

## Africa Centre Demographic Information System (ACDIS)

### Verbal Autopsy Dataset Documentation

#### Change History

<u>Who</u>	<u>When</u>	<u>What</u>
Colin Newell and Kobus Herbst	19 May 2009	Original

Dataset name	VA Narrative
<b>Description</b>	<p>As in many developing and rural areas of the world, many people die outside of hospitals and clinics, and even when they do die in a hospital setting the precise cause of death is often not known to relatives. The verbal autopsy (VA) methodology aims to establish retrospectively through interviews by nurses with the family, preferably the caregiver, of the deceased the cause of death. After a review of the VA interviews, a panel of 2 or 3 physicians will assign a cause of death independently from each other. ICD 10 is used to code causes of death.</p> <p>The VA questionnaire is age specific and contains an open section called narrative, a checklist of major signs and symptoms, and a structured section eliciting more details on signs and symptoms reported.</p> <p>The timing of a VA interview with the family/caregivers of the deceased is a delicate issue, but normally it occurs between 4 months and a year after the death.</p>
<b>Rows/Units of analysis</b>	One row per death.
<b>Unique identifier(s)</b>	llntld
<b>Approx. number of rows</b>	12,204

Postal: PO Box 198, Mtubatuba 3935, South Africa  
 Physical: Africa Centre, R618 en route to Hlabisa, Somkhele  
 Tel.: +27 (0)35 550 7500  
 Fax: +27 (0)35 550 7565  
 Email: [info@afriacentre.ac.za](mailto:info@afriacentre.ac.za)  
 Web: [www.afriacentre.com](http://www.afriacentre.com)



**BSID:** **DSID:**  
**NAME** of the deceased:  
**DOB** of the deceased:  
**DOD:** 200\_/\_  
**SEX:** Male / Female  
**RESIDENCY:** Resident  
**DATE** of Interview:  
**INTERVIEWERS NAME:**  
**INFORMANTS NAME** (relationship):

Did you care for the deceased before death?      Yes    No    N/A  
 If no, were you present during the illness?      Yes    No    N/A  
 Tick relationship of the informant to the deceased

Spouse	Grandchild	Grandparent	
Child	Parent	Sibling	
Son-in-law	Father-in-law	Other relative	
Daughter-in-law	Mother-in-law	Other non relative	

**BIO-MEDICAL PART**

**SOCIAL PART**

Places or persons for care in temporal order
1
2
3
4
5
6
7

## Verbal Autopsies Dataset Variable List

Variable Name	Description	Source in ACQ Verbal Autopsy database	Format/Codes/Special values	Notes/comments
IntID	Unique Id of Individual	<i>SubjectID</i>	Integer 11-145000 No blanks	Unique identifier. Use to link into ACDIS Individuals, Deaths etc datasets
Carer	Did you care for the deceased before death?	<i>VAN_Care</i>	YES Yes NO No DKN _don't know NAD _not applicable RFS _refused MIS _Missing QRY _query RFS Refused	Most are 'YES'
Present	If no, were you present during the illness?	<i>VAN_Present</i>	YES/NO etc. As above	About half say Yes

## Verbal Autopsies Dataset Variable List

Variable Name	Description	Source in ACQ Verbal Autopsy database	Format/Codes/Special values	Notes/comments
Relationship	Relationship of the informant to the deceased	<i>VAN_Relationship</i>	CHI Child SPO Spouse SIB Sibling PAR Parent GRC Grandchild GRP Grandparent DAU Daughter-in-law FAT Father-in-law MOT Mother-in-law SON Son-in-law OTN Other non-relative OTR Other relative NAD _not applicable QRY _query RFS _refused DFT _default DKN _don't know MIS _missing Null	
Care1	1	<i>VAN_Care01</i>	Text string	Names of GPs, clinics, hospitals etc.  Over 9,000 useful values
Care2	2	<i>VAN_Care02</i>	Text string	Ditto.  About 8500 values
Care3	3	<i>VAN_Care03</i>	Text string	Ditto,  5,600 values

### Verbal Autopsies Dataset Variable List

Variable Name	Description	Source in ACQ Verbal Autopsy database	Format/Codes/Special values	Notes/comments
Care4	4	<i>VAN_Care04</i>	Text string	Ditto, 3,200 values
Care5	5	<i>VAN_Care05</i>	Text string	Ditto, 1,500 values
Care6	6	<i>VAN_Care06</i>	Text string	Ditto, 600 values
Care7	7	<i>VAN_Care07</i>	Text string	Ditto 175 values
Care8	8	<i>VAN_Care08</i>	Text string	Ditto 11 values
Care9	9	<i>VAN_Care09</i>	Text string	No useful data
Care10	10	<i>VAN_Care10</i>	Text string	No useful data

```

SQL
/*
<Author>Colin Newell</Author>
<Date>18 May 2009</Date>
<Category>Dataset</Category>
<Notes>
Requested by: VA dataset

Request: To produce an analytical dataset from VA database (ACQ)
</Notes>
<ChangeHistory>
C Newell 18 May 2009 Original coding
</ChangeHistory>

Based on SQL created by Kobus's 5may09 SQL 'SQLcreatingDataExtractionQueryFromKobus.sql'

Takes under 30 seconds to run.
N rows = 12,204 (12may09)
*/
ALTER VIEW cntmp_VANarrative
AS
SELECT
    DN.SubjectID As IIntID,
--DN.QSessionID, -- not nuseful to analysts

--Newxt fe lines not useful to analysts and sensitive personal names etc.
--MAX(CASE Variable WHEN 'VAN_DOB' THEN CAST(Value AS datetime) ELSE NULL END) DOB,
--MAX(CASE Variable WHEN 'VAN_DoD' THEN CAST(Value AS datetime) ELSE NULL END) DoD,
--MAX(CASE Variable WHEN 'VAN_Sex' THEN CAST(Value AS char(3)) ELSE NULL END) Sex,
--MAX(CASE Variable WHEN 'VAN_Residency' THEN CAST(Value AS char(3)) ELSE NULL END) Residency,
--MAX(CASE Variable WHEN 'VAN_Interview' THEN CAST(Value AS datetime) ELSE NULL END) Interview,
--MAX(CASE Variable WHEN 'VAN_Interviewer' THEN CAST(Value AS char(3)) ELSE NULL END) Interviewer,
--MAX(CASE Variable WHEN 'VAN_Informant' THEN CAST(Value AS varchar(255)) ELSE NULL END) Informant,

    MAX(CASE Variable WHEN 'VAN_Care' THEN CAST(Value AS char(3)) ELSE NULL END) Carer,
    MAX(CASE Variable WHEN 'VAN_Present' THEN CAST(Value AS char(3)) ELSE NULL END) Present,
    MAX(CASE Variable WHEN 'VAN_Relationship' THEN CAST(Value AS char(3)) ELSE NULL END) Relationship,
--MAX(CASE Variable WHEN 'VAN_MedPart' THEN CAST(Value AS varchar(MAX)) ELSE NULL END) MedPart, -- all values
are Null

```

```

--MAX(CASE Variable WHEN 'VAN_SocPart'      THEN CAST(Value AS varchar(MAX)) ELSE NULL END) SocPart, -- all values
are Null

MAX(CASE Variable WHEN 'VAN_Care01'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care1,
MAX(CASE Variable WHEN 'VAN_Care02'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care2,
MAX(CASE Variable WHEN 'VAN_Care03'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care3,
MAX(CASE Variable WHEN 'VAN_Care04'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care4,
MAX(CASE Variable WHEN 'VAN_Care05'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care5,
MAX(CASE Variable WHEN 'VAN_Care06'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care6,
MAX(CASE Variable WHEN 'VAN_Care07'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care7,
MAX(CASE Variable WHEN 'VAN_Care08'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care8,
MAX(CASE Variable WHEN 'VAN_Care09'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care9,
MAX(CASE Variable WHEN 'VAN_Care10'        THEN CAST(Value AS varchar(255)) ELSE NULL END) Care10
FROM dbo.vacDefaultVAN DN
JOIN dbo.udfQValues('VAN') VN ON (DN.QSessionID = VN.QSessionID)
GROUP BY DN.SubjectID, DN.QSessionID

```