

# [CODEBOOK] PREGNANCY\_OUTCOMES: Primary Pregnancy Outcome Data

## Nulliparous Pregnancy Outcomes Study (nuMoM2b)

Codebook Created: 21SEP22

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Data Set Name	DATA.PREGNANCY_OUTCOMES
Observations	8872
Variables	29
Engine	V9
Created	09/20/2022 19:57:53

PublicID	
LABEL	Public nuMoM2b ID
TYPE	char
LENGTH	6
VARNUM	1

PublicID: Distribution	n	%	n (cum)	% (cum)
6 digit ID, 5 numeric 1 alpha	8872	100.00	8872	100.00

CommercialConsent	
LABEL	Indicator of whether participant consented to allow commercial or for-profit companies to use data. Coding 1/0. See H02A04b for full context.
TYPE	num
LENGTH	8
VARNUM	2

CommercialConsent: Distribution	n	%	n (cum)	% (cum)
No	5256	59.24	5256	59.24
Yes	3616	40.76	8872	100.00

S02F01_INT	
LABEL	(S02) Project estimated date of delivery from form S02 section F question 1 - Interval
TYPE	num
LENGTH	8
VARNUM	3

S02F01_INT: Distribution	n	%	n (cum)	% (cum)
[data]	8872	100.00	8872	100.00

S02F01_INT: Statistics	Value
N	8872.00
MIN	0.00
MAX	0.00
MEAN	0.00
STD	0.00

S02F01_INT: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

pENDDATE_CA_INT	
LABEL	Pregnancy end date based on chart abstraction only - Interval
TYPE	num
LENGTH	8
VARNUM	4

pENDDATE_CA_INT: Distribution	n	%	n (cum)	% (cum)
[data]	8500	100.00	8500	100.00
Missing	372	.	8872	100.00

pENDDATE_CA_INT: Statistics	Value
N	8500.00
MIN	-236.00
MAX	24.00
MEAN	-7.44
STD	23.05

pENDDATE_CA_INT: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	-139.00	-34.00	-21.00	-10.00	-3.00	3.00	7.00	9.00	13.00

OUTCOME_avail	
LABEL	Indicates whether pregnancy outcome is available and from what source
TYPE	num
LENGTH	8
VARNUM	5

OUTCOME_avail: Distribution	n	%	n (cum)	% (cum)
Outcome available by CA	8507	95.89	8507	95.89
Outcome available by A09 only	77	0.87	8584	96.75
Outcome unavailable	67	0.76	8651	97.51
Outcome unavailable and outcome entered as DK or refused on A09	221	2.49	8872	100.00

GA_avail	
LABEL	Indicates whether gestational age at pregnancy end is available and from what source
TYPE	num
LENGTH	8
VARNUM	6

GA_avail: Distribution	n	%	n (cum)	% (cum)
GA available by CA	8500	95.81	8500	95.81
GA available by A09 only	70	0.79	8570	96.60
GA unavailable	79	0.89	8649	97.49
GA unavailable and no outcome info indicated on A09	223	2.51	8872	100.00

pOUTCOME_CA	
LABEL	Pregnancy outcome based on chart abstraction only
TYPE	num
LENGTH	8
VARNUM	7

pOUTCOME_CA: Distribution	n	%	n (cum)	% (cum)
Live birth	8374	98.44	8374	98.44
Stillbirth	45	0.53	8419	98.97
Fetal demise < 20 wks	62	0.73	8481	99.69
Elective termination	9	0.11	8490	99.80
Indicated termination	17	0.20	8507	100.00
Missing	365	.	8872	100.00

pOUTCOME	
LABEL	Pregnancy outcome based on chart abstraction & A09
TYPE	num
LENGTH	8
VARNUM	8

pOUTCOME: Distribution	n	%	n (cum)	% (cum)
Live birth	8432	98.23	8432	98.23
Stillbirth	48	0.56	8480	98.79
Fetal demise < 20 wks	72	0.84	8552	99.63
Elective termination	14	0.16	8566	99.79
Indicated termination	18	0.21	8584	100.00
Don't Know (D)	1	.	8585	100.00
No Info (R)	220	.	8805	100.00
Missing	67	.	8872	100.00

PROM	
LABEL	Premature rupture of membranes based on CMAC06c & CMAC06d
TYPE	num
LENGTH	8
VARNUM	9

PROM: Distribution	n	%	n (cum)	% (cum)
Spontaneous, not augmented	1318	15.73	1318	15.73
Spontaneous, augmented	6229	74.33	7547	90.06
Induced	794	9.47	8341	99.53
Cesarean w/o labor or induction	39	0.47	8380	100.00
Missing	492	.	8872	100.00

SPONTANEOUS	
LABEL	Spontaneous or indicated based on PROM and CMAC06
TYPE	num
LENGTH	8
VARNUM	10

SPONTANEOUS: Distribution	n	%	n (cum)	% (cum)
Spontaneous	5321	63.16	5321	63.16
Indicated	2904	34.47	8225	97.64
Unknown	199	2.36	8424	100.00
Missing	448	.	8872	100.00

SBTiming	
LABEL	Antepartum or intrapartum for stillbirths (CBCA02)
TYPE	num
LENGTH	8
VARNUM	11

SBTiming: Distribution	n	%	n (cum)	% (cum)
Antepartum	37	82.22	37	82.22
Intrapartum	8	17.78	45	100.00
Missing	8827	.	8872	100.00

GAwksCA	
LABEL	Gestational age (completed weeks) at pregnancy end using S02F01 and date pregnancy ended from chart abstraction (pEndDate_CA)
TYPE	num
LENGTH	8
VARNUM	12

GAwksCA: Distribution	n	%	n (cum)	% (cum)
[data]	8500	100.00	8500	100.00
Missing	372	.	8872	100.00

GAwksCA: Statistics	Value
N	8500.00
MIN	6.00
MAX	43.00
MEAN	38.52
STD	3.31

GAwksCA: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	20.00	35.00	37.00	38.00	39.00	40.00	41.00	41.00	41.00

GAdysCA	
LABEL	Gestational age (days) at pregnancy end using S02F01 and date pregnancy ended from chart abstraction (pEndDate_CA)
TYPE	num
LENGTH	8
VARNUM	13

GAdysCA: Distribution	n	%	n (cum)	% (cum)
[data]	8500	100.00	8500	100.00
Missing	372	.	8872	100.00

GAdysCA: Statistics	Value
N	8500.00
MIN	0.00
MAX	6.00
MEAN	2.92
STD	2.02

GAdysCA: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	0.00	0.00	0.00	1.00	3.00	5.00	6.00	6.00	6.00

GAwksA09	
LABEL	Gestational age (completed weeks) at pregnancy end using S02F01 and date pregnancy ended from A09
TYPE	num
LENGTH	8
VARNUM	14

GAwksA09: Distribution	n	%	n (cum)	% (cum)
[data]	8560	100.00	8560	100.00
Missing	312	.	8872	100.00

GAwksA09: Statistics	Value
N	8560.00
MIN	6.00
MAX	93.00
MEAN	38.52
STD	3.38

GAwksA09: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	20.00	35.00	37.00	38.00	39.00	40.00	41.00	41.00	41.00

GAdysA09	
LABEL	Gestational age (days) at pregnancy end using S02F01 and date pregnancy ended from A09
TYPE	num
LENGTH	8
VARNUM	15

GAdysA09: Distribution	n	%	n (cum)	% (cum)
[data]	8560	100.00	8560	100.00
Missing	312	.	8872	100.00

GAdysA09: Statistics	Value
N	8560.00
MIN	0.00
MAX	6.00
MEAN	2.92
STD	2.02

GAdysA09: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	0.00	0.00	0.00	1.00	3.00	5.00	6.00	6.00	6.00

GAwksEND	
LABEL	Gestational age (completed weeks) at pregnancy end based on S02F01 and both chart abstraction & A09
TYPE	num
LENGTH	8
VARNUM	16

GAwksEND: Distribution	n	%	n (cum)	% (cum)
[data]	8565	100.00	8565	100.00
Missing	307	.	8872	100.00

GAwksEND: Statistics	Value
N	8565.00
MIN	6.00
MAX	43.00
MEAN	38.52
STD	3.31

GAwksEND: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	20.00	35.00	37.00	38.00	39.00	40.00	41.00	41.00	41.00

CA_GA	
LABEL	Gestational age (weeks & days) at pregnancy end using S02F01 and date pregnancy ended from chart abstraction (pEndDate_CA)
TYPE	char
LENGTH	20
VARNUM	17

CA_GA: Distribution	n	%	n (cum)	% (cum)
blank	372	.	372	.
[text]	8500	100.00	8872	100.00

A09_GA	
LABEL	Gestational age (weeks & days) at pregnancy end using S02F01 and date pregnancy ended from A09
TYPE	char
LENGTH	20
VARNUM	18

A09_GA: Distribution	n	%	n (cum)	% (cum)
blank	312	.	312	.
[text]	8560	100.00	8872	100.00

TYPE_CA	
LABEL	Type of livebirth/stillbirth based on chart abstraction only, derived from variables pOUTCOME_CA, GAwksCA, and SPONTANEOUS
TYPE	char
LENGTH	5
VARNUM	19

TYPE_CA: Distribution	n	%	n (cum)	% (cum)
Full term live birth	192	2.16	192	2.16
Preterm live birth	4	0.05	196	2.21
Live birth	7	0.08	203	2.29
Stillbirth	1	0.01	204	2.30
Unknown	453	5.11	657	7.41
Indicated full term live birth	2586	29.15	3243	36.55
Indicated full term stillbirth	8	0.09	3251	36.64
Indicated preterm live birth	274	3.09	3525	39.73
Indicated preterm stillbirth	29	0.33	3554	40.06
Spontaneous full term live birth	4909	55.33	8463	95.39
Spontaneous full term stillbirth	1	0.01	8464	95.40
Spontaneous preterm live birth	402	4.53	8866	99.93
Spontaneous preterm stillbirth	6	0.07	8872	100.00

TYPE_CA_A09	
LABEL	Type of livebirth/stillbirth based on chart abstraction & A09, derived from variables pOUTCOME, GAwksEND, SPONTANEOUS, and A09A03a1.
TYPE	char
LENGTH	5
VARNUM	20

TYPE_CA_A09: Distribution	n	%	n (cum)	% (cum)
Full term live birth	246	2.77	246	2.77
Full term stillbirth	1	0.01	247	2.78
Preterm live birth	1	0.01	248	2.80
Preterm stillbirth	1	0.01	249	2.81
Live birth	4	0.05	253	2.85
Stillbirth	2	0.02	255	2.87
Unknown	392	4.42	647	7.29
Indicated full term live birth	2589	29.18	3236	36.47
Indicated full term stillbirth	8	0.09	3244	36.56
Indicated preterm live birth	277	3.12	3521	39.69
Indicated preterm stillbirth	29	0.33	3550	40.01
Spontaneous full term live birth	4910	55.34	8460	95.36
Spontaneous full term stillbirth	1	0.01	8461	95.37
Spontaneous preterm live birth	405	4.56	8866	99.93
Spontaneous preterm stillbirth	6	0.07	8872	100.00

PreGestDM	
LABEL	Pre-gestational diabetes based on CMAE03
TYPE	num
LENGTH	8
VARNUM	21

PreGestDM: Distribution	n	%	n (cum)	% (cum)
Yes	125	1.49	125	1.49
No	8286	98.51	8411	100.00
Missing	461	.	8872	100.00

oDM	
LABEL	Diabetes based on CMAE03 & glucose tolerance testing results in CLA section E
TYPE	num
LENGTH	8
VARNUM	22

oDM: Distribution	n	%	n (cum)	% (cum)
Pre-gestational diabetes	125	1.47	125	1.47
Gestational diabetes	364	4.29	489	5.77
No pre-gestational DM or GDM	7993	94.23	8482	100.00
Missing	390	.	8872	100.00

ChronHTN	
LABEL	Chronic hypertension based on CMDA01 & CMAE01
TYPE	num
LENGTH	8
VARNUM	23

ChronHTN: Distribution	n	%	n (cum)	% (cum)
Yes	201	2.39	201	2.39
No	8201	97.61	8402	100.00
Missing	470	.	8872	100.00

PEgHTN	
LABEL	Preeclampsia/Gestational HTN (worst) using nuMoM2b criteria (CMDA08a)
TYPE	num
LENGTH	8
VARNUM	24

PEgHTN: Distribution	n	%	n (cum)	% (cum)
Eclampsia	5	0.06	5	0.06
Superimposed preeclampsia	44	0.52	49	0.58
Severe preeclampsia	249	2.96	298	3.55
Mild preeclampsia	217	2.58	515	6.13
New onset antepartum HTN	594	7.07	1109	13.20

PegHTN: Distribution	n	%	n (cum)	% (cum)
New onset intrapartum/postpartum HTN	832	9.90	1941	23.10
No hypertensive disorder	6460	76.90	8401	100.00
Missing	471	.	8872	100.00

acog_PegHTN	
LABEL	Preeclampsia/Gestational HTN (worst) using adapted ACOG 2013 criteria
TYPE	num
LENGTH	8
VARNUM	25

acog_PegHTN: Distribution	n	%	n (cum)	% (cum)
Eclampsia	5	0.06	5	0.06
Superimposed preeclampsia	44	0.52	49	0.58
Severe preeclampsia	348	4.14	397	4.73
Mild preeclampsia	338	4.02	735	8.75
New onset antepartum HTN	460	5.48	1195	14.22
New onset intrapartum/postpartum HTN	746	8.88	1941	23.10
No hypertensive disorder	6460	76.90	8401	100.00
Missing	471	.	8872	100.00

bw	
LABEL	Birth weight in grams based on CBAA05 (for livebirths) or CBCA04 (for stillbirths)
TYPE	num
LENGTH	8
VARNUM	26

bw: Distribution	n	%	n (cum)	% (cum)
[data]	8381	100.00	8381	100.00
Missing	491	.	8872	100.00

bw: Statistics	Value
N	8381.00
MIN	91.00
MAX	5190.00
MEAN	3274.01
STD	573.10

bw: Percentiles	1%	5%	10%	25%	50%	75%	90%	95%	99%
Value	1334.00	2340.00	2645.00	2985.00	3310.00	3625.00	3920.00	4110.00	4510.00

SGA_alex	
LABEL	Small for gestational age using Alexander norms and birth weight recorded on CBA or CBC
TYPE	num
LENGTH	8
VARNUM	27

SGA_alex: Distribution	n	%	n (cum)	% (cum)
< 5th percentile	368	4.39	368	4.39
5th to <10th percentile	510	6.09	878	10.48
>= 10th percentile	7503	89.52	8381	100.00
Missing	491	.	8872	100.00

SGA_oken	
LABEL	Small for gestational age using Oken cutoffs and birth weight recorded on CBA or CBC
TYPE	num
LENGTH	8
VARNUM	28



SGA_oken: Distribution	n	%	n (cum)	% (cum)
< 5th percentile	335	4.00	335	4.00
5th to <10th percentile	453	5.41	788	9.40
>= 10th percentile	7593	90.60	8381	100.00
Missing	491	.	8872	100.00

SGA3pctl_oken	
LABEL	Small for gestational age (3%) using Oken cutoffs and birth weight recorded on CBA or CBC
TYPE	num
LENGTH	8
VARNUM	29

SGA3pctl_oken: Distribution	n	%	n (cum)	% (cum)
< 3rd percentile	175	2.09	175	2.09
>= 3rd percentile	8206	97.91	8381	100.00
Missing	491	.	8872	100.00