

### Missing values frequency tables

% Missing + Unknown + Invalid by variable by centre

Data for years 2013 to 2017

Variable	Conditional	Centre:						
		All	2	3	5	8	13	18
SEX	No	5.4	2.8	0.8	0.6	5.9	0.5	2.1
NBRBABY	No	3.5	0.1	0	0	0	0	0
NBRMALF	Yes	6.2	19.6	0	0	0	3.8	0
TYPE	No	0	0	0	0	0	0	0
WEIGHT	Yes	6.7	3.4	0.3	0.3	2.8	13.8	0.8
GESTLENGTH	No	3.8	4.5	0	0.1	1.4	5.7	1
DEATH_DATE	Yes	38.6	96.4	0.3	0	98.9	0	97.4
SURVIVAL	Yes	8.4	1.1	0	0	20.2	0	7.6
WHENDISC	No	7	1	0	0.1	2.3	1.3	0
AGEDISC	Yes	4.5	10.9	0	0.1	0	0.2	0
CONDISC	No	39.3	1.3	0	100	1.4	0.6	0
KARYO	No	44.2	1.4	0.2	0.4	46.4	3.1	0.9
PM	Yes	73.1	4	71.2	100	51.4	2.7	18.6
DATEMO	No	38.8	1.6	17.3	0.1	24.3	10.4	1.2
RESIDMO	No	43.6	0.8	100	0	1.8	33.8	0.2
AGEMO	No	2.7	5.6	0	0.1	6	10.4	1.2
SB	No	72.1	3.8	100	100	99.6	100	1
TOTPREG	No	27.3	5.7	0.2	0.3	4.9	40.2	0.9
OCCUPMO	No	55.9	94.7	99.2	7.1	44.3	45.8	56.3
ASSCONCEPT	No	53.7	96.3	1.5	1.1	47	46.9	17.5
ILLBEF	No	46.7	94	0.8	1.4	36.2	0	0
ILLDUR1	No	48.4	93.7	1.7	1.3	51.1	0	99.7
DRUGS1	No	83.5	88.8	72.7	87.2	84.8	63.2	86.6
MCKUSICK	No	99.1	96.5	100	96.5	100	100	98.8
CONSANG	No	50.3	99.2	18.4	100	36.7	46.1	16.7
PREVSIB	No	73.5	99.4	0.2	99.2	74.2	44	100
SIB1	Yes	3.4	100	0	50	0	8.5	-
SIBANOM	No	67.6	95	0.2	100	54.9	44	100
MOANOM	No	67	92.7	3.6	100	46.3	45.5	14.7
FAANOM	No	68.8	96.1	4.7	100	48.1	48.9	14.7
SP_KARYO	Yes	16.9	22.2	0	55.8	7.7	1	78.8
SP_DRUGS1	Yes	85.8	88.3	72.7	100	84.6	63.2	100
SP_SIBANOM	Yes	11.1	7.5	25	-	47.7	0	-
SP_MOANOM	Yes	4.4	10.1	0	-	29	0	100
SP_FAANOM	Yes	8.5	16.7	0	-	41.1	0	100
SP_SYNDROM	Yes	0.2	0.9	0	0	0	0	0
SP_MALFO1	Yes	17.4	1.5	0	82.3	0	0	0
SP_MALFO2	Yes	12.6	0.4	0	81.7	0	0	0
SP_MALFO3	Yes	12.1	1	0	81.2	0	0	0
SP_MALFO4	Yes	13.2	2.9	0	79.4	0	0	0
SP_MALFO5	Yes	14.7	0	0	79.4	0	0	0
SP_MALFO6	Yes	15.4	0	0	98	0	0	0
SP_MALFO7	Yes	14	0	-	-	0	0	0
SP_MALFO8	Yes	20.2	-	-	-	0	0	100

### Missing values frequency tables

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Data for years 2013 to 2017

Variable	Conditional	Centre:						
		All	2	3	5	8	13	18
CIVREG	No	14.5	0.1	0	0	0	0	0
FIRSTPRE	No	47	55.5	0	0.3	60.2	23.2	0
SP_FIRSTPRE	Yes	20.1	-	-	-	0.9	-	100
SURGERY	No	53.4	25	24.5	51.3	48.9	29.1	85.7
FOLIC	No	-	-	-	-	-	-	-
SP_TWIN	Yes	56.1	41.3	0	100	64.5	0	1.1
SP_CONSANG	Yes	55.7	90	14.3	-	3.3	100	100
MATEDU	No	79	100	100	100	54.2	48.1	16.4
SOCM	No	81.5	99.7	100	8.8	99.8	100	49.5
SOCF	No	85	99.9	100	100	99.9	100	23.5
MIGRANT	No	63.9	100	1.5	100	98.5	100	31.3
AETIOLOGY	No	100	100	100	100	100	100	100
FOLIC_G14	No	67.1	100	91.8	100	70.5	45.2	86.3
BMI	No	60.8	100	3	10.8	65	42.4	19.4
MATDIAB	No	64.4	98.3	0	100	36.7	99.5	0
HbA1c	No	100	100	100	100	100	100	100
GENTEST	No	69.8	2	93.4	100	74.3	1	43.5
SP_GENTEST	Yes	40.6	67	73.3	-	30.8	0	100
FIRSTTRI	No	66.7	99.7	1.3	4.6	47.1	39.2	71.1
PRESYN	Yes	27.3	5.4	1.6	40.1	1.2	100	54.7
PREMAL1	Yes	38	2.7	0	62.1	2.9	0.4	84.8
PREMAL2	Yes	32.1	3.5	0.9	60.4	3.3	1.5	90.8
PREMAL3	Yes	29.9	5.1	0	60.3	4.3	0.7	93
PREMAL4	Yes	30	8.6	0	61.3	3.2	1.5	91.2
PREMAL5	Yes	31.6	11.1	0	60.6	10.5	1.4	87.8
PREMAL6	Yes	32.7	40	0	54	10.5	4.1	88.2
PREMAL7	Yes	33.7	0	-	-	20	4.4	100
PREMAL8	Yes	40	-	-	-	0	4.3	100

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Data for years 2013 to 2017

Variable	Conditional	Centre:						
		All	20	21	23	28	29	30
SEX	No	5.4	1.1	2.3	0	1.1	1.8	3
NBRBABY	No	3.5	0	0	0	0	0	0.2
NBRMALF	Yes	6.2	0	0	0	0	2.1	0
TYPE	No	0	0	0	0	0	0	0
WEIGHT	Yes	6.7	1	0	0	2.8	3.4	0.3
GESTLENGTH	No	3.8	0.2	0.2	0	4.8	3.1	0.2
DEATH_DATE	Yes	38.6	0.1	18.2	93.6	98	49.8	64.4
SURVIVAL	Yes	8.4	0	0.2	0.2	6.4	4.6	0.1
WHENDISC	No	7	0.3	0.2	0.7	0.6	10.9	0.1
AGEDISC	Yes	4.5	0	0.6	0	3.4	0	0.1
CONDISC	No	39.3	0.1	0.2	0	0.2	1	0.3
KARYO	No	44.2	6.3	2.1	2.1	2.1	83.8	7.6
PM	Yes	73.1	68.8	67	1.8	9.5	95.8	31.2
DATEMO	No	38.8	0.1	0.2	0.3	3.5	2.3	0
RESIDMO	No	43.6	0.1	0	0	0.4	0.1	0
AGEMO	No	2.7	0.1	0	0	1	2.2	0
SB	No	72.1	8.1	0.8	0	5.2	7.8	1.1
TOTPREG	No	27.3	7.8	0.2	0	4.7	6.3	0.5
OCCUPMO	No	55.9	31.4	10.2	10.9	21.2	74.2	49.9
ASSCONCEPT	No	53.7	1.8	0.4	1.6	0.8	66.8	6
ILLBEF	No	46.7	0.3	83.5	1	8	2.1	12.3
ILLDUR1	No	48.4	0.2	79.1	1.9	34.8	2.6	18.6
DRUGS1	No	83.5	80.5	82.2	54.4	85.1	86.3	64.5
MCKUSICK	No	99.1	97	91.1	100	99.9	99.7	92.2
CONSANG	No	50.3	3.1	0.6	0.1	16	88.7	6.8
PREVSIB	No	73.5	0.4	2.1	0.6	98.8	2.2	4.9
SIB1	Yes	3.4	0	28.6	2.9	7.7	0.5	0
SIBANOM	No	67.6	24.2	0.6	0.6	14.3	51.9	4.7
MOANOM	No	67	19.2	0.8	0.7	7	85.3	54.7
FAANOM	No	68.8	19.8	1.5	0.7	17.8	88.5	59.5
SP_KARYO	Yes	16.9	0.2	3.7	4.8	1.4	12.2	0.5
SP_DRUGS1	Yes	85.8	79.9	81.4	55.1	98.4	86.2	72.9
SP_SIBANOM	Yes	11.1	1	16.1	2.7	56.5	23.6	14.8
SP_MOANOM	Yes	4.4	0.5	0	0	4.1	0.9	0
SP_FAANOM	Yes	8.5	0	4.2	0	5.8	0.4	0
SP_SYNDROM	Yes	0.2	0	0	0	5.6	0	0
SP_MALFO1	Yes	17.4	0	0	0	0.5	0	0
SP_MALFO2	Yes	12.6	0	0	0	2.2	0	0
SP_MALFO3	Yes	12.1	0	0	0	3.1	0	0
SP_MALFO4	Yes	13.2	0	0	0	5.1	0	0
SP_MALFO5	Yes	14.7	0	0	0	6.5	0	0
SP_MALFO6	Yes	15.4	0	0	0	10.5	0	0
SP_MALFO7	Yes	14	0	0	0	10	0	0
SP_MALFO8	Yes	20.2	0	0	0	0	0	0

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Variable	Conditional	Centre:						
		All	20	21	23	28	29	30
CIVREG	No	14.5	0.7	0.8	0	3.4	99.9	0.4
FIRSTPRE	No	47	0.6	0.4	0.7	1	62	3.6
SP_FIRSTPRE	Yes	20.1	0	0	-	9.1	0	14.3
SURGERY	No	53.4	0.6	10.4	1.6	79.1	36.3	3.8
FOLIC	No	-	-	-	-	-	-	-
SP_TWIN	Yes	56.1	0	7.1	0	93.8	1.4	0.6
SP_CONSANG	Yes	55.7	0	-	0	25	9.3	4.3
MATEDU	No	79	56.4	1.5	2.5	76.1	79.4	87.2
SOCM	No	81.5	43.6	1.7	100	90.5	100	82.3
SOCF	No	85	73.1	9.9	100	99.5	100	90.2
MIGRANT	No	63.9	24.2	1.3	0.4	68.9	100	1.7
AETIOLOGY	No	100	100	100	100	100	100	100
FOLIC_G14	No	67.1	86.6	22.4	7.1	19.9	94.7	31.4
BMI	No	60.8	44.8	25.4	21.4	100	78.8	22.6
MATDIAB	No	64.4	20.2	22.4	0.1	8.8	77.4	2.5
HbA1c	No	100	100	100	99	100	100	100
GENTEST	No	69.8	0.8	24.7	15.2	99.3	82.3	11.5
SP_GENTEST	Yes	40.6	2.6	33.3	18.8	14.3	19.4	33.7
FIRSTTRI	No	66.7	28.7	22.4	3.4	37.3	81.5	5.9
PRESYN	Yes	27.3	2.5	27.5	6.7	0	8.7	0.3
PREMAL1	Yes	38	0.7	21.7	3.6	4.1	14.3	0.7
PREMAL2	Yes	32.1	0.2	21.6	4.5	3.6	13.5	0.9
PREMAL3	Yes	29.9	0.9	23.4	7.6	4.6	15.8	1.3
PREMAL4	Yes	30	0.5	25	11.8	7.1	16.2	1.9
PREMAL5	Yes	31.6	3.2	25	0	13	14.7	1.2
PREMAL6	Yes	32.7	1.4	25	12.5	15.8	15.7	2.1
PREMAL7	Yes	33.7	0	0	0	20	15	0
PREMAL8	Yes	40	0	0	0	0	21.9	0

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Data for years 2013 to 2017

Variable	Conditional	Centre:						
		All	33	34	39	49	57	59
SEX	No	5.4	2.5	0.6	2.6	4.6	5.4	9
NBRBABY	No	3.5	0	0	0.7	0	0	0
NBRMALF	Yes	6.2	0	0	0	0	0	0.3
TYPE	No	0	0	0	0.5	0	0	0.1
WEIGHT	Yes	6.7	1.6	0	7	1.9	6.5	0
GESTLENGTH	No	3.8	1	0.2	5.6	4	1.9	0.4
DEATH_DATE	Yes	38.6	0	99.3	97.4	0.2	96.2	0
SURVIVAL	Yes	8.4	0	0	1	0.2	0	0
WHENDISC	No	7	0.2	0	1.8	0.1	0.6	0
AGEDISC	Yes	4.5	0	0	2.2	0	0	100
CONDISC	No	39.3	1.1	6.9	17.8	0.7	0	100
KARYO	No	44.2	83.8	95.5	8.7	57.5	11.8	100
PM	Yes	73.1	8.5	74.4	9	89	41.7	100
DATEMO	No	38.8	1.2	0	1.3	0.1	80.9	100
RESIDMO	No	43.6	0	0.6	22.8	22.7	100	100
AGEMO	No	2.7	1	0	1.5	0.1	0.3	0
SB	No	72.1	99.4	13	97.1	83.7	100	100
TOTPREG	No	27.3	0	2	27.5	82.9	45.7	9
OCCUPMO	No	55.9	90.7	15.2	100	87.2	69.4	27
ASSCONCEPT	No	53.7	97.9	0.6	99.8	85.6	62.2	100
ILLBEF	No	46.7	0	90.2	100	79.4	0.1	99
ILLDUR1	No	48.4	0	91.1	100	83.8	0	95.8
DRUGS1	No	83.5	82.4	21.9	100	96.5	85.8	73.5
MCKUSICK	No	99.1	100	100	99.8	98.7	97.5	100
CONSANG	No	50.3	85.3	5.7	99.7	85.5	71	9.8
PREVSIB	No	73.5	98.3	15.4	99.7	80	46.8	100
SIB1	Yes	3.4	0	0	0	0	0	-
SIBANOM	No	67.6	94.1	2.4	99.3	79	47	100
MOANOM	No	67	91	13.2	98.3	76.6	72.2	100
FAANOM	No	68.8	96.9	12.8	98.3	84.4	75.4	100
SP_KARYO	Yes	16.9	0	100	1.9	11.4	4.7	-
SP_DRUGS1	Yes	85.8	82.4	99.4	99.9	96.4	85.6	73.5
SP_SIBANOM	Yes	11.1	0	24.1	0	11.7	0.8	-
SP_MOANOM	Yes	4.4	0	12.5	0	0.6	0	-
SP_FAANOM	Yes	8.5	0	41.7	0	2	0.5	-
SP_SYNDROM	Yes	0.2	0	0	0	0	0	0
SP_MALFO1	Yes	17.4	0	98.1	0.1	0	0	100
SP_MALFO2	Yes	12.6	0	99	1.1	0	0	100
SP_MALFO3	Yes	12.1	0	100	0	0	0	100
SP_MALFO4	Yes	13.2	0	100	1.3	0	0	100
SP_MALFO5	Yes	14.7	0	-	4.3	0	0	100
SP_MALFO6	Yes	15.4	0	-	11.1	0	0	100
SP_MALFO7	Yes	14	0	-	10	0	0	100
SP_MALFO8	Yes	20.2	0	-	16.7	5.3	0	100

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Variable	Conditional	Centre:						
		All	33	34	39	49	57	59
CIVREG	No	14.5	0	0	0.9	0	0.2	100
FIRSTPRE	No	47	0	73.6	8.1	2.7	1.2	100
SP_FIRSTPRE	Yes	20.1	-	-	0	33.3	0	-
SURGERY	No	53.4	31.7	71.9	1.5	4.2	18.9	100
FOLIC	No	-	-	-	-	-	-	-
SP_TWING	Yes	56.1	0	0	27.5	0	0	7.5
SP_CONSANG	Yes	55.7	0	100	50	0	0	100
MATEDU	No	79	100	92.3	100	85.7	98.7	100
SOCM	No	81.5	100	99.2	100	79.7	99.9	100
SOCF	No	85	100	99.2	100	81.8	99.6	100
MIGRANT	No	63.9	12.4	80.5	100	75.9	9.2	100
AETIOLOGY	No	100	100	100	100	100	100	100
FOLIC_G14	No	67.1	60.3	86.4	100	88.8	72	30.2
BMI	No	60.8	74.1	48.6	100	91.2	69.3	100
MATDIAB	No	64.4	92.9	88.2	100	86.4	60.3	100
HbA1c	No	100	100	100	100	100	100	100
GENTEST	No	69.8	89.4	99	9.6	60.2	58.9	100
SP_GENTEST	Yes	40.6	100	75	23.7	23.4	0	-
FIRSTTRI	No	66.7	60.3	97.2	100	86.3	62	100
PRESYN	Yes	27.3	29.3	99.1	86.4	1.6	0.3	100
PREMAL1	Yes	38	62.4	99.5	64	0.2	0	100
PREMAL2	Yes	32.1	65	100	65.8	0.8	0.2	100
PREMAL3	Yes	29.9	65.7	100	65.2	0.9	0.2	100
PREMAL4	Yes	30	63.5	100	56.3	0.9	0.2	100
PREMAL5	Yes	31.6	70.6	-	45.7	1.5	0.4	100
PREMAL6	Yes	32.7	72.7	-	48.1	4.9	0.6	100
PREMAL7	Yes	33.7	83.1	-	40	4.2	0.9	100
PREMAL8	Yes	40	82.5	-	33.3	36.8	1.3	100

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Data for years 2013 to 2017

Variable	Conditional	Centre:						
		All	60	62	66	67	68	70
SEX	No	5.4	0.2	3.6	0.6	0.3	11.5	8.3
NBRBABY	No	3.5	0	0	0	22.2	11.9	6.6
NBRMALF	Yes	6.2	0	1.2	0	16.8	24.2	48.6
TYPE	No	0	0	0	0	0.1	0	0.1
WEIGHT	Yes	6.7	0.7	0.2	0	20.7	16.6	33.7
GESTLENGTH	No	3.8	0.6	0	0	21.7	10.5	3.3
DEATH_DATE	Yes	38.6	98.8	0	0.7	99	42.2	55.1
SURVIVAL	Yes	8.4	0	1	0	79.4	9.8	1.1
WHENDISC	No	7	0.3	0	0	55.8	13.8	5.6
AGEDISC	Yes	4.5	0	0	0	0	0.1	5.7
CONDISC	No	39.3	100	3.7	0	100	72.7	43.4
KARYO	No	44.2	0.9	0.3	0	58.2	81.2	35.5
PM	Yes	73.1	3.8	79.4	77.9	100	91	55.5
DATEMO	No	38.8	0.1	0.1	0.3	25.1	99.1	100
RESIDMO	No	43.6	100	0	0	1.4	100	100
AGEMO	No	2.7	0.1	0.1	0	25.1	2.6	0.3
SB	No	72.1	100	3.4	0	100	100	100
TOTPREG	No	27.3	0.8	0.4	0	23.4	93.8	99.9
OCCUPMO	No	55.9	100	0.7	6.5	100	87.5	89
ASSCONCEPT	No	53.7	22.5	1.7	0	100	89.5	87.7
ILLBEF	No	46.7	60	0.2	0	100	95.5	99.3
ILLDUR1	No	48.4	60	0.4	0	0	100	100
DRUGS1	No	83.5	100	90.5	91.6	64.7	97.8	98.2
MCKUSICK	No	99.1	98.5	98.5	100	100	100	100
CONSANG	No	50.3	22.3	10.4	0	40.3	73.7	81.9
PREVSIB	No	73.5	100	1.1	0	100	99.9	41.7
SIB1	Yes	3.4	-	0	0	-	0	0
SIBANOM	No	67.6	100	1.8	0	100	100	99.3
MOANOM	No	67	100	15.8	0	100	100	100
FAANOM	No	68.8	100	16.2	0	100	100	100
SP_KARYO	Yes	16.9	1.8	0	0.2	65.6	0.2	31.5
SP_DRUGS1	Yes	85.8	100	87.2	91.5	69.1	98.1	99.2
SP_SIBANOM	Yes	11.1	-	2.2	1.9	-	-	100
SP_MOANOM	Yes	4.4	-	1.1	0.5	-	-	-
SP_FAANOM	Yes	8.5	-	3.2	0.9	-	-	-
SP_SYNDROM	Yes	0.2	0	0	0	0	3.2	1.4
SP_MALFO1	Yes	17.4	0	0	0	1.1	3.5	3.7
SP_MALFO2	Yes	12.6	0	0	0	0.6	4.2	8.1
SP_MALFO3	Yes	12.1	0	0	0	0	4.2	7.5
SP_MALFO4	Yes	13.2	0	0	0	0.6	3.1	9.7
SP_MALFO5	Yes	14.7	0	0	0	0	2.5	12
SP_MALFO6	Yes	15.4	0	0	0	0	2.1	5
SP_MALFO7	Yes	14	0	0	0	0	1.7	6.8
SP_MALFO8	Yes	20.2	0	0	0	0	18.8	16

### Missing values frequency tables

% Missing + Unknown + Invalid by variable by cer

Data for years 2013 to 2017

Variable	Conditional	Centre:						
		All	60	62	66	67	68	70
CIVREG	No	14.5	6.2	0.1	0	0.1	0	0.1
FIRSTPRE	No	47	8.3	0.6	53.5	100	87.1	55.2
SP_FIRSTPRE	Yes	20.1	100	0	0	-	100	100
SURGERY	No	53.4	33.5	64.6	16.7	100	76.7	66.6
FOLIC	No	-	-	-	-	-	-	-
SP_TWIN	Yes	56.1	100	0	0.9	100	85.5	78.1
SP_CONSANG	Yes	55.7	100	0	0	-	100	100
MATEDU	No	79	73.6	0.6	34.2	100	100	100
SOCM	No	81.5	100	0.6	61.3	100	100	100
SOCF	No	85	100	6.3	36	100	100	100
MIGRANT	No	63.9	100	0	1.5	100	100	100
AETIOLOGY	No	100	100	100	100	100	100	100
FOLIC_G14	No	67.1	78.8	24.8	0	100	92.5	91.1
BMI	No	60.8	8.2	55.6	9	100	62.9	63.8
MATDIAB	No	64.4	100	1.2	0	100	94.8	91.8
HbA1c	No	100	100	100	100	100	100	100
GENTEST	No	69.8	100	0.1	0.1	100	100	98.6
SP_GENTEST	Yes	40.6	-	31.3	16.7	-	-	39.5
FIRSTTRI	No	66.7	70.8	11	0	100	100	100
PRESYN	Yes	27.3	21.3	0.3	0.6	100	25.6	2.8
PREMAL1	Yes	38	22.3	0	0	100	39.2	4.2
PREMAL2	Yes	32.1	29.3	0.2	0.1	100	43.7	6.9
PREMAL3	Yes	29.9	25.8	0	0	100	45.6	5.7
PREMAL4	Yes	30	22.6	0	0	100	49	6.5
PREMAL5	Yes	31.6	24.5	0.8	0	100	50	7.3
PREMAL6	Yes	32.7	22.6	0	0	100	51.6	11.3
PREMAL7	Yes	33.7	29.2	0	0	100	49.2	2.3
PREMAL8	Yes	40	19	5.3	0	100	50	12

- indicates no cases able to be missing



### Missing values frequency tables

% Missing + Unknown + Invalid by variable by cer

Data for years 2013 to 2017

Variable	Conditional	Centre:						
		All	72	73	77	79	81	84
SEX	No	5.4	8.1	4.2	0.3	1.8	1.5	7.1
NBRBABY	No	3.5	25.9	0.5	0.3	0	0.1	11
NBRMALF	Yes	6.2	9.8	0	14.7	3.4	0	27.6
TYPE	No	0	0.1	0	0	0	0	0.2
WEIGHT	Yes	6.7	6.1	28.5	1.8	0.5	0.9	17.7
GESTLENGTH	No	3.8	2.8	12.9	2.8	1.4	0	8.8
DEATH_DATE	Yes	38.6	3.3	5.7	97.8	0.3	27	15.2
SURVIVAL	Yes	8.4	3.3	5.7	21.5	0	0.4	10.2
WHENDISC	No	7	10.2	10.1	1.9	7.2	0	29.2
AGEDISC	Yes	4.5	0	0	0	0	0.3	0
CONDISC	No	39.3	100	61.8	0	1.4	0	74.9
KARYO	No	44.2	61.5	88.9	75.6	9.7	2	72
PM	Yes	73.1	94.7	76.9	11.3	2.7	52.4	87.1
DATEMO	No	38.8	100	100	3.3	0.9	1	100
RESIDMO	No	43.6	100	100	62.5	0	0.1	100
AGEMO	No	2.7	0.1	0.1	2.3	0.9	0.6	3.1
SB	No	72.1	100	100	100	4.1	0.6	100
TOTPREG	No	27.3	100	58.5	5.4	1.4	0.3	82.9
OCCUPMO	No	55.9	70.3	93.1	17	39.8	3.3	79.8
ASSCONCEPT	No	53.7	76.8	84.1	6	39.1	0.5	71.4
ILLBEF	No	46.7	98.6	98.7	0.3	4.3	10.5	99.5
ILLDUR1	No	48.4	100	100	0.2	6.6	15.9	100
DRUGS1	No	83.5	95.5	96	79.2	78.1	83.1	92.4
MCKUSICK	No	99.1	100	99.6	100	99.8	99.9	100
CONSANG	No	50.3	58.8	78.7	0.5	81.2	1	67.2
PREVSIB	No	73.5	100	99.8	59.7	9.5	1.7	100
SIB1	Yes	3.4	-	0	50	0	8.7	-
SIBANOM	No	67.6	100	100	8.7	13.8	0.9	100
MOANOM	No	67	100	100	7.2	24.2	1.1	100
FAANOM	No	68.8	100	100	8.1	81.9	4.6	100
SP_KARYO	Yes	16.9	0.5	0	0	9.5	0.3	0.6
SP_DRUGS1	Yes	85.8	98	98.9	78.4	77.5	85.8	93
SP_SIBANOM	Yes	11.1	-	-	0	33.3	7.4	-
SP_MOANOM	Yes	4.4	-	-	0	4.9	7.6	-
SP_FAANOM	Yes	8.5	-	-	0	30.3	9.7	-
SP_SYNDROM	Yes	0.2	0	0	0	0	0	0.2
SP_MALFO1	Yes	17.4	26.1	11.8	0	0.3	0	4.3
SP_MALFO2	Yes	12.6	33.5	11.1	0	0	0	2.7
SP_MALFO3	Yes	12.1	34.1	11.9	0	0	0	0.7
SP_MALFO4	Yes	13.2	31.5	13.3	0	0	0	0.4
SP_MALFO5	Yes	14.7	35.5	13.8	0	0	0	0.6
SP_MALFO6	Yes	15.4	49.4	15.7	0	0	0	1.2
SP_MALFO7	Yes	14	45.8	25	0	0	0	0.4
SP_MALFO8	Yes	20.2	56.8	0	0	0	0	1.2

**Missing values frequency tables**

% Missing + Unknown + Invalid by variable by cer

**Data for years 2013 to 2017**

Variable	Conditional	Centre:						
		All	72	73	77	79	81	84
CIVREG	No	14.5	0	0.2	0	0	0.1	0.1
FIRSTPRE	No	47	100	74.3	65.3	13.1	4.5	100
SP_FIRSTPRE	Yes	20.1	-	-	0	-	0	-
SURGERY	No	53.4	87.2	68.8	15.1	13.1	29.8	77.2
FOLIC	No	-	-	-	-	-	-	-
SP_TWING	Yes	56.1	85.9	17.4	4.4	0	6.6	71.3
SP_CONSANG	Yes	55.7	100	100	0	100	0	91.7
MATEDU	No	79	100	100	100	84.4	4.6	100
SOCM	No	81.5	100	100	100	66.3	20.2	100
SOFC	No	85	100	100	100	84.4	22	100
MIGRANT	No	63.9	100	100	100	14.5	1.6	100
AETIOLOGY	No	100	100	100	100	100	100	100
FOLIC_G14	No	67.1	89.3	82	16.7	41.9	10.5	77.8
BMI	No	60.8	67.7	73.3	38.5	33.5	18.5	59.1
MATDIAB	No	64.4	84.7	91.7	5.3	29	7.4	91.4
HbA1c	No	100	100	100	100	100	100	100
GENTEST	No	69.8	100	100	93.9	18.1	9.6	100
SP_GENTEST	Yes	40.6	-	-	0	32.7	28.3	-
FIRSTTRI	No	66.7	100	100	8.1	29.9	2.6	100
PRESYN	Yes	27.3	4.2	3	30.8	29.2	1.4	27.5
PREMAL1	Yes	38	15.2	43.6	66.9	30.8	1.7	40.4
PREMAL2	Yes	32.1	25	42.8	54.8	30.8	1.4	35.2
PREMAL3	Yes	29.9	29.9	41.7	39.4	30.3	1.1	29.9
PREMAL4	Yes	30	33.1	42.8	28.2	37	0	32.3
PREMAL5	Yes	31.6	41.1	45.5	17	30.8	1.2	34.2
PREMAL6	Yes	32.7	37.3	41.2	11.5	0	2.5	36.2
PREMAL7	Yes	33.7	47.9	6.3	13.3	0	0	37.3
PREMAL8	Yes	40	48.6	14.3	11.1	0	0	38.5

- indicates no cases able to be missing

### Missing values frequency tables

% Missing + Unknown + Invalid by variable by cer

Data for years 2013 to 2017

Variable	Conditional	Centre:			
		All	86	88	93
SEX	No	5.4	24.8	1	5.9
NBRBABY	No	3.5	0	2.4	0.6
NBRMALF	Yes	6.2	0	10.1	7.2
TYPE	No	0	0	0	0.1
WEIGHT	Yes	6.7	0.8	4.8	0.8
GESTLENGTH	No	3.8	0.7	2.9	0.6
DEATH_DATE	Yes	38.6	0	0	97.5
SURVIVAL	Yes	8.4	0	0.5	0.1
WHENDISC	No	7	2	1.5	0.2
AGEDISC	Yes	4.5	0	0	1.4
CONDISC	No	39.3	22.5	3.1	0.9
KARYO	No	44.2	77.8	9.5	0.4
PM	Yes	73.1	97.2	63	1.1
DATEMO	No	38.8	1.1	4	0.9
RESIDMO	No	43.6	0	0	91
AGEMO	No	2.7	1	3.9	0.8
SB	No	72.1	39	100	1
TOTPREG	No	27.3	24.5	6.7	1.1
OCCUPMO	No	55.9	56.2	34.7	100
ASSCONCEPT	No	53.7	57.3	13.2	0.6
ILLBEF	No	46.7	0.1	39.2	0.2
ILLDUR1	No	48.4	0	44.1	0.3
DRUGS1	No	83.5	76	78.7	98.2
MCKUSICK	No	99.1	100	99.5	95.2
CONSANG	No	50.3	74.4	99.4	1.1
PREVSIB	No	73.5	78.6	97.8	30.2
SIB1	Yes	3.4	0	5.2	5.7
SIBANOM	No	67.6	60.6	13.3	0.8
MOANOM	No	67	66	19.2	2.1
FAANOM	No	68.8	68.7	24.8	1.7
SP_KARYO	Yes	16.9	0.3	2.6	0.3
SP_DRUGS1	Yes	85.8	75.8	77.8	98.2
SP_SIBANOM	Yes	11.1	2.8	6.5	35.3
SP_MOANOM	Yes	4.4	2.6	1.3	4.2
SP_FAANOM	Yes	8.5	0.9	1.1	9.1
SP_SYNDROM	Yes	0.2	0	0.1	0
SP_MALFO1	Yes	17.4	0	0	0
SP_MALFO2	Yes	12.6	0	0.3	0
SP_MALFO3	Yes	12.1	0.1	0.8	0
SP_MALFO4	Yes	13.2	0	0.8	0
SP_MALFO5	Yes	14.7	0	0.5	0
SP_MALFO6	Yes	15.4	0	0.9	0
SP_MALFO7	Yes	14	0	0	0
SP_MALFO8	Yes	20.2	0	5.3	0

### Missing values frequency tables

% Missing + Unknown + Invalid by variable by cer

Data for years 2013 to 2017

Variable	Conditional	Centre:			
		All	86	88	93
CIVREG	No	14.5	0	8.1	0.1
FIRSTPRE	No	47	42.8	26	0.9
SP_FIRSTPRE	Yes	20.1	0	25	0
SURGERY	No	53.4	41.3	16.3	1.6
FOLIC	No	-	-	-	-
SP_TWIN	Yes	56.1	0.5	95.1	0
SP_CONSANG	Yes	55.7	3.8	23.7	62.5
MATEDU	No	79	76.5	68.6	100
SOCM	No	81.5	91.2	37.1	100
SOCF	No	85	92.2	48	100
MIGRANT	No	63.9	5.5	9.9	43.5
AETIOLOGY	No	100	100	100	100
FOLIC_G14	No	67.1	89.9	66.7	26.2
BMI	No	60.8	98.6	35.4	20.4
MATDIAB	No	64.4	61.9	34.5	3.3
HbA1c	No	100	100	100	98.4
GENTEST	No	69.8	83.3	40.6	0.5
SP_GENTEST	Yes	40.6	5.3	100	4.1
FIRSTTRI	No	66.7	71.7	45.6	96.3
PRESYN	Yes	27.3	2.8	20.1	0.4
PREMAL1	Yes	38	5.1	21.4	0.3
PREMAL2	Yes	32.1	7.2	21.1	0.3
PREMAL3	Yes	29.9	9.2	21.1	0.8
PREMAL4	Yes	30	9.4	21.8	0
PREMAL5	Yes	31.6	11.9	22	0
PREMAL6	Yes	32.7	13.7	28.3	0
PREMAL7	Yes	33.7	15.8	24.1	0
PREMAL8	Yes	40	21.2	31.6	0

- indicates no cases able to be missing