## **APPENDIX**

Table A1: Classification of time-critical conditions

Condition type	Inclusion criteria	ICD- 10 code	ICD-10 descriptor	Verbal autopsy code and descriptor
Communicable	Age:	A40	Streptococcal sepsis	01.01 Sepsis
	Non-	A41	Other sepsis	01.02 Acute respiratory infection,
	neonatal deaths	G00	Bacterial meningitis, not elsewhere classified	including pneumonia 01.05 Malaria
		G03	Meningitis due to other and unspecified causes	01.07 Meningitis and encephalitis
		J05	Acute obstructive laryngitis [croup] and epiglottitis	
		B50	Plasmodium falciparum malaria	-
Neonatal	Age:	A40	Streptococcal sepsis	01.01 Sepsis
	Neonatal only	A41	Other sepsis	01.02 Acute respiratory infection, including
		A49	Bacterial infection of unspecified site	pneumonia 01.07 Meningitis and
		G00	Bacterial meningitis, not elsewhere classified	encephalitis
		G03	Meningitis due to other	01.99 Unspecified infectious disease
			and unspecified causes	10.02 Birth asphyxia
		J15	Bacterial pneumonia, not elsewhere classified	10.03 Neonatal pneumonia
		J16	Pneumonia due to other infectious organisms, not	10.04 Neonatal sepsis
		14.0	elsewhere classified	10.06 Congenital malformation
		J18	Pneumonia, organism unspecified	10.99 Other and
		J22	Unspecified acute lower respiratory infection	unspecified perinatal cause of death

		P08	Disorders related to	
			long gestation and high	
			birth weight	
		<b>D</b> 00	Introviación a la compania	
		P20	Intrauterine hypoxia	
		P21	Birth asphyxia	
			dopya	
		P22	Respiratory distress of	
			newborn	
		P23	Congenital pneumonia	
		P36	Bacterial sepsis of	
		1 00	newborn	
		P50	Fetal blood loss	
		P55	Haemolytic disease of	
		F 33	fetus and newborn	
			retus una newbom	
		P58	Neonatal jaundice due	
			to other excessive	
			haemolysis	
		D70	Other intestinal	
		P76	obstruction of newborn	
			obstruction of newborn	
		P90	Convulsions of newborn	
		Q41	Congenital absence,	
			atresia and stenosis of small intestine	
			Sman intestine	
		Q43	Other congenital	
			malformations of	
			intestine	
			011	
		Q45	Other congenital	
			malformations of	
			digestive system	
Maternal	Nil	000	Ectopic pregnancy	09.01 Ectopic
				pregnancy
		<i>O06</i>	Unspecified abortion	00.00 44
		000	Compliantians follows	09.02 Abortion-related
		008	Complications following	death
			abortion and ectopic and molar pregnancy	09.03 Pregnancy-
			and moiai pregnancy	induced hypertension
		015	Eclampsia	
			· .	09.04 Obstetric
		<i>O20</i>	Haemorrhage in early	haemorrhage
			pregnancy	

		O60	Haemorrhage in early pregnancy	09.06 Pregnancy- related sepsis
		072	Postpartum haemorrhage	09.99 Other and
				unspecified maternal
		O85	Puerperal sepsis	cause
		<i>O95</i>	Obstetric death of unspecified cause	
		<i>O99</i>	Other maternal diseases classifiable elsewhere but complicating	
			pregnancy, childbirth and the puerperium	
Non- communicable	Nil	D65	Disseminated intravascular	04.01 Acute cardiac disease
			coagulation [defibrination	04.02 Stroke
			syndrome]	04.99 Other and
		E15	Nondiabetic hypoglycaemic coma	unspecified cardiac disease
		G36	Other acute disseminated	05.01 Chronic obstructive pulmonary
			demyelination	disease (COPD)
		G40	Epilepsy	05.02 Asthma
		G41	Status epilepticus	06.01 Acute abdomen
		G81	Hemiplegia	08.01 Liver cirrhosis
		121	Acute myocardial infarction	98 Other and unspecified
		100		noncommunicable disease**
		122	Subsequent myocardial infarction	99 Cause of death
		126	Pulmonary embolism	dikilowii
		130	Acute pericarditis	
		146	Cardiac arrest	
		160	Subarachnoid haemorrhage	
		l61	Intracerebral haemorrhage	

Injury   Nil   Sop Other and unspecified			162	Other nontraumatic intracranial haemorrhage	
Injury  Nil  Stroke, not specified as haemorrhage or infarction  J44 Other chronic obstructive pulmonary disease  J45 Asthma  J46 Status asthmaticus  J36 Peritonsillar abscess  J96 Respiratory failure, not elsewhere classified  K25 Gastric ulcer  K26 Duodenal ulcer  K27 Peptic ulcer, site unspecified  K35 Acute appendicitis  K56 Paralytic ileus and intestinal obstruction without hernia  L00 Staphylococcal scalded skin syndrome  R04 Haemorrhage from respiratory passages  R10 Abdominal and pelvic pain  R56 Convulsions, not elsewhere classified  If > 30 years  R96 Other sudden death, cause unknown  Injury  Nil S09 Other and unspecified injuries of head  S29 Other and unspecified  12.01 Road traffic accident			163		
haemorrhage or infarction  J44 Other chronic obstructive pulmonary disease  J45 Asthma  J46 Status asthmaticus  J36 Peritonsillar abscess  J96 Respiratory failure, not elsewhere classified  K25 Gastric ulcer  K26 Duodenal ulcer  K27 Peptic ulcer, site unspecified  K35 Acute appendicitis  K56 Paralytic ileus and intestinal obstruction without hernia  L00 Staphylococcal scalded skin syndrome  R04 Haemorrhage from respiratory passages  R10 Abdominal and pelvic pain  R56 Convulsions, not elsewhere classified  If > 30 years  R96 Other sudden death, cause unknown  Injury  Nil S09 Other and unspecified injuries of head  S29 Other and unspecified  12.01 Road traffic accident					
pulmonary disease  J45 Asthma  J46 Status asthmaticus  J36 Peritonsillar abscess  J96 Respiratory failure, not elsewhere classified  K25 Gastric ulcer  K26 Duodenal ulcer  K27 Peptic ulcer, site unspecified  K35 Acute appendicitis  K56 Paralytic ileus and intestinal obstruction without hernia  L00 Staphylococcal scalded skin syndrome  R04 Haemorrhage from respiratory passages  R10 Abdominal and pelvic pain  R56 Convulsions, not elsewhere classified  If > 30 years  R96 Other sudden death, cause unknown  Injury  Nil S09 Other and unspecified injuries of head  S29 Other and unspecified  12.02 Other transport			164		
J46 Status asthmaticus  J36 Peritonsillar abscess  J96 Respiratory failure, not elsewhere classified  K25 Gastric ulcer  K26 Duodenal ulcer  K27 Peptic ulcer, site unspecified  K35 Acute appendicitis  K56 Paralytic ileus and intestinal obstruction without hernia  L00 Staphylococcal scalded skin syndrome  R04 Haemorrhage from respiratory passages  R10 Abdominal and pelvic pain  R56 Convulsions, not elsewhere classified  If > 30 years  R96 Other sudden death, cause unknown  Injury  Nil S09 Other and unspecified injuries of head  S29 Other and unspecified  12.01 Road traffic accident			J44		
J36   Peritonsillar abscess     J96   Respiratory failure, not elsewhere classified     K25   Gastric ulcer     K26   Duodenal ulcer     K27   Peptic ulcer, site unspecified     K35   Acute appendicitis     K56   Paralytic ileus and intestinal obstruction without hernia     L00   Staphylococcal scalded skin syndrome     R04   Haemorrhage from respiratory passages     R10   Abdominal and pelvic pain     R56   Convulsions, not elsewhere classified     If > 30   years     R96   Other sudden death, cause unknown     Injury   Nil   S09   Other and unspecified injuries of head     S29   Other and unspecified   12.01 Road traffic accident     12.02 Other transport			J45	Asthma	
Superior   Superior			J46	Status asthmaticus	
R25   Gastric ulcer			J36	Peritonsillar abscess	
K26   Duodenal ulcer			J96		
K27   Peptic ulcer, site unspecified			K25	Gastric ulcer	
unspecified  K35 Acute appendicitis  K56 Paralytic ileus and intestinal obstruction without hernia  L00 Staphylococcal scalded skin syndrome  R04 Haemorrhage from respiratory passages  R10 Abdominal and pelvic pain  R56 Convulsions, not elsewhere classified  If > 30 R96 Other sudden death, cause unknown  Injury  Nil S09 Other and unspecified injuries of head  S29 Other and unspecified  12.01 Road traffic accident  12.02 Other transport			K26	Duodenal ulcer	
K56   Paralytic ileus and intestinal obstruction without hernia			K27		
intestinal obstruction without hernia  L00 Staphylococcal scalded skin syndrome  R04 Haemorrhage from respiratory passages  R10 Abdominal and pelvic pain  R56 Convulsions, not elsewhere classified  If > 30 years  R96 Other sudden death, cause unknown  Nil S09 Other and unspecified injuries of head  S29 Other and unspecified  12.01 Road traffic accident			K35	Acute appendicitis	
R04   Haemorrhage from respiratory passages   R10   Abdominal and pelvic pain   R56   Convulsions, not elsewhere classified   If > 30   R96   Other sudden death, cause unknown   Nil   S09   Other and unspecified injuries of head   12.01 Road traffic accident   S29   Other and unspecified   12.02 Other transport			K56	intestinal obstruction	
R10   Abdominal and pelvic pain     R56   Convulsions, not elsewhere classified     If > 30			L00		
R56 Convulsions, not elsewhere classified  If > 30 R96 Other sudden death, cause unknown  Injury Nil S09 Other and unspecified injuries of head  S29 Other and unspecified 12.01 Road traffic accident  12.02 Other transport			R04	_	
lf > 30 years  R96 Other sudden death, cause unknown  Nil  S09 Other and unspecified injuries of head  S29 Other and unspecified 12.01 Road traffic accident 12.02 Other transport			R10	Abdominal and pelvic pain	
Injury  Nil  So9 Other and unspecified injuries of head  S29 Other and unspecified accident  12.01 Road traffic accident  12.02 Other transport			R56		
injuries of head accident  S29 Other and unspecified 12.02 Other transport			R96		
	Injury	Nil	S09		
injuries of thorax accident			S29	Other and unspecified injuries of thorax	12.02 Other transport accident

S36	Injury of intra-	12.03 Accidental fall
	abdominal organs	12.04 Accidental
T65	Toxic effect of other and	drowning and
	unspecified substances	submersion
T29	Burns and corrosions of	12.05 Accidental
123	multiple body regions	exposure to smoke, fire
		and flames
T51	Toxic effect of alcohol	12.06 Contact with
T98	Sequelae of other and	venomous animals and
	unspecified effects of	plants
	external causes	10.07 Assidental
V02	Pedestrian injured in	12.07 Accidental poisoning and exposure
V 02	collision with two- or	to noxious substance
	three-wheeled motor	
	vehicle	12.08 Intentional self- harm
V03	Pedestrian injured in	nam
• • • • • • • • • • • • • • • • • • •	collision with car, pick-up	12.09 Assault
	truck or van	12.10 Exposure to force
V04	Pedestrian injured in	of nature
V 04	collision with heavy	40.00.00
	transport vehicle or bus	12.99 Other and unspecified external
1/05	D 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	cause of death
V05	Pedestrian injured in collision with railway train	
	or railway vehicle	(98 Other and
	· ·	unspecified noncommunicable
V09	Pedestrian injured in other	disease**)
	and unspecified transport accidents	,
	accidents	
V13	Pedal cyclist injured in	
	collision with car, pick- up truck or van	
	up truck or vari	
V14	Pedal cyclist injured in	
	collision with heavy	
	transport vehicle or bus	
V23	Motorcycle rider injured in	
	collision with car, pick-up	
	truck or van	
V24	Motorcycle rider injured in	
	collision with heavy	
	transport vehicle or bus	

V27	Motorcycle rider injured in collision with other nonmotor vehicle
V29	Motorcycle rider injured in other and unspecified
V43	Car occupant injured in collision with car, pick-up truck or van
V44	Car occupant injured in collision with heavy transport vehicle or bus
V47	Car occupant injured in collision with fixed or stationary object
V48	Car occupant injured in noncollision transport accident
V45	Car occupant injured in other and unspecified transport accidents
V53	Occupant of pick-up truck or van injured in collision with car, pick- up truck or van
V54	Occupant of pick-up truck or van injured in collision with heavy transport vehicle or bus
V58	Occupant of pick-up truck or van injured in noncollision transport accident
V59	Occupant of pick-up truck or van injured in other and unspecified transport accidents
V64	Occupant of heavy transport vehicle injured in collision with heavy transport vehicle or bus
V68	Occupant of heavy transport vehicle injured in

	noncollision transport accident	
V74	Bus occupant injured in collision with heavy transport vehicle or bus	
V78	Bus occupant injured in noncollision transport accident	
V81	Occupant of railway train or railway vehicle injured in transport accident	
V83	Occupant of special vehicle mainly used on industrial premises injured in transport accident	
V85	Occupant of special construction vehicle injured in transport accident	
V87	Traffic accident of specified type but victim's mode of transport unknown	
V89	Motor- or nonmotor- vehicle accident, type of vehicle unspecified	
V90	Accident to watercraft causing drowning and submersion	
V99	Unspecified transport accident	
W01	Fall on same level from slipping, tripping and stumbling	
W06	Fall involving bed	
W10	Fall on and from stairs and steps	
W11	Fall on and from ladder	

W13	Fall from, out of or	
	through building or	
	structure	
W14	Fall from tree	
W17	Other fall from one level	-
	to another	
	to another	
W18	Other fall on same level	
W19	Unspecified fall	
11100		
W20	Struck by thrown,	
	projected or falling object	
W23	Caught, crushed, jammed	
VV20	or pinched in or between	
	objects	
W29	Contact with other	
	powered hand tools and	
	household machinery	
14/04		
W31	Contact with other and	
	unspecified machinery	
W34	Discharge from other	
	and unspecified	
	firearms	
W49	Exposure to other and	
	unspecified inanimate	
	mechanical forces	
W54	Bitten or struck by dog	
VV 34	Billeri of Struck by dog	
W55	Bitten or struck by other	
1100	mammals	
W66	Drowning and	
	submersion following	
	fall into bath-tub	
14/0=	Drowning and	
W67	Drowning and submersion while in	
	swimming-pool	
	Swiiiiiiiig-pooi	
W69	Drowning and	
	submersion while in	
	natural water	

14770	1.5	
W70	Drowning and	
	submersion following	
	fall into natural water	
W73	Other specified	_
1773	drowning and	
	submersion	
	Submersion	
W74	Unspecified drowning	-
	and submersion	
W75	Accidental suffocation	
	and strangulation in bed	
		_
W77	Threat to breathing due	
	to cave-in, falling earth	
	and other substances	
W79	Inhalation and ingestion	-
VV 79	of food causing	
	obstruction of	
	respiratory tract	
W80	Inhalation and ingestion	-
1700	of other objects causing	
	obstruction of	
	respiratory tract	
	respiratory tract	
W85	Exposure to electric	-
	transmission lines	
		_
W86	Exposure to other	
	specified electric current	
W87	Exposure to upoposition	_
VV07	Exposure to unspecified	
	electric current	
X00	Exposure to uncontrolled	-
7.00	fire in building or structure	
	a managarata	
X01	Exposure to	
	uncontrolled fire, not in	
	building or structure	
		_
X03	Exposure to controlled	
	fire, not in building or	
	structure	
X04	Evacure to ignition of	-
X04	Exposure to ignition of	
	highly flammable material	
	Formation to invite a su	-
XN5	Exposure to junition or	A CONTRACTOR OF THE CONTRACTOR
X05	Exposure to ignition or melting of nightwear	

X06	Exposure to ignition or melting of other clothing and apparel	
X08	Exposure to other specified smoke, fire and flames	
X09	Exposure to unspecified smoke, fire and flames	
X12	Contact with other hot fluids	
X17	Contact with hot engines, machinery and tools	
X19	Contact with other and unspecified heat and hot substances	
X20	Contact with venomous snakes and lizards	
X21	Contact with venomous spiders	
X22	Contact with scorpions	
X27	Contact with other specified venomous animals	
X29	Contact with unspecified venomous animal or plant	
X33	Victim of lightning	
X34	Victim of earthquake	
X37	Victim of cataclysmic storm	
X39	Exposure to other and unspecified forces of nature	
X40	Accidental poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics	

X45	Accidental poisoning by and exposure to alcohol	
X46	Accidental poisoning by and exposure to organic solvents and halogenated hydrocarbons and their vapours	
X48	Accidental poisoning by and exposure to pesticides	
X49	Accidental poisoning by and exposure to other and unspecified chemicals and noxious substances	
X50	Overexertion and strenuous or repetitive movements	
X64	Intentional self- poisoning by and exposure to other and unspecified drugs, medicaments and biological substances	
X65	Intentional self- poisoning by and exposure to alcohol	
X68	Intentional self- poisoning by and exposure to pesticides	
X69	Intentional self- poisoning by and exposure to other and unspecified chemicals and noxious substances	
X70	Intentional self-harm by hanging, strangulation and suffocation	
X71	Intentional self-harm by drowning and submersion	
X72	Intentional self-harm by handgun discharge	

X74	Intentional self-harm by
	other and unspecified
	firearm discharge
X76	Intentional self-harm by
	smoke, fire and flames
1/00	
X80	Intentional self-harm by jumping from a high
	place
	piace
X81	Intentional self-harm by
	jumping or lying before
	moving object
X82	Intentional self-harm by
λ02	crashing of motor
	vehicle
X83	Intentional self-harm by
	other specified means
X84	Intentional self-harm by
704	unspecified means
X93	Assault by handgun
	discharge
X94	Assault by rifle, shotgun
	and larger firearm
	discharge
X95	Assault by other and
793	unspecified firearm
	discharge
	_
X97	Assault by smoke fire,
	flames
X98	Assault by steam, hot
	vapours and hot objects
1/00	Accoult by the sum of
X99	Assault by sharp object
	<u> </u>
Y00	Assault by blunt object
	Assault by blunt object
Y00 Y01	Assault by pushing
Y01	Assault by pushing from high place
	Assault by pushing
Y01 Y03	Assault by pushing from high place  Assault by crashing of motor vehicle
Y01	Assault by pushing from high place  Assault by crashing of

Y05	Sexual assault by bodily force	
Y08	Assault by other specified means	
Y09	Assault by unspecified means	
Y13	Poisoning by and exposure to other drugs acting on the autonomic nervous system, undetermined intent	
Y14	Poisoning by and exposure to other and unspecified drugs, medicaments and biological substances, undetermined intent	
Y18	Poisoning by and exposure to pesticides, undetermined intent	
Y19	Poisoning by and exposure to other and unspecified chemicals and noxious substances, undetermined intent	
Y20	Hanging, strangulation and suffocation, undetermined intent	
Y21	Drowning and submersion, undetermined intent	
Y22	Handgun discharge, undetermined intent	
Y24	Other and unspecified firearm discharge, undetermined intent	
Y30	Falling, jumping or pushed from a high place, undetermined intent	

Y85	Sequelae of transport accidents
R58	Haemorrhage, not elsewhere classified

Normal type denotes condition classified as time-critical by Hsiao et al. (2013). Bold/italic type denotes conditions classified as time-critical by author consensus decision.

<sup>\*\*</sup> Multiple ICD-10 codes in the non-communicable section and one ICD-10 code (R58 Haemorrhage, not elsewhere classified) in the injury section map(s) to the verbal autopsy code 98. Occurrences of the verbal autopsy code 98 in the dataset have been assigned to the non-communicable disease category; they have not been double counted by assigning to both the non-communicable disease and injury categories.

Table A2: Causes of death identified in dataset, by condition category

Category	Number of	Percentage
	deaths	of total
		deaths in
		category / %
		Category / /8
Maternal	112	
09.01 Ectopic pregnancy	2	1.79
09.02 Abortion-related death	8	7.14
Total Assertion Total Godan		7
09.03 Pregnancy-induced hypertension	26	23.21
09.04 Obstetric haemorrhage	66	58.93
03.04 Obstetne naemormage	00	36.93
09.06 Pregnancy-related sepsis	7	6.25
09.99 Other and unspecified maternal CoD	3	2.68
Non-communicable disease	2961	
04.01 Acute cardiac disease	225	7.60
04.02 Stroke	557	18.81
04.99 Other and unspecified cardiac dis	503	16.99
05.01 Chronic obstructive pulmonary dis	122	4.12
05.02 Asthma	113	3.82
06.01 Acute abdomen	113	3.82
08.01 Epilepsy	23	0.78
- Color Ephopol		0.70
98 Other and unspecified NCD	165	5.57
99 Indeterminate	1140	38.50
33 muetemmate	1140	30.30
		_1

Communicable	1483	
01.01 Sepsis (non-obstetric)	15	1.01
01.02 Acute resp infect incl pneumonia	1213	81.79
01.05 Malaria	146	9.84
01.07 Meningitis and encephalitis	109	7.35
Neonatal	287	
01.07 Meningitis and encephalitis	7	2.43
10.02 Birth asphyxia	56	19.51
10.03 Neonatal pneumonia	95	33.10
10.04 Neonatal sepsis	20	6.97
10.06 Congenital malformation	74	25.78
10.99 Other and unspecified neonatal CoD	35	12.20
Injury-related	1042	
12.01 Road traffic accident	420	40.31
12.02 Other transport accident	19	1.82
12.03 Accid fall	6	0.58
12.03 Accid fall 12.04 Accid drowning and submersion	6 34	0.58
12.04 Accid drowning and submersion	34	3.26
12.04 Accid drowning and submersion  12.05 Accid expos to smoke fire & flame	34	3.26
12.04 Accid drowning and submersion  12.05 Accid expos to smoke fire & flame  12.06 Contact with venomous plant/animal	34 36 2	3.26 3.45 0.19
12.04 Accid drowning and submersion  12.05 Accid expos to smoke fire & flame  12.06 Contact with venomous plant/animal  12.07 Accid poisoning & noxious subs	34 36 2 12	3.26 3.45 0.19 1.15
12.04 Accid drowning and submersion  12.05 Accid expos to smoke fire & flame  12.06 Contact with venomous plant/animal  12.07 Accid poisoning & noxious subs  12.08 Intentional self-harm	34 36 2 12 56	3.26 3.45 0.19 1.15 5.37

<u>Table A3: Proportion of time-critical deaths attributable to condition category, by age group</u>

Condition category	Age group									
	<10	≥10 to <20	≥20 to <30	≥30 to <40	≥40 to <50	≥50 to <60	≥60 to <70	≥70		
	n=924	n=184	n=458	n=837	n=686	n=622	n=636	n=1538		
Maternal	0	10	32	51	19	0	0	0		
	(0%)	(5.43%)	(7.00%)	(6.09%)	(2.80%)	(0%)	(0%)	(0%)		
NCD	0	0	0	401	375	444	476	1265		
	(0%)	(0%)	(0%)	(47.91%)	(54.66%)	(71.38%)	(74.84%)	(82.25%)		
CD	556	78	137	163	139	93	106	211		
	(60.17%)	(42.39%)	(29.91%)	(19.47%)	(20.26%)	(14.95%)	(16.67%)	(13.72%)		
Neonatal	287	0	0	0	0	0	0	0		
	(31.06%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)		
Injury	81	96	289	222	153	85	54	62		
	(8.80%)	(52.17%)	(63.10%)	(26.52%)	(22.30%)	(13.67%)	(8.49%)	(40.31%)		

NCD = Non-communicable disease

CD = Communicable disease

Table A4: Proportion of time-critical deaths attributable to condition category, by year

Condition category	Year of death							
outegory	1993	1994	1995	1996	1997	1998	1999	
	n=133	n=132	n=154	n=140	n=123	n=186	n=182	
Maternal	2	2	1	1	0 (0%)	3	1	
	(1.50%)	(1.52%)	(0.65%)	(0.71%)	, ,	(1.61%)	(0.55%)	
NCD	65	61	88	88	62	102	84	
	(48.87%)	(46.21%)	(57.14%)	(62.86%)	(50.41%)	(54.84%)	(46.15%)	
CD	26	22	27	23	25	26	44	
	(19.55%)	(16.67%)	(17.53%)	(16.43%)	(20.33%)	(13.98%)	(24.18%)	
Neonatal	8	8	4	4	8	10	14	
	(6.02%)	(6.06%)	(2.60%)	(2.86%)	(6.50%)	(5.38%)	(7.69%)	
Injury	32	39	34	24	28	45	39	
	(24.06%)	(29.55%)	(22.08%)	(17.14%)	(22.76%)	(24.19%)	(21.43%)	

Condition category	Year of death								
outogo.,	2000	2001	2002	2003	2004	2005	2006		
	n=182	n=182	n=222	n=247	n=221	n=268	n=295		
Maternal	2	2	2	5	2	7	4		
	(1.10%)	(1.10%)	(0.90%)	(2.02%)	(0.91%)	(2.61%)	(1.36%)		
NCD	102	93	111	127	116	164	143		
	(56.04%)	(51.10%)	(50.00%)	(51.42%)	(52.49%)	(61.19%)	(48.48%)		
CD	41	47	42	49	50	38	74		
	(22.53%)	(25.82%)	(18.92%)	(19.84%)	(22.62%)	(14.18%)	(25.08%)		
Neonatal	12	8	11	13	6	20	18		
	(6.59%)	(4.40%)	(5.00%)	(5.26%)	(2.72%)	(7.46%)	(6.10%)		
Injury	25	32	56	53	47	39	56		
	(13.74%)	(17.58%)	(25.23%)	(21.46%)	(21.27%)	(14.55%)	(18.98%)		

Condition category	Year of death								
g,	2007	2008	2009	2010	2011	2012	2013		
	n=315	n=359	n=334	n=340	n=333	n=334	n=398		
Maternal	4	7	4	6	4	15	12		
	(1.27%)	(1.95%)	(1.20%)	(1.76%)	(1.20%)	(4.49%)	(3.02%)		
NCD	165	154	170	171	169	157	197		
	(52.38%)	(42.90%)	(50.90%)	(50.29%)	(50.75%)	(47.01%)	(49.50%)		
CD	88	113	105	98	90	102	108		
	(27.94%)	(31.48%)	(31.44%)	(28.82%)	(27.03%)	(30.54%)	(27.14%)		
Neonatal	17	30	18	23	18	7	12		
	(5.40%)	(8.36%)	(5.40%)	(6.77%)	(5.41%)	(2.10%)	(3.02%)		
Injury	41	55	37	42	52	53	69		
	(13.02%)	(15.32%)	(11.08%)	(12.35%)	(15.62%)	(15.87%)	(17.34%)		

Condition category	Year of death				
outogoly	2014	2015			
	n=418	n=387			
Maternal	11	15			
	(2.63%)	(3.88%)			
NCD	196	176			
	(46.89%)	(45.48%)			
CD	126	119			
	(30.14%)	(30.75%)			
Neonatal	11	7			
	(2.63%)	(1.81%)			
Injury	74	70			
	(17.70%)	(18.09%)			

NCD = Non-communicable disease

CD = Communicable disease

Table A5: Cause of death in time-critical deaths with CoM indicator of discharged whilst ill

Cause of death	Number of deaths	Percentage
01.01 Sepsis (non-obstetric)	1	1.49
01.02 Acute resp infect incl pneumonia	16	23.88
01.05 Malaria	1	1.49
01.07 Meningitis and encephalitis	1	1.49
04.01 Acute cardiac disease	2	2.99
04.02 Stroke	21	31.34
04.99 Other and unspecified cardiac dis	13	19.4
05.01 Chronic obstructive pulmonary dis	3	4.48
06.01 Acute abdomen	4	5.97
09.04 Obstetric haemorrhage	1	1.49
12.09 Assault	1	1.49
98 Other and unspecified NCD	1	1.49
99 Indeterminate	2	2.99