

United Republic of Tanzania

Bonita Kilama, National AIDS Control Program

HIV/ AIDS Care and treatment services in Tanzania

Study Documentation

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Table of Contents

Overview	4
Scope & Coverage	5
Producers & Sponsors	6
Sampling	6
Data Collection	6
Files Description	7
tblAppointments	7
tblAIDSdefiningEvents	7
tblARVAdherenceReasons	7
tblARVReasons	8
tblDataCheckNotes	8
tblEducation	8
tblOtherMedication	8
tblPatientClassifications	9
tblPatients	9
tblProblems	9
SecurityUsers	10
tblStartARTanotherClinic	10
tblStatus	10
tblFamilyInfo	10
tblFamilyRelatives	11
tblReferralsTo	11
tblPregnancies	11
tblVisits	12
Variables List	13
tblAppointments	13
tblAIDSdefiningEvents	13
tblARVAdherenceReasons	13
tblARVReasons	13
tblDataCheckNotes	13
tblEducation	14
tblOtherMedication	14
tblPatientClassifications	14
tblPatients	14
tblProblems	15
SecurityUsers	15
tblStartARTanotherClinic	15
tblStatus	15
tblFamilyInfo	15
tblFamilyRelatives	16
tblReferralsTo	16
tblPregnancies	16
tblVisits	16
Variables Description	18
tblAppointments	19
tblAIDSdefiningEvents	20
tblARVAdherenceReasons	23
tblARVReasons	24
tblDataCheckNotes	27
tblEducation	28
tblOtherMedication	30
tblPatientClassifications	31
tblPatients	32
tblProblems	41

SecurityUsers	43
tblStartARTanotherClinic	44
tblStatus	46
tblFamilyInfo	47
tblFamilyRelatives	49
tblReferralsTo	50
tblPregnancies	51
tblVisits	53

HIV/ AIDS Care and treatment services in Tanzania

Overview	
Type	Administrative Records, Health (ad/hea]
Identification	TanzaniaNationalCareandTreatmentClinicData13012015
Version	
Series	<p>The Tanzania HIV/ AIDS Care and Treatment (CTC) services administration data collection is an ongoing programme since the inception of the National HIV care and treatment programme in 2004. In total there are 5 recording and 3 reporting tools which are as follows:</p> <p>Care and treatment card (CTC 1) kept by the patient Patient Record Form (CTC 2) kept and filed at the clinic. This provides a basis for various reports including monthly, quarterly and cohort analysis reports Pre-ART register and ART registers for paper-based records in clinics to track patients prior to ART initiation and while on ART respectively.</p> <ul style="list-style-type: none"> - CTC2 database is used for entering the CTC2 forms into a computer. <p>This is available to clinics where electronic record-keeping is possible, and is often supported by one of the implementing partners in the region.</p> <p>The reporting tools (used between 2006 and 2010) include:</p> <ul style="list-style-type: none"> - A monthly report on the cumulative numbers in care and on treatment at the clinic - A quarterly report of the current number in care and on ART, which also includes information on drug use - A cohort analysis report which provides information on the treatment outcomes of all those who started ART for each month, up to 6 years <p>The Tanzania national CTC services are coordinated by the Tanzania Ministry of Health and Social Welfare (MoHSW) through the National AIDS Control Programme (NACP). There are a number of implementing partners who are involved in the various health facilities across the regions of Tanzania. The services are supported by donors which include:</p> <ul style="list-style-type: none"> · The governments of Sweden, Canada, Norway, the Netherlands and Japan, along with the US government through the President's Emergency Plan for AIDS Relief (PEPFAR). Other countries contribute funds to the Tanzanian government basket fund, which is used for all government expenditure · UN Agencies such as UNDP, UNAIDS and WHO · International funding through the Global Fund for AIDS, TB and Malaria (GFATM). <p>The implementation of care and treatment services at the health facility level has been regionalised. The current partners, with the previous names in brackets, and the regions they serve are</p> <ul style="list-style-type: none"> - AIDS Relief, - Clinton Health Access Initiative (CHAI), - Elizabeth Glaser Pediatric AIDS Foundation (EGPAF), - TUNAJALI (Deloitte/Family Health International), - International Centre for AIDS Care and Treatment Program (ICAP), - Muhimbili Dar City Harvard (MDH) and - Walter Reed - supporting one or multiple regions - PharmAccess International (PAI) supporting the military and the uniformed forces. <p>The University Computing Centre (UCC) has been commissioned to support the database systems, including both the CTC2 database used at a large number of HIV care and treatment clinics (CTC) and the National Care and Treatment database at NACP.</p> <p>The documented data are taken from the data recorded on the paper CTC2 form.</p>

	CTC programme was designed to monitor and evaluate the national health sector's response to HIV AIDS.
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Abstract

The Care and Treatment (CTC) program for HIV positive patients in Tanzania was rolled out in 2004. At the same time, the government and the donor partners recognized the need to collect quality data on those accessing the CTC services. Although routine data cannot be collected from every clinic providing CTC, collection from a wide range of clinics across the country will provide useful information to policy makers and implementing partners.

The purpose of the data are to monitor services being provided, to assess the impact of the services on those accessing them, and to evaluate changes in the services over time.

Ownership of the data is with MoHSW through the National AIDS Control Program (NACP) although every clinic has the ability to question their own data to improve the service to the patients attending the clinic. Analysis programmes have been included in the dashboard in each clinic, and provide basics analysis of clinic data. Further analysis has been undertaken in workshops organized by NACP, at approximately three year intervals.

The CTC reports (the third one in 2013) have provided insights into the delivery of CTC services across Tanzania, and the impact of CTC services on the clients using them.

Scope & Coverage**Scope**

The scope of CTC2 database include:

-Patient identification and address, transfer details and support

-Family information:

Name, Relation, Age, HIV status, HIV care, Unique CTC health facility file no.

-Patient's health status

CD4 count, WHO clinical stage, functional status, pregnancy, TB status

-Treatment and response to treatment, nutritional status

-Discussion topics for follow-up education and counselling :

Basic HIV / AIDS and prevention, Disclosure and identifying treatment supporter, Coping and planning the future,

Promoting Testing within household, Pregnancy, MTCT and family Planning, Adolescent issues, Disease progression and

role of ART, Prevention of diseases; environmental hygiene, hand washing, bed nets and nutrition, CTX and INH prophylaxis

Importance of adherence, how to remind, plan, what to do when travel, sick etc., How to use CTC1 for exemptions

Importance of HBC and PLHA support group, Self Care, Importance of appointments. Dates and time, planning transport,

Provide patient leaflets I brochures

Topics

	CD4 counts, Care giving, Drug resistance, Paediatric AIDS, Long-term care, Immune system, HIV-discordant couples, HAART, Combination therapy, Children of HIV-infected parents, Mother-to-child transmission, AZT, Art therapy, Adherence
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Countries

	United Republic of Tanzania
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Geographic Coverage

Tanzania

Universe

The CTC2 database covers diagnosed HIV patients in Tanzania of all ages who have registered for care and treatment at a national health facility providing this service under the national AIDS control Program.

The CTC database covers clinics with electronic data capture, which in 2012 covered around 848 clinics delivering CTC services.

Producers & Sponsors

Primary Investigator(s)	Bonita Kilama, National AIDS Control Program
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Sampling

Sampling Procedure

The CTC2 database aims to record information relating to each of the HIV patients registering for treatment and care, no sampling is involved. All data recorded on CTC 2 records is entered into the database.

Data Collection

Data Collection Mode	Face-to-face [f2f]
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Files Description

Dataset contains 18 file(s)

tblAppointments	
# Cases	0
# Variable(s)	6
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content	
<p>This file contains data related to the first and 23rd columns of data in the table on the front page of the Tanzania CTC 2 form. It also contains the patient identifier.</p> <p>The variable DateOfAppointmentString is the original variable created directly from the response on the form to column 23 of the CTC2 form front page. The variable DateOfAppointment is derived from DateOfAppointmentString and it does not have the time component, it just has date in the format ddmmyyyy.</p>	
Producer	
Tanzania National AIDS Control Programme	
Version	
v1.0, edited data	
These data were entered and edited at the Health facility level	

tblAIDSdefiningEvents	
# Cases	0
# Variable(s)	3
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content	
This dataset contains expanded descriptions of the WHO clinical stages of HIV/ AIDS for the cTc patients	
Producer	
National AIDS Control Program	
Version	
v1.0, edited data	
These data were entered and edited at the Health facility level	

tblARVAdherenceReasons	
# Cases	0
# Variable(s)	3
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content	
This file contains data related to the reasons for non-adherence to ARVs. These data are recorded via the first and 15th columns of data in the table on the front page of the Tanzania CTC 2 form. It also contains the patient identifier.	
Producer	

Tanzania National AIDS Control Program	
Version v1.0, edited data These data were entered and edited at the Health facility level	

tblARVReasons	
# Cases	0
# Variable(s)	3
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content This dataset contains reasons for starting, changing or stopping ARV.	
Producer National AIDS Control Program	
Version v1.0, edited data These data were entered and edited at the Health facility level	

tblDataCheckNotes	
# Cases	0
# Variable(s)	5
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)

tblEducation	
# Cases	0
# Variable(s)	4
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content This dataset relates to the education and counselling given to the patient and treatment supporter to explain the importance of adherence and regular visits to the health facility; provide information about prevention, treatment, positive living	
Producer National AIDS Control Program	
Version v1.0, edited data These data were entered and edited at the Health facility level	

tblOtherMedication	
# Cases	0
# Variable(s)	3
File Structure	Type: relational

	Key(s): PatientID (Unique CTC ID Number)
File Content	
This dataset relates to the medication other than ARV that is given to the CTC patients as part of the care to prevent opportunistic infections or MTCT and so on	
Producer	
National AIDS Control Program	
Version	
v1.0, edited data	
These data were entered and edited at the Health facility level	

tblPatientClassifications	
# Cases	0
# Variable(s)	3
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content	
This dataset specifies the funders supporting the CTC patients	
Producer	
National AIDS Control Program	
Version	
v1.0, edited data	
These data were entered and edited at the Health facility level	

tblPatients	
# Cases	0
# Variable(s)	20
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content	
This dataset contains demographic, geographical location and basic treatment and care details for the patient	
Producer	
National AIDS Control Program	
Version	
v1.0, edited data	
These data were entered and edited at the Health facility level	

tblProblems	
# Cases	0
# Variable(s)	3
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content	
This dataset has variables recording signs, symptoms and opportunistic infections	

Producer National AIDS Control Program	
Version v1.0, edited data These data were entered and edited at the Health facility level	

SecurityUsers	
# Cases	0
# Variable(s)	2

tblStartARTanotherClinic	
# Cases	0
# Variable(s)	9
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content This dataset contains variables recording details of a transfer in patient from another health facility mainly the state of the patient relating to care and treatment at the time of transfer	
Producer National AIDS Control Program	
Version v1.0, edited data These data were entered and edited at the Health facility level	

tblStatus	
# Cases	0
# Variable(s)	6
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
File Content This dataset records the status of the patient in terms of whether they are attending cTc, dead, lost to follow up and so on	
Producer National AIDS Control Program	
Version v1.0, edited data These data were entered and edited at the Health facility level	

tblFamilyInfo	
# Cases	0
# Variable(s)	6
File Structure	Type: relational

	Key(s): PatientID (Unique CTC ID Number) , RelativeID (Relative's Health facility CTC file number)
<u>File Content</u> This dataset provides links between a CTC patient and any relative also attending CTC. Through this table spouses for example can be linked	
<u>Producer</u> National AIDS Control Program	
<u>Version</u> v1.0, edited data These data were entered and edited at the Health facility level	

tblFamilyRelatives	
# Cases	0
# Variable(s)	4
File Structure	Type: relational Key(s): RelativeID (Relative identifier)
<u>File Content</u> This dataset contains variables relating to HIV status and age of a given patient's relative recorded in the family information table of the CTC2 form	
<u>Producer</u> National AIDS Control Program	
<u>Version</u> v1.0, edited data These data were entered and edited at the Health facility level	

tblReferralsTo	
# Cases	0
# Variable(s)	3
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
<u>File Content</u> This dataset relates to data on services to which CTC patients are referred including home based care, PMTCT, TB clinic, Family Planning services and so on	
<u>Producer</u> National AIDS Control Program	
<u>Version</u> v1.0, edited data These data were entered and edited at the Health facility level	

tblPregnancies	
# Cases	0
# Variable(s)	9
File Structure	Type: relational

	Key(s): PatientID (Unique CTC ID Number)
<u>File Content</u> This dataset has pregnancy related data for pregnant women attending CTC	
<u>Producer</u> National AIDS Control Program	
<u>Version</u> v1.0, edited data These data were entered and edited at the Health facility level	

tblVisits	
# Cases	0
# Variable(s)	24
File Structure	Type: relational Key(s): PatientID (Unique CTC ID Number)
<u>File Content</u> This dataset records various details for each CTC visit by a patient, it has data on Nutrition, TB screening, referrals, functional status, ArV and so on	
<u>Producer</u> National AIDS Control Program	
<u>Version</u> v1.0, edited data These data were entered and edited at the Health facility level	

Variables List

Dataset contains 116 variable(s)

File tblAppointments							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	DateOfAp..	Date of appointment	discrete	character-10	0	-	Next visit Date
3	DateAppo ..	Date when the appointment was made	discrete	character-10	0	-	Visit date
4	Cancelled	Whether appointment was cancelled	discrete	numeric-2.0	0	0	Whether appointment was cancelled
5	Notes	Notes	discrete	character-1	0	0	-
6	DateOfAp..	Date and time of appointment	discrete	character-18	0	0	Next Visit date

File tblAIDSdefiningEvents							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	CTC 2 Card No
2	VisitDate	Date of visiting CTC facility	continuous	numeric-13.0	0	0	Visit Date (dd/mm/yy)
3	EventCode	AIDS defining event code	discrete	numeric-3.0	0	0	WHO clinical stage Description - AIDS defining events

File tblARVAdherenceReasons							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	Date of visiting CTC facility	discrete	character-10	0	-	Visit Date
3	ARVAdher ..	Reason for ARV non-Adherence	discrete	numeric-2.0	0	0	ARV Adherence status (if poor give reasons)

File tblARVReasons							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	Date of visiting CTC facility	continuous	numeric-13.0	0	0	Visit Date
3	ARVReaso ..	Reason for ARV	discrete	numeric-3.0	0	0	ARV Reason (Code 9)

File tblDataCheckNotes							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	Date of the visit	discrete	character-11	0	-	Date of the visit
3	DataChec ..	Data check identifier	discrete	numeric-12.0	0	0	Data check identifier
4	Notes	Notes	discrete	character-244	0	-	Notes
5	VisitDat ..	Date and time for visit	discrete	character-1	0	0	Date and time for visit

File tblEducation							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	Date of visiting CTC facility	continuous	numeric-13.0	0	0	Visit Date
3	TopicID	Education Topic	discrete	character-4	0	0	Education Topic
4	Comments	Comments on the visit	discrete	character-1	0	-	Comments

File tblOtherMedication							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	Date of visiting CTC facility	continuous	numeric-13.0	0	0	Visit Date (dd/mm/yy)
3	Medication	Medication	discrete	character-50	0	0	OI RX Prophylaxis and other medicines (code 12)

File tblPatientClassifications							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID number
2	DateEnte ..	Date entered	discrete	character-11	0	-	-
3	Classifi ..	Classification	discrete	character-18	0	0	Classification

File tblPatients							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	FileRef	File Ref	discrete	character-6	0	0	File Reference number
3	DateOfBi ..	Date Of Birth	discrete	character-10	0	-	Date Of Birth
4	Sex	Sex	discrete	character-6	0	0	Sex
5	DateOfDe ..	Date Of Death	discrete	character-10	0	-	Date Of Death
6	DateFirs ..	Date First Positive HIV Test	discrete	character-10	0	-	Date of first positive HIV test
7	DateConf ..	Date Confirmed HIV Positive	discrete	character-10	0	-	Date Confirmed HIV+
8	PriorExp ..	Prior Exposure	discrete	character-26	0	0	Prior ARV exposure
9	MaritalS ..	Marital Status	discrete	character-2	0	0	Marital Status (see code 1)
10	DrugAlle ..	Drug Allergies	discrete	character-20	0	0	Drug Allergies
11	RegionCode	Region Code	discrete	numeric-2.0	0	0	Region Code
12	District ..	District Code	discrete	numeric-1.0	0	0	District
13	Division ..	Division Name	discrete	character-6	0	0	Division Name
14	WardName	Ward Name	discrete	character-12	0	0	Ward
15	VillageM ..	Village/Mtaa Name	discrete	character-25	0	0	Village
16	Referred ..	Referred From ID	discrete	character-13	0	0	Patient referred from
17	Communit ..	Community Support Org	discrete	character-15	0	0	Name of Community Support Organisation
18	TheHeight	The Height	continuous	numeric-3.0	0	0	Height

File tblPatients							
#	Name	Label	Type	Format	Valid	Invalid	Question
19	Transfer..	TransferIn ID	discrete	character-4	0	0	Transfer In
20	district..	districtunique	discrete	numeric-3.0	0	0	-

File tblProblems							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	Date of visiting CTC clinic	discrete	character-11	0	-	Visit Date
3	ProblemA..	Problems related to ARV use	discrete	character-6	0	0	Signs and symptoms and OIs (code 3)

File SecurityUsers							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	UserNumber	User Number	discrete	numeric-12.0	0	0	UserNumber
2	Fullname	Full name	discrete	character-16	0	0	Full name

File tblStartARTanotherClinic							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	DateStar..	Date start ART at another clinic	discrete	character-11	0	-	Date Start ART
3	Weight	weight	discrete	numeric-10.0	0	0	Patient's weight
4	CD4	CD4 count	discrete	numeric-10.0	0	0	CD4 count
5	WHOSTage	WHO stage	discrete	numeric-12.0	0	0	WHO stage
6	Function..	Functional status code	discrete	character-1	0	0	Functional status code
7	TLC	TLC	discrete	numeric-10.0	0	0	TLC
8	Eligibil..	Eligibility reason code	discrete	character-3	0	0	Eligibility reason code
9	CD4percent	CD4 percent	discrete	numeric-10.0	0	0	CD4 percent

File tblStatus							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	StatusDate	Status Date	discrete	character-11	0	-	Visit Date
3	Status	Status	discrete	character-29	0	0	Follow up Status (code16)
4	StatusRe..	Reason for Status	discrete	character-18	0	0	-
5	Notes	Notes	discrete	character-27	0	0	-
6	Transfer..	Transferred out where?	discrete	character-1	0	0	-

File tblFamilyInfo							
#	Name	Label	Type	Format	Valid	Invalid	Question

File tblFamilyInfo							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	TheID	The Identifier	discrete	numeric-1.0	0	0	The identifier for the relative of the patient
2	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
3	Relative ..	Relative type	discrete	character-4	0	0	Relation
4	Relative ..	Relative at this clinic	discrete	character-3	0	0	HIV Care Y/N
5	Relative ..	Relative's Unique CTC ID Number	discrete	character-1	0	0	Unique CTC ID No
6	RelativeID	Relative's Health facility CTC file number	discrete	character-1	0	0	Health Facility File No

File tblFamilyRelatives							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	RelativeID	Relative identifier	discrete	character-12	0	0	-
2	Relative ..	Relative age	discrete	numeric-12.0	0	0	-
3	Relative ..	Relative HIV status	discrete	character-1	0	0	-
4	Relative ..	Relative status	discrete	character-1	0	0	-

File tblReferralsTo							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	visit date	discrete	character-11	0	-	Visit Date
3	Referral ..	referral to code	discrete	numeric-12.0	0	0	Referred to (code 15 enter all that apply)

File tblPregnancies							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	DueDate	Due date	discrete	character-11	0	-	Pregnancy due date
3	DateOfBi ..	Date of birth	discrete	character-11	0	-	Date of birth
4	Pregnanc ..	Pregnancy outcome identifier	discrete	character-1	0	0	Pregnancy outcome
5	NumberLi ..	Number of live born	discrete	numeric-12.0	0	0	Number of babies born alive
6	Notes	Notes	discrete	character-20	0	0	-
7	ANCnumber	ANC number	discrete	character-8	0	0	-
8	BirthLoc ..	Birth location	discrete	character-14	0	0	-
9	LDProphy ..	ARV during labour & delivery	discrete	numeric-12.0	0	0	Which ARV were administered during labour and delivery

File tblVisits							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	PatientID	Unique CTC ID Number	discrete	character-17	0	0	Unique CTC ID Number
2	VisitDate	Date of the visit	discrete	character-11	0	-	Visit Date

File tblVisits							
#	Name	Label	Type	Format	Valid	Invalid	Question
3	Weight	Weight of the patient	discrete	numeric-10.0	0	0	Weight (Kilograms)
4	Notes	Notes	discrete	character-20	0	0	-
5	NowPregn..	Now pregnant	discrete	character-3	0	0	Pregnant Y/N (if Y, insert EDD & ANC # if N, Insert code 5)
6	FamilyPL..	Family planning identifier	discrete	character-1	0	0	Pregnant Y/N (if Y, insert EDD & ANC # if N, Insert code 5)
7	TBScreen..	TB Screening identifier	discrete	character-8	0	0	TB Screening and Dx (code 6)
8	TBRXIPTID	TB Treatment (Rx) IPT identifier	discrete	character-8	0	0	TB Rx/ IPT (Code 7)
9	ARVStatu..	ARV Status Code	discrete	numeric-12.0	0	0	ARV Status (code 8)
10	ARVCode	ARV code	discrete	numeric-12.0	0	0	-
11	Nutritio..	Nutritional Status Identifier	discrete	character-3	0	0	-
12	Nutritio..	Nutritional supplement identifier	discrete	character-3	0	0	-
13	Complica..	Complications	discrete	character-20	0	0	-
14	Relevant..	relevant Co- Medication	discrete	character-74	0	0	-
15	StaffID	Staff identifier	discrete	numeric-12.0	0	0	-
16	TheHeight	The height	discrete	numeric-10.0	0	0	Length/ height (in cm) (<15 yrs)
17	WHOSTage	WHO stage	discrete	numeric-12.0	0	0	WHO clinical stage (1 - 4)
18	Function..	Functional status code	discrete	character-1	0	0	Functional status (Code 4)
19	ARVAdher..	ARV adherence code	discrete	character-1	0	0	ARV Adherence status (Code 11)
20	NumDaysD..	Number of days dispensed	discrete	character-11	0	-	Number of days dispensed
21	VisitTyp..	Visit type code	discrete	character-2	0	0	-
22	Location..	Location facility code	discrete	character-10	0	0	-
23	UserNumber	User number	discrete	numeric-12.0	0	0	-
24	TheTimeS..	The time stamp	discrete	numeric-15.0	0	0	-

Variables Description

Dataset contains 116 variable(s)

File : tblAppointments	
# PatientID: Unique CTC ID Number	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC 2 form
Literal question	Unique CTC ID Number
# DateOfAppointment: Date of appointment	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Next visit Date
Recoding and Derivation	This variable was derived from the date of appointment variable (DateOfAppointment) in the CTC2 database. the derivation involved removing the time component from the date. This was done to make the date readable in the Nesstar Publisher software
# DateAppointmentGiven: Date when the appointment was made	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Visit date
# Cancelled: Whether appointment was cancelled	
Information	[Type= discrete] [Format=numeric] [Range= -1-0] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Literal question	Whether appointment was cancelled
# Notes: Notes	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
# DateOfAppointmentString: Date and time of appointment	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	This is the original "DateOfAppointment" variable in string format. It is converted from its date an time format to preserve it in Nesstar
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Next Visit date
Notes	This variable was converted to string format to preserve the time component of the variable. leaving it as a date leads to errors in Nesstar which is not capable of reading dates with a time component.

File : tblAIDSdefiningEvents

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	CTC 2 Card No

VisitDate: Date of visiting CTC facility

Information	[Type= continuous] [Format=numeric] [Range= 1529452800000-1723593600000] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Visit Date (dd/mm/yy)

EventCode: AIDS defining event code

Information	[Type= discrete] [Format=numeric] [Range= 411-571] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	This variable captures the AIDS defining events that sub divide each of the four WHO clinical Stages.
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form and Data entry screen
Literal question	WHO clinical stage Description - AIDS defining events

Value	Label	Cases	Percentage
411	Asymptomatic		
412	Persistent generalized lymphadenopathy (PGL)		
421	Moderate unexplained weight loss (<10% of presumed or measured body weight)		
422	Recurrent respiratory tract infections (RTIs, sinusitis, bronchitis, otitis media, pharyngitis)		
423	Herpes zoster (past or current episodes in last 2 years)		
424	Angular cheilitis		
425	Recurrent oral ulcerations (2 or more episodes in 6 months)		
426	Papular pruritic eruptions		
427	Seborrhoeic dermatitis		
428	Fungal nail infections of fingers		
431	Severe weight loss (>10% of presumed or measured body weight)		
432	Unexplained chronic diarrhoea for longer than one month		
433	Unexplained persistent fever (intermittent or constant for longer than one month)		
434	Oral candidiasis		
435	Oral hairy leukoplakia		
436	Pulmonary tuberculosis (TB) diagnosed in last two years		
437	Severe presumed bacterial infections (e.g. pneumonia, empyema, pyomyositis, bone or joint infection, meningitis, bacteraemia)		
438	Acute necrotizing ulcerative stomatitis, gingivitis or periodontitis		

File : tblAIDSdefiningEvents

EventCode: AIDS defining event code

Value	Label	Cases	Percentage
439	Unexplained anaemia (< 8 g/dl), and or neutropenia (<500/mm ³) and or thrombocytopenia (<50 000/ mm ³) for more than one month		
441	HIV wasting syndrome		
442	Pneumocystis pneumonia		
443	Recurrent severe or radiological bacterial pneumonia (2 or more episodes within one year)		
444	Chronic herpes simplex infection (orolabial, genital or anorectal of more than one month's duration)		
445	Oesophageal candidiasis		
446	Extrapulmonary tuberculosis		
447	Kaposi's sarcoma		
448	Central nervous system (CNS) toxoplasmosis		
449	HIV encephalopathy		
451	Cryptococcal meningitis or other extrapulmonary disease		
452	Disseminated non-tuberculous mycobacteria infection		
453	Progressive multifocal leukoencephalopathy (PML)		
454	Candida of trachea, bronchi or lungs		
455	Extrapulmonary Cryptosporidiosis		
456	Cryptosporidiosis (diahorea more than 1 month)		
457	Isosporiasis		
458	Cytomegalovirus (CMV) infection (retinitis or of an organ other than liver, spleen or lymph nodes)		
459	Any disseminated mycosis (e.g. histoplasmosis, coccidiomycosis, penicilliosis)		
460	Recurrent non-typhoidal salmonella septicaemia (2 or more episodes in one year)		
461	Lymphoma (cerebral or B cell non-Hodgkin)		
462	Invasive cervical carcinoma		
463	Visceral leishmaniasis		
464	Americal trypanosomiasis reactivation		
511	Asymptomatic		
512	Persistent generalised lymphadenopathy (PGL)		
513	Hepatosplenomegaly		
521	Recurrent or chronic upper respiratory tract infections (otitis media, otorrhoea, sinusitis) (2 or more episodes in any 6 month period)		
522	Papular pruritic eruptions		
523	Herpes zoster (past or current episodes in last 2 years)		
524	Recurrent oral ulcerations		
525	Lineal gingival erythema (LGE)		
526	Angular cheilitis		
527	Parotid enlargement		
528	Seborrhoeic dermatitis		
529	Extensive human papilloma virus infection or molluscum contagiosum		
530	Fungal nail infections		

File : tblAIDSdefiningEvents

EventCode: AIDS defining event code

Value	Label	Cases	Percentage
531	Moderate unexplained malnutrition not adequately responding to standard therapy		
532	Unexplained persistent diarrhoea (14 days or more)		
533	Unexplained persistent fever (intermittent or constant, for longer than one month)		
534	Oral candidiasis (outside neonatal period)		
535	Oral hairy leukoplakia		
536	Pulmonary tuberculosis		
537	Severe recurrent presumed bacterial pneumonia (2 or more episodes in 6 months)		
538	Acute necrotizing ulcerative gingivitis/periodontitis		
539	Lymphoid interstitial pneumonitis (LIP)		
540	Unexplained anaemia (<8g/dl), and or neutropenia (<1000/mm ³) and or thrombocytopenia (<50 000/ mm ³) for more than one month		
541	Chronic HIV-associated lung disease including bronchiectasis		
551	Unexplained severe wasting or severe malnutrition not adequately responding to standard therapy		
552	Pneumocystis pneumonia		
553	Recurrent severe presumed bacterial infections (e.g. empyema, pyomyositis, bone or joint infection, meningitis, but excluding pneumonia)		
554	Chronic herpes simplex infection; (orolabial or cutaneous of more than one month's duration)		
555	Extrapulmonary tuberculosis		
556	Kaposi's sarcoma		
557	Oesophageal candidiasis		
558	CNS toxoplasmosis (outside the neonatal period)		
559	HIV encephalopathy		
561	Cryptococcal meningitis or other extrapulmonary disease		
562	Disseminated non-tuberculous mycobacteria infection		
563	Progressive multifocal leukoencephalopathy (PML)		
564	Candida of trachea, bronchi or lungs		
565	Cryptosporidiosis		
566	CMV infection (CMV retinitis or infection of organs other than liver, spleen or lymph nodes; onset at age one month or more)		
567	Any disseminated endemic mycosis (e.g. extrapulmonary histoplasmosis, coccidiomycosis, penicilliosis)		
568	Isosporiasis		
569	Recurrent non-typhoidal salmonella septicaemia (2 or more episodes in one year)		
570	Acquired HIV related recto-vesico fistula		
571	Cerebral or B cell non-Hodgkin lymphoma		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : tblARVAdherenceReasons

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID Number

VisitDate: Date of visiting CTC facility

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Visit Date

ARVAdherenceReasonCode: Reason for ARV non-Adherence

Information	[Type= discrete] [Format=numeric] [Range= 1-13] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	This variable captures status of ARV adherence and reasons for poor ARV adherence
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form, front page column 15 of the table on this page.
Literal question	ARV Adherence status (if poor give reasons)

Value	Label	Cases	Percentage
1	Toxicity		
2	Share with others		
3	Forgot to take drugs		
4	Felt better		
5	Too ill		
6	Stigma		
7	Pharmacy drug stock out		
8	Patient lost / ran out of pills		
9	Delivery / travel problems		
10	Inability to pay		
11	Alcohol		
12	Depression		
13	Other (Specify)		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : tblARVReasons

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID Number

VisitDate: Date of visiting CTC facility

Information	[Type= continuous] [Format=numeric] [Range= 1529452800000-1725148800000] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Visit Date

ARVReasonCode: Reason for ARV

Information	[Type= discrete] [Format=numeric] [Range= 51-227] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Reasons for: 1 not starting ARV, 2 for starting ARV 3 Changes or stopping ARVs because of TB or adverse reactions 4 Changes or stopping aRVs because of Treatment fairlure 5 Changes or stopping because of other reasons
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	ARV Reason (Code 9)

Value	Label	Cases	Percentage
51	Patient does not fulfill criteria		
52	Patient fulfils criteria, but counseling for ARVs is ongoing		
53	Patient fulfils criteria, but no ARVs available		
54	Patient fulfils criteria, but is not willing to start		
55	Patient fulfils criteria, but is on TB treatment		
56	Patient fulfils criteria but does not start for other reason		
57	Patient fulfills criteria, but awaits lab results		
58	Fulfills criteria but has OI and is too sick to start		
99	Patient fulfils criteria but does not start for other reason		
101	Adult CD4 < 200		
102	Adult WHO Stage 4		
103	Adult WHO Stage 3, if CD4 < 350		
104	Child WHO Stage 3		
105	Child > 18 months, CD4% < 15%		
106	Infants < 18 months CD4% < 20%		
107	Pregnant women for PMCT (plus)		
108	Other reason to start		
110	Start TB treatment		

File : tblARVReasons

ARVReasonCode: Reason for ARV

Value	Label	Cases	Percentage
111	Nausea / vomiting		
112	Diarrhoea		
113	Headache		
114	Fever		
115	Skin rash		
116	Peripheral neuropathy		
117	Hepatitis		
118	Jaundice		
119	Dementia		
120	Anaemia		
121	Pancreatitis		
122	CNS adverse event		
123	Other adverse event, specify		
131	Treatment failure, clinical		
132	Treatment failure, immunological		
141	Poor adherence		
142	Patient decision		
143	Pregnancy		
144	End of PMTCT (plus)		
145	Transferred out, specify where		
146	Lost to follow-up		
147	Patient died		
148	Stock-out		
149	Other reason, specify		
151	Restart ARV after 3 or months not on ARV		
201	Child 12-59 Months CD4% < 20%		
202	Child < 12 Months		
203	Child ?= 5 Years CD4% < 15%		
211	Adult CD4 <= 350		
212	Adult WHO Stage 3 or 4		
213	Pregnant Woman		
214	Breastfeeding mother		
215	TB co-infected		
216	CSW Commercial Sex Worker (Key population patient)		
217	IDU Injecting drug user (Key population patient)		
218	MSM Men who have sex with men (Key population patient)		
219	Hepatitis B co-infected patient		
220	Hepatitis C co-infected patient		
221	Positive partner in sero-discordant couple		
222	Child < 24 Months confirmed HIV+		
223	Child 2-4 Years (24-59 Months) CD4<=750 or CD4% <= 25%		
224	Child WHO Stage 3 or 4		
225	Child >= 5 Years CD4 <= 350		

File : tblARVReasons

ARVReasonCode: Reason for ARV

Value	Label	Cases	Percentage
226	Child TB co-infected		
227	Child < 18 Months with severe HIV disease (presumptive HIV Diagnosis)		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : tblDataCheckNotes**# PatientID: Unique CTC ID Number**

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Literal question	Unique CTC ID Number

VisitDate: Date of the visit

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Literal question	Date of the visit

DataCheckID: Data check identifier

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Literal question	Data check identifier

Notes: Notes

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Literal question	Notes

VisitDateString: Date and time for visit

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Literal question	Date and time for visit

File : tblEducation

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID Number

VisitDate: Date of visiting CTC facility

Information	[Type= continuous] [Format=numeric] [Range= 1538956800000-1544486400000] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Visit Date

TopicID: Education Topic

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 data entry application
Literal question	Education Topic

Value	Label	Cases	Percentage
1	ADHE - Why complete adherence needed		
10	CHBT - Child's blood test		
11	CNTC - How to contact clinic		
12	COMS - Community support		
13	CONF - Shared confidentiality		
14	COPP - Coping and planning the future		
15	CRGV - Caregiver Booklet		
16	CTC1 - How to use CTC1 for exemptions		
17	CTCD - Care and treatment-team discussion		
18	CTXI - CTX, INH prophylaxis		
19	DEHY - Prevention of diseases; environmental HH hygiene, hand washing, bednets and nutrition		
2	ADHL - Adherence plan (schedule, aids, explain diary)		
20	DISC - Disclosure		
21	DISW - To whom disclosed (list)		
22	DOSE - Explain dose, when to take		
23	DOSM - Which doses, why missed		
24	DPAR - Disease progression and role of ART		
25	FAML - Family/living situation		
26	FRGT - What to do if one forgets dose		
27	FUAP - Follow-up appointments, care and treatment team		
28	HBCS - Home-based care - specify		
29	HBPL - Importance of HBC and PLHA support group		

File : tblEducation

TopicID: Education Topic

Value	Label	Cases	Percentage
3	ADHP - Adherence preparation, indicate visits		
30	LFBC - Provide patient leaflets/brochures		
31	PABC - Prevention: abstinence, safer sex, condoms		
32	PHSD - Prevention: household precautions, what is safe		
33	PMFP - Pregnancy, MTCT and family Planning		
34	POSL - Positive living		
35	PROG - Progression of disease		
36	PROP - CTX and INH prophylaxis		
37	PTCI - Post-test counselling: implications of results		
38	PTWH - Promoting Testing within household		
39	REPR - Reproductive choices, prevention MTCT		
4	ADHR - Importance of adherence, how to remind, plan, what to do when travel, sick etc. refer to checklist		
40	SDEF - What can occur, how to manage side effects		
41	SECR - Self Care		
42	SUPG - Support groups		
43	SYMP - Symptom management/palliative care at home		
44	TMTS - Disclosure and identifying treatment supporter		
45	TRAN - Basic HIV education, transmission		
46	TRAV - What to do when travelling		
47	TRTS - Treatment-supporter preparation		
48	TRTT - Available treatment/prophylaxis		
49	TSTP - Testing partners		
5	ADOL - Adolescent issues		
6	APPT - Importance of appointments, dates and time, planning transport		
7	ARTE - ART - educate on essentials (locally adapted)		
8	AVSG - ARV support group		
9	BASP - Basic HIV/AIDS and prevention		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Comments: Comments on the visit

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 data entry application
Literal question	Comments

File : tblOtherMedication

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID Number

VisitDate: Date of visiting CTC facility

Information	[Type= continuous] [Format=numeric] [Range= 1529452800000-1725148800000] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Literal question	Visit Date (dd/mm/yy)

Medication: Medication

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Medicines and treatments for opportunistic infections, prophylaxis and other co medications being used at the same time as the ARV drugs
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form column 16 on the front page of the form
Literal question	OI RX Prophylaxis and other medicines (code 12)

Value	Label	Cases	Percentage
1	Cotrimoxazole		
2	Flucanazole		
3	Nevirapine		
4	Antimalarial		
5	Otherantibiotic		
6	Other		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : tblPatientClassifications

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID number

DateEntered: Date entered

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Definition	Date on which the patient classification was entered without the time component
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 data entry application
Recoding and Derivation	this variable was derived by removing the time component from the original dateentered variable found in the database

Classification: Classification

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Classification of the source of funding for the care and treatment of this patient
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 entry application
Literal question	Classification

Value	Label	Cases	Percentage
1	Global Fund funded		
2	NACP funded		
3	PEPFAR funded		
4	Private Patient - Insurer/ Employer		
5	Private patient - paying		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : tblPatients			
# PatientID: Unique CTC ID Number			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	The unique identifier for an individual receiveing HIV care and treatment		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form		
Literal question	Unique CTC ID Number		
# FileRef: File Ref			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This is the file number for the patient's file containing the CTC2 and other documents at the health facility where the patient receives care and treatment		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC patient file at the health facility		
Literal question	File Reference number		
# DateOfBirth: Date Of Birth			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form		
Pre-question	see training manual on how to estimate date of birth when not known (dd/mm/yy)		
Literal question	Date Of Birth		
# Sex: Sex			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	Sex of patient receiving Care and treatment		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form		
Literal question	Sex		
Value	Label	Cases	Percentage
1	Male		
2	Female		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# DateOfDeath: Date Of Death			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Literal question	Date Of Death		
# DateFirstPositiveHIVTest: Date First Positive HIV Test			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		

File : tblPatients

DateFirstPositiveHIVTest: Date First Positive HIV Test

Definition	Date of first HIV positive test
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 data entry application
Literal question	Date of first positive HIV test

DateConfirmedHIVPositive: Date Confirmed HIV Positive

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Definition	Date when the HIV positive status was confirmed
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form front page
Literal question	Date Confirmed HIV+

PriorExposure: Prior Exposure

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Exposure to ARV prior to enrolling at the current health facility
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form front page
Pre-question	tick appropriate
Literal question	Prior ARV exposure

MaritalStatus: Marital Status

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form front page
Literal question	Marital Status (see code 1)

Value	Label	Cases	Percentage
1	CO - Cohabiting		
2	D - Divorced/ Separated		
3	M - Married		
4	S - Single		
5	W - Widowed		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

DrugAllergies: Drug Allergies

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Drug Allergies

File : tblPatients

RegionCode: Region Code

Information	[Type= discrete] [Format=numeric] [Range= 1-26] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The region in Tanzania where the patient is staying during care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Literal question	Region Code
Notes	The region code is worked out from the name of the region by referring to a list showing the national codes for each of the districts

Value	Label	Cases	Percentage
1	Dodoma		
2	Arusha		
3	Kilimanjaro		
4	Tanga		
5	Morogoro		
6	Coast		
7	Dar es Salaam		
8	Lindi		
9	Mtwara		
10	Ruvuma		
11	Iringa		
12	Mbeya		
13	Singida		
14	Tabora		
15	Rukwa		
16	Kigoma		
17	Shinyanga		
18	Kagera		
19	Mwanza		
20	Mara		
21	Manyara		
22	North Unguja		
23	South Unguja		
24	Urban West		
25	North Pemba		
26	South Pemba		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

DistrictCode: District Code

Information	[Type= discrete] [Format=numeric] [Range= 2-8] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	District within a region of Tanzania where the patient is living
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form front page
Literal question	District

File : tblPatients

DistrictCode: District Code

Notes	The district code is worked out from the name of the district by referring to a list showing the national codes for each of the districts
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DivisionName: Division Name

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=0 /-]

Literal question Division Name

WardName: Ward Name

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=0 /-]

Definition A sub division of a district in Tanzania

Universe All Patients registering for HIV care and treatment clinic in Tanzania

Source CTC2 form

Literal question Ward

VillageMtaa: Village/Mtaa Name

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=0 /-]

Universe All Patients registering for HIV care and treatment clinic in Tanzania

Source CTC2 form front page

Literal question Village

ReferredFromID: Referred From ID

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=0 /-] [Invalid=0 /-]

Universe All Patients registering for HIV care and treatment clinic in Tanzania

Source CTC2 form

Pre-question tick appropriate

Literal question Patient referred from

Notes Each of the underscores (_), for eg in TB_DOTS, in the values replaced forward slash (/) eg TB/ DOTS. The underscores are not accepted as part of values in Nesstar

Value	Label	Cases	Percentage
1	HBC - Home based care programme		
10	STI - Sexually transmitted infections clinic		
11	TB_DOTS - Tuberculosis Directly Observed Therapy (Short Course)		
12	VCT - Voluntary Counselling and Testing Centre		
2	IPD - In patient department of hospital		
3	OPD - Out-patient department of hospital		
4	OPD_IPD - Out-patient department / In patient department of hospital		
5	PLH - People living with HIV/AIDS group		
6	PMTCT - Prevention of mother to child transmission clinic		
7	PRC - Private Clinic		

File : tblPatients

ReferredFromID: Referred From ID

Value	Label	Cases	Percentage
8	RCH_PMTCT_EID - Reproductive and child health clinic / Prevention of mother to child transmission / Early infant diagnosis		
9	SR_VCT - Self referral		
OTH	Other		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CommunitySupportOrg: Community Support Org

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Community support organisation for patient support
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Name of Community Support Organisation

TheHeight: The Height

Information	[Type= continuous] [Format=numeric] [Range= 30-188] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Patient's height in centimeters
Universe	Adults 15 years and above
Source	CTC2 form from page (not column 4)
Literal question	Height

TransferInID: TransferIn ID

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	Patients transferring into a health facility from their previous one
Source	CTC2 form
Pre-question	Tick those appropriate
Literal question	Transfer In

Value	Label	Cases	Percentage
1	ARNR - On ART, no records		
2	ARRC - On ART, with records		
3	CRNR - In care, no records		
4	CRRC - In care, with records		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

districtunique: districtunique

Information	[Type= discrete] [Format=numeric] [Range= 11-262] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Unique code for each of the districts in Tanzania
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	derived from the region and district codes

File : tblPatients

districtunique: districtunique

Recoding and Derivation This variable was derived by combining (Concatenating) the region code and the district code variables. This was done to ensure that each district had a code that uniquely identifies it nationally

Notes The last digit represents the district. The other digits, the first to the penultimate represent the region. Districtcode only uniquely identifies a district within its region, to uniquely identify a district with the dataset, we combined region and district to get a unique code for each district

Value	Label	Cases	Percentage
11	Konoda		
12	Mpwapwa		
13	Dodoma Rural		
14	Dodoma Urban		
15	Kongwa		
21	Monduli		
22	Arumeru		
23	Arusha Urban		
24	Karatu		
25	Ngorongoro		
31	Rombo		
32	Moshi Rural		
33	Same		
34	Moshi Urban		
35	Hai		
36	Mwanga		
37	Siha		
41	Lushoto		
42	Korogwe		
43	Muheza		
44	Tanga		
45	Pangani		
46	Handeni		
47	Kilindi		
48	Mkinga		
51	Morogoro Urban		
52	Morogoro Rural		
53	Kilosa		
54	Ulanga		
55	Kilombero		
56	Mvomero		
61	Bagamoyo		
62	Kibaha		
63	Kisarawe		
64	Rufiji		
65	Mkuranga		
66	Mafia		
71	Kinondoni		
72	Ilala		

File : tblPatients

districtunique: districtunique

Value	Label	Cases	Percentage
73	Temeke		
81	Kilwa		
82	Lindi Urban		
83	Nachingwea		
84	Liwale		
85	Ruangwa		
86	Lindi Rural		
91	Mtwara Rural		
92	Newala		
93	Masasi		
94	Mtwara Urban		
95	Tandahimba		
96	Mtwara Rural		
97	Nanyumbu		
101	Tunduru		
102	Songea Rural		
103	Mbinga		
104	Songea Urban		
105	Namtumbo		
111	Iringa Urban		
112	Makete		
113	Njombe		
114	Ludewa		
115	Mufindi		
116	Iringa Rural		
117	Kilolo		
121	Chunya		
122	Mbeya Rural		
123	Kyela		
124	Rungwe		
125	Ileje		
126	Mbozi		
127	Mbeya Urban		
128	Mbarali		
131	Iramba		
132	Singida Rural		
133	Manyoni		
134	Singida Urban		
135	Kiomboi		
141	Nzega		
142	Igunga		
143	Sikonge		
144	Urambo		

File : tbIPatients

districtunique: districtunique

Value	Label	Cases	Percentage
145	Uyui		
146	Tabora Urban		
151	Mpanda		
152	Sumbawanga Rural		
153	Nkasi		
154	Sumbawanga Urban		
161	Kibondo		
162	Kasulu		
163	Kigoma Rural		
164	Kigoma Urban		
171	Bariadi		
172	Maswa		
173	Shinyanga Rural		
174	Kahama		
175	Shinyanga Urban		
176	Meatu		
177	Bukombe		
178	Kishapu		
181	Karagwe		
182	Bukoba Rural		
183	Muleba		
184	Biharamulo		
185	Ngara		
186	Bukoba Urban		
187	Chato		
188	Misenye		
191	Ukerewe		
192	Magu		
193	Nyamagana		
194	Kwimba		
195	Sengerema		
196	Geita		
197	Misungwi		
198	Ilemela		
201	Tarime		
202	Serengeti		
203	Musoma Urban		
204	Bunda		
205	Musoma Rural		
211	Babati		
212	Hanang		
213	Mbulu		
214	Simanjiro		

File : tblPatients

districtunique: districtunique

Value	Label	Cases	Percentage
215	Kiteto		
221	North Unguja A		
222	North Unguja B		
231	Unguja Central		
232	Unguja South		
241	Unguja West		
242	Unguja Urban		
251	Wete		
252	Micheweni		
261	Chakechake		
262	Mkoani		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : tblProblems

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID Number

VisitDate: Date of visiting CTC clinic

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Visit Date

ProblemAcronym: Problems related to ARV use

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Signs, symptoms and Opportunistic Infections
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form column 7 of the table on front page
Literal question	Signs and symptoms and OIs (code 3)

Value	Label	Cases	Percentage
1	AB - Abdominal Pain		
10	FAT - Fat changes		
11	F - Fatigue		
12	Fever (TB symptom)		
13	GUD - Genital Ulcer Disease		
14	H - Headache		
15	HM - Hemoptysis (TB symptom)		
16	IRIS - IMM. Reconst. Inflamm Syndrome		
17	I - Itching		
18	J - Jaundice		
19	M - Molluscum		
2	A - Anaemia		
20	N - Night sweats (TB symptom)		
21	Nausea		
22	PE - Parotid enlargement		
23	PID - Pelvic Inflammatory Disease		
24	Pneumonia		
25	PPE - Papular Pruritic Eruptions		
26	Rash		
27	Thrush - Oral/ Vaginal		
28	UD - Urethral Discharge		

File : tblProblems

ProblemAcronym: Problems related to ARV use

Value	Label	Cases	Percentage
29	Ulcers - Mouth or other		
3	BN - Burning, Numb, Tingling		
30	W - Weight loss (TB symptom)		
31	Zoster		
32	CM - Cryptococcal meningitis		
33	KS Kaposi sarcoma		
34	OC - Oesophageal candidiasis		
35	PCP - Pneumocystis Pneumonia		
4	CNS - Dizzy, anxiety, nightmare, depression		
5	Cough (TB symptom)		
6	DB - Difficult breathing		
7	DE - Dementia		
8	D - Diarrhoea		
9	ENC - HIV Encephalopathy		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : SecurityUsers

UserNumber: User Number

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Literal question	UserNumber

Fullname: Full name

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Literal question	Full name

File : tblStartARTanotherClinic

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID Number

DateStartARTatAnotherClinic: Date start ART at another clinic

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Definition	This is the date on which a patient strted ART at the clinic where they are transferring from
Universe	All patients transferring from another ART clinic with records
Source	Transfer record
Literal question	Date Start ART

Weight: weight

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Patient's weight as recorded on the transfer form
Universe	All patients transferring from another ART clinic with records
Source	Transfer record
Literal question	Patient's weight

CD4: CD4 count

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Patient's CD4 count as recorded on the transfer form
Universe	All patients transferring from another ART clinic with records
Source	Transfer record
Literal question	CD4 count

WHOStage: WHO stage

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	WHO clinical stage of HIV/ AIDS of the patient as recorded on the transfer form
Universe	All patients transferring from another ART clinic with records
Source	Transfer record
Literal question	WHO stage

FunctionalStatusCode: Functional status code

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Functional status of the patient as recorded on the transfer form

File : tblStartARTanotherClinic

FunctionalStatusCode: Functional status code

Universe	All patients transferring from another ART clinic with records
Source	Transfer record
Literal question	Functional status code

Value	Label	Cases	Percentage
1	Working		
2	Ambulatory		
3	Bedridden		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

TLC: TLC

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All patients transferring from another ART clinic with records
Literal question	TLC

EligibilityReasonCode: Eligibility reason code

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Reason for starting ART
Universe	All patients transferring from another ART clinic with records
Source	Transfer records
Literal question	Eligibility reason code

CD4percent: CD4 percent

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Patient's CD4 percentage as recorded on the transfer form
Universe	All patients transferring from another ART clinic with records
Source	Transfer records
Literal question	CD4 percent

File : tblStatus			
# PatientID: Unique CTC ID Number			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	The unique identifier for an individual receiveing HIV care and treatment		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form		
Literal question	Unique CTC ID Number		
# StatusDate: Status Date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form		
Literal question	Visit Date		
# Status: Status			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	Follow- up status of the CTC patient		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form column 25 of the table on the form's front page		
Literal question	Follow up Status (code16)		
Value	Label	Cases	Percentage
1	Attend - Attending this clinic		
2	Died- Died		
3	LostTF - Lost to Follow-up		
4	MissApp - Missing Appointments		
5	NotPos - Not HIV Positive		
6	OptOut - Opted Out		
7	TraOut - Transferred to another Clinic		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# StatusReason: Reason for Status			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# Notes: Notes			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 data entry application		
# TransferredOutWhere: Transferred out where?			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		

File : tblFamilyInfo	
# TheID: The Identifier	
Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Identifier for a relative, unique within a health facility
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Literal question	The identifier for the relative of the patient
# PatientID: Unique CTC ID Number	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Unique CTC ID Number
# RelativeType: Relative type	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Relationship between stated relative and the patient
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC form - Family information table column 3
Literal question	Relation
# RelativeAtThisClinic: Relative at this clinic	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Whether relative is attending CTC at the same Health facility as patient
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC form - Family information table column 6
Literal question	HIV Care Y/N
# RelativeCTCID: Relative's Unique CTC ID Number	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Specified relative's unique CTC ID Number
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form - family information column 7
Literal question	Unique CTC ID No
# RelativeID: Relative's Health facility CTC file number	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The file number for the specified relative of the patient
Universe	All Patients registering for HIV care and treatment clinic in Tanzania

File : tblFamilyInfo**# RelativeID: Relative's Health facility CTC file number****Source** CTC2 form - family information column 7**Literal question** Health Facility File No

File : tblFamilyRelatives

RelativeID: Relative identifier

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Identifier of the patient's relative, unique within a CTC facility
Universe	All relatives specified by a CTC patient in the Family Information table of the CTC2 form

RelativeAge: Relative age

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All relatives specified by a CTC patient in the Family Information table of the CTC2 form
Source	CTC2 form family information table - column 4

RelativeHIVStatus: Relative HIV status

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All relatives specified by a CTC patient in the Family Information table of the CTC2 form
Source	CTC2 form family information table - column 5

RelativeStatus: Relative status

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Specifies whether the relative under consideration is in HIV care, not in HIV care but alive or dead
Universe	All relatives specified by a CTC patient in the Family Information table of the CTC2 form

File : tblReferralsTo

PatientID: Unique CTC ID Number

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC 2 form
Literal question	Unique CTC ID Number

VisitDate: visit date

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form
Literal question	Visit Date

ReferralToCode: referral to code

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form column 22 of the table on the front page
Literal question	Referred to (code 15 enter all that apply)

Value	Label	Cases	Percentage
1	PMTCT		
2	HBC		
3	PLHA Support Group/Club		
4	Orphan and vulnerable children group		
5	Medical specialty		
6	Nutritional support		
7	Legal		
8	TB Clinic		
9	Family Planning Services		
10	Other (specify)		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : tblPregnancies			
# PatientID: Unique CTC ID Number			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	The unique identifier for an individual receiveing HIV care and treatment		
Universe	All female patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form		
Literal question	Unique CTC ID Number		
# DueDate: Due date			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Definition	Date on which the reported pregnancy is due		
Universe	All female CTC patients reporting pregnancy during CTC visits		
Source	ANC card, CTC clinician's notes		
Literal question	Pregnancy due date		
# DateOfBirth: Date of birth			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Definition	Date of birth of the infant(s) if the pregnancy ended in a live birth		
Universe	All female CTC patients reporting pregnancy during CTC visits		
Source	ANC card, exposed infant card, CTC clinician's notes		
Literal question	Date of birth		
# PregnancyOutcomeID: Pregnancy outcome identifier			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Universe	All female CTC patients reporting pregnancy during CTC visits		
Source	CTC clinician's notes, exposed infant card		
Literal question	Pregnancy outcome		
Value	Label	Cases	Percentage
1	L - live birth		
2	M - Miscarriage		
3	S - Still birth		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# NumberLiveBorn: Number of live born			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Universe	All female CTC patients reporting pregnancy during CTC visits		
Literal question	Number of babies born alive		
# Notes: Notes			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		

File : tblPregnancies**# ANCnumber: ANC number**

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier on the Antenatal Care card for the recorded pregnancy
Universe	All female CTC patients reporting pregnancy during CTC visits
Source	ANC card

BirthLocation: Birth location

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	Place of birth
Universe	All female CTC patients reporting pregnancy during CTC visits
Source	Exposed infant card, CTC clinician's notes

LDProphylaxisARVCode: ARV during labour & delivery

Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	ARVs administered during labour and delivery
Universe	All female CTC patients reporting pregnancy during CTC visits
Literal question	Which ARV were administered during labour and delivery

File : tblVisits	
# PatientID: Unique CTC ID Number	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	The unique identifier for an individual receiveing HIV care and treatment
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC 2 form
Literal question	Unique CTC ID Number
# VisitDate: Date of the visit	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-]
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form - first column of the table on the front page
Literal question	Visit Date
Notes	This variable is derived by removing the time component from the original variable with the same name. This is done in order to enable Nesstar publisher (the documentation software) to read it as a date
# Weight: Weight of the patient	
Information	[Type= discrete] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	CTC patient's weight at a given CTC facility visit
Universe	All Patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form - second column of the table on front page
Literal question	Weight (Kilograms)
# Notes: Notes	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
# NowPregnant: Now pregnant	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	This vriable is used to check whether the female CTC patient is pregnant or not
Universe	All female patients registering for HIV care and treatment clinic in Tanzania
Source	CTC2 form - 9 th column in the table on the front page
Literal question	Pregnant Y/N (if Y, insert EDD & ANC # if N, Insert code 5)
# FamilyPlanningID: Family planning identifier	
Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
Definition	This variable specifies the family planning method used by the female
Universe	All female patients registering for HIV care and treatment clinic in Tanzania who report that they are not pregnant
Source	CTC2 form - 9th column on the front page
Literal question	Pregnant Y/N (if Y, insert EDD & ANC # if N, Insert code 5)

File : tbIVisits			
# TBScreeningID: TB Screening identifier			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This variable captures TB screening results		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form - 10th column on the front page		
Literal question	TB Screening and Dx (code 6)		
Value	Label	Cases	Percentage
1	Sreen -ve - Answered NO to all 5 TB screening questions		
2	TB Susp - Answered Yes to 1 or more of TB Screening questions		
3	SS+ - Sputum Sample Positive		
4	SS - - Sputum Sample Negative		
5	CXR+ - Chest X- Ray suggestive of TB		
6	CXR- - X Ray NOT suggestive of TB		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# TBRXIPTID: TB Treatment (Rx) IPT identifier			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This variable records TB Treatment initiation and treatment progress among CTC patients with TB co-infection		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania testing positive for TB		
Source	CTC2 form column 11 in the table on the front page		
Literal question	TB Rx/ IPT (Code 7)		
# ARVStatusCode: ARV Status Code			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This variable captures ARV status on starting, continuing, changing, stopping treatment		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form 12 th column of the table on the front page		
Literal question	ARV Status (code 8)		
Value	Label	Cases	Percentage
1	No ARV		
2	Start ARV		
3	Continue		
4	Change		
5	Stop		
6	Restart		
7	PMTCT Prophylaxis		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ARVCode: ARV code			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		

File : tblVisits			
# NutritionalStatusID: Nutritional Status Identifier			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# NutritionalSupplementID: Nutritional supplement identifier			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# Complications: Complications			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# RelevantCoMedication: relevant Co- Medication			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# StaffID: Staff identifier			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# TheHeight: The height			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	The CTC patient's height		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form 4th column in the table on the front page		
Literal question	Length/ height (in cm) (<15 yrs)		
# WHOStage: WHO stage			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This is the WHO defined HIV/ AIDS progression stage		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form 5th column in the table on the front page		
Literal question	WHO clinical stage (1 - 4)		
Value	Label	Cases	Percentage
1	Clinical Stage 1		
2	Clinical Stage 2		
3	Clinical Stage 3		
4	Clinical Stage 4		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# FunctionalStatusCode: Functional status code			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This variable specifies the ability of the CTC patient to function		

File : tblVisits			
# FunctionalStatusCode: Functional status code			
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form 8th column in the table on the front page		
Literal question	Functional status (Code 4)		
Value	Label	Cases	Percentage
1	W - Working		
2	A - Ambulatory		
3	B - Bedridden		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# ARVAdherenceCode: ARV adherence code			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This variable records whether the CTC patient's ARV adherence is good or poor		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form - column 15 in the table on the front page		
Literal question	ARV Adherence status (Code 11)		
Post-question	If poor give reasons		
Value	Label	Cases	Percentage
1	G(Good) - Fewer than 2 missed days		
2	P(Poor) - 2 or more missed days		
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
# NumDaysDispensed: Number of days dispensed			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-]		
Definition	This variable records the number of days that the dispensed drugs will last		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania receiveing ARV or other drugs as part of their HIV/ AIDS care and treatment		
Literal question	Number of days dispensed		
# VisitTypeCode: Visit type code			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
Definition	This specifies the visit type in terms of whether it is scheduled, traced back after lost to follow up and so on		
Universe	All Patients registering for HIV care and treatment clinic in Tanzania		
Source	CTC2 form - column 2 in the table on the front page		
# LocationFacilityCode: Location facility code			
Information	[Type= discrete] [Format=character] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		
# UserNumber: User number			
Information	[Type= discrete] [Format=numeric] [Missing=*]		
Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]		

File : tblVisits**# TheTimeStamp: The time stamp**

Information	[Type= discrete] [Format=numeric] [Missing=*]
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Statistics [NW/ W]	[Valid=0 /-] [Invalid=0 /-]
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