

Table S1. ICD-PM tabulation using South African data for perinatal cause of death and maternal condition separated by timing of death

		MATERNAL CONDITION						
		M1: Complications of placenta, cord and membranes	M2: Maternal complications of pregnancy	M3: Other complications of labour and delivery	M4 Maternal medical and surgical conditions	M5: No maternal condition identified	Other	TOTAL (%)
PERINATAL CAUSE OF DEATH								
ANTENATAL DEATH								
A1: Congenital malformations, deformations and chromosomal abnormalities						9		9 (2.6)
A2: Infection					1			1 (0.3)
A3: Antepartum hypoxia		72	2	1	95	9	2	181 (52.6)
A4: Other specified antepartum disorder		2			1			3 (0.9)
A5: Disorders related to fetal growth					2	2		4 (1.2)
A6: Fetal death of unspecified cause					20	124	2	146 (42.4)
TOTAL (%)		74 (21.5)	2 (0.6)	1 (0.3)	119 (34.6)	144 (41.9)	4 (1.2)	344

INTRAPARTUM DEATH

I1: Congenital malformations, deformations and chromosomal abnormalities				2		2 (2.7)
I2: Birth trauma						
I3: Acute intrapartum event	17	15	14	22	1	69 (93.2)
I4: Infection			2			2 (2.7)
I5: Other specified intrapartum disorder						
I6: Disorders related to fetal growth						
I7: Intrapartum death of unspecified cause			1			1 (1.4)
TOTAL (%)	17 (22.9)	15 (20.3)	17 (20.3)	24 (32.4)	1 (1.4)	74

NEONATAL DEATH

N1: Congenital malformations, deformations and chromosomal abnormalities			1	11	1	13 (4.8)
N2: Disorders related to fetal growth						
N3: Birth trauma						
N4: Complications of intrapartum events						
N5: Convulsions and disorders of cerebral status	9	14	8	38		69 (25.5)
N6: Infection	3	2				5 (1.8)
N7: Respiratory and cardiovascular disorders	18	29	16	30	1	94 (34.7)

N8: Other neonatal conditions	3	2	3			8
						(2.9)
N9: Low birth weight and prematurity	7	59	13			79
						(29.2)
N10: Miscellaneous						
N11: Neonatal death of unspecified cause		1		1	1	3
						(1.1)
TOTAL (%)	40	107	41	80	3	271
	(14.8)	(39.5)	(15.1)	(29.5)	(1.1)	

Table S2. ICD-PM tabulation using UK data for perinatal cause of death and maternal condition separated by timing of death

	MATERNAL CONDITION						TOTAL (%)
	M1: Complications of placenta, cord and membranes	M2: Maternal complications of pregnancy	M3: Other complications of labour and delivery	M4 Maternal medical and surgical conditions	M5: No maternal condition identified	Other	
PERINATAL CAUSE OF DEATH							
ANTENATAL DEATH							
A1: Congenital malformations, deformations and chromosomal abnormalities	118	391	2	38	432		981 (22.4)
A2: Infection	2						2 (0.05)
A3: Antepartum hypoxia							
A4: Other specified antepartum disorder	30	5		9	61		105 (2.4)
A5: Disorders related to fetal growth	279	28	3	97	238		645 (14.7)
A6: Fetal death of unspecified cause	687	70	14	231	1642		2644 (60.4)
TOTAL (%)	1116 (25.5)	494 (11.3)	19 (0.4)	375 (8.6)	2373 (54.2)		4377
INTRAPARTUM DEATH							

I1: Congenital malformations, deformations and chromosomal abnormalities	5	1	2	1	4	13 (2.8)
I2: Birth trauma	2				3	5 (1.1)
I3: Acute intrapartum event	148	9	4	8	127	296 (64.8)
I4: Infection						
I5: Other specified intrapartum disorder	1					1 (0.2)
I6: Disorders related to fetal growth	12	1		6	5	24 (5.3)
I7: Intrapartum death of unspecified cause	56	8	1	15	38	118 (25.8)
TOTAL (%)	224 (49)	19 (4.2)	7 (1.5)	30 (6.6)	177 (38.7)	457

NEONATAL DEATH

N1: Congenital malformations, deformations and chromosomal abnormalities	78	247	3	50	781	1159 (27.4)
N2: Disorders related to fetal growth	3	1	2	2	6	14 (0.3)
N3: Birth trauma			1	3	7	11 (0.3)
N4: Complications of intrapartum events	31	1	3	4	35	74 (1.7)
N5: Convulsions and disorders of cerebral	7		2	1	16	26 (0.6)

status

N6: Infection	7	1	2	4	48	62 (1.5)
N7: Respiratory and cardiovascular disorders	40	24	4	22	195	285 (6.7)
N8: Other neonatal conditions	15	6	2	8	72	103 (2.4)
N9: Low birth weight and prematurity	365	94	691	51	137	1338 (31.6)
N10: Miscellaneous		3			17	20 (0.5)
N11: Neonatal death of unspecified cause	294	72	15	107	653	1141 (27)
TOTAL (%)	840 (19.8)	449 (10.6)	725 (17.1)	252 (5.9)	1967 (46.5)	4233
