



Midwives' Notification System

Birth Notification Extract Specification

Version Number: **BN4**

Document Version Number 1.5

Document Version Released Mar 2017

What's new in this version?

All items highlighted in yellow are changes to specifications being provided for births in period from 1st July 2017. **Changes in this document version are highlighted in Green.**

Previously mandatory data not yet included

All items in a red box are mandatory but are not currently provided in BN3 files. Changes to BN4 data files must include programming to provide these missing mandatory items.

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Overview

Background

The Birth Notification referred to in this document is a data file containing one or more records of recent births. The WA Health Act 1911 requires reporting of these data within 48 hours of the birth occurring.

This document provides the Birth Notification specification for data items and file including naming, format, structure and transfer protocols to be applied to reporting systems at sites.

This Version must be implemented for reporting births occurring from **1st July 2017.**

Receiving System

Birth Notification files received by email account royalstCHN@health.wa.gov.au will be processed each Monday, Wednesday and Friday by the Maternal and Child Health Unit at the Department of Health.

If these days fall on a public holiday, the files will be processed the preceding or following business day.

A series of MS macros are utilised to:

- extract the record data from files attached to the email and create an MS Word document for each infant's record reported in the batch,
- transmit the MS Word document to the Child Health Service for the maternal address, and
- archive the data files received for future reference

Macros require that all Birth Notification data files will conform to the document name and type; and field names, values, formats, definitions defined in this document.

File Format

The MS macros accept file types of MS Excel, comma separated variables or text. These file types are usually indicated by suffix extensions of .xls, .xlsx, .csv or .txt.

The name of the Birth Notification file must be consistent. All file types must have the same name and appropriate file extension for example:

- CHNSummary.xls
- CHNSummary.xlsx
- CHNSummary.csv
- CHNSummary.txt

The birth records reported in MS Excel or CSV file format must all be reported on one worksheet. The name of the worksheet must be:

- CHNSummary

The first row of data for the Birth notification file must be data item names (column headings). These data items must be in the correct order as outlined below.

Secure File Transfer

Procedures for submission of data files should include encryption of named data. The Department of Health has provided My File Transfer or MyFT for this purpose.

The email account birthdata@health.wa.gov.au is licensed to receive encrypted data submissions. MyFT is available to users both within and outside of the WA Health.

Files submitted via MyFT to birthdata@health.wa.gov.au will have personal health information protected.

Delivery

Records should be included in the extract when data fields indicated below have been completed. Some information may not be able to be determined at time of providing Birth Notification. It is best to provide an incomplete Birth Notification than to delay while waiting to obtain information.

Birth Notification files are accepted at any time. They must be submitted at least three times a week if births have occurred since the last report.

If data files are being submitted on a business day please **send before midday** to ensure inclusion in that day's delivery to Child Health Services.

Birth Notification data files are to be received as an attachment to an email to the RoyalStCHN@health.wa.gov.au Microsoft (MS) Outlook email account.

The Email subject line must be formatted to enable identification of Establishment providing Birth Notification and the date on which it was provided.

The subject line for the email must be:

- CHN Report - <Establishment> <DD/MM/YYYY>
example: CHN Report – KEMH 14/04/2015

Updates/Corrections

Updates/corrections may be submitted to the Maternal and Child Health Unit when necessary.

Birth Notification File

The following table lists and describes the data items in the order they must appear in each Birth Notification data file.

All items (columns) must be included in the correct order, in every file whether they contain data or not.

All data fields for items marked “Yes” in the **Mandatory** column of the table below must contain valid data.

All data fields for items marked “No” in the **Mandatory** column of the table below should contain NULL value or valid data if a value for the data item is applicable and available.

All data fields for items marked “If available” in the **Mandatory** column of the table below can be provided by reporting systems that enable provision of this information the Child Health Services. These data items are not required by the WA Health Act 1911 and associated Regulations. Data fields must be NULL or if data provided it must be valid values and format.

File Specification Notes

1. Residential address and other text values should not contain tabs or new line/carriage return characters.
2. The Text (txt) format file provided by Ramsay sites has significant differences from the file specification and from files provided by other systems. These differences include:
 - missing data fields
 - order of some data fields
 - format of some data values
 - incomplete data values i.e. only date provided when date and time required

CDIS File Specification

Note that in the following table, the item “CDIS” refers to the **Child Development Information System** which receives these data files for the Child Health Services managing all metropolitan births.



File Specification

Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type →						CSV	CSV	Txt	XLS
1. A	Mothers UMRN	Mother's Unique Medical Record Number	X(12)	G1234567 1234567890	Yes	Yes	Yes	Yes	Mothers UMRN
2. B	Medicare Number	Indication whether a medicare number has been recorded for mother	X(3)	Yes No	If available	Yes	Yes	No field	Medicare Number
3. C	Mothers Name	Mother's Name <SURNAME>, <First Name> <Other Names>	X(90)	SMITH, Laura Jane BROWN-SOUTH, Mary-Jane Sarah	Yes	Yes	Yes	Yes	Mothers Name
									Mothers Fname
4. D	Maiden Name	Mother's surname at time of her birth registration	X(30)	SMITH BROWN-SOUTH NULL	No	Yes	NULL	No field	Maiden Name
5. E	Mothers DOB	Mother's Date of Birth	Date	DD/MM/YYYY	Yes	Date	Date	Text	Mothers DOB
6. F	Address Line 1	Current residential address of Mother	X(30)	11 Jane Street	Yes	Yes	Yes	Yes	Address Line 1
7. G	Address Line 2		X(30)	Can be NULL	No	Yes	Yes	Yes	Address Line 2
8. H	Address Line 3		X(30)	Can be NULL	No	Yes	Yes	Yes	Address Line 3
9. I	Suburb	Suburb for address of Mother	X(30)	ARMADALE	Yes	Yes	Yes	Yes	Suburb
10.J	State	State of residence of Mother Short format	A(3)	WA, VIC	Yes	Yes	Yes	Yes	State
11.K	Postcode	Postcode of place of residence for Mother	N(4)	6000	Yes	Yes	Yes	Yes	Postcode
12.L	Telephone	Contact number for Mother. At least one contact number is required when possible.	X(30)	08 9311 2222 or 0400 111 222 or No phone	Yes	Text	Num & Text	Text	Telephone
13.M	Mobile		X(30)	0400 222 333 or NULL	No	Text	Num	No field	Mobile
14.N	Ethnic Origin	Ethnic origin of Mother including aboriginal status	X(30)	Caucasian or 1 If not known - Not	Yes	Yes	Yes	Num	Ethnic Origin

Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
				specified					
15.O	Language	Language requiring interpreter (may be blank if no Interpreter required)	X(30) or N(4)*	Arabic or Greek OR 4202 or 2201	Yes	Yes	Yes	Yes	Main Language
16.P	Interpreter Required?	Whether an interpreter is required by the Mother when not English speaking.	X (3)	Yes No	Yes	Yes	Yes	Yes	Interpreter Required?
17.Q	Previous Pregnancies	The number of previous pregnancies of the Mother	N(2)	3	Yes	Yes	Yes	Yes	Previous Pregnancies
18.R	Live Births	Number of previous Livebirths for Mother	N(2)	1	Yes	Yes	Yes	Yes	Live Births
19.S	Still Births	Number of previous Stillbirths for Mother	N(2)	0	Yes	Yes	Yes	Yes	Still Births
20.T	Born Alive Now Dead	Number of previous live children that are now deceased.	N(2)	0	Yes	Yes	Yes	Yes	Born Alive Now Dead
21.U	Abortions Miscarriages Ectopics	Number of unaccounted for previous pregnancies and/or any that fit under the listed. Not required.	N(2)	0	If available	Yes	No	Yes	Abortions Miscarriages Ectopics
22.V	Hydatidiform Moles	Hydatidiform Moles is entered as a number when appropriate.	N(2)	0	If available	Yes	Yes	Yes	Hydatidiform Moles
23.W	Previous Multiple Birth	Did Mother have any previous multiple births?	X(3)	Yes or Y or 1 No or N or 2	Yes	Yes	Yes	Yes	Previous Multiple Birth
24.X	Diabetes in Pregnancy	Gestational Diabetes as Pregnancy Complication	X(30)	Gestational Diabetes NULL or N or No	No	Yes	Yes	Yes	Diabetes in Pregnancy
25.Y	EPDS Score at 3 rd Trimester	Edinburgh Postnatal Depression Scale Score in 3 rd Trimester of Pregnancy	N(2)	0 13 NULL	If available	Yes	Yes	No	EPDS Score at 3 rd Trimester
26.Z	Baby UMRN	Unique Medical Record Number of the Baby. Should be provided when available.	X(12)	G1234567 1234567890 or NULL for stillbirths	If available	Yes	Yes	Yes	Baby UMRN

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Maternal and Child Health Unit, DID, PAQD, Department of Health, Western Australia

Last reviewed: Dec 2013, Nov 2014, Nov 2015, Jan 2017, Mar 2017 Next Review: Nov 2017

Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
27.AA	Method Of Birth	Birth or delivery method of this infant	X(30)	Spontaneous Elective Caesarean Emergency Caesarean Vacuum Extraction Forceps etc	Yes	Yes	Yes	Yes	Method Of Birth
28.AB	Status At Birth	Status of baby at birth	X(30)	Liveborn or Live Birth etc Stillborn	Yes	Yes	Yes	Yes	Status At Birth
29.AC	Baby DOB	Date and time of birth of this infant	Date/Time	DD/MM/YYYY HH:MM	Yes	Yes	Yes	Yes	Baby DOB
30.AD	Gender	Sex of this infant	X(30)	Female Male Indeterminate	Yes	Yes	Yes	Yes	Gender
31.AE	Indigenous Status	Aboriginal Status of Infant	N(1)	1 – Aboriginal not TSI 2 – TSI not Aboriginal 3 – Aboriginal and TSI 4 – Other	Yes	Yes	Yes	Yes	Indigenous Status
32.AF	Gestation At Birth	Gestation of the pregnancy at the time of this infant's birth Can be reported as whole completed weeks or weeks and days like WW.D	N(3)	39 or 39.6 (39 wks+6 dys)	Yes	Yes as 39.6	Yes as 39	Yes as text "41 Weeks 2 Days"	Gestation At Birth
33.AG	Birth Weight	Weight of this infant at birth (in grams)	N(4)	3250 If not known 9999	Yes	Yes	Yes	Yes	Birth Weight
34.AH	Birth Length	Length of this infant at birth (in cms)	N(2)	52 If not known 99	Yes	Yes	Yes as 52.5	Yes	Birth Length
35.AI	Birth Head Circum.	Circumference of infant's head at birth (in cms)	N(2)	32 If not known 99	Yes	Yes	Yes as 32.5	Yes as 32.5	Birth Head Circum.
36.AJ	Regular Respirations At	Time to establish regular unassisted breathing (in minutes)	N(2)	1 If 30sec report 1 not 0	Yes	Yes	Yes	Yes	Regular Respirations At

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Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
				If SB report 0 If not known i.e. BBA report 98					
37.AK	APGAR Score - 1 min	1 minute Apgar Score for this infant	N(2)	7 10 If SB report 0 If not known i.e. BBA or ventilated report 99	Yes	Yes	Yes	Yes	APGAR Score - 1 min
38.AL	APGAR Score - 5 mins	5 minute Apgar Score for this infant	N(2)	7 10 If SB report 0 If not known i.e. BBA report 99	Yes	Yes	Yes	Yes	APGAR Score - 5 mins
39.AM	Special Care Nursery	Special care nursery at birth site, this infant was admitted to, if applicable.	X(30)	Level 2.... Level 3.... Yes or No NULL	No	Yes	Yes	Yes	Special Care Nursery
40.AN	Baby Outcome	Discharge outcome of this infant	X(30)	Discharged Transferred Died NULL	No	Yes	No	No	Baby Outcome
41.AO	Transferred To	Destination establishment of this infant, if transferred.	X(30)	Rockingham General Hospital NULL	No	Yes	Yes	No	Transferred To
42.AP	Estimated gestation weeks at first antenatal visit	The estimated gestation for mother's first antenatal visit in weeks	X(2)	8 23 If not known 99 If no AN Care 98	Yes	Yes	Yes	Only Peel data in col 42	Estimated gestation weeks at first antenatal visit
43.AQ	No. cigs smoked before 20 wks	Average number of tobacco cigarettes smoked each day before 20 wks gestation	N(3)	0 12 If not known 999 If occasional 998	Yes	Yes	Yes	Only Peel data in col 43 NULL used others	No. cigs smoked before 20 wks
44.AR	No. cigs smoked after	Average number of tobacco cigarettes smoked each day	N(3)	0 12	Yes	Yes	Yes	Only Peel data in col	No. cigs smoked

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Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
	20 wks	from 20 wks gestation		If not known 999 If occasional 998				44 NULL used others	after 20 wks
45.AS	Essential Hypertension	Diagnosed with Essential Hypertension.	A(30)	Essential Hypertension NULL	No	Yes	No	Reported as MCOND1 with value 1 or NULL	Essential Hypertension
46.AT	Pre-Existing Diabetes	Diagnosed with Pre-Existing Diabetes.	A(30)	Diabetes - Type 1 Diabetes - Type 2 NULL	No	Yes	Yes	Reported as MCOND2 with value 2 or NULL	Pre-Existing Diabetes
47.AU	Asthma	Diagnosed with Asthma.	A(30)	Asthma NULL	No	Yes	Yes	Reported as MCOND3 with value 3 or NULL	Asthma
48.AV	Genital Herpes	Diagnosed with Genital herpes either active or inactive.	A(30)	Herpes.... NULL	No	Yes	No	Reported as MCHOND4 with value 4 or NULL	Genital Herpes

Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS					
File Type→						CSV	CSV	Txt	XLS					
49.AW	MCOND1	Any additional medical conditions of Mother.	X(10) ICD 10 Codes only One per field. Start from MCON D1	F41.1	NO Replaced by Medical Conditions 77.BY	Yes	Yes	No	MCOND1 ICD10 code					
														MCOND1def ICD10 text
50.AX	MCOND2			F32.9					MCOND2 ICD10 code					
									MCOND2def ICD10 text					
51.AY	MCOND3			D50.9					MCOND3 ICD10 code					
									MCOND3def ICD10 text					
52.AZ	MCOND4								MCOND4 ICD10 code					
									MCOND4def ICD10 text					
53.BA	MCOND5								MCOND5 ICD10 code					
									MCOND5def ICD10 text					
54.BB	MCOND6		MCOND6 ICD10 code											
			MCOND6def ICD10 text											
55.BC	MCOND7		MCOND7 ICD10 code											
			MCOND7def ICD10 text											
56.BD	MCOND8		MCOND8 ICD10 code											
			MCOND8def ICD10 text											
57.BE	MCOND9		MCOND9 ICD10 code											
			MCOND9def											

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Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
58.BF	MCOND10								ICD10 text MCOND10 ICD10 code
59.BG	MCOND11								MCOND10def ICD10 text MCOND11 ICD10 code
60.BH	MCOND12								MCOND11def ICD10 text MCOND12 ICD10 code
61.BI	MCOND13								MCOND12def ICD10 text MCOND13 ICD10 code
62.BJ	MCOND14								MCOND13def ICD10 text MCOND14 ICD10 code
63.BK	MCOND15								MCOND14def ICD10 text MCOND15 ICD10 code
64.BL	Parity	The number of previous pregnancies resulting in birth of a baby >= 20 wks	N(2)	3	Yes	Yes	Yes	Only Peel data	Parity
65.BM	Pregnancy Hypertension	Diagnosed with Gestational Hypertension or Pre-Eclampsia or Pre-Eclampsia	A(42)	Gestational Hypertension Pre-Eclampsia	Yes	Yes	Yes	Only Peel data	Pregnancy Hypertension

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Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
		superimposed on Hypertension		Pre-Eclampsia superimposed on Hypertension					
66.BN	Plurality	The number of infants from pregnancy	N(1)	1-Singleton 2-Twin	Yes	Yes	Yes	Yes	Plurality
67.BO	Influenza Vaccination	Whether received and the trimester of pregnancy when received Influenza vaccination	N(2)*	01-Yes 1 st Trimester 02-Yes 2 nd Trimester 03-Yes 3 rd Trimester 04-Yes Unk Trimester 05-Not vaccinated 99-Unk if Vaccinated	Yes	Yes	Yes	Yes	Influenza Vaccination
68.BP	Pertussis Vaccination	Whether received and the trimester of pregnancy when received pertussis vaccination	N(2)*	01-Yes 1 st Trimester 02-Yes 2 nd Trimester 03-Yes 3 rd Trimester 04-Yes Unk Trimester 05-Not vaccinated 99-Unk if Vaccinated	Yes	Yes	Yes	Yes	Pertussis Vaccination
69.BQ	Water Birth	Whether baby was born immersed in water	X(3)	Yes or Y or 1 No or N or 2	Yes	Yes	Yes	Yes	Water Birth
70.BR	Alcohol Frequency	Frequency of Drinking an alcoholic drink		01-Never 02-Monthly 03-2 to 4 times a month 04-2 to 3 times a week 05-4 or more times	Yes	Yes	Yes	Yes	Alcohol during pregnancy frequency

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Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
				a week 99-Unknown					
71.BS	Alcohol Number	Number of standard alcohol drinks on a typical day	N(2)	XX	Yes	Yes	Yes	Yes	Alcohol during pregnancy number
72.BT	Depression/Anxiety Screening	Was screening for depression/anxiety conducted (For Stork this is derived from EPDS 1 st Trimester data)	N(1)	1-Yes 2-No 3-Declined 9-Unknown	Yes	Yes	Yes	Yes	Screening for depression/anxiety
73.BU	Mental Health follow up	Was additional follow up indicated for perinatal mental health risk factors(For Stork this is derived from EPDS 1 st Trimester data)	N(1)	1-Yes 2-No 7-Not applicable 9-Unknown	Yes	Yes	Yes	Yes	Follow up mental health risk factors
74.BV	Depression/Anxiety Screening	Was screening for depression/anxiety conducted (Stork only, derived from EPDS 3rd Trimester data)	N(1)	1-Yes 2-No 3-Declined 9-Unknown	Yes	Yes	NO	NO	Screening for depression/anxiety
75.BW	Mental Health follow up	Was additional follow up indicated for perinatal mental health risk factors (Stork only, derived from EPDS 3rd Trimester data)	N(1)	1-Yes 2-No 7-Not applicable 9-Unknown	Yes	Yes	NO	NO	Follow up mental health risk factors
76.BX	Complications of pregnancy	'CMP' followed by a List any complications of the pregnancy (Up to 19 times 3 Digit codes)	X(60)	Pregnancy Complication Code	Yes	Yes	Yes	Yes	Complications of pregnancy
77.BY	Medical conditions	'MDC' followed by a List any medical conditions of the mother(Up to 19 times 3 Digit codes)	X(60)	Medical Condition Codes	Yes	Yes	Yes	Yes	Medical conditions
78.BZ	Complications of labour and birth	'CML' followed by a List any complications of the labour and birth(Up to 19 times 3 Digit codes)	X(60)	Labour complications	Yes	Yes	Yes	Yes	Complications of labour and birth

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Field Order	Field Name	Description	Format	Example	Mandatory	Stork	SJOG	Ramsay	CDIS
File Type→						CSV	CSV	Txt	XLS
									Hospital Name
									Date Processed
									Destination
									Data system

The Specifications above for Data provision has been expedited to allow developers enough time to code the necessary changes and to test them well before the required implementation date. Some changes to the Birth Notification Form(below) to be produced have been made, but the final form product has not yet been completed. (To be advised)

* Where a numeric value is provided the Macro administered by the MCHU will insert the text description of the numeric value into the Word document version of the Birth Notification.



MS Macro for Document Creation

Data provided as specified in the table above is utilised by the WA Department of Health to create reports for Child Health Services.

The MS Macros employed by the Maternal and Child Health Unit extract data from Birth Notification files to create individual MS Word documents for each baby's record.

A template for this document is provided below indicating where each of the data fields are utilised to create the MS Word document.

There is a second MS Macro specifically used for the text file provided by the Ramsay system. This is required because there are such significant differences in the format of this file and the information provided.

Birth Notification

<Establishment>

<Date created>

Mother's Details

Personal and Contact Details			
UMRN	<Field 1. A>	Medicare	<Field 2. B>
Surname	Part <FIELD 2. B>	Address	<Field 6. F>
Maiden Name	<Field 4. D>		<Field 7. G>
First name	Part <Field 2. B>	Suburb	<Field 9. I>
Date of Birth	<Field 5. E>	Postcode	Field 11. K>
Ethnic Origin	<Field 14. N>	State	<Field 10.J>
Main Language	<Field 15. O>	Telephone	<Field 12. L>
Interpreter Required	<Field 16. P>	Mobile	<Field 13. M>
Pregnancy Details		Other Medical Conditions	
Previous Pregnancies	<17.Q>	<77. BY>	Text for Code from linked table
Parity	<64. BL>	<77. BY>	Text for Code from linked table
Live Births	<18.R>	<77. BY>	Text for Code from linked table
Still Births	<19.S>	<77. BY>	Text for Code from linked table
Born Alive, Now Dead	<20.T>	<77. BY>	Text for Code from linked table
Abortions, Miscarriages, Ectopics	<21.U>	<77. BY>	Text for Code from linked table
Hydatidiform Moles	<22.AV>	<77. BY>	Text for Code from linked table
Previous Multiple Births	<23.W>	<77. BY>	Text for Code from linked table
Cigarettes smoked before 20 wks	<43.AQ>	<77. BY>	Text for Code from linked table
Cigarettes smoked after 20 wks	<44.AR>	<77. BY>	Text for Code from linked table
Estimated Gestation Weeks at First Antenatal Visit	<42.AP>	<77. BY>	Text for Code from linked table
		<77. BY>	Text for Code from linked table
		<77. BY>	Text for Code from linked table
Medical Details		EPDS Score at 3 rd Trimester <25.Y>	
Diabetes in Pregnancy	<24.X>	Plurality of Birth	<66.BN>
Pre-existing Diabetes	<46.AT>	Influenza Vaccine	<67.BO>
Pregnancy Hypertension	<65.BM>	Pertussis Vaccine	<68.BP>
Essential Hypertension	<45.AS>	Alcohol During Pregnancy	
Asthma	<47.AU>	Frequency	<70.BR>
Genital Herpes	<48.AU>	Volume	<71.BS>
		Depression / Anxiety	
		Screening	<73.BT>
		Follow up	<74.BU>

Baby's Details

UMRN	<Field 26. Z>	Method of Birth	<Field 27. AA>
Date of Birth	Part <Field 29. AC>	Birth Weight	<Field 33. AG>
Time of Birth	Part <Field 29. AC>	Birth Length	<Field 34. AH>
Gender	<Field 30. AD>	Birth Head Circumference	<Field 35. AI>
Aboriginal Status	<Field 31. AE>	Water Birth	<Field 69.BQ>
Status at Birth	<Field 27. AB>	Gestation At Birth	<Field 32. AF>
Special Care Nursery	<Field 39. AM>	Regular Respirations At	<Field 36. AJ>
Baby Outcome	<Field 40. AN>	APGAR Score 1 min	<Field 37. AK>
Transferred To	<Field 41. AO>	APGAR Score 5 mins	<Field 38. AL>

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Appendix (MCHU use only)

Birth Notification extracts for BN4 are of two different structures, depending on the site and data system that supplied them. These are described in the table below:

Table 1: Comparison of BN4 formats

Site/group data system	Stork (26 sites) SJOG (6 sites)	Meditech V2 (1 site)	MeditechV1 2 sites)
extract format/filetype	<i>xlsx, xls or csv</i>	<i>xlsx, xls or csv</i>	<i>txt</i> (pipe delimited)
no. of fields in extract	65	65	56
max fields transferred to BN doc	65	65	35

Table 2: Description of data fields in each file format

Field number	Expected variable (<i>csv, xls, xlsx</i> extract)	Expected variable (<i>txt</i> extract)
1	m_mothers_umrn	m_mothers_umrn
2	m_medicare_number	m_mothers_surname, m_mothers_firstname
3	m_mothers_surname, m_mothers_firstname	m_mothers_dob
4	m_mothers_maiden	m_address_line_1
5	m_mothers_dob	m_address_line_2
6	m_address_line_1	m_address_line_3
7	m_address_line_2	m_suburb
8	m_address_line_3	m_state
9	m_suburb	m_postcode
10	m_state	m_telephone
11	m_postcode	m_ethnic_origin
12	m_telephone	m_main_language
13	m_mobile	m_interpreter_required
14	m_ethnic_origin	m_previous_pregnancies
15	m_main_language	m_live_births
16	m_interpreter_required	m_still_births
17	m_previous_pregnancies	m_born_alive_now_dead

Field number	Expected variable (csv, x/s, x/sx extract)	Expected variable (txt extract)
18	m_live_births	m_abortions_miscarriages_ectopics
19	m_still_births	m_previous_multiple_birth
20	m_born_alive_now_dead	m_hydatidiform_moles
21	m_abortions_miscarriages_ectopics	m_preexisting_diabetes
22	m_hydatidiform_moles	m_diabetes_in_pregnancy
23	m_previous_multiple_birth	m_baby_umrn
24	m_diabetes_in_pregnancy	m_method_of_birth
25	m_epds_score	m_status_at_birth
26	m_baby_umrn	m_baby_dob, m_baby_birthtime
27	m_method_of_birth	m_gender
28	m_status_at_birth	m_gestation_at_birth
29	m_baby_dob, m_baby_birthtime	m_birth_weight
30	m_gender	m_birth_length
31	m_indigenous_status	m_birth_head_circum
32	m_gestation_at_birth	m_regular_respirations_at
33	m_birth_weight	m_apgar_score_1_min
34	m_birth_length	m_apgar_score_5_mins
35	m_birth_head_circum	m_special_care_nursery
36	m_regular_respirations_at	m_baby_outcome
37	m_apgar_score_1_min	m_transferred_to
38	m_apgar_score_5_mins	m_estimated_gestation_weeks
39	m_special_care_nursery	m_no_cigs_smoked_before_20_wks
40	m_baby_outcome	m_no_cigs_smoked_after_20_wks
41	m_transferred_to	m_essential_hypertension
42	m_estimated_gestation_weeks	m_preexisting_diabetes
43	m_no_cigs_smoked_before_20_wks	m_asthma
44	m_no_cigs_smoked_after_20_wks	m_genital_herpes
45	m_essential_hypertension	m_parity
46	m_preexisting_diabetes	m_preghyper
47	m_asthma	m_plurality

Birth Notification Specification "BN4" V1.4

File Location: \\hdwa.health.wa.gov.au\Shared\PAQ\EPG\IMR\DC&A SANAM and CH & RT\Midwives\Birth Notifications\Documentation\Birth Notification Specification BN4 for July 2017 Doc V1_5.docx

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Last reviewed: Dec 2013, Nov 2014, Nov 2015, Jan 2017, Mar 2017 Next Review: Nov 2017

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Field number	Expected variable (csv, x/s, x/sx extract)	Expected variable (txt extract)
48	m_genital_herpes	m_influenza_vaccination
49	m_mcond1	m_pertussis_vaccination
50	m_mcond2	m_water_birth
51	m_mcond3	m_alcohol_freq
52	m_mcond4	m_alcohol_volume
53	m_mcond5	m_depression_screen
54	m_mcond6	m_depression_followup
55	m_mcond7	m_complications_pregnancy
56	m_mcond8	m_medical_conditions
57	m_mcond9	m_complications_labour
58	m_mcond10	--unknown--
59	m_mcond11	--unknown--
60	m_mcond12	--unknown--
61	m_mcond13	--unknown--
62	m_mcond14	--unknown--
63	m_mcond15	
64	m_parity	
65	m_preghyper	
66	m_plurality	
67	m_influenza_vaccination	Fields 57 – 65 not present in txt extract
68	m_pertussis_vaccination	
69	m_water_birth	
70	m_alcohol_freq	
71	m_alcohol_volume	
72	m_depression_screen	
73	m_depression_followup	
74	m_depression_screen2	
75	m_depression_followup2	
76	m_complications_pregnancy	
77	m_medical_conditions	

Field number	Expected variable (csv, x/s, x/sx extract)	Expected variable (txt extract)
78	m_complications_labour	