCode/ProviderLevel/providerName/ProviderNetwork/ProviderODN	In addition to codes below for providercode, there are four associated variables for name, level, network and ODN of the provider hospital. ZZ201 - Not applicable (intended to deliver at home) ZZ888 - Not applicable (intended to deliver at non-NHS organisation) ZZ203 - Not known (intended place of delivery not known)	an20	This is the code for the hospital recording information on this patient. It is a code which identifies an organisation uniquely. For NHS organisations it is a code that is managed by the Corporate Data Administration section of the Department of Health to identify most organisations that exchange information within the NHS or return information to the Centre. Examples of organisations that can be identified this way are NHS Trusts and Health Authorities.	Used to ascribe outcomes
NNUEpisodes	Admission details	Admission: Reason for admit	ReasonForAdmit	10 - Medical intensive care 11 - Medical high dependency care 12 - Medical special care 13 - Surgical care 14 - Cardiac care 15 - Tertiary specialist investigation 16 - Back transfer for continuing medical intensive care 17 - Back transfer for continuing medical high dependency care 18 - Back transfer for continuing medical special care 19 - Social care 20 - Transitional care 88 - other 88 - Other Surgical 99 - Unknown	n2	Specify the type of clinical service the infant is being admitted/receiving including if the service is part of back transfer (returning to hospital from which an infant was transferred for care to location of the previous episode of care). Type of care is identified using British Association of Perinatal Medicine (www.BAPM.org) classification.	Used to analyse transfer of patients
NNUEpisodes	Discharge details	Discharge destination	DischargeDestination	1 - Home 2 - Ward 3 - Died 4 - Foster Care 10 - Transferred to another hospital for continuing care 11 - Transferred to another hospital for specialist care 12 - Transferred to another hospital for surgical care 13 - Transferred to another hospital for cardiac care 99 - Unknown	n2	The destination of the baby at discharge from this episode of care.	Used to compare outcomes for babies
NNUEpisodes	Discharge details	Discharge reason	Transfer Reason	1 - Clinical 2 - Non clinical 7 - Non transferred 9 - Unknown	an2	The destination of the baby at discharge from this episode of care. If the discharge destination is a transfer to another location then this item is required.	Used to compare outcomes for babies
NNUEpisodes	Discharge details	Discharge destination ward	DischargeDestinationWard	1 - Postnatal ward 2 - Transitional care 3 - Other neonatal unit 4 - PICU 8 - Other ward	an1	Specify the type or ward the baby will be discharged to.	Used to compare outcomes for babies, a National Neonatal Audit Programme filter
NNUEpisodes	Discharge details	Discharge hospital NHS code	DischargeHospitalNHSCode	xxxx - NHS organisational code ZZ888 - Other non NHS location ZZ203 - Unknown location 77777 - not applicable	an20	The hospital to which a baby is being transferred from this episode of care. Record if discharge reason is specified.	Used to compare outcomes for babies
NNUEpisodes	Discharge details	Date of death and time - anonymised	DischTimeAnon	In minutes from birth and where discharge is marked as death.	an10	The anonymised version of the date and time variable derived by calculating the time difference, in minutes, between this date and time and the date and time of birth.	Used in survival analyses and calculate anonymised dates
NNUEpisodes	Discharge details	Date of death and time - Month	DischTimeMonth	Derived month 1 - 12	n2	Calendar month derived from the date and time variable. Date and time variable is identified by prefix to month in the Field ID.	Used in survival analyses and calculate anonymised dates
NNUEpisodes	Discharge details	Date of death and time - Year	DischTimeYear	Derived year	n4	Derived from the date and time variable. Date and time variable is identified by prefix to year in the Field ID.	Used in survival analyses and calculate anonymised dates
NNUEpisodes	Discharge details	Discharge: Oxygen	DischargeOxygen	1 - yes 0 - no	n	Item specifies if the baby is receiving and is dependant on oxygen therapy on discharge home.	Used to compare outcomes for babies
NNUEpisodes	Discharge details	Clinical diagnoses at discharge	Name	ICD-10 or free text where EpisodePoint is 'At discharge'	an16/n18	Specify all the applicable diagnoses for this baby if not already recorded in the daily diagnoses.	Used to monitor infant care, evaluate health status and outcomes
NNUEpisodes	Discharge details	Procedures performed	SurgeryToday	ICD-10 or free text where EpisodePoint is 'At discharge'	an4/n18	Specify the procedures performed in this episode of neonatal care if not already recorded in the daily procedures.	Used to monitor infant care, evaluate health status and outcomes
Daily	General information	General Information: Date of day of care anonymised	DayDateAnon	Derived (minutes)	an10	The anonymised version of the date and time variable derived by calculating the time difference, in minutes, between this date and time and the date and time of birth.	Used in commissioning and to determine level of care
Daily	General information	General Information: Date of day of care - Month	DayDateMonth	Derived month 1 - 12	n2	Calendar month derived from the date and time variable. Date and time variable is identified by prefix to month in the Field ID.	Used in commissioning and to determine level of care
Daily	General information	General Information: Date of day of care- Year	DayDateYear	Derived year	n4	Derived from the date and time variable. Date and time variable is identified by prefix to year in the Field ID.	Used in commissioning and to determine level of care
Daily	General information	General Information: weight today	DayWorkingWeight	001-9998 g 9999 Unknown	n4	The weight, in grams, of the baby on this day of care.	Used to monitor developmental of infant
Daily	General information	General Information: Head circumference today	DayHeadCirc	99.9 Unknown	nn.n	Head circumference is in centimetres to one decimal.	Used to monitor developmental of infant
Daily	General information	General Information: Length today	DayLength	99.9 Unknown	nn.n	Length measured, in cm, on this day of care.	Used to monitor developmental of infant

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Daily	General information	General Information: Location of care	LocationofCare	NNU - Neonatal Unit TC - Transitional care PNW - Postnatal ward OBS - Other area	n2	This is the 'highest' location of care on this day.	Used in the National Neonatal Audit Programme
Daily	General information	General Information: Any surgical procedures	SurgeryToday	ICD-10	an4/n18	Surgical procedure on the date and time specified	Used to monitor health status, outcomes and calculate anonymised versions
Daily	Respiratory	Respiration: Respiratory support device	RespiratorySupport/VentilationMode	0 - No ventilation or CPAP 1 - Ventilation via endotracheal tube or tracheostomy 2 - Non invasive support (inc CPAP) / 1 - Conventional 2 - High frequency oscillation	n1	Type of respiratory support device any time during the 24 hour period (00.00-23.59)	Used to determine level of care
Daily	Respiratory	Respiration: Respiratory support mode	NonInvasiveRespiratoryS	1 - nasal CPAP (prong or mask) 2 - BIPAP / SIPAP 4 - High flow O2 / air device	n1	Mode of respiratory support via endotracheal tube. Conventional ventilation includes intermittent mandatory ventilation, synchronised intermittent mandatory ventilation, assist/control ventilation, pressure support ventilation, pressure targeted, volume targeted, hybrid.	Used to determine level of care
Daily	Respiratory	Respiration: Chest drain present	ChestDrain	0 - No 1 - Yes	an1	Specify if the baby has a chest drain present on this day of care.	Used to determine level of care
Daily	Respiratory	Respiration: Tracheostomy tube present	DayTracheostomyTube	0 - No 1 - Acute 2 - Chronic	an1	Specify if the baby has a tracheostomy tube insert present on this day of care.	Used to determine level of care
Daily	Respiratory	Respiration: Surfactant given today	DaySurfactantGiven	0 - No 1 - Yes	an1	Records if baby received any dose of surfactant in this day while in the neonatal unit. Surfactant given at delivery/resuscitation is a data item collected separately	Used to determine health status of infant
Daily	Cardiovascular	Cardiovascular: Treatment for patent ductus arteriosus (PDA)	TreatmentforPDA	0 - None 1 - Indometacin 2 - Ibuprofen 3 - Surgery	n	If baby has patent ductus arteriosus (PDA), specify treatment a baby has had for PDA on this day of care.	Used to determine level of care
Daily	Gastrointestinal	Gastrointestinal: Treatment for necrotising enterocolitis	NECTreatment	0 - None 1 - Conservative 2 - Surgical	n	Specify if a baby received NEC treatment on this day of care. This item can be derived from the surgical procedures item.	Used to determine level of care
Daily	Neurology	Neurology: Surgery for ventricular-peritoneal shunt	SurgeryVPShunt	0 - No 1 - Yes	n1	Derived item from Surgical Procedures Today; 'Yes' is if a VP shunt procedure is found in the field and 'No' if it hasn't.	Used to determine level of care
Daily	Ophthalmology	Retinopathy of Prematurity Surgery	ROPSurgery	0 - No 1 - Yes	n2	Derived item from Any Major Surgery Today; 'Yes' if an ROP surgical procedure is recorded and 'No' if not.	Used in the National Neonatal Audit Programme
Daily	Medication	Drugs given: Medications given on this day	DailyDrugs	Text	n18	Specify the exact medications the baby has received on this day of care.	Used for multiple purposes including National Neonatal Audit Programme, monitor outcomes, and derive items for level of care where
NNUAdhoc	Infection cultures	Date and time of culture sample taken anonymised	Rectime	Derived (minutes)	an10	The anonymised version of the data and time variable derived by calculating the time difference, in minutes, between this date and time and the date and time of birth.	Used in the National Neonatal Audit Programme
NNUAdhoc	Infection cultures	Date and time of culture sample taken - Month	rectimemonth	Derived month 1 - 12	n2	Calendar month derived from the date and time variable. Date and time variable is identified by prefix to month in the Field ID.	Used in the National Neonatal Audit Programme
NNUAdhoc	Infection cultures	Date and time of future sample taken - Year	rectimeyear	Derived year	n4	Derived from the date and time variable. Date and time variable is identified by prefix to year in the Field ID.	Used in the National Neonatal Audit Programme
NNUAdhoc	Infection cultures	Type of culture sample taken	SampleType	BLD- Blood CSF - Cerebral spinal fluid URINE - Urine Other	n	Specify the type of culture samples taken at the relevant date and time.	Used in the National Neonatal Audit Programme
NNUAdhoc	Infection cultures	Result of culture	PathogensForDBSYNC	Text	n18	Specify the culture results if there was growth or no growth by selecting the relevant options in the list of codes related to this item.	Used in the National Neonatal Audit Programme
NNUAdhoc	Abdominal x-rays	Was laparotomy for NEC required?	LaparotomyPerformed_NEC	y - Laparotomy required and was done n - Laparotomy not required sick - Laparotomy thought to be required but baby too sick to tolerate procedure	n	Specify if a laparotomy for NEC was required based on this abdominal x-ray.	Used to monitor health status and outcomes
NNUAdhoc	Abdominal x-rays	If laparotomy done, did visual inspection confirm NEC	VisualInspectionConfirmation_NE	No Yes	an1	Specify if a visual inspection confirmed NEC from a laparotomy carried out following this abdominal x-ray.	Used to monitor health status and outcomes
NNUAdhoc	Abdominal x-rays	Was NEC histology confirmed?	HistologyConfirmation_NE	No Yes	n	Specify if histology confirmed NEC based on the laparotomy carried out following this abdominal x-ray.	Used to monitor health status and outcomes
NNUAdhoc	Retinopathy of prematurity screening	Date and time of ROP test anonymised	rectime	Derived (minutes)	an10	The anonymised version of the data and time variable derived by calculating the time difference, in minutes, between this date and time and the date and time of birth.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	Date and time of ROP test - Month	rectimemonth	Derived month 1 - 12	n2	Calendar month derived from the date and time variable. Date and time variable is identified by prefix to month in the Field ID.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	Date and time of ROP test - Year	rectimeyear	Derived year	n4	Derived from the date and time variable. Date and time variable is identified by prefix to year in the Field ID.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	Hospital performing test	ProviderCode/ProviderLevel/providerName/ProviderNetwork/ProviderODN	Use organisation code & site code ZZ201 - Not applicable (intended to deliver at home) ZZ888 - Not applicable (intended to deliver at non-NHS organisation) ZZ203 - Not known (intended place of delivery not known)	an20	The code for the hospital that is recording the retinopathy of prematurity screening at this event in this episode of care.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	ROP stage - left eye	LeftEyeStage	0 - No ROP 1 - Stage 1 ROP 2 - Stage 2 ROP 3 - Stage 3 ROP 4 - Stage 4 ROP 5 - Stage 5 ROP A - Aggressive posterior ROP	an1	The ROP stage for the left eye at the relevant ROP screening.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	ROP stage - right eye	RightEyeStage	0 - No ROP 1 - Stage 1 ROP 2 - Stage 2 ROP 3 - Stage 3 ROP 4 - Stage 4 ROP 5 - Stage 5 ROP A - Aggressive posterior ROP	an1	The ROP stage for the right eye at the relevant ROP screening.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	ROP plus disease - left eye	LeftEyePlusDisease	0 - No plus disease 1 - Pre-plus disease 2 - Plus disease	n	The plus disease status of the left eye of the baby at the relevant ROP screening.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	ROP plus disease - right eye	RightEyePlusDisease	0 - No plus disease 1 - Pre-plus disease 2 - Plus disease	n	The plus disease status of the right eye of the baby at the relevant ROP screening.	Used in the National Neonatal Audit Programme
NNUAdhoc	Retinopathy of prematurity screening	ROP outcome	Outcome	0 - Discharged from follow up 1 - Follow up required 2 - Treatment needed 3 - Transferred for treatment	n	Specify the outcome of the relevant ROP screening.	Used in the National Neonatal Audit Programme

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NNUEpisodes	Discharge details	Discharge status at end of episode	DischargeStatus/FinalDischarge	1 - Home 2 - Ward 3 - Died 4 - Foster Care 10 - Transferred to another hospital for continuing care 11 - Transferred to another hospital for specialist care 12 - Transferred to another hospital for surgical care 13 - Transferred to another hospital for cardiac care 99 – Unknown		The destination of the baby at discharge from the neonatal unit at completion of THIS episode of care. Continuing care is where a baby is moved for ongoing care which is the same as in the referring hospital - examples are 'back transfers' or babies being transferred because parents have moved home Transfer for specialist care includes all babies moved for medical care that cannot be done in the referring hospital (for whatever reason). In most cases this will be for ongoing neonatal intensive care	