



# SESP-MozART

## Data Dictionary for FY24Q1

### Version 2.0



Version History

Date	Version	Description	Author(s)
April 8, 2024	2.0	Initial creation of document	Ryan Keating

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## Introduction

The data dictionary is a collection of data definitions used to describe the database. These definitions do not contain actual data; rather, they comprise standardized "bookkeeping" information about the data (metadata). This includes details on the types, names and structures of all data elements, as well as their interrelationships within the larger context of the database.

In addition, for each table, there is a data availability chart that shows the number of unique clients that had at least one documented instance of the column and/or value in question during the calendar year of 2023. In total for 2023, there were 1,874,747 unique patients that had at least one documented MozART record (across all tables). As such, each Data Availability table includes the absolute count of unique individuals, along with the percentage of total clients.

## Tables

### Clinical Consultations

Table: clinical\_consultation\_wfd

Table that contains clinical consultation information. Currently, this table only includes consultations dates. In order to see other data gathered during consultations, encounters must be linked to the observation table. In FY23Q2 this data will be in two tables: a clinical consultation table and a counseling table.

### Data definitions

Column_Name	Description	Format/ Data Type	Valid Values	Notes
id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int (11)		
encounter_uuid	A universal unique identifier assigned to a document in SESP, that is unique across all SESP installations, used to link information across tables.	char (38)		
consultation_date	The date the patient was seen by the clinician (i.e., consulta actual)	date	YYYY-MM-DD 2012-09-17	
scheduled_date	The date the next consultation is scheduled (i.e., proxima consulta)	date	YYYY-MM-DD 2012-09-17	
form_id	An identifier code assigned in SESP to a form / ficha.	Int (11)		
encounter_type	A code indicating the type of document.	int (11)		
patient_uuid	A unique identifier assigned to a patient by Open MRS system	char (38)		
created_date	The date the form was last	date		

	updated in SESP			
encounter_date	The date the clinical encounter occurred	date		
change_date	The date the form was last updated in SESP	date		
location_uuid	The location identifier indicating where the form was entered.	char (38)		
source_database	The name of the database file submitted by the implementing partner used to validate data integrity.			

### Data availability

Column Name	Form (form_id)	Valid Values (type_id)	Freq2023 (%)*
consultation_date	FICHE MESTRA - FICHE APSS E PP (164)	Date	1,539 (0%)
	FICHE MESTRA - FICHE CLINICA (163)	Date	1,698,009 (91%)
scheduled_date	FICHE MESTRA - FICHE APSS E PP (164)	Date	1,539 (0%)
	FICHE MESTRA - FICHE CLINICA (163)	Date	1,688,942 (90%)

\*Frequency refers to the number of patients (and percent of 1,874,747 total patients) that had at least one documented occurrence of a value in 2023.

Clinical Data (currently in observation table; to be included in Clinical Consultation Table in FY23Q2).

concept_name (concept_id)	Form (form_id)	Valid Values (value_concept_id)	Frequency 2023 (%)*
Diastolic blood pressure (5086)	FICHE MESTRA - FICHE CLINICA (163)	integer	880,084 (47%)
Systolic blood pressure (5085)	FICHE MESTRA - FICHE CLINICA (163)	Integer	888,581 (47%)
CURRENT WHO HIV STAGE (5356)	FICHE MESTRA - FICHE CLINICA (163)	WHO STAGE 1 ADULT (1204)	1,192,236 (64%)
		WHO STAGE 2 ADULT (1205)	337,035 (18%)
		WHO STAGE 3 ADULT (1206)	256,209 (14%)
		WHO STAGE 4 ADULT (1207)	38,766 (2%)
	FICHE MESTRA- FICHE RESUMO (165)	WHO STAGE 1 ADULT (1204)	182,422 (10%)
		WHO STAGE 2 ADULT (1205)	19,890 (1%)
		WHO STAGE 3 ADULT (1206)	12,667 (0%)
		WHO STAGE 4 ADULT (1207)	2,409 (0%)
Weight (kg) (5089)	FICHE MESTRA - FICHE CLINICA (163)	integer	1,676,493 (89%)
Height			TO BE ADDED FY24Q2
arm_circumference			TO BE ADDED FY24Q2
nutritional_grade			TO BE ADDED FY24Q2

\*Frequency refers to the number of patients (and percent of 1,874,747 total patients) that had at least one documented occurrence of a value in 2023.

Counseling Data (currently in observation table; to be included in Consuling Table in FY23Q2).

<b>concept_name (concept_id)</b>	<b>Form (form_id)</b>	<b>Valid Values (value_concept_id)</b>	<b>Frequency 2023 (%)*</b>
ADHERENCE EVALUATION (6223)	FICHE MESTRA - FICHE APSS E PP (164)	ARV ADHERENCE RISK (1749)	230,639 (11%)
		BAD (1385)	224,158 (11%)
		GOOD (1383)	1,403,363 (83%)
COUNSELED ON SIDE EFFECTS OF ART (23887)	FICHE MESTRA - FICHE APSS E PP (164)	No (1066)	728,016 (39%)
		Yes (1065)	1,264,199 (67%)
MEMBERSHIP PLAN (23716)	FICHE MESTRA - FICHE APSS E PP (164)	No (1066)	509,081 (27%)
		Yes (1065)	1,427,596 (76%)
PERCENTAGE OF ADHERENCE (165463)	FICHE MESTRA - FICHE APSS E PP (164)	Numeric	297,256 (16%)
TYPE OF COUNSELING VISIT (6315)	FICHE MESTRA - FICHE APSS E PP (164)	DROPPED FROM TREATMENT (1707)	55,352 (3%)
		LOW ADHERENCE (6311)	375,388 (20%)
		NORMAL (1115)	1,471,788 (79%)

\*Frequency refers to the number of patients (and percent of 1,874,747 total patients) that had at least one documented occurrence of a value in 2023.

## DSD

Table: dsd\_wfd

A table containing differentiated service delivery models a person might be enrolled in. DSD information is captured on the Ficha Clínica and Ficha de APSS. In SESP it is possible for the same DSD model to be entered on the same form more than once.

### Data definitions

Column_Name	Description	Format/ Data Type	Valid Values	Notes
id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int (11)		Not for analytic purposes
encounter_uuid	A universal unique identifier assigned to a document in SESP used to link information across tables.	char (38)	df9c55c0-bc09-4d5a-a50b-be2050e96776	This column is used to link to the FORM table.
dsd_id	An identifier indicating the DSD program the person is enrolled. This list contains non-DSD programs.	Int (11)	Type_id (see below)	Captured in the following forms/fichas: <ul style="list-style-type: none"><li>Ficha Clínica</li><li>Ficha de APSS</li></ul> It is possible for the same DSD model to be entered on the same form.
dsd_state_id	An identifier indicating the person's DSD enrollment status.	int (11)	Inicio (I) (1256) Continua (C) (1257) Fim (F) (1267)	
dsd_uuid	An identifier to keep the DSD entries unique in situations where a DSD model is entered twice on the same ficha to maintain database integrity.	char (38)		Not for analytic purposes.
form_id	An identifier code assigned in SESP to a form / ficha.	Int (11)		
encounter_type	A code indicating the type of document.	int (11)		
patient_uuid	A unique identifier assigned to a patient by Open MRS system	char (38)		
created_date	The date the form was last updated in SESP	date		
encounter_date	The date the clinical encounter occurred	date		
change_date	The date the form was last updated in SESP	date		
location_uuid	The location identifier indicating where the form was entered.	char (38)		
source_databases	The name of the database file submitted by the			

e	implementing partner used to validate data integrity.			
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### Data availability

Column Name	Form (form_id)	Valid Values (type_id)	Frequency 2023 (%)
dsd_id	FICHE MESTRA - FICHE APSS E PP (164)	QUARTERLY DISPENSATION (DT) (23730)	885,918 (47%)
		SEMESTER ARV PICKUP (23888)	260,923 (14%)
		SINGLE STOP SMI (165320)	210,090 (11%)
		SINGLE STOP ON TARV SERVICES (165318)	186,280 (10%)
		RAPID FLOW (FR) (23729)	84,994 (5%)
		SINGLE STOP SAAJ (165319)	51,566 (3%)
		COMMUNITY DISPENSE VIA PROVIDER (165178)	38,185 (2%)
		FAMILY APPROACH (23725)	30,368 (2%)
		MOBILE CLINICS (165265)	25,994 (1%)
		GAAC (23724)	20,468 (1%)
		SINGLE STOP IN TB SECTOR (165317)	18,837 (1%)
		DISPENSAS BIMENSAL (165340)	14,861 (1%)
		MOBILE BRIGADES (165264)	10,853 (1%)
		HIV ADVANCED DISEASE (165321)	8,864 (0%)
		HOURS EXTENSION (165316)	5,263 (0%)
		DECENTRALIZED ARV DISPENSATION (165315)	2,841 (0%)
		COMMUNITY DISPENSE VIA APE (165179)	1,521 (0%)
		ARV ANUAL DISPENSATION (165314)	1,205 (0%)
		ACCESSION CLUBS (CA) (23726)	846 (0%)
dsd_id	FICHE MESTRA - FICHE CLINICA (163)	QUARTERLY DISPENSATION (DT) (23730)	1,050,582 (56%)
		SEMESTER ARV PICKUP (23888)	331,637 (18%)
		SINGLE STOP SMI (165320)	230,748 (12%)
		SINGLE STOP ON TARV SERVICES (165318)	224,279 (12%)
		RAPID FLOW (FR) (23729)	121,299 (6%)
		SINGLE STOP SAAJ (165319)	56,226 (3%)
		MOBILE CLINICS (165265)	44,873 (2%)
		COMMUNITY DISPENSE VIA PROVIDER (165178)	39,801 (2%)
		FAMILY APPROACH (23725)	32,476 (2%)
		GAAC (23724)	22,870 (1%)



		SINGLE STOP IN TB SECTOR (165317)	22,675 (1%)
		DISPENSA BIMENSAL (165340)	19,924 (1%)
		HIV ADVANCED DISEASE (165321)	15,046 (1%)
		MOBILE BRIGADES (165264)	14,941 (1%)
		HOURS EXTENSION (165316)	9,435 (1%)
		DECENTRALIZED ARV DISPENSATION (165315)	5,286 (0%)
		ARV ANUAL DISPENSATION (165314)	2,604 (0%)
		COMMUNITY DISPENSE VIA APE (165179)	1,908 (0%)
		ACCESSION CLUBS (CA) (23726)	912 (0%)
dsd_state_id	FICHE MESTRA - FICHE APSS E PP (164)	CONTINUE (1257)	1,268,300 (68%)
		START (1256)	312,335 (17%)
		COMPLETED (1267)	34,240 (2%)
	FICHE MESTRA - FICHE CLINICA (163))	CONTINUE (1257)	1,448,619 (77%)
		START (1256)	420,980 (22%)
		COMPLETED (1267)	63,492 (3%)

## Key and Vulnerable Populations

Table: keypop\_vulnerable\_wfd

A table containing key population and vulnerable population information captured in the Ficha Clinica, Ficha de APSS, PreP forms. Key population captured in the Ficha Clinica, FFicha de APSS differ from the PreP forms. PreP forms currently aren't transferred into Mozart.

### Data definitions

Column_Name	Description	Format/ Data Type	Valid Values	Notes
Id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int (11)		Not for analytic purposes
encounter_uuid	A universal unique identifier assigned to a document in SESP used to link information across tables.	char (38)	df9c55c0-bc09-4d5a-a50b-be2050e96776	This column is used to link to the FORM table.
pop_type	An identifier indicating the category (i.e., key population or vulnerable population)	int (11)	type_id (see below)	
pop_id	An identifier indicating the type of key population or vulnerable population.	int (11)	type_id (see below)	
pop_other	A free text field capturing information entered when the pop_id is "other"	varchar (255)		
key_vulnerable_pop_uuid				Not for analytic purposes.
form_id	An identifier code assigned in SESP to a form / ficha.	Int (11)		
encounter_type	A code indicating the type of document.	int (11)		
patient_uuid	A unique identifier assigned to a patient by Open MRS system	char (38)		
created_date	The date the form was last updated in SESP	date		
encounter_date	The date the clinical encounter occurred	date		
change_date	The date the form was last updated in SESP	date		
location_uuid	The location identifier indicating where the form was entered.	char (38)		
source_database	The name of the database file submitted by the implementing partner used to validate data integrity.			

## Data availability

Column Name	Form (form_id)	Valid Values (type_id)	Frequency 2023 (%)
pop_id	FICHE MESTRA - FICHE APSS E PP (164)	SEX WORKER (1901)	32,213 (2%)
		ASSOCIATION OF PEOPLE WITH HIV (1977)	16,477 (1%)
		KEY POPULATION - OTHERS (23885)	9,182 (0%)
		MEN WHO HAVE SEX WITH MEN (1377)	8,919 (0%)
		SEASONAL WORKERS (23890)	3,596 (0%)
		IMPRISONMENT AND OTHER INCARCERATION (20426)	3,556 (0%)
		DRUG USE (20454)	1,837 (0%)
		MINER (1908)	1,429 (0%)
		YOUNG WOMAN BETWEEN 15-24 YEARS (23712)	944 (0%)
		ORPHAN (1174)	593 (0%)
		THE COUPLES RESULTS ARE DIFFERENT (1995)	588 (0%)
		DRIVER (1903)	197 (0%)
		MIGRANT WORKER (1904)	72 (0%)
		PERSON WITH DISABILITY (23713)	52 (0%)
		GIRL BETWEEN 10-14 YEARS (23711)	33 (0%)
	FICHE MESTRA - FICHE CLINICA (163)	ASSOCIATION OF PEOPLE WITH HIV (1977)	47,033 (3%)
		SEX WORKER (1901)	33,997 (2%)
		OTHER (5622)	24,188 (1%)
		MEN WHO HAVE SEX WITH MEN (1377)	8,948 (0%)
		YOUNG WOMAN BETWEEN 15-24 YEARS (23712)	4,619 (0%)
		IMPRISONMENT AND OTHER INCARCERATION (20426)	4,122 (0%)
		MIGRANT WORKER (1904)	3,697 (0%)
		DRUG USE (20454)	1,763 (0%)
		MINER (1908)	1,338 (0%)
		THE COUPLES RESULTS ARE DIFFERENT (1995)	1,242 (0%)
		ORPHAN (1174)	667 (0%)
		GIRL BETWEEN 10-14 YEARS (23711)	232 (0%)
		DRIVER (1903)	152 (0%)
		PERSON WITH DISABILITY (23713)	55 (0%)
pop_type	FICHE MESTRA - FICHE APSS E PP (164))	KEY POPULATION (23703)	54,583 (3%)
		VULNERABLE PEOPLE (23710)	23,406 (1%)
	FICHE MESTRA - FICHE CLINICA (163)	KEY POPULATION (23703)	71,918 (4%)
		VULNERABLE PEOPLE (23710)	57,571 (3%)

## Laboratory

Table: laboratory\_wfd

The laboratory table includes both lab orders and results from multiple data sources, including clinical (ficha resumo, ficha clinica), manually entered laboratory results (laboratorio general), and electronically submitted results via interoperability (FSR). As such, the result for one single laboratory test will likely be repeated multiple times for a given patient in MozART. Currently, the laboratory table mostly contains information on Viral Load testing and CD4 tests, however there are some data on rapid HIV testing (from newly enrolled patients via ficha resumo), HIV PCR tests (from a preliminary pilot), Cervical cancer screening (VIA), and a few TB results. In addition, there are also a diverse range of result types for a given test (e.g., Viral Load qualitative versus quantitative). As such, the user must take caution in cleaning, analyzing, and interpreting laboratory data.

In terms of data availability for 2023, the laboratory table contains:

- At least one viral load result for 1,290,290 patients,
- At least one HIV Rapid Test result for 217,090 patients,
- At least one CD4 result for 105,326 patients,
- At least one HIV PCR for 1,291 patients,
- At least one Cervical Cancer VIA test for 225 patients.

### Data definitions

Column_Name	Description	Format/ Data Type	Valid Values	Notes
id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int (11)		Not for analytic purposes
encounter_uuid	A universal unique identifier assigned to a document in SESP used to link information across tables.	char (38)	df9c55c0-bc09-4d5a-a50b-be2050e96776	This column is used to link to the FORM table.
lab_test_id	The identifier indicating the laboratory test that was ordered and result reported (i.e., viral load)	int (11)	type_id (see below)	Note that some of the ids
request	Indicates if the test was ordered	int (11)	23722 – indicates the test was ordered / pedido	If this column is populated, the results columns will be blank.
order_date	The date the test was ordered	datetime	YYYY-MM-DD HH:MM:SS 2012-09-17 00:00:00	

sample_collection_date	The date the specimen was collected	datetime	YYYY-MM-DD HH:MM:SS 2012-09-17 00:00:00	The date the specimen was collected is populated from:
result_report_date	The date the result was reported from the laboratory	datetime	YYYY-MM-DD HH:MM:SS 2012-09-17 00:00:00	
result_qualitative_id	The qualitative result value	int (11)	Type_id (see below)  Valid only for the following lab tests: <ul style="list-style-type: none"> <li>• Viral Load Qualitative (lab_test_id = 1305)</li> <li>• HIV Viral Load (lab_test_id = 856)</li> <li>• HIV PCR Test lab_test_id = 1030</li> <li>• HIV Rapid Test lab_test_id = 1040</li> </ul>	If the quantitative result for a viral load is “Less than <” (165331), the result_comment column will indicate the numeric value.  There are varying interpretations if viral load reported results with a value of with “< and a number” are considered detectable.
result_numeric	The quantitative or numeric result value	double	The numeric value for the following tests:	For the following tests: <ul style="list-style-type: none"> <li>• CD4 (count or percent)</li> <li>• Viral Load (copies/mL) if lab_test_id = 856</li> </ul> Viral load (856) with decimal values are assumed to be log values, though the system doesn’t collect viral load data in logs. Data quality issue.
result_units	The units for the result where applicable (i.e., copies/mL , count)	varchar (255)	The result units associated with the numeric value for the test	For the following tests: <ul style="list-style-type: none"> <li>• CD4 (count or percent)</li> <li>• Viral Load (copies/mL)</li> </ul>
result_comment	For viral load results only, the value if the result is reported as “<”	varchar (255)	Only completed if the lab test id is 1305 (VIRAL LOAD – QUAL) or 856 (HIV VIRAL LOAD)	For viral load results that are “below the cutoff but detected” these results have a < or > sign and value  For legacy data, the complete value (i.e., < 20 copies/mL) is stored in the result_qualitative_id column. Please refer to notes section for result_qualitative_id.

specimen_type_id	The specimen type	int (11)	NA	Not populated as of FY24Q1 release
lab_test_uuid	A unique identifier assigned to a location or installation of SESP that is unique across health facilities			Not for analytic purposes
form_id	An identifier code assigned in SESP to a form / ficha.	Int (11)		
encounter_type	A code indicating the type of document.	int (11)		
patient_uuid	A unique identifier assigned to a patient by Open MRS system	char (38)		
created_date	The date the form was last updated in SESP	date		
encounter_date	The date the clinical encounter occurred	date		
change_date	The date the form was last updated in SESP	date		
location_uuid	The location identifier indicating where the form was entered.	char (38)		
source_database	The name of the database file submitted by the implementing partner used to validate data integrity.			

## Data availability

column_name	Form (form_id)	Valid Values (type_id)	Freq2023 (%)*
lab_test_id	FICHE MESTRA- FICHE RESUMO (165)	HIV RAPID TEST (1040)	217,090 (12%)
		CD4 COUNT (1695)	12,222 (1%)
		CD4 COUNT (23896)	8,470 (0%)
		HIV VIRAL LOAD (856)	5,411 (0%)
		VIRAL LOAD - QUAL (1305)	4,775 (0%)
		HIV PCR TEST (1030)	1,291 (0%)
		CD4% (730)	439 (0%)
	FICHE MESTRA - FICHE CLINICA (163)	HIV VIRAL LOAD (856)	1,234,958 (66%)
		VIRAL LOAD - QUAL (1305)	453,498 (24%)
		CD4 COUNT (1695)	158,853 (8%)
		CD4% (730)	424 (0%)
	FSR (147)	VIRAL LOAD - QUAL (1305)	335,702 (18%)
		HIV VIRAL LOAD (856)	108,493 (6%)
		CD4 COUNT (1695)	2,277 (0%)
	LABORATORIO GERAL (106)	HIV VIRAL LOAD (856)	470,917 (25%)
		VIRAL LOAD - QUAL (1305)	301,628 (16%)
		CD4 COUNT (1695)	57,788 (3%)
		CD4 COUNT (5497)	10,629 (1%)
		CD4% (730)	2,346 (0%)
result_qualitative_id (HIV PCR TEST-1030)	FICHE MESTRA- FICHE RESUMO (165)	POSITIVE (703)	1,291 (0%)
result_qualitative_id (HIV RAPID TEST-1040)	FICHE MESTRA- FICHE RESUMO (165)	POSITIVE (703)	217,090 (12%)
result_qualitative_id (HIV VIRAL LOAD-856)	FICHE MESTRA - FICHE CLINICA (163)	UNDETECTABLE (23814)	8,763 (0%)
		LESS THAN (165331)	437 (0%)
		BEYOND DETECTABLE LIMIT (1306)	2 (0%)
		LESS THAN 20 COPIES/ML (23906)	2 (0%)
	LABORATORIO GERAL (106)	UNDETECTABLE (23814)	5,238 (0%)
		LESS THAN (165331)	1,075 (0%)
result_qualitative_id (VIRAL LOAD - QUAL-1305)	FICHE MESTRA- FICHE RESUMO (165)	UNDETECTABLE (23814)	4,068 (0%)
		LESS THAN (165331)	707 (0%)
	FICHE MESTRA - FICHE CLINICA (163)	UNDETECTABLE (23814)	379,910 (20%)
		LESS THAN (165331)	77,453 (4%)
		BEYOND DETECTABLE LIMIT (1306)	554 (0%)
		LESS THAN 20 COPIES/ML (23906)	8 (0%)

		LESS THAN 400 COPIES/ML (23908)	4 (0%)
		LESS THAN 839 COPIES/ML (23904)	2 (0%)
	FSR (147)	UNDETECTABLE (23814)	274,492 (15%)
		LESS THAN (165331)	67,870 (4%)
	LABORATORIO GERAL (106)	UNDETECTABLE (23814)	245,840 (13%)
		LESS THAN (165331)	59,081 (3%)
		LESS THAN 20 COPIES/ML (23906)	29 (0%)
		LESS THAN 839 COPIES/ML (23904)	3 (0%)
		LESS THAN 400 COPIES/ML (23908)	1 (0%)
order_date (CD4)	FICHE MESTRA - FICHE CLINICA (163)	Date	142,893 (8%)
	LABORATORIO GERAL (106)	Date	64,727 (3%)
order_date (OTHER)	LABORATORIO GERAL (106)	Date	1 (0%)
order_date (VL)	FICHE MESTRA - FICHE CLINICA (163)	Date	1,156,351 (62%)
	LABORATORIO GERAL (106)	Date	710,919 (38%)
result_report_date (CD4)	FICHE MESTRA- FICHE RESUMO (165)	Date	16,852 (1%)
	FICHE MESTRA - FICHE CLINICA (163)	Date	70,013 (4%)
	FSR (147)	Date	2,277 (0%)
	LABORATORIO GERAL (106)	Date	68,744 (4%)
result_report_date (OTHER)	FICHE MESTRA- FICHE RESUMO (165)	Date	218,377 (12%)
	FICHE MESTRA - FICHE CLINICA (163)	Date	229 (0%)
	LABORATORIO GERAL (106)	Date	1 (0%)
result_report_date (VL)	FICHE MESTRA- FICHE RESUMO (165)	Date	10,186 (1%)
	FICHE MESTRA - FICHE CLINICA (163)	Date	844,247 (45%)
	FSR (147)	Date	427,033 (23%)
	LABORATORIO GERAL (106)	Date	754,094 (40%)
sample_collection_date (CD4)	FSR (147)	Date	2,277 (0%)
	LABORATORIO GERAL (106)	Date	57,147 (3%)
sample_collection_date (OTHER)	LABORATORIO GERAL (106)	Date	1 (0%)
sample_collection_date (VL)	FSR (147)	Date	426,159 (23%)
	LABORATORIO GERAL (106)	Date	681,586 (36%)



## Medication

Table: medication\_wfd

A table containing HIV medications prescribed and dispensed for a patient in SESP. The columns are populated based on the form data source and will change overtime. In some cases, the encounter\_type will need to be used in conjunction with the form\_id to specify the source.

### Data definitions

Column_Name	Description	Format/ Data Type	Valid Values	Notes
id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int (11)		Not for analytic purposes
encounter_uuid	A universal unique identifier assigned to a document in SESP used to link information across tables.	char (38)	df9c55c0-bc09-4d5a-a50b-be2050e96776	This column is used to link to the other tables.
regimen_id	The medication that is prescribed.	int (11)	Type_id (see below)	Specifically ART Regimen.
formulation_id	For ARV regimens, the ARV medication and dosage that dispensed. This aligns with SIGLUS formulations.	int (11)	Type_id (see below)	This data might be incomplete when the FILA is entered manually and when captured in the Ficha Clínica as a free text field and should not be used for analysis as there are data quality issues.
quantity_prescribed	Quantity of pills dispensed for the medication	double (255)	Values- 15, 30, 45, 90, 120, 180	This is a free text field and should not be used for analysis as there are data quality issues.
dosage	The frequency at which the drug doses are given.  The dosage regimen is the frequency at which the drug doses are given. Examples include 2.5 mL twice a day, one tablet three times a day, one	Varchar (255)	FILA 1-0-1 0-0-1 1-0-0 2-0-2 3-0-3 0-0-3 1-0-2 1-0-1.5	This is a free text field and should not be used for analysis as there are data quality issues.

	injection every four weeks.			
medication_pickup_date	The date the medication was picked up or dispensed.	date	YYYYMMDD (check)	For Ficha Resumo (form_id = 165), this can refer to (1) date of ARV start, (2) start date of alternative line.  For Ficha Clinica (form_id = 163), this refers to the date the medication was prescribed  For FILA (form_id = 130) and (form_id = 166), this re
next_pickup_date	The next scheduled pick up date.	Datetime		FILA – should be populated Ficha Clínica– this will be blank Ficha Resumo – this will be blank
mode_dispensation_id	The mode of dispensation.	Int (11)	Type_id (see below)	Also .
med_sequence_id	The sequence of the medication.	int (11)	21150 – FIRST LINE 21148 – SECOND LINE 21149 – THIRD LINE 23741 – ALTERNATIVE 1ST LINE OF THE ART	
type_dispensation_id	Number of months/quarters provided for multi-month dispensation	int (11)	1098 - MONTHLY 23720 - QUARTERLY 23888 - SEMESTER	
alternative_line_id	Indication if there was a regimen change as documented during clinical consultations	int	Type_id (see below)	
reason_change_regimen_id	Reasons for the regimen change	int (11)	Type_id (see below)	
med_side_effects_id	Any medication side effects documented during clinical consultations	int (11)		Captured on Ficha Clínica(column 20) Efeitos Secundários (Não/Código/Grau)
adherence_id	Evaluation of patient's adherence on	int (11)		B - Boa <= 3 dias de atraso R - Risco 4 dias <= R<=6 dias atraso Má - 7/+ dias de atraso

				Captured on Ficha Clínica (column 20) Adesão so TARV
medication_uuid	A universal unique identifier assigned to observations in SESP.	char (38)	df9c55c0-bc09-4d5a-a50b-be2050e96776	Not for analytic purposes.
form_id	An identifier code assigned in SESP to a form / ficha.	Int (11)		
encounter_type	A code indicating the type of document.	int (11)		
patient_uuid	A unique identifier assigned to a patient by Open MRS system	char (38)		
created_date	The date the form was last updated in SESP	date		
encounter_date	The date the clinical encounter occurred	date		
change_date	The date the form was last updated in SESP	date		
location_uuid	The location identifier indicating where the form was entered.	char (38)		
source_database	The name of the database file submitted by the implementing partner used to validate data integrity.			

### Data Availability

column_name	form	value	Freq2023
adherence_id	FICHE MESTRA - FICHE CLINICA (163)	GOOD (1383)	1,545,055 (82%)
		ARV ADHERENCE RISK (1749)	200,764 (11%)
		BAD (1385)	197,931 (11%)
alternative_line_id	FICHE MESTRA - FICHE CLINICA (163)	NO (1066)	1,236,686 (66%)
		ALTERNATIVE 1st LINE OF THE ART (23741)	16,748 (1%)
		REGIMEN SWITCH (1371)	5,652 (0%)
formulation_id	FILA (130)	[TDF/3TC/DTG] Tenofovir 300mg/Lamivudina 300mg/Dolutegravir 50mg TLD90 (12)	1,411,715 (75%)
		[TDF/3TC/DTG] Tenofovir 300mg/Lamivudina	853,724 (46%)

		300mg/Dolutegravir 50mg TLD30 (11)	
		[TDF/3TC/DTG] Tenofovir 300mg/Lamivudina 300mg/Dolutegravir 50mg TLD180 (13)	84,429 (5%)
		[DTG] Dolutegravir 50mg (19)	53,362 (3%)
		[ABC/3TC] Abacavir 120mg/Lamivudina 60mg (20)	51,555 (3%)
		[DTG] Dolutegravir 10 mg 90 Comp (51)	33,222 (2%)
		[ABC/3TC] Abacavir 600mg/Lamivudina 300mg (18)	28,517 (2%)
		[DTG] Dolutegravir 10 mg 30 Comp (52)	17,224 (1%)
		[ATV/RTV] Atazanavir 300mg/Ritonavir 100mg (31)	11,080 (1%)
		[3TC/AZT] Lamivudina 150mg/ Zidovudina 300mg (22)	9,174 (0%)
		[ABC/3TC] Abacavir 120mg/Lamivudina 60mg 30 Comp (53)	8,802 (0%)
		[TDF/3TC] Tenofovir 300mg/Lamivudina 300mg (24)	6,071 (0%)
		[ABC/3TC] Abacavir 60 and Lamivudina 30mg (21)	2,189 (0%)
		[TDF/3TC/EFV] Tenofovir 300mg/Lamivudina 300mg/Efavirenze 400mg TLE30 (44)	1,355 (0%)
		[LPV/RTV] Lopinavir/Ritonavir -Aluvia 100mg/25mg (27)	275 (0%)
		[LPV/RTV] Lopinavir/Ritornavir 40mg/10mg Pellets/Granulos (29)	144 (0%)
		[TDF/3TC/EFV] Tenofovir 300mg/Lamivudina 300mg/Efavirenze 600mg (46)	87 (0%)
		[3TC/AZT] Lamivudina 30mg/ Zidovudina 60mg (23)	67 (0%)
		[LPV/RTV] Lopinavir/Ritonavir 400mg/100mg (26)	66 (0%)
		[LPV/RTV] Lopinavir/Ritonavir 200mg/50mg (28)	52 (0%)
		[LPV/RTV] Lopinavir/Ritonavir -Aluvia 200mg/50mg (17)	47 (0%)
		[LPV/RTV] Lopinavir/Ritonavir-Kaletra 80/20 mg/ml (30)	38 (0%)
		[ABC] Abacavir 300mg (37)	35 (0%)
		[TDF/3TC/EFV] Tenofovir 300mg/Lamivudina 300mg/Efavirenze 400mg TLE90 (43)	30 (0%)
		[3TC/AZT/NVP] Lamivudina 150mg/Zidovudina 300mg/Nevirapina 200mg (47)	30 (0%)
		[TDF] Tenofovir 300mg (42)	18 (0%)
		[3TC/AZT/NVP] Lamivudina 30mg/Zidovudina 60mg/Nevirapina 50mg (48)	14 (0%)
		[3TC/AZT/ABC] Lamivudina 150mg/Zidovudina 300mg/Abacavir 300mg (49)	13 (0%)
		[3TC] Lamivudine150mg (41)	9 (0%)
		[AZT] Zidovudine 300mg (36)	8 (0%)
		[ABC] Abacavir 60mg (38)	8 (0%)

		[RAL] Raltegravir 400mg (25)	7 (0%)
		[EFV] Efavirenz 600mg (39)	7 (0%)
		[NVP] Nevirapine 200mg (32)	6 (0%)
		[TDF/3TC/EFV] Tenofovir 300mg/Lamivudina 300mg/Efavirenze 400mg TLE180 (45)	6 (0%)
		[TDF/FTC] Tenofovir 300mg/Emtricitabina 200mg (50)	6 (0%)
		[EFV] Efavirenz 200mg (40)	4 (0%)
		[NVP] Nevirapina 50mg (33)	3 (0%)
		[AZT] Zidovudine 50mg/5ml (35)	1 (0%)
med_side_effects_id	FICHE MESTRA- FICHE RESUMO (165)	DIARRHEA (16)	10 (0%)
		PERIPHERAL NEUROPATHY (821)	2 (0%)
		PANCREATITIS (6293)	2 (0%)
		Nausea and Vomiting (14475)	2 (0%)
		CYTOPENIA (23748)	2 (0%)
		NEPHROTOXICITY (23749)	2 (0%)
		STEVENS-JOHNSON SYNDROME (23750)	2 (0%)
		HEPATITIS (29)	1 (0%)
		ABDOMINAL PAIN (151)	1 (0%)
		HEPATIC STEATOSIS WITH HYPERLACTATEMIA (23752)	1 (0%)
	FICHE MESTRA - FICHE CLINICA (163)	NEPHROTOXICITY (23749)	174 (0%)
		LIPODYSTROPHY (6298)	164 (0%)
		DYSLIPIDEMIA (23747)	144 (0%)
		PERIPHERAL NEUROPATHY (821)	119 (0%)
		HEPATIC STEATOSIS WITH HYPERLACTATEMIA (23752)	107 (0%)
		STEVENS-JOHNSON SYNDROME (23750)	105 (0%)
		ABDOMINAL PAIN (151)	94 (0%)
		PSYCHOLOGICAL CHANGES (6295)	56 (0%)
		Hyperglycaemia (14671)	46 (0%)
		Nausea and Vomiting (14475)	41 (0%)
		PANCREATITIS (6293)	38 (0%)
		CYTOPENIA (23748)	36 (0%)
		HYPERSENSITIVITY TO ABC/RAL (23751)	35 (0%)
		DIARRHEA (16)	32 (0%)
		GENERALIZED SKIN RASH (11428)	30 (0%)
		HEPATITIS (29)	18 (0%)
		LACTIC ACIDOSIS (6299)	15 (0%)
medication_pickup_date	FICHE MESTRA- FICHE RESUMO (165)	Date	252,174 (13%)

	FICHE MESTRA - FICHE CLINICA (163)	Date	1,679,766 (90%)
	FICHE MESTRA - RECEPCAO - LEVANTOU TARV (166)	Date	1,765,467 (94%)
	FILA (130)	Date	1,826,509 (97%)
next_pickup_date	FILA (130)	Date	1,826,509 (97%)
mode_dispensation_id	FICHE MESTRA - FICHE CLINICA (163)	COMMUNITY DISPENSE VIA PROVIDER (165178)	5 (0%)
		COMMUNITY DISPENSE VIA APE (165179)	2 (0%)
	FILA (130)	NORMAL EXPEDIENT SCHEDULE (165175)	1,064,406 (57%)
		COMMUNITY DISPENSE VIA PROVIDER (165178)	171,292 (9%)
		OUT OF TIME (165176)	26,438 (1%)
		DAILY MOBILE CLINICS (165182)	20,846 (1%)
		DAILY MOBILE BRIGADES (165180)	18,799 (1%)
		FARMAC/PRIVATE PHARMACY (165177)	14,384 (1%)
		COMMUNITY DISPENSE VIA APE (165179)	1,986 (0%)
		NIGHT MOBILE BRIGADES (HOTSPOTS) (165181)	1,466 (0%)
		NIGHT MOBILE CLINICS (HOTSPOTS) (165183)	458 (0%)
regimen_id	FICHE MESTRA- FICHE RESUMO (165)	TDF+3TC+DTG (23784)	238,635 (13%)
		TDF+3TC+EFV (6324)	13,739 (1%)
		ABC+3TC+DTG (23786)	8,065 (0%)
		AZT+3TC+NVP (1651)	2,113 (0%)
		ABC+3TC+LPV/r (6106)	486 (0%)
		TDF+3TC+ATV/r+RAL (23796)	322 (0%)
		AZT+3TC+DTG (23815)	234 (0%)
		AZT+3TC+EFV (1703)	162 (0%)
		TDF+3TC+DTG (23799)	160 (0%)
		TDF+3TC+NVP (6243)	135 (0%)
		TDF+3TC+ATV/r (23791)	126 (0%)
		ABC+3TC+NVP (6105)	119 (0%)
		AZT+3TC+LPV/r (6100)	111 (0%)
		AZT+3TC+ATV/r (23793)	99 (0%)
		ABC+3TC+EFV (6104)	69 (0%)
		TDF+3TC+LPV/r (6424)	65 (0%)
		OTHER (5424)	38 (0%)
		ABC+3TC+ATV/r (23792)	32 (0%)
		ABC+3TC+DTG (23800)	22 (0%)
		ABC+3TC+LPV/r (1311)	12 (0%)
		AZT+3TC+ABC (6116)	12 (0%)

	FICHE MESTRA - FICHE CLINICA (163)	TDF+3TC+DTG (23784)	1,638,389 (87%)
		ABC+3TC+DTG (23786)	85,407 (5%)
		ABC+3TC+EFV (6104)	10,767 (1%)
		TDF+3TC+ATV/r (23791)	5,117 (0%)
		AZT+3TC+DTG (23815)	4,867 (0%)
		AZT+3TC+ATV/r (23793)	4,118 (0%)
		OTHER (5424)	4,027 (0%)
		TDF+3TC+NVP (6243)	1,109 (0%)
		ABC+3TC+ATV/r (23792)	1,063 (0%)
		AZT+3TC+ABC (6116)	1,007 (0%)
		ABC+3TC+LPV/r (6106)	671 (0%)
		TDF+3TC+EFV (6324)	394 (0%)
		3TC+RAL+DRV/r (23798)	205 (0%)
		TDF+3TC+LPV/r (6424)	170 (0%)
		AZT+3TC+LPV/r (6100)	130 (0%)
		TDF+3TC+ATV/r+RAL (23796)	117 (0%)
		ABC+3TC+NVP (6105)	99 (0%)
		AZT+3TC+NVP (1651)	71 (0%)
		TDF+3TC+LPV/r+RTV (23790)	66 (0%)
		ABC+3TC+ATV/r+RAL (23795)	50 (0%)
		AZT+3TC+EFV (1703)	40 (0%)
		AZT+3TC+DRV/r (23802)	31 (0%)
		TDF+AZT+3TC+LPV/r (6107)	22 (0%)
		TDF+3TC+RAL+DRV/r (6329)	21 (0%)
		ABC+AZT+LPV/r (23787)	12 (0%)
	FILA (130)	TDF+3TC+DTG (23784)	1,737,776 (93%)
		ABC+3TC+DTG (23786)	70,908 (4%)
		TDF+3TC+DTG (23799)	21,480 (1%)
		TDF+3TC+ATV/r (23791)	6,053 (0%)
		OTHER (5424)	5,519 (0%)
		AZT+3TC+DTG (23815)	5,225 (0%)
		AZT+3TC+ATV/r (23793)	4,384 (0%)
		ABC+3TC+ATV/r (23792)	1,206 (0%)
		ABC+3TC+DTG (23800)	706 (0%)
		ABC+3TC+LPV/r (6106)	691 (0%)
		TDF+3TC+DTG (23785)	546 (0%)
		ABC+3TC+LPV/r (1311)	286 (0%)

		TDF+3TC+EFV (6324)	284 (0%)
		ABC+3TC+NVP (6105)	143 (0%)
		AZT+3TC+LPV/r (6100)	142 (0%)
		ABC+3TC+EFV (6104)	77 (0%)
		AZT+3TC+ABC (817)	73 (0%)
		AZT+3TC+NVP (1651)	72 (0%)
		TDF+3TC+NVP (6243)	69 (0%)
		AZT+3TC+ABC (6116)	53 (0%)
		ABC+3TC+NVP (1312)	52 (0%)
		TDF+3TC+LPV/r (6108)	35 (0%)
		TDF+3TC+LPV/r (6424)	33 (0%)
		AZT+3TC+RAL (23801)	33 (0%)
		AZT+3TC+LPV/r (1314)	25 (0%)
		AZT+3TC+EFV (1703)	19 (0%)
		TDF+3TC+RAL+DRV/r (6329)	12 (0%)
		TDF+3TC+ATV/r+RAL (23796)	11 (0%)
type_dispensation_id	FICHE MESTRA - FICHE CLINICA (163)	QUARTERLY (23720)	1,186,918 (63%)
		MONTHLY (1098)	753,918 (40%)
		SEMESTER (23888)	335,363 (18%)



## Observation Data

Table name: observation\_wfd

A table containing data not captured in other tables, such as pregnancy and breastfeeding. A significant majority of these The OBSERVATION\_LOOKUP table provides the descriptions for every observation id, which is called a concept id in Open MRS SESP. To minimize the transformation from Open MRS SESP to Mozart, Open MRS SESP names and data structures were maintained.

### Data Definitions

Column_Name	Description	Format/ Data Type	Valid Values	Notes
id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int (11)		Not for analytic purposes
encounter_uuid	A universal unique identifier assigned to a document in SESP used to link information across tables.	char (38)	df9c55c0-bc09-4d5a-a50b-be2050e96776	This column is used to link to the other tables.
concept_id	A unique identifier assigned in SESP, to identify the data.	Int (11)	Type_id (see below)	The observation lookup table provides a list of all concept ids, descriptions and valid values.
observation_date	The date the observation occurred when there is an observation id, with an observation value concept id, that has a date associated with the response	Date	For example, if the observation id is 1256 – ARV Plan and the observation value concept id is 1256 – Start Drugs, this field stores the date the drugs were started	
value_numeric	The value for the concept id when numeric.	Numeric	Example, if the concept id is 5089 (Peso/ Weight), the patient's weight in kilograms would be populated in this field.	If this field is populated, value_concept_id, value_concept_text, value_concept_datetime should be blank.
value_concept_id	The value for the concept id when there are multiple options.	Int	Example, if the concept id is 1982 – Gestante / Pregnancy Status or Pregnant (if box is checked value is yes), the concept id stored is 1065 to indicate sim/yes	If this field is populated, value_concept_numeric, value_concept_text, value_concept_datetime should be blank.
value_text	The value for the concept id		Example, (?)	If this field is populated,

	when the response is text.			value_concept_id, value_concept_numeric, value_concept_datetime should be blank.
value_datetime	The value for the concept id when the response is date.		Example, if the concept id is 1465 – Data de última Menstruação/ Date of last menstrual period, the date would be in this field.	If this field is populated, value_concept_id, value_concept_numeric, value_concept_text should be blank.
obs_uuid	A universal unique identifier assigned to observations in SESP.	char (38)	df9c55c0-bc09-4d5a-a50b-be2050e96776	Not for analytic purposes.
form_id	An identifier code assigned in SESP to a form / ficha.	Int (11)		
encounter_type	A code indicating the type of document.	int (11)		
patient_uuid	A unique identifier assigned to a patient by Open MRS system	char (38)		
created_date	The date the form was last updated in SESP	date		
encounter_date	The date the clinical encounter occurred	date		
change_date	The date the form was last updated in SESP	date		
location_uuid	The location identifier indicating where the form was entered.	char (38)		
source_database	The name of the database file submitted by the implementing partner used to validate data integrity.			

## Data Availability

concept_name (concept_id)	Form (form_id)	Valid Values (value_concept_id)	Frequency 2023	%
<b>ADHERENCE EVALUATION (6223)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	ARV ADHERENCE RISK (1749)	202,550	10.8%
		BAD (1385)	199,065	10.6%
		GOOD (1383)	1,548,434	82.6%
	<b>FICHE MESTRA - FICHE APSS E PP (164)</b>	ARV ADHERENCE RISK (1749)	230,639	12.3%
		BAD (1385)	224,158	12%
		GOOD (1383)	1,403,363	74.9%
<b>ART START HEALTH FACILITY (23811)</b>	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	Date	228,227	12.2%
<b>COUNSELED ON SIDE EFFECTS OF ART (23887)</b>	<b>FICHE MESTRA - FICHE APSS E PP (164)</b>	No (1066)	728,016	38.8%
		Yes (1065)	1,264,199	67.4%
<b>CURRENT WHO HIV STAGE (5356)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	WHO STAGE 1 ADULT (1204)	1,192,236	63.6%
		WHO STAGE 2 ADULT (1205)	337,035	18%
		WHO STAGE 3 ADULT (1206)	256,209	13.7%
		WHO STAGE 4 ADULT (1207)	38,766	2.1%
	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	WHO STAGE 1 ADULT (1204)	182,422	9.7%
		WHO STAGE 2 ADULT (1205)	19,890	1.1%
		WHO STAGE 3 ADULT (1206)	12,667	0.7%
		WHO STAGE 4 ADULT (1207)	2,409	0.1%
<b>DATE OF LAST MENSTRATION (1465)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	Date	26,367	1.4%
<b>DISPENSING MODE (165174)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	ACCESSION CLUBS (CA) (23726)	932	0%
		ARV ANUAL DISPENSATION (165314)	2,657	0.1%
		BIMONTHLY DISPENSATION (165340)	20,816	1.1%
		COMMUNITY DISPENSE VIA APE (165179)	1,962	0.1%
		COMMUNITY DISPENSE VIA PROVIDER (165178)	41,642	2.2%
		DESCENTRALIZED ARV DISPENSATION (165315)	5,445	0.3%
		FAMILY APPROACH (23725)	33,088	1.8%
		Gaac (GA) (23724)	23,035	1.2%
		HIV ADVANCED DISEASE (165321)	15,249	0.8%
		HOURS EXTENSION (165316)	11,032	0.6%
		MOBILE BRIGADES (165264)	15,419	0.8%
		MOBILE CLINICS (165265)	47,140	2.5%

		QUARTERLY DISPENSATION (DT) (23730)	1,058,883	56.5%
		RAPID FLOW (FR) (23729)	122,753	6.5%
		SEMESTER ARV PICKUP (23888)	334,590	17.8%
		SINGLE STOP IN TB SECTOR (165317)	22,955	1.2%
		SINGLE STOP ON TARV SERVICES (165318)	227,116	12.1%
		SINGLE STOP SAAJ (165319)	56,973	3%
		SINGLE STOP SMI (165320)	231,645	12.4%
	<b>FICHE MESTRA - FICHE APSS E PP (164)</b>	ACCESSION CLUBS (CA) (23726)	885	0%
		ARV ANUAL DISPENSATION (165314)	1,263	0.1%
		BIMONTHLY DISPENSATION (165340)	15,732	0.8%
		COMMUNITY DISPENSE VIA APE (165179)	1,660	0.1%
		COMMUNITY DISPENSE VIA PROVIDER (165178)	46,042	2.5%
		DESCENTRALIZED ARV DISPENSATION (165315)	3,172	0.2%
		FAMILY APPROACH (23725)	32,036	1.7%
		Gaac (GA) (23724)	21,309	1.1%
		HIV ADVANCED DISEASE (165321)	9,126	0.5%
		HOURS EXTENSION (165316)	7,090	0.4%
		MOBILE BRIGADES (165264)	12,501	0.7%
		MOBILE CLINICS (165265)	30,492	1.6%
		QUARTERLY DISPENSATION (DT) (23730)	923,016	49.2%
		RAPID FLOW (FR) (23729)	90,275	4.8%
		SEMESTER ARV PICKUP (23888)	280,316	15%
		SINGLE STOP IN TB SECTOR (165317)	19,702	1.1%
		SINGLE STOP ON TARV SERVICES (165318)	192,398	10.3%
		SINGLE STOP SAAJ (165319)	54,061	2.9%
		SINGLE STOP SMI (165320)	213,754	11.4%
	<b>FILA (130)</b>	COMMUNITY DISPENSE VIA APE (165179)	1,983	0.1%
		COMMUNITY DISPENSE VIA PROVIDER (165178)	170,944	9.1%
		DAILY MOBILE BRIGADES (165180)	18,799	1%
		DAILY MOBILE CLINICS (165182)	20,846	1.1%
		FARMAC/PRIVATE PHARMACY (165177)	14,384	0.8%
		NIGHT MOBILE BRIGADES (HOTSPOTS) (165181)	1,466	0.1%
		NIGHT MOBILE CLINICS (HOTSPOTS) (165183)	458	0%
		NORMAL EXPEDIENT SCHEDULE (165175)	1,063,181	56.7%
		OUT OF TIME (165176)	26,421	1.4%
<b>ELIGIBLE SUPPORT GROUP (23764)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	No (1066)	162	0%
		Yes (1065)	364	0%

<b>HISTORICAL DRUG START DATE (1190)</b>	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	Date	239,512	12.8%
<b>LACTATION (6332)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	Yes (1065)	182,794	9.8%
	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	No (1066)	101,652	5.4%
		Yes (1065)	4,180	0.2%
	<b>FSR (147)</b>	Unknown (1067)	428,646	22.9%
<b>MEMBERSHIP PLAN (23716)</b>	<b>FICHE MESTRA - FICHE APSS E PP (164)</b>	No (1066)	509,081	27.2%
		Yes (1065)	1,427,596	76.1%
<b>MID-UPPER ARM CIRCUMFERENCE (1343)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	NA (NA)	232,256	12.4%
<b>PERCENTAGE OF ADHERENCE (165463)</b>	<b>FICHE MESTRA - FICHE APSS E PP (164)</b>	NA (NA)	297,256	15.9%
<b>PRE-ART START DATE (23808)</b>	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	NA (NA)	207,631	11.1%
<b>PREGNANT (1982)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	Yes (1065)	99,915	5.3%
	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	No (1066)	101,246	5.4%
		Yes (1065)	19,992	1.1%
	<b>FSR (147)</b>	Unknown (1067)	428,646	22.9%
<b>PRESUMPTIVE DIAGNOSIS IN CHILDREN LESS THAN 18 MONTHS (23807)</b>	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	Yes (1065)	766	0%
<b>REVELATED CHILDREN (23753)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	COMPLETED (1267)	2	0%
		CONTINUE REGIMEN (1257)	230	0%
		START DRUGS (1256)	17	0%
<b>SECTOR (23783)</b>	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	CHILD AT RISK CLINIC (1872)	3,900	0.2%
		HEALTH UNIT, PREVENTION OF VERTICAL TRANSMISSION (1985)	15,183	0.8%
		HEALTH UNIT, VOLUNTARY TESTING AND COUNSELING - YOUTH (1987)	8,066	0.4%
		Myasthenia Gravis without Exacerbation (21275)	143,130	7.6%
		PLANO NACIONAL PARA COMBATE TUBERCULOSE (1414)	2,667	0.1%
<b>Diastolic blood pressure (5086)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	Numeric	880,084	46.9%
<b>Systolic blood</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	Numeric	888,581	47.4%

<b>pressure (5085)</b>				
<b>TRANSFER FROM OTHER FACILITY (1369)</b>	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	Yes (1065)	27,123	1.4%
<b>TYPE OF COUNSELING VISIT (6315)</b>	<b>FICHE MESTRA - FICHE APSS E PP (164)</b>	DROPPED FROM TREATMENT (1707)	55,352	3%
		LOW ADHERENCE (6311)	375,388	20%
		NORMAL (1115)	1,471,788	78.5%
<b>TYPE OF PATIENT TRANSFERED FROM (6300)</b>	<b>FICHE MESTRA- FICHE RESUMO (165)</b>	ART (6276)	29,504	1.6%
		HIV - CARE (6275)	2,403	0.1%
<b>Weight (kg) (5089)</b>	<b>FICHE MESTRA - FICHE CLINICA (163)</b>	Numeric	1,676,493	89.4%

## Patient

Table name: patient

Column_Name	Description	Format	Valid Values	Notes
id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int		Not for analytic purposes
patient_id	A unique identifier assigned to a patient by Open MRS system within the health facility	int	A number 1-999.999.999  Example: 132	
patient_uuid	A unique identifier assigned to a patient by Open MRS system that is unique across health facilities	int	78e24c71-049a-4e3f-80b3-f382231dd55f	
gender	The gender of the person	Male Female	M – Masculino/ Male F – Feminino / Female	
birthdate		Date/Time	YYYYMMDD	
birthdate_estimated	A field indicating if the patients date of birth was estimated based on the entered age		1- Actual Date of Birth 2- Estimated Date of Birth (will have a January 1 year and month)	This indicates the person did not provide a date of birth and only the patients age was entered in SESP.
date_created	The date the information in the demographics module was created.	Date/Time		The date the information was entered in the demographics module in SESP.
source_database	The name of the database file submitted by the implementing partner used to validate data integrity.			Not for analytic purposes.

## Patient State

Table name: patient\_state

Captures the patient state information that is collected in the program enrollment module and on fichas. The Program Enrollment Module in SESP is an independent module used when a patient is registered for a service and is considered the starting point for registration in SESP.

Column_Name	Description	Format	Valid Values	Notes
id	An auto increment field created during database consolidation process and included in Mozart to validate data integrity.	int		Not for analytic purposes
patient_uuid	A unique identifier assigned to a patient by Open MRS system that is unique across health facilities	int	78e24c71-049a-4e3f-80b3-f382231dd55f	
program_id	The identifier for the program from the program enrollment module			To be removed as duplicative of source_id
program_enrollment_date	The date the patient was enrolled in the program		2022-09-13 00:00:00	The date the patient enrolled in the program
program_completion_date	The date the patient completed the program		2022-09-13 00:00:00	The date the patient completed the program (where applicable)
location_uuid	The location or health facility where the patient transferred from		78e24c71-049a-4e3f-80b3-f382231dd55f	
enrollment_uuid	A unique identifier assigned to a patient by Open MRS system that		78e24c71-049a-4e3f-80b3-f7898874rr33g	



	is unique across health facilities			
encounter_uuid	If the source id is a ficha, this provides the ability to link to the FORM table			This field is populated when the source id is a ficha and is not populated when the source id is a program or demographics. June release.
source_id			0 – Demographics module  1 – Program enrollment module SERVICO TARV – CUIDADO  2-Program enrollment module – SERVICO TARV – TRATAMENTO  5- Program enrollment module – Tuberculose  6 – Program enrollment module CCR (children at risk)  7 – Program enrollment module CCU (cervical cancer)  8 – Program enrollment module (PTV/ETV) PMTCT  25 – Program enrollment module PrEP  165 – Ficha Resumo 163 – Ficha Clinica 121 – TARV: VISITA DOMICIALIARA (home visit card)	This field is populated if the data source is from the program enrollment module, demographic module or the ficha.  If the program enrollment date is from the legacy Ficha de Seguimento, while the date should be captured for the patient on the Ficha Resumo, it is recommended to refer to the observation table  6 – CCR includes children who are HIV exposed
state_id	The state of the patient		50 - ABORTION 1256 - START 1366 – DIED 1369 - TRANSFERRED IN 1705 – RESTART 1706 - TRANSFERRED OUT 1707 – DROPPED FROM	The patient state in a module will change over time.  Please refer to Appendix 4 table to see link between program/form and state_ids  For example, a 50 – Abortion is

			TREATMENT 1709 - SUSPEND TREATMENT 1798 - MEDICAL CONSULTATION 1982 - PREGNANT 6248 - BIRTH 6269 - ACTIVE 6301 - CURED 6302 - TB CURED 23903 – HIV NEGATIVE 23863 – AUTO TRANSFERENCE 165231 - EXIT - HIV POSITIVE TESTED 165232 - EXIT - NO MORE SUBSTANTIAL RISKS 165233 - EXIT- SIDE EFFECTS 165234 - EXIT - USER PREFERENCE	associated when a patient is enrolled in the 8 - (PTV/ETV) PMTCT program
state_date	The date the state was changed			The date the date entry clerk updated the status in SESP
created_date				
state_uuid	An auto increment field created during database consolidation process and included in Mozart to validate data integrity			Not for analytic purposes
source_database				