

National Perinatal Reporting System
(NPRS)

Data Dictionary 2015

Version 1.2

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Introduction

The National Perinatal Reporting System (NPRS) is the principal source of national data on perinatal events.¹ The Healthcare Pricing Office (HPO) oversees the administration and management of this scheme, including the development and support of the data collection, data quality, reporting and responding to requests for data.² Further information on the development of the NPRS system can be found in the NPRS annual report series.³

Information on every birth in the Republic of Ireland is submitted to the NPRS by trained hospital administrative staff and all practicing independent midwives. The information collected includes data on pregnancy outcomes (with particular reference to perinatal mortality and important aspects of perinatal care), as well as descriptive social and biological characteristics of mothers giving birth. The time frame to which the information relates is from 22 weeks gestation to the first week of life.

Birth Notification Form

All births are notified and registered on a standard four-part Birth Notification Form (BNF) which is completed where the birth takes place, either at the hospital or elsewhere by the attending midwife. Figure 1.1 details the information system around the birth notification system.

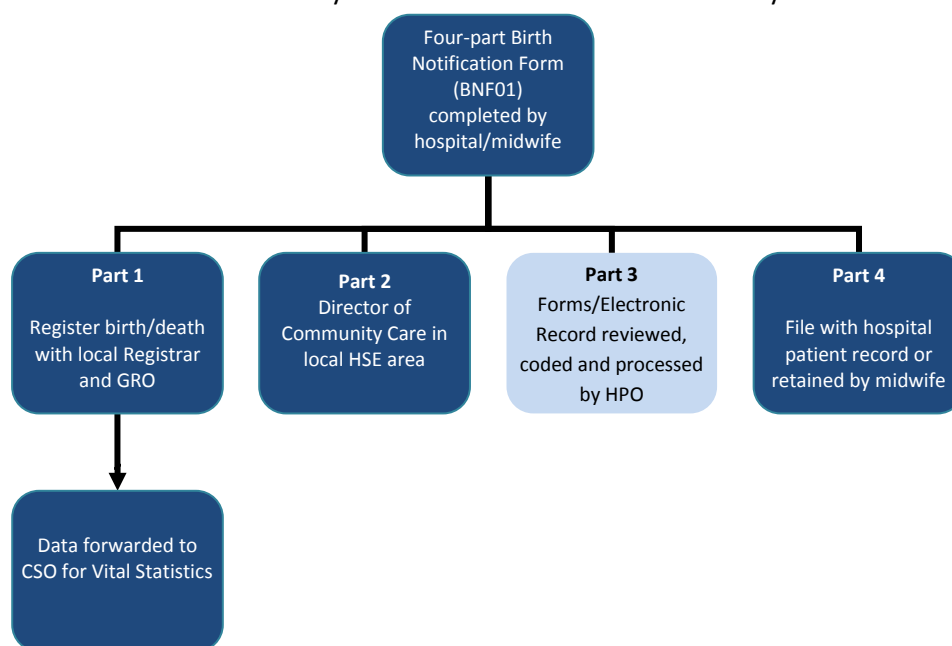


Figure 1.1: Four-part Birth Notification Form (BNF01)

¹ The National Perinatal Reporting System (NPRS) was established in the 1980's and managed in the Department of Health (DoH). Between 1999 and 2013 the Economic and Social Research Institute (ESRI) oversaw the administration and management of this system on behalf of the Health Service Executive (HSE) and the DoH. From January 1, 2014 the National Casemix Programme and the Health Research and Information Division at the ESRI became the Healthcare Pricing Office (HPO). This Office has responsibility for the NPRS system. While the HPO will initially be established on an administrative basis, in the HSE, it is planned that this Office will ultimately be established on a statutory basis. This development is in line with the proposals in the 'Money Follows the Patient' policy paper published by the Department of Health in February 2013.

² The HPO also has responsibility for the Hospital In-Patient Enquiry (HIPE) scheme.

³ NPRS Annual Reports can be found at www.hpo.ie

National Perinatal Reporting System

Part 3 of the birth notification from (BNF) is submitted to the NPRS Unit (see [Appendix I](#)), Figure 1.2 summarises the NPRS data collection and reporting process.

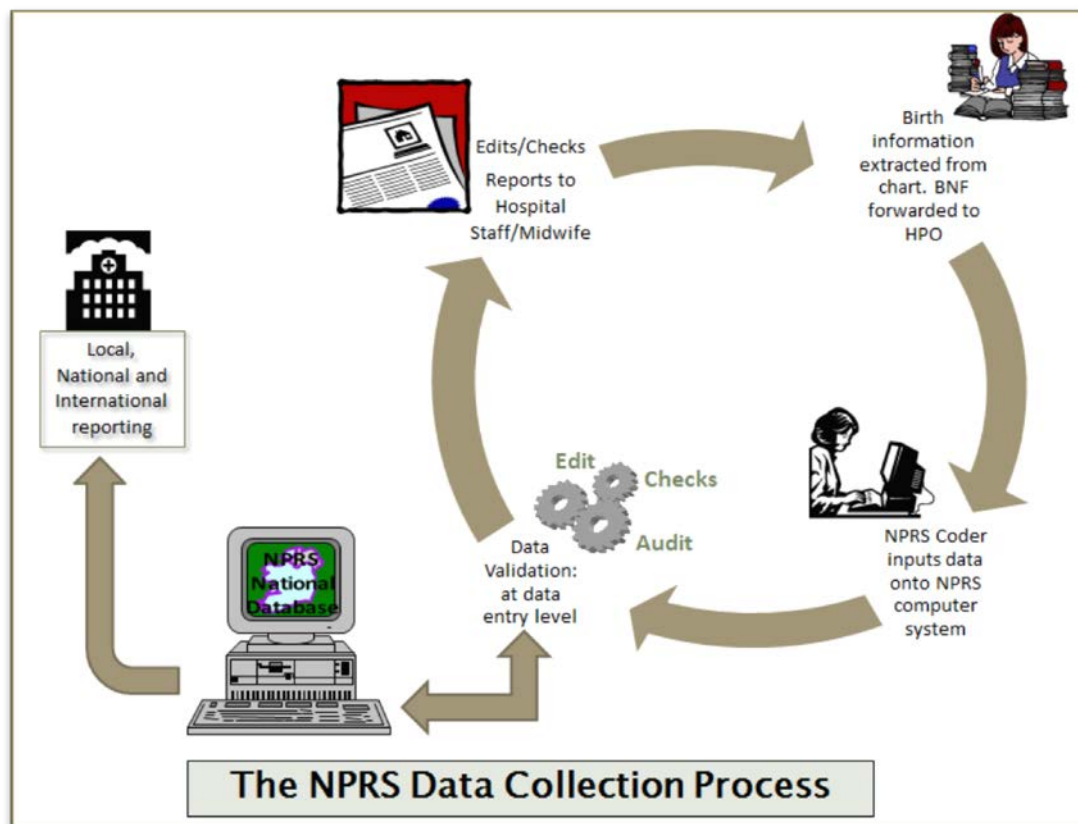


Figure 1.2: The NPRS Data Collection Process

Objectives of NPRS Data Dictionary Version 1.2

NPRS collects information on every birth in the Republic of Ireland from each maternity unit and all practicing independent midwives. All births are notified and registered on a standard four-part BNF which is completed where the birth takes place, either at the hospital or elsewhere by the attending midwife.

Part 3 of the BNF is sent to the HPO, in either electronic or paper format, and processed using custom-designed data entry software for NPRS data.

This record contains administrative, demographic and clinical information for each live birth or stillbirth.

This dictionary provides definitions and codes for data collected within NPRS as of 2015. Updates to the data dictionary will be applied if and when changes are applied to the Birth Notification process. It provides standard definitions for variables with the objective of ensuring that consistency and data quality are maintained. It is also hoped that the dictionary will be of use to researchers, clinicians and hospital management in understanding and analysing NPRS data.

Updates

This document will be updated as variables are added or amended.

Using the Data Dictionary

The NPRS Data Dictionary contains publicly available information. Internal variables relating to data quality and the NPRS database structure are not included.

All variables are listed alphabetically and an alphabetic index is included in the table of contents. The code sets used for variables are listed in [Appendix II](#) and can be accessed via hyperlinks. For information on the classifications for nationality, occupation, cause of death and diagnoses see [Appendix III](#).

Hyperlinks to source documents and organisations are provided in [Appendices IV](#) and [V](#) respectively and a listing of abbreviations is provided in [Appendix VI](#).

Summary of Changes between version 1.0 and 1.1

1. Update contact details for the Healthcare Pricing Office (HPO).

Summary of Changes between version 1.1 and 1.2

1. Update Image of BNF01 Appendix I

Page Layout

While each page does not necessarily include all fields, each page in the data dictionary has a consistent format as follows:

Variable	Name of variable
Definition	Provides a description of the variable
Definition Source	What is the source of the definition of this information - e.g. Department of Health, please note for variables collected pre 1999 the Department is referred to as the Department of Health and Children (DoHC)
Source	Information may come from Chart, Hospital PAS
Collected since⁴	Year when collection of variable commenced.
Position on 3rd part of Birth Notification Form	See Appendix I for details of Birth Notification Form
Reported by	Who reports this variable? This will generally be the Hospital
Reported for	For what births is this information reported?
Data Entry Guideline	Provides further guidance on how a variable is assigned to case
Code Set	Details the information options available for each variable
Variable Name	Variable name in file
Data Type	Integer or Alphanumeric
Field Size	Number of characters in the variable
Instruction manual	This refers to the page in the NPRS Instruction Manual where further information can be found. This Instruction Manual forms part of the training material provided by the HPO, it provides details of administrative and demographic variables collected and is updated to reflect any changes or updates in data collection, this order is numerically based.

⁴ Between 1999 and 2013 the ESRI managed NPRS; variables in operation prior to this data will be marked as pre-1999.

PRODUCED BY AND CONTACT DETAILS

Healthcare Pricing Office

www.hpo.ie

Email: nprs@hpo.ie

Variables

Admission Date (Mother) (Day)

Variable	Admission Date (Mother) (Day)
Definition	Mother's day of admission to hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	159
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	dayadmin
Data Type	Numeric
Field size	2
Instruction Manual	29

Admission Date (Mother) (Month)

Variable	Admission Date (Mother) (Month)
Definition	Mother's month of admission to hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	161
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	mthadmin
Data Type	Numeric
Field size	2
Instruction Manual	29

Admission Date (Mother) (Year)

Variable	Admission Date (Mother) (Year)
Definition	Mother's year of admission to hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	163
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	YYYY: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yadmin
Data Type	Numeric
Field size	4
Instruction Manual	29

Age at Death (Days)

Variable	Age at Death (Days)
Definition	The age of early neonatal deaths is given in completed days.
Definition Source	ICD-10, Volume 2 Page 98. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	100
Reported By	Hospital/Independent midwife
Reported For	Mandatory where Type of Death = 1 and age at death is greater than 23 hours and less than 7 days.
Data Entry Guideline	<p>Age at death should be completed for all early neonatal deaths. It should be left blank in the case of stillbirths. In the case of an early neonatal death the age of death should be completed in either complete days or hours, not both. If the infant lived more than 1 day, then the age in days should be completed. 6 is the maximum number that may be completed in the box marked 'days' as an Early Neonatal Death is defined as the death of an infant before the completion of the seventh day of life.</p> <p>If age at time of death is not known complete the field; <i>age at death (hours)</i> as 99.</p>
Code Set	
Variable Name	dthdays
Data Type	Numeric
Field size	1
Instruction Manual	21

Age at Death (Hours)

Variable	Age at Death (Hours)
Definition	The age of early neonatal deaths is given in completed hours if the infant survived less than one day.
Definition Source	ICD-10, Volume 2 Page 98. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	101
Reported By	Hospital/Independent midwife
Reported For	Mandatory where Type of Death = 1 and number of completed hours of life is less than 24 hours, cannot exceed 23 hours.
Data Entry Guideline	Age at death should be completed for all early neonatal deaths. It should be left blank in the case of stillbirths. In the case of an early neonatal death the age of death should be completed in either complete days or hours, not both. If the infant lived less than 1 day (24 hours from time of birth) then the age in hours (maximum 23 hours) should be completed. If age at time of death is not known complete the field age at death (hours) as 99.
Code Set	
Variable Name	dthhrs
Data Type	Numeric
Field size	2
Instruction Manual	21

Antenatal Care this pregnancy

Variable	Antenatal Care this pregnancy
Definition	Type of antenatal care received for this pregnancy.
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	117
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	Antenatal Care
Variable Name	ancare
Data Type	Numeric
Field size	1
Instruction Manual	24

Autopsy

Variable	Autopsy
Definition	Identifies if an Autopsy was performed.
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	99
Reported By	Hospital/Independent midwife
Reported For	Mandatory where Type of Death = 1 or 2
Data Entry Guideline	
Code Set	Autopsy
Variable Name	autopsy
Data Type	Numeric
Field size	1
Instruction Manual	21

Variable	BCG
Definition	Was BCG administered to infant?
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	147
Reported By	Hospital/Independent midwife
Reported For	All live births
Data Entry Guideline	
Code Set	BCG
Variable Name	bcg
Data Type	Numeric
Field size	1
Instruction Manual	28

Birthweight

Variable	Birthweight
Definition	The first weight of the foetus or newborn obtained after birth should be given. This weight should preferably be measured within the first hour of life before significant postnatal weight loss has occurred.
Definition Source	ICD-10, Volume 2 Page 95. See appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	25
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	Weight should be recorded in grams.
Code Set	
Variable Name	weight
Data Type	Numeric
Field size	4
Instruction Manual	11

Booked Admisson

Variable	Booked Admisson
Definition	Was admission to hospital booked?
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	158
Reported By	Hospital/Independant midwife
Reported For	All births reported by hospital
Data Entry Guideline	
Code Set	Booked
Variable Name	booked
Data Type	Numeric
Field size	1
Instruction Manual	29

Case Number

Variable	Case Number.
Definition	Unique eight-digit reference number assigned to each birth.
Definition Source	DoHC
Source	Hospital
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	6
Reported By	Hospital
Reported For	All births
Data Entry Guideline	The first four digits indicate the year in which the birth took place. These numbers run in sequence from the start of the year and include all live births and late foetal deaths (Stillbirths). After the first four spaces have been filled, leading zeros should be used to fill blank spaces e.g. 20150099 represents the 99th birth in 2015. The sequence should commence at the start of each year i.e. 20150001 is the first birth for the year 2015. A case number should not be repeated during the year.
Code Set	
Variable Name	caseno
Data Type	Numeric
Field size	8
Instruction Manual	9

Cause of Death (Main)

Variable	Cause of Death (Main)
Definition	This categorisation indicates the principal underlying pathological cause, which in the opinion of the certifier made the greatest contribution to the death of the infant or foetus.
Definition Source	ICD-10, Volumes 1-3. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	107
Reported By	Hospital/Independant midwife
Reported For	Mandatory where Type of Death = 1 or 2
Data Entry Guideline	In assigning cause of death in the NPRS, the guidelines recommended by the WHO are followed. See Appendix III –Cause of Death Classification for further details.
Code Set	ICD-10 International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Vols. 1-3
Variable Name	dthmain
Data Type	Alphanumeric
Field size	5
Instruction Manual	22

Cause of Death (Other)

Variable	Cause of Death (Other)
Definition	This categorisation indicates additional pathological conditions which contributed to the death of the infant or foetus.
Definition Source	ICD-10, Volumes 1-3. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	112
Reported By	Hospital/Independent midwife
Reported For	Mandatory where Type of Death = 1 or 2
Data Entry Guideline	In assigning cause of death in the NPRS, the guidelines recommended by the WHO are followed, see Appendix III –Cause of Death Classification for further details.
Code Set	ICD-10 International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Vols. 1-3
Variable Name	dthother
Data Type	Alphanumeric
Field size	5
Instruction Manual	22

Civil Status

Variable	Civil Status
Definition	Mother's civil status at time of delivery
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999, updated 2014 to civil status, formerly marital status
Position on 3rd part of Birth Notification Form	73
Reported By Reported For	Hospital/Independent midwife
Data Entry Guideline	
Code Set	Civil Status
Variable Name	marstat
Data Type	Numeric
Field size	1
Instruction Manual	17

Date of first visit to doctor during pregnancy (Day)

Variable	Date of first visit to doctor during pregnancy (Day)
Definition	Dates collected in this section are intended to reflect the first point of contact between the pregnant woman and the health care system, therefore the earliest date of contact with the health care services (GP or doctor) should be provided.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	118
Reported By	Hospital/Independent midwife
Reported For	If antenatal care = 2 or 3, day of first visit to the doctor required.
Data Entry Guideline	DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	daydoc
Data Type	Numeric
Field size	2
Instruction Manual	24

Date of first visit to doctor during pregnancy (Month)

Variable	Date of first visit to doctor during pregnancy (Month)
Definition	Dates collected in this section are intended to reflect the first point of contact between the pregnant woman and the health care system, therefore the earliest date of contact with the health care services (GP or doctor) should be provided.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	120
Reported By	Hospital/Independent midwife
Reported For	If antenatal care = 2 or 3, month of first visit to the doctor required.
Data Entry Guideline	MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	mthdoc
Data Type	Numeric
Field size	2
Instruction Manual	24

Date of first visit to doctor during pregnancy (Year)

Variable	Date of first visit to doctor during pregnancy (Year)
Definition	Dates collected in this section are intended to reflect the first point of contact between the pregnant woman and the health care system, therefore the earliest date of contact with the health care services (GP or doctor) should be provided.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	122
Reported By	Hospital/Independent midwife
Reported For	If antenatal care = 2 or 3, year of first visit to the doctor required.
Data Entry Guideline	YYYY: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yrdoc
Data Type	Numeric
Field size	4
Instruction Manual	24

Date of first visit to hospital during pregnancy (Day)

Variable	Date of first visit to hospital during pregnancy (Day)
Definition	Dates collected in this section are intended to reflect the first point of contact between the pregnant woman and the health care system, therefore the earliest date of contact with the hospital should be provided.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	126
Reported By	Hospital/Independent midwife
Reported For	If antenatal care = 1 or 3, day of first visit to the hospital required.
Data Entry Guideline	DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	dayhosp
Data Type	Numeric
Field size	2
Instruction Manual	25

Date of first visit to hospital during pregnancy (Month)

Variable	Date of first visit to hospital during pregnancy (Month)
Definition	Dates collected in this section are intended to reflect the first point of contact between the pregnant woman and the health care system, therefore the earliest date of contact with the hospital should be provided.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	128
Reported By	Hospital/Independent midwife
Reported For	If antenatal care = 1 or 3, month of first visit to the hospital required.
Data Entry Guideline	MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	mthhosp
Data Type	Numeric
Field size	2
Instruction Manual	25

Date of first visit to hospital during pregnancy (Year)

Variable	Date of first visit to hospital during pregnancy (Year)
Definition	Dates collected in this section are intended to reflect the first point of contact between the pregnant woman and the health care system, therefore the earliest date of contact with the hospital should be provided.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	130
Reported By	Hospital/Independent midwife
Reported For	If antenatal care = 1 or 3, year of first visit to the hospital required.
Data Entry Guideline	YYYY: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yrhosp
Data Type	Numeric
Field size	4
Instruction Manual	25

Date of Last Birth (Live/Still) (Day)

Variable	Date of Last Birth (Live/Still) (Day)
Definition	Day of last delivery for live or still birth (if applicable)
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	82
Reported By	Hospital/Independent midwife
Reported For	Cases where Number of Previous Live Births or Number of Previous Still Births is greater than 0.
Data Entry Guideline	DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	daylast
Data Type	Numeric
Field size	2
Instruction Manual	18

Date of Last Birth (Live/Still) (Month)

Variable	Date of Last Birth (Live/Still) (Month)
Definition	Month of last delivery for live or still birth (if applicable)
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	84
Reported By	Hospital/Independent midwife
Reported For	Cases where Number of Previous Live Births or Number of Previous Still Births is greater than 0.
Data Entry Guideline	MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	mthlast
Data Type	Numeric
Field size	2
Instruction Manual	18

Date of Last Birth (Live/Still) (Year)

Variable	Date of Last Birth (Live/Still) (Year)
Definition	Year of last delivery for live or still birth (if applicable)
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	86
Reported By	Hospital/Independent midwife
Reported For	Cases where Number of Previous Live Births or Number of Previous Still Births is greater than 0.
Data Entry Guideline	YYYY: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yrlast
Data Type	Numeric
Field size	4
Instruction Manual	18

Date of Present Marriage/Civil partnership (Day)

Variable	Date of Present Marriage /Civil partnership(Day)
Definition	Mother's day of Marriage /Civil partnership (if applicable)
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999, updated 2014 to civil status, formerly marital status
Position on 3rd part of Birth Notification Form	74
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1 or 6.
Data Entry Guideline	DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	daymar
Data Type	Numeric
Field size	2
Instruction Manual	17

Date of Present Marriage /Civil partnership (Month)

Variable	Date of Present Marriage /Civil partnership (Month)
Definition	Mother's month of Marriage /Civil partnership if applicable)
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999, updated 2014 to civil status, formerly marital status
Position on 3rd part of Birth Notification Form	76
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1 or 6.
Data Entry Guideline	MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	mthmar
Data Type	Numeric
Field size	2
Instruction Manual	17

Date of Present Marriage /Civil partnership (Year)

Variable	Date of Present Marriage /Civil partnership (Year)
Definition	Mother's year of Marriage /Civil partnership (if applicable)
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999, updated 2014 to civil status, formerly marital status
Position on 3rd part of Birth Notification Form	78
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1 or 6.
Data Entry Guideline	YYYY: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yrmar
Data Type	Numeric
Field size	4
Instruction Manual	17

Discharge Date (Infant) (Day)

Variable	Discharge Date (Infant) (Day)
Definition	Infant's day of discharge from hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	175
Reported By	Hospital/Independent midwife
Reported For	All live births
Data Entry Guideline	<p>In the case of an early neonatal death the date of death should be entered as the infant's date of discharge. Where an infant is transferred (for medical reasons or other reasons) to another hospital/home, date of infant's transfer may be entered as date of infant's discharge.</p> <p>DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.</p>
Code Set	
Variable Name	dayhome
Data Type	Numeric
Field size	2
Instruction Manual	29

Discharge Date (Infant) (Month)

Variable	Discharge Date (Infant) (Month)
Definition	Infant's month of discharge from hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	177
Reported By	Hospital/Independent midwife
Reported For	All live births
Data Entry Guideline	<p>In the case of an early neonatal death the date of death should be entered as the infant's date of discharge. Where an infant is transferred (for medical reasons or other reasons) to another hospital/home, date of infant's transfer may be entered as date of infant's discharge.</p> <p>MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.</p>
Code Set	
Variable Name	mthhome
Data Type	Numeric
Field size	2
Instruction Manual	29

Discharge Date (Infant) (Year)

Variable	Discharge Date (Infant) (Year)
Definition	Infant's year of discharge from hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	179
Reported By	Hospital/Independent midwife
Reported For	All live births
Data Entry Guideline	In the case of an early neonatal death the date of death should be entered as the infant's date of discharge. Where an infant is transferred (for medical reasons or other reasons) to another hospital/home, date of infant's transfer may be entered as date of infant's discharge. YYYY; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yrhome
Data Type	Numeric
Field size	4
Instruction Manual	29

Discharge Date (Mother) (Day)

Variable	Discharge Date (Mother) (Day)
Definition	Mother's day of discharge from hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	167
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	<p>In the case of a maternal death, date of death should be entered as date of mother's discharge. In the case of a mother who was transferred, mother's date of transfer may be entered as mother's date of discharge.</p> <p>DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.</p>
Code Set	
Variable Name	daydis
Data Type	Numeric
Field size	2
Instruction Manual	29

Discharge Date (Mother) (Month)

Variable	Discharge Date (Mother) (Month)
Definition	Mother's month of discharge from hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	169
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	<p>In the case of a maternal death, date of death should be entered as date of mother's discharge. In the case of a mother who was transferred, mother's date of transfer may be entered as mother's date of discharge.</p> <p>MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.</p>
Code Set	
Variable Name	mthdis
Data Type	Numeric
Field size	2
Instruction Manual	29

Discharge Date (Mother) (Year)

Variable	Discharge Date (Mother) (Year)
Definition	Mother's year of discharge from hospital
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	171
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	<p>In the case of a maternal death, date of death should be entered as date of mother's discharge. In the case of a mother who was transferred, mother's date of transfer may be entered as mother's date of discharge.</p> <p>YYYY: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.</p>
Code Set	
Variable Name	yrdis
Data Type	Numeric
Field size	4
Instruction Manual	29

Father's Country

Variable	Father's Country
Definition	Father's Country of Residence
Definition Source	CSO
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	2004
Position on 3rd part of Birth Notification Form	34
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1.
Data Entry Guideline	See Appendix III - Nationality for details. Left padded with two blanks
Code Set	Country
Variable Name	dadctry
Data Type	Alphanumeric
Field size	4
Instruction Manual	12

Father's County

Variable	Father's County
Definition	Father's County of Residence
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	31
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1.
Data Entry Guideline	Left padded with '0'.
Code Set	County Codes
Variable Name	dadres
Data Type	Numeric
Field size	3
Instruction Manual	12

Father's Date of Birth (Day)

Variable	Father's Date of Birth (Day)
Definition	Father's day of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	44
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1.
Data Entry Guideline	DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	daydad
Data Type	Numeric
Field size	2
Instruction Manual	14

Father's Date of Birth (Month)

Variable	Father's Date of Birth (Month)
Definition	Father's month of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	46
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1.
Data Entry Guideline	MM; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	mthdad
Data Type	Numeric
Field size	2
Instruction Manual	14

Father's Date of Birth (Year)

Variable	Father's Date of Birth (Year)
Definition	Father's year of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	48
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1.
Data Entry Guideline	YYYY; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yrdad
Data Type	Numeric
Field size	4
Instruction Manual	14

Father's Nationality

Variable	Father's Nationality
Definition	This indicates place of birth for father. The father's country of birth should be recorded here. This definition is for the sole purpose of giving the necessary directions for the completion of the Birth Notification Form and is not a legal definition.
Definition Source	GRO/CSO
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	2004
Position on 3rd part of Birth Notification Form	38
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1.
Data Entry Guideline	See Appendix III - Nationality for details. Left padded with two Blanks.
Code Set	Nationality
Variable Name	dadnat
Data Type	Alphanumeric
Field size	4
Instruction Manual	13

Father's Occupation

Variable	Father's Occupation
Definition	This indicates occupation of Father.
Definition Source	CSO
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	42
Reported By	Hospital/Independent midwife
Reported For	Cases where civil status = 1.
Data Entry Guideline	See Appendix III - Occupation for further details.
Code Set	
Variable Name	dadocc
Data Type	Numeric
Field size	2
Instruction Manual	13

Feeding at Discharge

Variable	Feeding at Discharge
Definition	This is the type of feeding recorded at time of discharge.
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	146
Reported By	Hospital/Independent midwife
Reported For	All live births
Data Entry Guideline	<p>Breast Feeding - The infant is receiving only breast milk from his/her mother or expressed milk and no other liquids or solids with the exception of drops or syrups consisting of vitamins, mineral supplements or medicines.</p> <p>Artificial Feeding - The infant is receiving artificial milk feeds alone or in combination with water-based drinks.</p> <p>Combined Feeding - The infant is receiving both breast milk feeds and artificial formula milk feeds.</p>
Code Set	Feeding
Variable Name	feeding
Data Type	Numeric
Field size	1
Instruction Manual	27

Hospital Number

Variable	Hospital Number.
Definition	Unique three digit reference number assigned to each hospital. These are NPRS operational codes only.
Definition Source	DoHC
Source	Operational NPRS code
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	3
Reported By	Hospital
Reported For	All hospital births
Data Entry Guideline	
Code Set	Hospital Codes
Variable Name	hospno
Data Type	Numeric
Field size	3
Instruction Manual	9

Infant's Date of Birth (Day)

Variable	Infant's Date of Birth (Day)
Definition	Infant's day of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	14
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	DD
Code Set	
Variable Name	daybirth
Data Type	Numeric
Field size	2
Instruction Manual	10

Infant's Date of Birth (Month)

Variable	Infant's Date of Birth (Month)
Definition	Infant's month of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	16
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	MM
Code Set	
Variable Name	mthbirth
Data Type	Numeric
Field size	2
Instruction Manual	10

Infant's Date of Birth (Year)

Variable	Infant's Date of Birth (Year)
Definition	Infant's year of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	18
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	YYYY
Code Set	
Variable Name	yrbirth
Data Type	Numeric
Field size	4
Instruction Manual	10

Main disease or congenital malformation affecting infant

Variable	Main disease or congenital malformation affecting infant
Definition	This categorisation indicates the main disease or condition in the infant.
Definition Source	ICD-10, Volumes 1-3. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	148
Reported By Reported For	Hospital/Independent midwife
Data Entry Guideline	
Code Set	ICD-10 International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Vols. 1-3
Variable Name	mainbaby
Data Type	Alphanumeric
Field size	5
Instruction Manual	28

Main maternal disease or condition affecting foetus or infant

Variable	Main maternal disease or condition affecting foetus or infant
Definition	This categorisation indicates the main maternal disease or condition affecting foetus or infant.
Definition Source	ICD-10, Volumes 1-3. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	136
Reported By Reported For	Hospital/Independent midwife
Data Entry Guideline	
Code Set	ICD-10 International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Vols. 1-3
Variable Name	mainmat
Data Type	Alphanumeric
Field size	5
Instruction Manual	26

Method of Delivery

Variable	Method of Delivery
Definition	Method of delivery for this birth
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	135
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	Delivery
Variable Name	delivery
Data Type	Numeric
Field size	1
Instruction Manual	25

Mother's Country

Variable	Mother's Country
Definition	Mother's Country of Residence
Definition Source	CSO
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	2004
Position on 3rd part of Birth Notification Form	55
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	See Appendix III - Nationality for details. Left padded with two blanks.
Code Set	Country
Variable Name	mumctry
Data Type	Alphanumeric
Field size	4
Instruction Manual	16

Mother's County

Variable	Mother's County
Definition	Mother's County of Residence
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	52
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	Left padded with '0'.
Code Set	County Codes
Variable Name	mumres
Data Type	Numeric
Field size	3
Instruction Manual	15

Mother's Date of Birth (Day)

Variable	Mother's Date of Birth (Day)
Definition	Mother's day of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	65
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	DD; Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	daymum
Data Type	Numeric
Field size	2
Instruction Manual	17

Mother's Date of Birth (Month)

Variable	Mother's Date of Birth (Month)
Definition	Mother's month of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	67
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	MM: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	mthmum
Data Type	Numeric
Field size	2
Instruction Manual	17

Mother's Date of Birth (Year)

Variable	Mother's Date of Birth (Year)
Definition	Mother's year of birth
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	69
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	YYYY: Where only partial information is available, such as partial dates, '9's should be entered for the unknown parts.
Code Set	
Variable Name	yrnum
Data Type	Numeric
Field size	4
Instruction Manual	17

Mother's Nationality

Variable	Mother's Nationality
Definition	This indicates place of birth for mother. This definition is for the sole purpose of giving the necessary directions for the completion of the Birth Notification Form and is not a legal definition.
Definition Source	GRO/CSO
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	2004
Position on 3rd part of Birth Notification Form	59
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	See Appendix III – Nationality for further details. Left padded with two blanks
Code Set	Nationality
Variable Name	mumnat
Data Type	Alphanumeric
Field size	4
Instruction Manual	16

Mother's Occupation

Variable	Mother's Occupation
Definition	This indicates occupation of Mother.
Definition Source	CSO
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	63
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	See Appendix III - Occupation for further details.
Code Set	
Variable Name	mumocc
Data Type	Numeric
Field size	2
Instruction Manual	16

Number of Previous Children Still Living

Variable	Number of Previous Children Still Living
Definition	Mother's number of previous children still living
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	92
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	Obstetric history only. In the case of adopted or fostered children these are not recorded.
Code Set	
Variable Name	children
Data Type	Numeric
Field size	2
Instruction Manual	18

Number of Previous Live Births

Variable	Number of Previous Live Births
Definition	Mother's number of previous live births
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	90
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	
Variable Name	livebth
Data Type	Numeric
Field size	2
Instruction Manual	18

Number of Previous Spontaneous Abortions

Variable	Number of Previous Spontaneous Abortions
Definition	Mother's number of previous spontaneous abortions (miscarriages)
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	96
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	
Variable Name	abort
Data Type	Numeric
Field size	2
Instruction Manual	18

Number of Previous Stillbirths

Variable	Number of Previous Stillbirths
Definition	Mother's number of previous stillbirths
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	94
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	
Variable Name	stillbth
Data Type	Numeric
Field size	2
Instruction Manual	18

Order of Birth (sequence)

Variable	Order of Birth (sequence)
Definition	Order of birth in multiple birth episode.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	22
Reported By	Hospital/Independent midwife
Reported For	Multiple births.
Data Entry Guideline	This indicates the order the baby was born in cases of multiple birth. A separate form is completed for each baby. For example, the second baby of triplets should be notified as No. 2 of 3. When recording twins the first born is recorded as No. 1 of 2 and on a second form the second twin is recorded as No. 2 of 2. Stillbirths should be counted when completing this section. For example, the first born of a set of twins is stillborn and the second survives. The first baby would be notified as No. 1 of 2. The second baby would be notified as No. 2 of 2.
Code Set	
Variable Name	birord
Data Type	Numeric
Field size	1
Instruction Manual	10

Order of Birth (total)

Variable	Order of Birth (total)
Definition	Total number of births in a multiple birth episode.
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	23
Reported By	Hospital/Independent midwife
Reported For	Multiple births.
Data Entry Guideline	This indicates the total number of births in a multiple birth episode. For example when recording twins the first born is recorded as No. 1 of 2 and on a second form the second twin is recorded as No. 2 of 2. Stillbirths should be counted when completing this section.
Code Set	
Variable Name	totbir
Data Type	Numeric
Field size	1
Instruction Manual	10

Other diseases or congenital malformations affecting infant

Variable	Other diseases or congenital malformations affecting infant
Definition	This categorisation indicates any other diseases or conditions in the infant.
Definition Source	ICD-10, Volumes 1-3. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	153
Reported By Reported For	Hospital/Independent midwife
Data Entry Guideline	
Code Set	ICD-10 International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Vols. 1-3
Variable Name	babother
Data Type	Alphanumeric
Field size	5
Instruction Manual	28

Other maternal diseases or conditions affecting foetus or infant

Variable	Other maternal diseases or conditions affecting foetus or infant
Definition	This categorisation indicates any other maternal diseases or conditions affecting foetus or infant.
Definition Source	ICD-10, Volumes 1-3. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	141
Reported By Reported For	Hospital/Independent midwife
Data Entry Guideline	
Code Set	ICD-10 International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Vols. 1-3
Variable Name	othermat
Data Type	Alphanumeric
Field size	5
Instruction Manual	26

Period of Gestation

Variable	Period of Gestation
Definition	Gestation is measured from the first day of the last normal menstrual period. Gestational age is expressed in completed days or completed weeks. Where the date of last normal menstrual period is not available, gestational age should be based on the best clinical estimate. Gestational age is measured or estimated according to the best method available in each case.
Definition Source	ICD-10, Volume 2 Page 95. See Appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	29
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	Completed Weeks
Code Set	
Variable Name	gestat
Data Type	Numeric
Field size	2
Instruction Manual	11

Place of Birth

Variable	Place of Birth
Definition	Identifies where the birth occurred.
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	2
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	<p>Hospital – Birth took place in the hospital.</p> <p>BBA (Born before Arrival) – Birth took place before arrival at the hospital, and was not a planned home/domiciliary birth. If a birth (or death) occurs before arrival in hospital but not in another maternity hospital/home, the form should be clearly marked as ‘BBA’, Born Before Arrival at the top of the form.</p> <p>Domiciliary – Birth took place at home, as planned.</p>
Code Set	Place of Birth
Variable Name	pob
Data Type	Numeric
Field size	1
Instruction Manual	8

Place of Death

Variable	Place of Death
Definition	Name of hospital/location of death
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	103
Reported By	Hospital/Independent midwife
Reported For	Mandatory where Type of Death = 1 or 2
Data Entry Guideline	Give the name and location of hospital or home in which the early neonatal death or stillbirth occurred. If the infant dies after discharge or transfer from hospital and within 7 days of birth, then the address where death occurred should be entered. In the case of a domiciliary birth or a BBA resulting in a death, give the address where death took place.
Code Set	
Variable Name	dthplace
Data Type	Numeric
Field size	3
Instruction Manual	22

Rubella Immunity

Variable	Rubella Immunity
Definition	Immunity to Rubella: An affirmative answer should be recorded only where there is documented evidence of a rubella antibody test. A history of rubella or previous immunisation is not sufficient to indicate immunity to rubella.
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	134
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	Rubella
Variable Name	rubella
Data Type	Numeric
Field size	1
Instruction Manual	25

Sex

Variable	Sex
Definition	Sex of Infant
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	24
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	Sex
Variable Name	sex
Data Type	Numeric
Field size	1
Instruction Manual	11

Transfer

Variable	Transfer
Definition	Was infant transferred to another hospital for <u>medical reasons</u>
Definition Source	
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	183
Reported By	Hospital/Independent midwife
Reported For	All live births
Data Entry Guideline	<p>In the case of a live born infant who was transferred to another hospital for <u>medical reasons</u>, enter 1 for 'Yes' in the box provided. Details of the medical reason for transfer should be entered under the section 'Infant's Health' or else a transfer form should be completed for all infants who are transferred for medical reasons. The box should be left blank in the case of a stillbirth but should be completed for all other births.</p> <p>Where an infant is transferred before the 7th day of life the status of the infant at the 7th day of life must be established by the hospital in which the birth occurred and the details completed on the Birth Notification Form.</p>
Code Set	Transfer
Variable Name	transfer
Data Type	Numeric
Field size	1
Instruction Manual	30

Transfer Hospital

Variable	Transfer Hospital
Definition	The hospital to which infant was transferred
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	184
Reported By	Hospital/Independent midwife
Reported For	Cases where transfer = 1.
Data Entry Guideline	
Code Set	Hospital Codes
Variable Name	hospital
Data Type	Numeric
Field size	3
Instruction Manual	30

Type of Birth

Variable	Type of Birth
Definition	Identifies event as Live birth or Stillbirth Live Birth - A Live Birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. Stillbirth (SB): Foetal death is defined as death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy. A foetal death is indicated by the fact that, after such separation, the foetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles..
Definition Source	ICD-10, Volume 2 Page 95. See appendix III
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	1
Reported By	Hospital/Independent midwife
Reported For	All births
Data Entry Guideline	
Code Set	Type of Birth
Variable Name	tob
Data Type	Numeric
Field size	1
Instruction Manual	8

Type of Death

Variable	Type of Death
Definition	<p>Identifies the type of death that occurred.</p> <p>Early Neonatal Death (ENND): An early neonatal death refers to the death of a live born infant during the first week of life.</p> <p>Stillbirth (SB): Foetal death is defined as death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of the pregnancy. A foetal death is indicated by the fact that, after such separation, the foetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.</p>
Definition Source	ICD-10, Volume 2 Page 95. See appendix II
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	98
Reported By	Hospital/Independent midwife
Reported For	All deaths
Data Entry Guideline	
Code Set	Type of Death
Variable Name	tod
Data Type	Numeric
Field size	1
Instruction Manual	20

Type of Stillbirth

Variable	Type of Stillbirth
Definition	In the case of a stillbirth only, indicate when the stillbirth occurred.
Definition Source	DoHC
Source	Extracted from Hospital chart/PAS for BNF
Collected Since	pre 1999
Position on 3rd part of Birth Notification Form	106
Reported By	Hospital/Independent midwife
Reported For	Mandatory where type of death =2.
Data Entry Guideline	Record if death occurred before labour, during labour or not known
Code Set	Type of Stillbirth
Variable Name	ifstill
Data Type	Numeric
Field size	1
Instruction Manual	22

Appendix I – Part 3 of Birth Notification Form

Notification of Birth – To: National Perinatal Reporting System, Healthcare Pricing Office (HPO)

TYPE OF BIRTH (Live = 1, Still = 2) PLACE OF BIRTH (Hospital = 1, BBA = 2, Domiciliary = 3) NAME AND ADDRESS OF _____

HOSPITAL NO. CASE NO. ADDRESS OF _____

Y Y Y Y Y Y HOSPITAL _____

INFANT'S DETAILS

DATE OF BIRTH (DDMM/YYYY) 14 _____

TIME OF BIRTH _____

IF MULTIPLE BIRTH ORDER OF BIRTH No. 22 of 23

SEX (Male = 1, Female = 2, Indeterminate = 3) 24

BIRTHWEIGHT 25 _____ GRAMMES

PERIOD OF GESTATION 29 _____ WEEKS

FATHER'S DETAILS

COUNTRY _____ 34 _____

NATIONALITY _____ 38 _____

OCCUPATION _____ 42 _____

DATE OF BIRTH (DDMM/YYYY) 44 _____

MOTHER'S DETAILS

COUNTRY _____ 52 _____

NATIONALITY _____ 59 _____

OCCUPATION _____ 63 _____

DATE OF BIRTH (DDMM/YYYY) 65 _____

CIVIL STATUS (Married = 1, Single = 2, Widowed = 3, Separated = 4, Divorced = 5, Civil Partner = 6, Former Civil Partner = 7, Surviving Civil Partner = 8) 73

DATE OF PRESENT MARRIAGE/CIVIL PARTNERSHIP (DDMMYYYY) 74 _____

DATE OF LAST BIRTH (live or still) (DDMMYYYY) 82 _____

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SPONTANEOUS ABORTIONS 96

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OTHER DISEASES OR CONGENITAL MALFORMATIONS AFFECTING INFANT _____

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ANTENATAL CARE THIS PREGNANCY (Hospital / Obstetrician = 1, G.P. Only = 2, Combined = 3, None = 4, Midwife Only = 5) 117

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OTHER DISEASES OR CONGENITAL MALFORMATIONS AFFECTING INFANT _____ 153 _____

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GENERAL PRACTITIONER ATTENDED BY MOTHER

Birth Notification Form (BNF01) - copy Part 3

Appendix II –Code Sets

Antenatal Care

Code	Type of Antenatal Care
1	Hospital / Obstetrician
2	General practitioner only
3	Combined
4	None
5	Midwife Only

Autopsy

Code	Autopsy
1	Yes
2	No
9	Not Stated

BCG

Code	Was BCG Administered
1	Yes
2	No
9	Not Stated

Booked

Code	Was Admission Booked
1	Yes
2	No
9	Not Stated

Civil Status

Code	Civil Status
1	Married
2	Single
3	Widowed
4	Separated
5	Divorced
6	Civil partner
7	Former civil partner
8	Surviving civil partner
9	Not Stated

County

Code	County
10	Dublin City
11	Dublin County
12	Kildare
13	Wicklow
20	Laois
21	Offaly
22	Longford
23	Westmeath
30	Clare
31	Limerick
32	Tipperary NR
40	Meath
41	Cavan
42	Monaghan
43	Louth
50	Donegal
51	Sligo
52	Leitrim
60	Carlow
61	Kilkenny
62	Tipperary SR
63	Waterford
64	Wexford
70	Cork
71	Kerry
80	Galway
81	Mayo
82	Roscommon
90	Other - all other places outside Republic of Ireland
99	Not Stated

Delivery

Code	Method of Delivery
1	Spontaneous
2	Breech +/- Forceps
3	Forceps
4	Vacuum Extraction
5	Caesarean Section
6	Other specified & combined

Feeding

Code	Type of Feeding
1	Artificial
2	Breast
3	Combined
9	Not Stated

Hospital Codes

Code	Hospital Name (20 Maternity Units)
101	The National Maternity Hospital, Dublin
102	Coombe Women and Infants University Hospital, Dublin
103	The Rotunda Hospital, Dublin
105	Mount Carmel Hospital, Dublin
201	Midland Regional Hospital, Mullingar
206	Midland Regional Hospital, Portlaoise
301	University Maternity Hospital, Limerick
403	Our Lady of Lourdes Hospital, Drogheda
404	Cavan General Hospital
501	Letterkenny General Hospital
502	Sligo Regional Hospital
601	Wexford General Hospital
602	South Tipperary General Hospital, Clonmel
610	Waterford Regional Hospital
612	St. Luke's General Hospital, Kilkenny
709	Cork University Maternity Hospital
720	Kerry General Hospital
801	Mayo General Hospital, Castlebar
805	University College Hospital, Galway
807	Portiuncula Hospital Ballinasloe

Code	Hospital Name (for Transfers)
112	Our Lady's Children's Hospital, Crumlin
113	Children's University Hospital, Temple Street
121	Adelaide & Meath Hospital Dublin, inc. National Childrens Hospital, Tallaght
9**	All other hospitals

Place of Birth

Code	Place of Birth
1	Hospital
2	Born before arrival (BBA)
3	Domiciliary

Rubella

Code	Was mother immune to Rubella
1	Yes
2	No
3	Unknown

Sex

Code	Sex
1	Male
2	Female
3	Indeterminate (rare)

Transfer

Code	Was Infant Transferred to other hospital for medical reasons
1	Yes
2	No
9	Not Stated

Type of Birth

Code	Type of Birth
1	Live
2	Still

Type of Death

Code	Type of Death
1	Early Neonatal Death
2	Stillbirth

Type of Stillbirth

Code	If Stillbirth, when did Death Occur
1	Before Labour
2	During Labour
3	Not Known

Appendix III – Classifications

A number of classifications are used to code NPRS data; details of the application of Nationality, Occupation and Cause of Death coding are available in the following Appendices.

Variable	Classification
Nationality	General Register Office (GRO). Central Statistics Office (CSO)
Occupation	Central Statistics Office (CSO)
Cause of Death	International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Vols. 1-3. Geneva: World Health Organisation See http://www.who.int/classifications/icd/en/
Main disease or congenital malformation affecting infant	
Other diseases or congenital malformations affecting infant	
Main maternal disease or condition affecting foetus or infant	
Other maternal diseases or conditions affecting foetus or infant	

Appendix III - Nationality

Nationality for mother and father is defined by the place of their birth. This definition is for the sole purpose of giving the necessary directions for the completion of the Birth Notification Form and is not a legal definition.

Nationalities have been coded and classified into groupings according to a system devised by the CSO, see below:

Ireland includes the following:

Ireland
Irish American
Irish English
Irish European
Irish Other.

UK includes the following:

England
Great Britain
Northern Ireland
Scotland
Wales.

EU 15 (excluding Ireland and the UK) includes the following:

Austria	Italy
Belgium	Luxembourg
Denmark	Netherlands
Finland	Portugal
France	Spain
Germany	Sweden.
Greece	

EU 15 to EU 27 includes the following:

Bulgaria	Lithuania
Cyprus	Malta
Czech Republic	Poland
Estonia	Slovakia
Hungary	Slovenia
Latvia	Romania.

Rest of Europe includes the following:

Andorra	Jersey
Armenia	Liechtenstein
Azerbaijan	Macedonia, The Former Yugoslav Republic of,
Belarus	Moldova, Republic of
Bosnia and Herzegovina	Monaco
Croatia	Norway
Faroe Islands	Russian Federation
Georgia	San Marino
Gibraltar	Switzerland
Guernsey	Turkey
Iceland	Ukraine
Isle of Man	Vatican City
	Yugoslavia, Federal Republic of.

Africa includes the following:

Algeria	Malawi
Angola	Mali
Benin	Mauritania
Botswana	Mauritius
Burkina Faso	Mayotte
Burundi	Morocco
Cameroon	Mozambique
Cape Verde	Namibia
Central African Republic	Niger
Chad	Nigeria
Comoros	Reunion
Congo	Rwanda
Congo, The Democratic Republic of the	Saint Helena
Cote d'Ivoire	Sao Tome and Principe
Djibouti	Senegal
Egypt	Seychelles
Equatorial Guinea	Sierra Leone
Eritrea	Somalia
Ethiopia	South Africa
Gabon	Sudan
Gambia	Swaziland
Ghana	Tanzania, United Republic of
Guinea	Togo
Guinea-Bissau	Tunisia
Kenya	Uganda
Lesotho	Western Sahara
Liberia	Zambia
Libyan Arab Jamahiriya	Zimbabwe.
Madagascar	

Asia includes the following:

Afghanistan	Macao
Bahrain	Malaysia
Bangladesh	Maldives
Bhutan	Mongolia
British Indian Ocean Territory	Myanmar
Brunei Darussalam	Nepal
Cambodia	Oman
China	Pakistan
East Timor	Palestinian Territory, Occupied
Hong Kong	Philippines
India	Qatar
Indonesia	Saudi Arabia
Iran, Islamic Republic of	Singapore
Iraq	Sri Lanka
Israel	Syrian Arab Republic
Japan	Taiwan, Province of China

Jordan	Tajikistan
Kazakhstan	Thailand
Korea, Democratic People's Republic of	Turkmenistan
Korea, Republic of	United Arab Emirates
Kuwait	Uzbekistan
Kyrgyzstan	Vietnam
Lao People's Democratic Republic	Yemen.
Lebanon	

America includes the following:

Anguilla	Guyana
Antigua and Barbuda	Haiti
Argentina	Honduras
Aruba	Jamaica
Bahamas	Martinique
Barbados	Mexico
Belize	Montserrat
Bermuda	Netherlands Antilles
Bolivia	Nicaragua
Brazil	Panama
Canada	Paraguay
Cayman Islands	Peru
Chile	Puerto Rico
Colombia	Saint Kitts and Nevis
Costa Rica	Saint Lucia
Cuba	Saint Pierre and Miquelon
Dominica	Saint Vincent and the Grenadines
Dominican Republic	Suriname
Ecuador	Trinidad and Tobago
El Salvador	Turks and Caicos Islands
Falkland Islands (Malvinas)	United States
French Guiana	Uruguay
Greenland	Venezuela
Grenada	Virgin Islands, British
Guadeloupe	Virgin Island, US.
Guatemala	

Australia includes the following:

Australia.

New Zealand and Other Oceania includes the following:

American Samoa	Niue
Antarctica	Norfolk Island
Bouvet Island	Northern Mariana Islands
Christmas Island	Palau
Cocos (Keeling) Islands	Papua New Guinea
Cook Islands	Pitcairn
Fiji	Samoa
French Polynesia	Solomon Islands
French Southern Territories	South Georgia and the South Sandwich Islands

Guam	Svalbard and Jan Mayen
Heard Island and McDonald Islands	Tokelau
Kiribati	Tonga
Marshall Islands	Tuvalu
Micronesia, Federated States of	United States Minor Outlying Islands
Nauru	Vanuatu
New Caledonia	Wallis and Futuna.
New Zealand	

Multi-Nationality includes the following:

Mixed/Multi-Nationality (stated as so).

No Nationality:

Stated as so.

Not Stated:

Where nationality is not provided.

Not Applicable:

This applies to father's nationality only. Where mother's civil status is stated as 'never married', 'widowed', 'separated' or 'divorced' the General Register Office does not require father's details to register the birth, and as such this information is generally not provided. If a nationality is given for the father then the appropriate nationality code has been used. For the purposes of presenting data on father's nationality in this report, the categories 'Not Applicable' and 'Not Stated' are combined.

All Other Nationalities:

Where nationality is not recorded to any category listed above.

Appendix III - Occupation

This item of information should be completed in as much detail as possible using any special name by which the job is known and stating the type of work done. For example, a CIE railway porter should be entered 'Railway Porter', not simply as 'Porter' or 'CIE worker'. Abbreviations should be avoided and occupation should be recorded rather than the employer. For example, 'Factory Worker at A Company Ltd' or 'Line Manager at A Company Ltd' should be recorded rather than 'A Company Ltd'.

If Retired or Unemployed, the previous occupation should be stated e.g. 'Retired Civil Engineer', 'Unemployed Nurse'. If father is deceased, state what his occupation was e.g. 'Deceased Garda Sergeant'.

If engaged in full-time studies, 'Student' should be recorded. If the father is on a FAS Community Employment Scheme or other such scheme, the nature of the job should be entered. For example, 'Classroom Assistant', 'Grounds Man' etc.

If temporarily engaged in home duties, the previous occupation should be stated. If permanently doing so, 'Home Duties' should be entered.

Particular attention should be paid to occupations such as 'Engineer', 'Technician', 'Building Worker' etc. Where 'Engineer' is recorded please also state the type of engineer as well as the professional status, e.g. 'Mechanical Engineer' (professional).

Particular attention should also be paid to titles such as 'Manager' and 'Self-Employed' e.g. if self-employed, may be described as 'Self-Employed, employing others'.

For Civil Servants and Local Government Employees, the grade should be stated and for Army or Garda personnel, the rank should be stated. For example, 'Garda Inspector', 'Army Private', 'County Council Labourer', 'Clerical Officer, Civil Service'.

For Teachers, the branch of teaching should be stated, i.e. 'Primary Teacher', 'Vocational Teacher', 'Montessori Teacher'.

Descriptions should be as precise as possible.

Socio-Economic Groups

Occupations have been coded and classified in a set of socio-economic groups according to a system devised by the CSO, *1991 Census of Population, Volume 6*. The final CSO category of 'Unknown' has been differentiated into five distinct groups for the purposes of the Perinatal Reporting System.

These are 'Unemployed', 'Not Classifiable', 'Not Applicable', 'Home Duties', and 'Not Stated'.

Occupation is coded as unemployed when occupation is given as unemployed and where no previous occupation is stated. If a previous occupation is stated then occupation is coded to the relevant category. 'Not Classifiable' has been used to categorise indecipherable, unclear, or unlisted occupations where efforts to clarify the information have failed. 'Home Duties' is entered where occupation has been entered as 'full-time mother/father/parent', 'stay at home mother/father/parent', 'housewife', 'home duties', etc. 'Not Stated' applies to those cases where either the mother's or father's occupation has been left blank or has been recorded as 'Unknown'.

The full list of socioeconomic groups used in this report is as follows:

Code	Major Socio-economic Group
0	Farmers and Farm Managers
1	Other agricultural occupations and Fishermen
2	Higher professional
3	Lower professional
4	Employers and Managers
5	Salaried Employees
6	Intermediate non-manual workers
7	Other non-manual workers
8	Skilled manual workers
9	Semi- skilled manual workers
10	Unskilled manual workers
11	Unemployed
12	Not Classifiable
13	Not applicable
14	Home Duties
99	Not Stated

Under Father's occupation, the following applies:

'Not Applicable' is entered when the civil status of the mother has been given as single, widowed, separated or divorced, and where father's occupation has been left blank. 'Not Stated' applies to those cases where the marital status of the mother is recorded as either married or not stated, and where father's occupation has been left blank or has been recorded as 'Unknown'. In either case, if an occupation is given for the father then the appropriate occupational code has been used. For the purposes of presenting data on father's occupation in this report, the categories 'Not Applicable' and 'Not Stated' are combined.

Appendix III - Cause of Death Classification

The main cause of death has been determined according to the guidelines set out by the WHO in the Tenth Revision of the ICD.³⁶ The principal coding criteria are summarised here.

The main cause of death should as far as possible indicate the pathological condition of the infant or foetus which, in the opinion of the certifier, made the greatest contribution towards the death.

The following rules are extracted from *ICD-10, Second Edition, 2005, 4. Rules and guidelines for mortality and morbidity coding*. These rules have been applied to cause of death coding in the NPRS data set as follows:

Section (A) – main disease or condition in foetus or infant

Section (B) – other diseases or conditions in foetus or infant

Section (C) – main maternal disease or condition affecting foetus or infant

Section (D) – other maternal disease or condition affecting foetus or infant.

Rule P1. Mode of death or prematurity entered in section (a):

If heart or cardiac failure, asphyxia or anoxia (any condition in P20.-, P21.-) or prematurity (any condition in P07.-) is entered in section (a) and other conditions of the infant or foetus are entered in either section (a) or section (b), code the first-mentioned of these other conditions as if it had been entered alone in section (a) and code the condition actually entered in section (a) as if it had been entered in section (b).

Rule P2. Two or more conditions entered in sections (a) or (c):

If two or more conditions are entered in section (a) or section (c), code the first-mentioned of these as if it had been entered alone in section (a) or (c) and code the others as if they had been entered in sections (b) or (d).

Rule P3. No entry in sections (a) or (c)

If there is no entry in section (a) but there are conditions of the infant or foetus entered in section (b), code the first-mentioned of these as if it had been entered in section (a). If there are no entries in either section (a) or section (b), either code P95 (Foetal death of unspecified cause) for stillbirths or code P96.9 (Condition originating in the perinatal period, unspecified) for early neonatal deaths should be used for section (a).

Similarly, if there is no entry in section (c) but there are maternal conditions entered in section (d), code the first-mentioned of these as if it had been entered in section (c). If there are no entries in either section (c) or section (d) use some artificial code, e.g. xxx.x for section (c) to indicate that no maternal condition was reported.

³⁶ World Health Organization, 2005, *International Statistical Classification of Diseases and Related Health Problems*, 10th Revision, Vols. 1- 3. Geneva: World Health Organization

Rule P4. Conditions entered in wrong section

If a maternal condition (i.e. conditions in P00-P04) is entered in section (a) or section (b), or if a condition of the infant or foetus is entered in section (c) or section (d), code the conditions as if they had been entered in the respective correct section.

For the purpose of the cause of death tables included in this report, one further criterion has been applied. Where no infant's condition is given then, where a specific maternal condition is given (any condition in P00-P04), the main cause of death is classified under the maternal condition.

Table D1 summarises these rules.

TABLE D1

Cause of Death Coding Rules

ICD-10 Rule	Cause of Death as recorded on the Birth Notification Form				Action
	Section A	Section B	Section C	Section D	
	Main disease or condition in foetus or infant	Other disease or condition in foetus or infant	Main maternal disease or condition affecting foetus or infant	Other maternal disease or condition affecting foetus or infant	
Rule 1	Heart or cardiac failure, asphyxia, anoxia, prematurity (P20.-, P21.- or P07.-)	Other condition	No entry	No entry	Code the stated 'other condition' in section A and move condition entered in section A to section B.
Rule 2	Two or more conditions listed	No entry	Two or more conditions listed	No entry	Code the first mentioned condition in sections A and C respectively and code the second mentioned conditions in sections B and D respectively.
Rule 3	No entry	Condition entered	No entry	Condition entered	Code the first mentioned condition in section B to section A and the first mentioned condition in section D to section C.
	No entry	No entry	No entry	No entry	Code 'Foetal death of unspecified cause' (P95) for stillbirths or 'Conditions originating in the perinatal period, unspecified' (P96.9) for early neonatal deaths in section A.
Rule 4	Maternal condition entered (P00-P04)	Maternal condition entered (P00-P04)	Infant condition entered	Infant condition entered	Code maternal conditions in sections C and D respectively. Code infant conditions in sections A and B respectively.
Additional Rule	No entry	No entry	Maternal condition (P00-P04)	No entry	Code maternal condition to section A.

Table D2 illustrates the main chapter blocks relating to cause of death categories.

TABLE D2

ICD 10, Cause of Death Codes

ICD-10 CODE	CAUSE OF DEATH
P00–P04	Foetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery
P05–P08	Disorders related to length of gestation and foetal growth
P10–P15	Birth trauma
P20–P29	Respiratory and cardiovascular disorders specific to the perinatal period
P35–P39	Infections specific to the perinatal period
P50–P61	Haemorrhagic and haematological disorders of foetus and newborn
P70–P74	Transitory endocrine and metabolic disorders specific to foetus and newborn
P75–P78	Digestive system disorders of foetus and newborn
P80–P83	Conditions involving the integument and temperature regulation of foetus and newborn
P90–P96	Other disorders originating in the perinatal period
Q00–Q07	Congenital malformations of the nervous system
Q10–Q18	Congenital malformations of eye, ear, face and neck
Q20–Q28	Congenital malformations of the circulatory system
Q30–Q34	Congenital malformations of the respiratory system
Q35–Q37	Cleft lip and cleft palate
Q38–Q45	Other congenital malformations of the digestive system
Q50–Q56	Congenital malformations of genital organs
Q60–Q64	Congenital malformations of the urinary system
Q65–Q79	Congenital malformations and deformations of the musculoskeletal system
Q80–Q89	Other congenital malformations
Q90–Q99	Chromosomal abnormalities, not elsewhere classified

All other codes (A00–O99, R00–Z99) have been classified in the category ‘all other causes’.

Appendix IV – NPRS Source Documents

[National Perinatal Reporting System \(NPRS\)](#)

[NPRS Instruction Manual](#)

[Birth Notification Form \(BNF01\) – copy Part 3](#)

[Healthcare Pricing Office](#)

Appendix V – Organisations and Useful Links

[Department of Health](#)

[Health Service Executive](#)

[HSE National Clinical Programmes - Obstetrics & Gynaecology Programme/](#)

[EURO-PERISTAT Project](#)

[Health Service Executive Code of Practice for Healthcare Records Management - Abbreviations](#)

Appendix VI – Abbreviations

BBA	Born Before Arrival
BCG	Bacillus Calmette–Guérin (vaccine)
BNF	Birth Notification form
CSO	Central Statistics Office
DoH/DoHC	Department of Health/Department of Health & Children
ENND	Early Neonatal Death
ESRI	Economic and Social Research Institute
GRO	General Register Office
GP	General Practitioner
HSE	Health Service Executive
HPO	Healthcare Pricing Office
ICD-10	International Statistical Classification of Diseases and Related Health Problems, 10th Revision
NPRS	National Perinatal Reporting System
PAS	Patient Administration System
WHO	World Health Organization

