**m-Electronic Dispensing Tool Data Dictionary** 6 September 2017

**Summary of EDT tables**

Table Description

*Base Tables - these tables form electronic patient records, medicine and regimen records*

PAM Stores all patient identifying data, including names, date of birth, status, regimen, etc.

STM Stores list of ARV medicines and their related attributes

*Transaction Tables - these tables store data that is created or modified during transactions such as patient management, dispensing, stocktaking or inventory management*

STH Stores dispensing transaction header attributes

STI Stores dispensing transaction details

CNT Transaction table when doing stocktaking

AUDIT Stores history of changes to different attributes pertaining to the patient, including status and regimen changes, etc.

*System Tables*

GLF Stores parameters used to guide program execution in the system

*Lookup Tables* *- these tables store data that is used in lookups or dropdown menus in the system*

luCD4 Provides a list of CD4 counts

luDosage Provides a list of dosages used during dispensing

luFacilities Defines the list of health facilities with their facility codes and types

luLanguage Stores the list of languages for printing of labels

luReasons List of possible reasons for change of regimen

luReferral Used to define the list of outreach or IMAI sites

luRegimen Stores the list of regimens and related attributes

luRegimenDetail Stores the mapping between regimens and medicines so that once a regimen is selected only the related medicines will appear

luRegion Provides the list of regions in Namibia

luStatus Defines the different patient statuses and their codes

luTown Defines the list of towns in Namibia

luTranslation Stores the list of dosage translations for the languages defined in luLanguages

luUsers Used to store EDT user account information

luVisit Defines the dispensing transaction type or type of visit by the patient

luWeight Provides a list of weight values

15 January 2014

Table: PAM **Columns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Type | Size | Description |
|  | PAMID (PK) | Int | 4 | Internal system primary key |
|  | PAMARTID | Nvarchar | 255 | Patient ART Id on the EDT system |
|  | PAMSTAID | Int | 4 | Patient status Id as defined in PAMSTAID |
|  | PAMLANID | Int | 4 | Patient’s language Id as defined in luLanguages |
|  | ARTCDC | Nvarchar | 50 | Patient’s CDC code |
|  | FirstName | Nvarchar | 255 | First Name of patient |
|  | LastName | Nvarchar | 255 | Last Name of patient |
|  | DOB | Datetime | 8 | Date of Birth |
|  | Gender | Nvarchar | 255 | Gender or sex |
|  | Pregnant | Int | 4 | Whether patient is pregnant or not if female |
|  | Address | Nvarchar | 255 | Physical address of patient |
|  | PAMluTOW | Int | 4 | Town Id as defined in luTown |
|  | Caregiver | Nvarchar | 255 | Name of caregiver |
|  | CaregiverAddress | Nvarchar | 255 | Address of caregiver |
|  | PAMluTOWCG | Int | 4 | Town Id for caregiver as defined in luTown |
|  | TherapyStart | Datetime | 8 | Date of therapy start |
|  | WeightStart | Int | 4 | Patient’s weight at therapy start |
|  | WeightCurrent | Int | 4 | Patient’s current weight |
|  | RegimenStart | Nvarchar | 250 | Starting regimen at therapy start |
|  | PAMREMID | Int | 4 | Current regimen for patient |
|  | OtherDisease | Nvarchar | 255 | Any other known diseases |
|  | SideEffects | Nvarchar | 255 | Observed side effects |
|  | Changes | Nvarchar | 255 | Comments including changes in regimen, status, etc |
|  | OtherDrugs | Nvarchar | 255 | Any other drugs patient is taking |
|  | DaysToNextApp | Int | 4 | Number of days given to next appointment |
|  | DateOfNextApp | Datetime | 8 | Date of next appointment or drug pickup |
|  | Status | Int | 4 | Patient status before change |
|  | StatusChange | Datetime | 8 | Date of last status change |
|  | BSAStart | Nvarchar | 255 | Unique number of patient in patient care booklet/EPMS |
|  | BSACurrent | Nvarchar | 255 | Adherence on last visit in text form |
|  | PAMluRefID | Int | 4 | Patient’s location: outreach, IMAI or main site code |
|  | PCDONE | Nvarchar | 1 | Whether pill count was done or not on last visit |
|  | DateofVisit | Datetime | 8 | Date of last visit |
|  | AdhScore | Decimal | 16 | Latest patient adherence score |
|  | InASC | Nvarchar | 1 | Is patient included in the Active Surveillance Cohort? |
|  | MobileNo | Nvarchar | 12 | Patient’s cellphone number |
|  | RegChangeType | Nvarchar | 2 | Type of regimen change i.e. switch or substitute |
|  | pamTransFC | Int | 4 | Facility code where patient transferred to/from |
|  | pamEDD | Datetime | 8 | Expected date of delivery of pregnant patient |
|  | pamMainFC | Int | 4 | Main facility code to which patient is attached |

Table: STM **Columns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Type | Size | Description |
|  | STMID (PK) | Int | 4 | Internal system primary key |
|  | OldARVDrugsID | Nvarchar | 20 | ARV Drug Id as defined by CMS |
|  | ARVDrugsID | Nvarchar | 20 | ARV Drug ID defined on the EDT |
|  | Description | Nvarchar | 100 | Medicine description |
|  | FullDescription | Nvarchar | 100 | Medicine full description |
|  | ABRDescription | Nvarchar | 100 | Medicine abbreviated description |
|  | isARV\_YN | Nvarchar | 1 | Whether medicine is ARV or not |
|  | ADH | Int | 4 | Whether adherence is relevant for medicine |
|  | DISPORD | Int | 4 | Order of medicine in dispensing dropdown menu |
|  | Discontinued | Int | 4 | Whether medicine is discontinued of not |
|  | PaedDOSID | Int | 4 | Dosage for paediatrics |
|  | AdultDOSID | Int | 4 | Dosage for adults |
|  | DABR | Nvarchar | 30 | Medicine abbreviation with strength (for regimen formulation) |
|  | SABR | Nvarchar | 30 | Medicine abbreviation without strength |
|  | StoreQTY | Int | 4 | Medicine quantity in storeroom |
|  | DispQTY | Int | 4 | Medicine quantity at dispensary |
|  | Unit | Nvarchar | 255 | Medicine unit of measure, e.g. tablet |
|  | PackSize | Int | 4 | Pack size – number of tablets per pack |
|  | StdQty | Int | 4 | Standard quantity to dispense |
|  | OnHand | Int | 4 | Medicine quantity (pills) on hand or stock on hand |
|  | StdDuration | Int | 4 | Standard duration for taking the medicine |
|  | Cost | Decimal | 16 | Estimated cost of medicine |
|  | STMDOSID | Int | 4 | Medicine dosage Id as defined in luDosage |
|  | Comment | Nvarchar | 255 | Comments |
|  | MinimumLevel | Int | 4 | Minimum quantity of medicine |
|  | MaximumLevel | Int | 4 | Maximum quantity of medicine |
|  | ReorderLevel | Int | 4 | Reorder quantity of medicine |
|  | AMC | Int | 4 | Average monthly consumption |
|  | SafetyStock | Int | 4 | Medicine quantity as safety stock |
|  | SupportedBy | Int | 4 | Reserved |
|  | Supported\_By1 | Int | 4 | Reserved |
|  | SupportedBy2 | Int | 4 | Reserved |
|  | SupportedBy3 | Int | 4 | Reserved |
|  | SupportedBy4 | Int | 4 | Reserved |

Table: STH **Columns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Type | Size | Description |
|  | STHID (PK) | Int | 4 | Internal system primary key |
|  | STHVISID | Int | 4 | Visit or pickup Id as defined in luVisit |
|  | DateofVisit | Datetime | 8 | Date of visit |
|  | STHPAMID | Nvarchar | 255 | Patient EDT ART Id to identify the patient |
|  | Comment | Nvarchar | 255 | Comments and observations |
|  | Indication | Nvarchar | 255 | EDT mobile session number if applicable |
|  | Update | Int | 4 | Transaction record is complete and accepted |
|  | DaysSPV | Int | 4 | Days since previous visit |
|  | DaysLate | Int | 4 | Days patient is late for pickup |
|  | PCDONE | Nvarchar | 1 | Whether pill count was done or not |
|  | LDateofNextApp | Datetime | 8 | Date of next appointment |
|  | AdhScore | Decimal | 16 | Aggregate adherence score of patient on this visit |
|  | sthREGID | Int | 4 | Regimen dispensed |

Table: STI **Columns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Type | Size | Description |
|  | STIID (PK) | Int | 4 | Internal system primary key |
|  | STISTH | Int | 4 | Id for dispensing header record as defined in STH |
|  | STISTM | Nvarchar | 50 | Id for medicine dispensed as defined in STM |
|  | STISTHDte | Datetime | 8 | Date of visit or medicine pickup |
|  | STISTHPAMID | Nvarchar | 50 | Patient EDT ART Id to identify the patient |
|  | Unit | Nvarchar | 255 | Medicine unit of measure, e.g. tablet |
|  | Qty | Int | 4 | Quantity dispensed |
|  | STITRADOSID | Int | 4 | Dosage Id as defined in luDosage |
|  | AdhScore | Int | 4 | Patient adherence score at line level for this medicine |
|  | PPC | Int | 4 | Previous pill count |
|  | PC | Int | 4 | Current pill count |
|  | QD | Int | 4 | Previous quantity dispensed |
|  | NPPD | Int | 4 | Previous number of pills per day |
|  | D | Int | 4 | Duration since last visit |
|  | CNPPD | Decimal | 16 | Current number of pills per day |
|  | PCDONE | Nvarchar | 1 | Whether pill count was done or not |
|  | PDUMP | Nvarchar | 1 | Whether pills were dumped or not |
|  | PPDUMP | Nvarchar | 1 | Whether pills were previously dumped or not |

Table: Audit **Columns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Type | Size | Description |
|  | EditRecordId (PK) | Int | 4 | Internal system primary key |
|  | EditDate | Datetime | 8 | Date record was modified in source table |
|  | RecordID | Int | 4 | Internal foreign key pointer to record modified |
|  | SourceTable | Nvarchar | 50 | Source table modified |
|  | SourceField | Nvarchar | 50 | Source column modified |
|  | BeforeValue | Int | 4 | Value before modification |
|  | AfterValue | Int | 4 | Value after modification |
|  | Other | Nvarchar | 50 | Other comments, including regimen change reasons |
|  | RegChangeType | Nvarchar | 2 | Type of regimen change i.e. switch or substitute |
|  | pamTransFC | Int | 4 | Facility code where patient transferred to/from |

Table: CNT **Columns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Type | Size | Description |
|  | CNTID (PK) | Int | 4 | Internal system primary key |
|  | Date | Datetime | 8 | Date stock take was done |
|  | StockCode | Nvarchar | 50 | Stock or ARV medicine Id |
|  | OldCount | Int | 4 | Previous count or quantity (pills) |
|  | NewCount | Int | 4 | Current count or quantity (becomes stock on hand) |
|  | CNTCost | Decimal | 16 | Estimated cost |
|  | StoreQTY | Int | 4 | Medicine quantity in storeroom |
|  | DispQTY | Int | 4 | Medicine quantity at dispensary |

Table: GLF **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | GLFID (PK) | Int | 4 |
|  | Description | Nvarchar | 50 |
|  | Value | Double | 8 |
|  | Validation | Nvarchar | 200 |
|  | Discontinued | Int | 4 |
|  | Updates | Memo | - |

Table: luCD4 **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | CDID (PK) | Int | 4 |
|  | CD4Count | Integer | 2 |
|  | Category | Nvarchar | 255 |

Table: LuDosage **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | DOSID (PK) | Int | 4 |
|  | Dose | Nvarchar | 255 |
|  | DoseDesc | Nvarchar | 255 |
|  | DailyQty | Decimal | 16 |
|  | Discontinued | Int | 4 |
|  | PDOSID | Int | 4 |

Table: LuFacilities **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | FAID (PK) | Int | 4 |
|  | Region | Nvarchar | 50 |
|  | Facility | Nvarchar | 50 |
|  | Status | Nvarchar | 50 |
|  | FacilityCode | Nvarchar | 50 |
|  | FaType | Nvarchar | 50 |
|  | Discontinued | Int | 4 |

Table: LuLanguage **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | LANID (PK) | Int | 4 |
|  | Language | Nvarchar | 50 |
|  | Discontinued | Int | 4 |

Table: LuReasons **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | REAID (PK) | Int | 4 |
|  | ReasonForChange | Nvarchar | 50 |
|  | Discontinued | Int | 4 |

Table: LuReferral **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | REFID (PK) | Int | 4 |
|  | ReferralSite | Nvarchar | 50 |
|  | Distance | Nvarchar | 10 |
|  | Contact | Nvarchar | 50 |
|  | Mobile | Nvarchar | 50 |
|  | ReNumber | Int | 4 |
|  | GPS | Nvarchar | 50 |
|  | Discontinued | Int | 4 |

Table: LuRegimen **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | REGID (PK) | Int | 4 |
|  | Description | Nvarchar | 50 |
|  | Line | Nvarchar | 2 |
|  | LinePaed | Nvarchar | 2 |
|  | Discontinued | Int | 4 |

Table: LuRegimenDetail **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | DETID (PK) | Int | 4 |
|  | DETREGID | Int | 4 |
|  | DETSTMID | Int | 4 |
|  | Comment | Nvarchar | 50 |
|  | Discontinued | Int | 4 |

Table: LuRegion **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | REGID (PK) | Int | 4 |
|  | Region | Nvarchar | 255 |
|  | Discontinued | Int | 4 |

Table: LuStatus **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | STAID (PK) | Int | 4 |
|  | Status | Nvarchar | 255 |
|  | Discontinued | Int | 4 |

Table: LuTown **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | TownID (PK) | Int | 4 |
|  | RegionID | Int | 4 |
|  | Town | Nvarchar | 255 |
|  | DialCode | Nvarchar | 255 |

Table: LuTranslation **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | TRAID (PK) | Int | 4 |
|  | TRALANID | Int | 4 |
|  | TRADOSID | Int | 4 |
|  | Translation | Nvarchar | 150 |

Table: LuUsers **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | EmployeeID (PK) | Int | 4 |
|  | LastName | Nvarchar | 20 |
|  | FirstName | Nvarchar | 25 |
|  | Group | Nvarchar | 30 |
|  | Email | Nvarchar | 50 |
|  | Discontinued | Int | 4 |
|  | Updates | Memo | - |
|  | Department | Int | 4 |

Table: LuVisit **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | VISID (PK) | Int | 4 |
|  | VisitType | Nvarchar | 255 |
|  | Discontinued | Int | 4 |

Table: luWeight **Columns**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Type | Size |
|  | WEID (PK) | Int | 4 |
|  | Weight | Double | 8 |
|  | Category | Nvarchar | 255 |

**Common Table Columns**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Type | Size | Description |
|  | US | Nvarchar | 255 | Created by |
|  | WS | Nvarchar | 255 | Workstation |
|  | TS | Datetime | 8 | Timestamp |
|  | USE | Nvarchar | 255 | Updated by |
|  | WSE | Nvarchar | 255 | Workstation |
|  | TSE | Datetime | 8 | Timestamp |

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