

Complexity of maternal mortality questions in 30 recent population censuses: 22 examples

See: www.hist.umn.edu/~rmccaa/IPUMSI/matmort_censuses.htm

- **New practices—causes of death plus multiple bits on pregnancy related mortality:**
 - 7 censuses: *Cambodia 2008, *Vietnam 2009, Korea DPR 08, Burundi 2008, Djibouti 2009, *Malawi 2008, *South Africa 2001,
- **4 bits: pregnancy, childbirth, xxx days of delivery, or other**
 - 4 censuses: Algeria 2008, *Guinea Bissau 2009, *Kenya 2009, *Nicaragua 2005
- **3 bits: pregnancy, childbirth, or xxx days of delivery**
 - 5 censuses: Benin 2002, Burkina Faso 2006, *Honduras 2001, *Mozambique 2007, *Bolivia 2001
- **2 bits: simple yes/no question on death during pregnancy**
 - 13 censuses, 3 examples: *Ethiopia 2007, Liberia 2008, Laos 2005
- **Insufficient age data: Nigeria 2006 PES**

* = IPUMS-International partner; microdata to be disseminated as they become available

New practices: cause of death plus maternal mortality bits: pregnancy, childbirth, miscarriage/abortion, within xxx of delivery.

• *Cambodia	2008	14 causes	2 bits
		“pregnancy/delivery complications”	= best practice for measuring obstetric causes?
• *Vietnam	2009	4 causes	5 bits
• Burundi	2008	4	4
• Djibouti	2009	4	3
• Malawi	2008	4 in 1	3
• South Africa	2001	2 in 1	2

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Cambodia, 2008: 14 causes--including pregnancy complications, delivery complications-- plus yes/no pregnancy, childbirth or 42 days

PARTICULARS OF THE DECEASED						
Sl. No.	Name of Deceased	Sex 1: Male 2: Female (Enter Code)	Relationship to Head of Household (Use Code given for col.3 of Par 2)	Age at Death Write the age in total years completed at the time of death 00: less than one year 01: 1 year to less than 2 years 02: 2 year to less than 3 years	What was the cause of death ? (Enter Code from list below)	For woman aged 15-49 years who died
						Did the woman die while pregnant, during delivery or within 42 days after giving birth ?
						If 'yes' in column 7 (a) State where the death took place.
						State who attended on her before death .

does “complications” make for better practice for measuring obstetric causes?

IPUMS 100% mortality oversample females aged 15-49

Codes for Col. 6 Cause of Death			Codes for Col. 7(a) Place of Death	Codes for Col. 7(c) Attended by:
ILLNESS	ACCIDENT	NOT KNOWN	1: Hospital 2: Health Center 3: Home 4: Other	1: Doctor 2: Nurse 3: Midwife 4: Traditional Birth Attendant (TBA) 5: Other (Specify)..... 6: None
01: Fever 02: Diarrhoea 03: Tuberculosis 04: Heart disease 05: Dengue fever 06: Malaria 07: Tetanus 08: HIV/AIDS 09: Pregnancy complication 10: Delivery complication 11: Other illness	12: Land mine 13: Road Accident 14: Drowning 15: Other accident	16: Don't know		

QUESTION/FILTER	SERIAL NUMBER	THE DECEASED	1
36. Let me know about the full name of each deceased person?			
37. Is [NAME] male or female?	MALE.....1 <input type="checkbox"/> FEMALE.....2 <input type="checkbox"/>		
38. In what solar month and year did [NAME] die?	MONTH <input type="checkbox"/> <input type="checkbox"/> YEAR 2008.....1 <input type="checkbox"/> YEAR 2009.....2 <input type="checkbox"/>		
39. What was solar completed age of [NAME] when he/she died? IF AGE IS LESS THAN 12 MONTHS, WRITE '00' AGE IS ABOVE 95, WRITE '95	SOLAR AGE <input type="checkbox"/> <input type="checkbox"/>		
40. What is the cause of [NAME]'s death? L	DISEASES1 <input type="checkbox"/> WORKING ACCIDENT2 <input type="checkbox"/> TRAFFIC ACCIDENT.....3 <input type="checkbox"/> OTHER ACCIDENT4 <input type="checkbox"/> OTHER _____ 5 <input type="checkbox"/> (SPECIFY)		

***Vietnam, 2009: 4 causes plus 5 bits—Pregnancy, Childbirth, Miscarriage/abortion, 42 days after birth/lost pregnancy, “no”.**

41. CHECK Q 37, 39, 40: IF WOMEN AGED 15-49 WHO DIDN'T DIE OF ACCIDENT	
42. Did [NAME] die during pregnancy? IF NOT: Did [NAME] die during childbirth? IF NOT: Did [NAME] die after miscarriage/abortion? IF NOT: Did [NAME] die within 42 days of after childbirth/lost pregnancy?	PREGNANCY.....1 <input type="checkbox"/> CHILDBIRTH.....2 <input type="checkbox"/> MISCELLANEOUS.....3 <input type="checkbox"/> 42 DAYS OF AFTER CHILDBIRTH/LOST PREGNANCY4 <input type="checkbox"/> NO5 <input type="checkbox"/>

Burundi, 2008: 4 non-maternal mortality causes or 4 bits-- Pregnancy, Childbirth, Abortion/Miscarriage, 6 weeks of Childbirth

IV. DECES SURVENUS DANS LES MENAGES AU COURS DES 12 DERNIERS MOIS

<p>Y aurait-il eu des décès dans ce ménage au cours des 12 derniers mois c'est-à-dire entre le 15/08/07 et le 14/08/08? Si Oui combien ? <u> </u></p> <p>Si la réponse est Oui, poser les questions de D1 jusqu'à D4 et enregistrez les réponses en suivant les instructions du manuel</p> <p>Si la réponse est Non, passez à la section V</p>				
N°	Nom et prénom	Sexe de la personne décédée	Âge au décès	Cause de décès (Pour les femmes de 12-49ans)
	Inscrire les noms et prénoms des personnes décédées au cours des 12 derniers mois	1. Masculin. 2. Féminin.	Inscrire dans les cases vides l'âge au décès	
D0	D1	D2	D3	D4
1		<u> </u>	<u> </u> <u> </u>	<u> </u>

D4 : 1. Pendant la grossesse ; 2. Pendant l'accouchement ; 3. Suite à l'avortement ou à la fausse couche ; 4. Dans les 6 semaines suivant l'accouchement ; 5. Assassinat /crimes ; 6. Empoisonnement ; 7. Maladie ; 8. Autre ; 9. Ne sait pas

Djibouti, 2009: 4 causes or 3 bits--Pregnancy, Childbirth, 42 days of Childbirth

Personnes décédées		Si M4 = 00 (moins de 1 an)	Pour les femmes de 12 à 49 ans décédées
Âge exact	Cause du décès	Age exact du bébé décédé	Si M5 = 4 (Maternité) précisez la période
Inscrire l'âge du défunt à son décès - Si l'âge du défunt est de moins 1 an inscrire « 00 » → M6	CODE 1- Vieillesse 2- Maladie 3- Accident 4- Noyade 5- Maternité → M7 6- Autre cause 7- Cause inconnue	CODE 1- Moins de 7 jours 2- De 7 à 30 jours 3- Plus d'un mois	CODE 1- Durant la grossesse 2- Lors de l'accouchement 3- 1 à 42 jours après l'accouchement
M4	M5	M6	M7
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Malawi, 2008:
4 causes—Accident/injury/suicide/violence—in 1 plus 3 bits—
Pregnancy, Childbirth, 6 weeks of termination of pregnancy

SECTION M: MATERNAL AND GENERAL DEATHS

Please record information on the deaths that occurred in the household during the last 12 months.
 Do not forget the children.

M1. Is there any member of the household who died during the last 12 months? Yes No (*If No, go to MM*)

M2. Specify the sex and age of the deceased

If death of Woman aged 12-49 was the death...

Death No.	Sex	Age at death <i>Age in completed years. (Record 00 if less than 1 year)</i>	due to accident? injury? suicide? violence?	while pregnant?	during childbirth?	during the 6 weeks period following the termination of pregnancy, irrespective of the way the pregnancy was terminated?	
							Yes <input type="checkbox"/>
1	Male 1	0 1 2 3 4 5 6 7 8 9	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>
2	Female 2	0 1 2 3 4 5 6 7 8 9	No <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>	No <input type="checkbox"/>

South Africa, 2001: 2 causes in 1 (accident/violence) plus 2 bits: yes/no pregnant or 6 weeks of delivery

ON REGARDING THE HOUSEHOLD

<p>What was the month and year of death? Write the month and year of death.</p>		<p>What is the sex of the deceased? M = Male F = Female Dot the appropriate box.</p>	<p>What was the age in years at death? For example, if 2 years of age write 0 0 2</p>	<p>Did (the person) die from an accident or through violence? Y = Yes N = No Dot the appropriate box.</p>	<p>If the deceased was a woman under 50 years, did (the person) die while pregnant or within six weeks after delivery? Y = Yes N = No Dot the appropriate box.</p>
Month	Year				
M M	Y Y Y Y	M F		Y N	Y N

UN Principles and Recommendations

**standard 4-5 bits: pregnancy, childbirth,
within xxx of delivery, or other, or not sure**

• Korea, DPR	2008	5 bits
• *Kenya	2009	5
• Algeria	2008	4
• *Guinea Bissau	2009	4
• *Malawi	2008	4
• *Nicaragua	2005	4

***** = IPUMS-International partner; microdata to be disseminated as they become available

Korea, DPR 2008: DATE OF DEATH, 5 bits: pregnancy, abortion/miscarriage 42 days, childbirth 42 days, no, or not sure

For female members who died between ages 15 and 49: (Born during the period 1 Oct. 1958 to 30 Sept. 1993)

M6 Was ____ pregnant at the time of her death?	1 YES → M9 2 NO <input type="checkbox"/> 3 NOT SURE	1 YES → M9 2 NO <input type="checkbox"/> 3 NOT SURE	1 YES → M9 2 NO <input type="checkbox"/> 3 NOT SURE	1 YES → M9 2 NO <input type="checkbox"/> 3 NOT SURE
M7 Did _____ die while having abortion or miscarriage or within 42 days of having abortion/miscarriage?	1 YES → M9 2 NO <input type="checkbox"/>			
M8 Did _____ die while giving birth or within 42 days of giving birth?	1 YES 2 NO → M10 <input type="checkbox"/>	1 YES 2 NO → M10	1 YES 2 NO → M10	1 YES 2 NO → M10
M9 Where did _____ die?	1 Home 2 Hospital <input type="checkbox"/> 3 Others			
M10 Did she have a live birth anytime between 1 Oct. 2007 and the time of death? If "Yes", How many male	1 YES <input type="checkbox"/> 2 NO → Next Person Male <input type="checkbox"/> <small>(Total)</small>	1 YES <input type="checkbox"/> 2 NO → Next Person Male <input type="checkbox"/> <small>(Total)</small>	1 YES <input type="checkbox"/> 2 NO → Next Person Male <input type="checkbox"/> <small>(Total)</small>	1 YES <input type="checkbox"/> 2 NO → Next Person Male <input type="checkbox"/> <small>(Total)</small>

Kenya, 2009: 5 bits—pregnancy, delivery, within 2 months—or other or do not know

s In the Household		
(H-13)	(H-14)	(H-15)
Was this death notified?	Age	Sex
1=Yes 2=No 9=DK	How old was <NAME>'s at his/her death? In completed years Code "00" for less than 1 year Code "99" for DK	1=Male 2=Female If male skip to next name

H: Information About Deaths In the Household

(H-16)

For females who died at age 12 - 49 years

Did the death occur...

1=During pregnancy?

2=During delivery?

3=Within two months after delivery?

4=Other

9=DK

Algeria, 2008: 4 bits—Pregnancy, Childbirth, 42 days of Childbirth—or other

الوفيات التي حدثت خلال السنة الماضية

Guinea-Bissau, 2009: 4 bits—Pregnancy, Childbirth, 45 days of Childbirth—or other

IV. LISTE AS PESSOAS PERTENCENTES A ESTE AGREGADO FAMILIAR QUE MORRERAM NOS ÚLTIMOS 12 MESES de 01/03/2008 a 28/02/2009

Nº	Nome	Sexo	Idade ao Falecer (em anos Completos)	Se for <u>Mulher de 12 e mais anos,</u> será que ela faleceu numa das seguintes condições?
M 01	M 02	M 03	M 04	M 05
1		1 - M 2 - F	__ __ __	<p><i>1 – Durante a Gravidez,</i> <i>2 – Durante o Parto,</i> <i>3 – Até 45 dias depois do parto,</i> <i>4 – Fora destas condições</i></p>

Nicaragua, 2005—INCLUDES DATE OF DEATH: 4 bits— pregnancy, childbirth, 40 days after childbirth—or other

ON V. DEFUNCIONES EN EL HOGAR

ó alguna persona que era miembro de este hogar?

2

No

→ (Pase a Sección VI-A)

*No olvide anotar las defunciones de
recién nacidos y de ancianos*

3 ¿Qué edad tenía [...] al morir? <i>(Si era menor de 1 año anote 000)</i>	4 ¿ [...] era varón o mujer?	5 ¿Obtuvieron certificado de defunción por parte del MINSA para [...]?	6 ¿Inscribieron la defunción de [...] en el Registro Civil?	<i>Sólo para mujeres fallecidas de 12 a 54 años</i> 7 [...] murió durante: 1 <input type="checkbox"/> Un embarazo 2 <input type="checkbox"/> Un parto 3 <input type="checkbox"/> Los 40 días después de un parto 4 <input type="checkbox"/> Otro momento 1 <input type="checkbox"/> Un embarazo
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1 <input type="checkbox"/> Varón 2 <input type="checkbox"/> Mujer	1 <input type="checkbox"/> Sí 2 <input type="checkbox"/> No	1 <input type="checkbox"/> Sí 2 <input type="checkbox"/> No	

Maternal Mortality 3 bits: pregnancy, childbirth, or within xxx of delivery

- **Benin** 2002
- **Burkina Faso** 2006
- ***Honduras** 2001
- ***Mozambique** 2007
- ***Bolivia** 2001 (**unfortunately
deaths limited to females only**)

*** = IPUMS-International partner; microdata to be disseminated as they become available**

**Benin, 2002: 3 bits—Pregnancy, Childbirth,
42 days of Childbirth—plus Burial place**

		1. OUI	2. NON	→40	MORTALITE MATERNELLE DES FEMMES DE 10 A 55 ANS		
AGE AU DECES (34)	LIEU D'ENTERREMENT (35)	SITUATION MATORNIALE AU DECES DES PERSONNES DE 10 ANS ET PLUS (36)	Etais-elle decedee des problemes liees a la grossesse ? (37)	Etais-elle deoedee au cours de l'accouplement ? (38)	Etais-elle decedee des suites de l'accouplement dans les 42 jours ? (39)		
1 J	Nombre	1 Domicile	0 C 5 D	1 OUI	1 OUI	1 OUI	
2 M		2 Cimetiere	1 MI 6 V				
2 M	→		2 M2 7 S				
3 A		9 Autre	3 M3 8 UL	2 NON	2 NON	2 NON	
			4 M4				

Burkina Faso, 2006: 3 bits with a twist—Pregnancy, Childbirth, # days *within* 2 months of Childbirth

IV - DECES DES 12 DERNIERS MOIS									
D1	Y a-t-il eu des personnes décédées dans votre ménage au cours des 12 derniers mois ?								OUI = 1 NON = 2
D2	Si Oui combien ?								
TOUTE PERSONNE DECEDEEE							SI LA PERSONNE DECEDEEE EST UNE FEMME AGEEE ENTRE 10 ET 65 ANS, AU MOMENT DE SON DECES ETAIT-ELLE :		
N° de cas	NOM ET PRENOMS	SEXE	DATE DE NAISSANCE	DATE DE DECES	AGE AU DECES (en années nivouées)	ENCEINTE P/ACCOURC- HER?	EN TRAIN D'UN ACCOURCHEMENT ? (Si Oui, noter le nombre exact de jours)		
D3	D4	D5	D6	D7	D8	D9	D10	D11	
		1. Masc.	Mois... <input type="text"/> <input type="text"/>	Mois... <input type="text"/> <input type="text"/>		1. OUI	1. OUI	1. OUI <input type="text"/>	
		2. Fem.	Année <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Année <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		2. NON	2. NON	2. NON <input type="text"/>	

Honduras, 2001—INCLUDES MONTH, DAY OF DEATH--3 bits: pregnancy, childbirth, 2 months after childbirth

Mozambique, 2007 3 bits: pregnancy, childbirth, 2 months after childbirth

H2. Se sim, especifique:

Nome	Sexo 1=Masc. 2=Fem.	Idade	Só para mulheres de 12-50 anos morte		
			A morte foi durante a gravidez? (1=Sim, 2=Não)	A morte foi durante o parto? (1=Sim, 2=Não)	A morte foi após o fim da gravidez ou parto? (1=Sim, 2=Não)
Bebé	1		_0_ _0_ _0_		

Joana	2	_0_ _3_ _3_	1	2	2
Vânia	2	_0_ _4_ _2_	2	1	2

Bolivia, 2001—NO MALE DEATHS: 3 bits—Pregnancy,

Childbirth, up to 2 months after Childbirth or other

Note: only 1 female death age 15+ could be listed.

No instructions given on what to do if there were 2 or more

23 - DURANTE EL AÑO 2000, ¿MURIÓ ALGUNA PERSONA QUE VIVÍA CON USTEDES?	
Sí	<input type="radio"/> 1
No	<input type="radio"/> 2 Pase al CAPÍTULO D
24 - ESTA PERSONA, ¿ERA MUJER DE 15 O MÁS AÑOS DE EDAD?	
Sí	<input type="radio"/> 1
No	<input type="radio"/> 2 Pase al CAPÍTULO D
25 - ¿SU FALLECIMIENTO SE PRODUJO...	
estando embarazada?	<input type="radio"/> 3
dando a luz?	<input type="radio"/> 4
hasta los dos meses después de haber dado a luz?	<input type="radio"/> 5
otros?	<input type="radio"/> 6
26 - ¿QUÉ EDAD TENÍA CUANDO FALLECIÓ?	<input type="text"/> <input type="text"/> AÑOS

10% sample	n:
3 While pregnant	94
4 While giving birth	188
5 Up to two months after giving birth	153
6 Other	3,819
8 No answer	681
9 NIU	234,540
Age 15	150
20	173
25	155
30	170
35	165
40	160
45	118
50	210

Samoa 2006:
no age data
for males.

2 bits:

**14 censuses with a single, yes/no question for death
during pregnancy (3 examples)**

Africa:

*Ethiopia	2007
Liberia	2008
Namibia	2001
*Senegal	2002
*Sierra Leone	2004
*South Africa	2001, 7
*Sudan	2008
Swaziland	2007
Zimbabwe	2002

Asia:

Laos	2005
*Palestine	2007
Syria	2004
Yemen	2004

* = IPUMS-International partner; microdata to be disseminated as they become available

Ethiopia, 2007: general yes/no question only

SECTION 4: DEATHS IN THE HOUSEHOLD DURING THE LAST 12 MONTHS

1. Did a death occur in the household since 29 May 2006?

If yes, record number of deaths in the box on the right and further details below.

If no, record "0" and go to Section 5 (Housing)

<input type="text"/>	0	1	2	3	4	5	6	7	8	9
----------------------	---	---	---	---	---	---	---	---	---	---

2. Name of deceased

3. Sex of deceased

4. Age at death

Record age in completed years

ONLY FOR WOMEN WHO DIED BETWEEN AGE 12-49

5. Did (NAME) die during pregnancy, childbirth or within 2 months after childbirth?

Male

1

<input type="checkbox"/>

0 1 2 3 4 5 6 7 8 9

Yes

1

Female

2

<input type="checkbox"/>

0 1 2 3 4 5 6 7 8 9

No

2

Liberia, 2008: general yes/no question only

SECTION 5: DEATHS IN THE HOUSEHOLD

HOW MANY DEATHS OCCURRED IN THIS HOUSEHOLD IN THE LAST 12 MONTHS (1 APRIL 2007 - MARCH 2008)	NAME OF DECEASED	SEX M=1 F=2	IF FEMALE 10-49, WAS....'S DEATH DURING PREGNANCY OR WITHIN 42 DAYS AFTER CHILD BIRTH? YES=1 NO=2	AGE AT DEATH Completed Years
D1	D2	D3	D4	D5
<input type="checkbox"/>	1			
	2			
If one or more, answer questions D2, D3, D4 & D5, OTHERWISE END THE INTERVIEW	3			
	4			

Laos, 2005: general yes/no question

F		Death in household
21		
Did any death occur in the household last 12 months?		
<input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No		
Was there a death in the household last 12 months?	How old was the deceased?	For women 15-49 years and for deaths other than in accidents:
		Did she die while pregnant, while giving birth or within 42 days after giving birth?
1. Male	Age	
2. Female		
<input type="checkbox"/> 1		<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> 2		

Maternal Mortality: NO AGE DATA

Not recommended:

Little demographic analysis is possible

Maternal mortality is difficult/impossible

to estimate

- Nigeria 2006

Nigeria, 2006—Do not do this!

Demographic analysis is difficult when only total deaths are recorded without age at death

D1. How many persons in this household died in the last 12 months? If None mark 00.

Total	<input type="text"/>	<input type="text"/>
Male	<input type="text"/>	<input type="text"/>
Female	<input type="text"/>	<input type="text"/>
	00	00
	11	11
	22	22
	33	33
	44	44
	55	55
	66	66
	77	77
	88	88
	99	99

CAUSE OF DEATH

D2. How many of the deaths occurred due to:

	Male	Female
Motor Accident	<input type="text"/>	<input type="text"/>
Violence	<input type="text"/>	<input type="text"/>
Pregnancy Related	<input type="text"/>	<input type="text"/>
HIV/AIDS	<input type="text"/>	<input type="text"/>
Other Causes	<input type="text"/>	<input type="text"/>

If Deaths due to Pregnancy related causes also complete D3 below

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

PREGNANCY RELATED DEATHS

D3. Of the deaths due to pregnancy related causes, how many died during

Pregnancy	<input type="text"/>	<input type="text"/>
Delivery	<input type="text"/>	<input type="text"/>
Six weeks after delivery	<input type="text"/>	<input type="text"/>
Not sure	<input type="text"/>	<input type="text"/>

Maternal Mortality in 2010 round censuses

Africa: 14 with; 5 without; 2 DNK, 27 targets

See: www.hist.umn.edu/~rmccaa/IPUMSI/matmort_censuses.htm

Africa: 14 countries already taken censuses with Mat Mort:

Algeria 2008

***Burkina Faso 2006**

Burundi 2008

Djibouti 2009

***Ethiopia 2007**

***Kenya 2009**

Liberia 2008

***Mozambique 2007**

Namibia 2001

***Senegal 2002**

***Sierra Leone 2004**

***South Africa 2007**

***Sudan 2008**

Swaziland 2007

5 Censuses taken without matmort

Cameroun 2005

Congo Republic 2006

Egypt 2006

Libya 2008?

Nigeria 2006

2009 censuses, 2 without form:

Chad, Mali

*** = IPUMS-International partner; microdata to be disseminated as they become available**

Maternal Mortality module targets?

27 African countries yet to take 2010 round census

See: www.hist.umn.edu/~rmccaa/IPUMSI/matmort_censuses.htm

Africa: countries:

Angola

Benin

***Botswana**

Central African Republic

Congo, DR

Cote d'Ivoire

Eritrea

Gabon

Gambia

***Ghana**

***Guinea**

*  PUMS-International partner; microdata to be disseminated as they become available

Madagascar

Mauritania

***Morocco**

Namibia

***Niger**

***Rwanda**

***Senegal**

***Sierra Leone**

Somalia

***South Africa**

***Tanzania**

Togo

Tunisia

***Uganda**

***Zambia**

Zimbabwe

Maternal Mortality module targets? Asia (2010, '11+)

See: www.hist.umn.edu/~rmccaa/IPUMSI/matmort_censuses.htm

Afghanistan

*Bangladesh

*China

*India

*Indonesia

*Iraq

*Malaysia

Myanmar

*Pakistan

*Philippines

*Thailand

Age & Death date in Maternal Mortality modules in 30 recent population censuses: 22 examples

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Age at death: 1 did NOT collect age: Nigeria 2006

28 censuses collect age at death:

- 1 collected age for only females 15+: Bolivia 2001
- 3 collected month and year: Algeria 08, Burkina Faso 06, Syria 04
- 1 collected day, month for calendar year: Honduras 2001
- 1 collected day, month, year: Nicaragua 2005

Date of Death:

- Only 4 censuses: Korea DPR 2008, Vietnam 2009, Algeria 2008, and Burkina Faso 2006
- Namibia collected deaths for a 3 year period—identified only year of death