

MER Structured Dataset Release Notes for Data Entry Close on 9/20/2019 (with cleaned, FY19 Q3 Data)

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Summary

The PRIME Systems Team, in collaboration with the ICPI Data Access and Quality (DAQ) Team, is posting the MER Structured Datasets (MSDs) on [PEPFAR Panorama](#). These datasets will be available with the Panorama Release on 9/27/2019 at 7:00 PM EST (9/28/2019 at 1:00 AM Johannesburg time). The 9/27/2019 MER Structured Datasets reflect data from the FY19 Q3 data cleaning period, which closed on September 20th.

These release notes provide high-level descriptions of known issues with the content of the 9/27/2019 MER Structured Datasets. If there are any differences between the MSDs and other data, these notes will contain information about them.

This document also includes critical information about the handling of sensitive site names, including DOD-funded military sites and sites that serve key populations¹. Anyone using the Site by IM MER Structured Datasets should read the [Critical Site by IM Nuances](#) section of this document prior to conducting any analyses.

Available FY19 Q3 Datasets

Time Period: DATIM FY19 Q3 data cleaning close on September 20th, 2019.

Results Included: FY17 - FY19 results

Targets Included: FY17 (COP16) – FY20 (COP19) targets

Historical Data: The FY15-16 datasets are now available.

Datasets now available on Panorama:

- Operating Unit (OU) x Implementing Mechanism (IM)
- OU x Priority Sub National Units (PSNU)
- OU x PSNU x IM (posted both as a single file containing all OUs and as separate files for each OU)
- DREAMS PSNU x IM
- Site x IM (one dataset for each OU)
- MER Nat / SubNat report with PLHIV data for FY15-20

Resolved Issues, Known Issues, Updates, and Organization Hierarchy Changes:

Resolved Issues

- **Prior Issue:** Nigeria had TX_TB denominator data for FY2019 Q3, even though this should be semi-annual data (i.e., entered in Q2 or Q4).
 - **Resolution:** This issue was resolved during the Q3 cleaning period.
 - **Action:** No action is required.
- **Prior Issue:** For COP19, data entry was prohibited against the VMMC_CIRC Age/Sex disaggregate via the Data Pack or DATIM. Yet, _Military Rwanda has had data manually entered against it in DATIM.
 - **Resolution:** While this data did exactly equal the sum of the related categoryOptionCombos from the VMMC_CIRC Age/Sex/HIVStatus data element, this data was duplicative and would have caused issues in downstream systems. The data has been deleted.
- **Prior Issue:** Zambia submitted an Operational Plan Update which resulted in Target changes for COP 18 / FY 19.

¹ Detailed descriptions of the Most Complete Age-Sex Disaggregate (MCAD), the StandardizedDisaggregate variable, and calculated indicators have been moved to the *MER Structured User's Guide and Data Dictionary* which can be found on Panorama.

- **Resolution:** The updated targets have been loaded into DATIM and have been successfully de-duplicated. They will be available in the FY19 Q3 clean MER Structured Datasets.
 - **Action:** No action is required.
- **Prior Issue:** A review of several OUs' data showed that there was unapproved target data from prior fiscal years entered against various inactive mechanisms. As a result, the data associated with these mechanisms was only visible in DATIM for Partners and Agency users. Other DATIM users were not able to see this data, which may have been entered in error, and no users were able to see this data in Panorama, since it was not approved.
 - **Resolution 1:** Data was deleted for the following OUs, periods, and mechanisms following confirmation from OU teams:
 - India: FY18 targets under mechanism 17806
 - South Sudan: FY16 Targets under mechanism 17671
 - Cote d'Ivoire: FY18 Targets under mechanism 18638
 - Asia Regional Program FY17 Targets under mechanism 18446
 - Ethiopia FY18 Targets under mechanism 7515
 - Tanzania FY18 Targets under mechanism 12200
 - **Resolution 2:** Data was reassigned from one mechanism to another for the following OUs, periods, and mechanisms per the request of OU teams:
 - Papua New Guinea: FY19 Targets under mechanism 17083 were reassigned to mechanism 18518
 - South Sudan: FY17 Targets under mechanism 17675 were reassigned to mechanism 17805
 - Ghana: FY17 Targets under mechanism 18315 were reassigned to mechanism 18424
 - Zambia: FY17 Targets under mechanism 17761 were reassigned to mechanism 18346
 - **Action:** No action is required.

Known Issues

- **Issue:** In the release notes for FY19 Data Entry Period close on 8/15, we noted that all column headers would be lower case in the current, FY19 Data Cleaning Period on 9/20. However, this has been delayed until Q4. Genie will be updated with the Genie Q4 data on 10/14 and the MSDs will be updated with the November 15th (Q4 initial) release.
 - **Action:** Please update or revert any tools which have been altered to parse lowercase column headers.
 - **Expected Resolution:** All column headers will be lower case following the Q4 Initial Data Entry Period close on 11/15.
- **Issue:** Nigeria requested a change to FY19 targets in order to assign them to a new mechanism. However, the import file with the changed data was missing agency data and could not be processed. As a result, Nigeria's FY19 targets are the same values as the initial submission during COP19.
 - **Action:** Users of MSDs and Panorama should exercise caution when analyzing Nigeria's FY19 target data.
 - **Expected Resolution:** This data will be updated in the subsequent release after Nigeria submits a complete, updated site tool.

- **Issue:** Data without global approval is not included in MER Structured Datasets or Panorama during the following periods for the specified OUs for LAB_PTCQI:
 - **FY 2018 Targets:** Cameroon
 - **Action:** Users of MSDs and Panorama for Cameroon should expect discrepancies between their MSDs and DATIM pivot tables for this OU during this period.
 - **Expected Resolution:** The systems team is working with the OU team to review and resolve as necessary.
- **Issue:** The indicator "HRH_STAFF" has been renamed "HRH_STAFF_NAT" in DATIM. The name has not yet been changed in other systems. However, the data for "HRH_STAFF_NAT" in DATIM is equivalent to the data for "HRH_STAFF" in the MER Structured Datasets, Genie, and Panorama (including the SIMS dashboards).
 - **Action:** If you are comparing data for any of these indicators across systems, please be aware that HRH_STAFF_NAT is currently only available in DATIM, and appears as HRH_STAFF in other systems.
 - **Expected Resolution:** All systems will use the indicator name "HRH_STAFF_NAT" after the FY2019, Q4 Data Entry Open (10/1/2019)

Updates: General Announcements

No actions are required for these changes:

- FY20 targets are included in the MSDs and Frozen Genie data
 - The FY20 target data contains three new Operating Units:
 - Asia Region (Country=Nepal)
 - West Africa Region (multiple countries)
 - Western Hemisphere Region (Country=Brazil)

Organization Hierarchy Changes:

- Zambia has relocated 94 facilities to newly created districts in DATIM.
- South Africa has updated 28 sites and merged 10 sites.
- Cameroon has merged 2 sites.
- Ukraine has deleted 3 sites and updated 3 sites.

Additional Information:

Datasets Cannot be Directly Imported into MS Excel

Please note that the OU x IM, PSNU, PSNU x IM and some individual Site by IM datasets include over 1.1 million rows of data and can no longer be directly imported into MS Excel. In order to work around this limitation, there is a folder containing individual PSNU x IM datasets for each OU.

These datasets are often small enough to import into Excel following the instructions outlined in the *User's Guide and Data Dictionary*. Otherwise, before importing into MS Excel, the OU x IM, PSNU, PSNU x IM and some



individual Site by IM datasets will need to be trimmed down by one of several parameters chosen by the user (e.g: “indicator,” “disaggregate,” “fundingagency,” “primepartner,” etc.).

Additionally, statistical software can be used to open and manipulate the full MSD datasets. Reference code for **R** and **SAS** is available in the [ICPI Data Store](#).

Consistency Checks

Comparison of MER Structured Datasets and Panorama Backend Data

The current MER Structured Datasets are consistent with the data displayed in Panorama. The calculations are made using the same logic, and there are no differences. In the consistency check for the next release, we will include HTS_INDEX_COM, HTS_INDEX_FAC and TX_RET and some of the LAB and OVC indicators.

fiscal_year		2019							
indicator	operatingunit	data_element_name	Targets	Qtr1	Qtr2	Qtr3	Qtr4		
⊕ CXCA_SCRN			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ CXCA_SCRN_POS			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ CXCA_TX			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ GEND_GBV			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ GEND_GBV_PhysicalEmotionalViolence			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ GEND_GBV_SexualViolence			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ HRH_PRE			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ HTS_INDEX			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ HTS_RECENT			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ HTS_SELF			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ HTS_TST			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ HTS_TST_NEG			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ HTS_TST_POS			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ KP_MAT			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ KP_PREV			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_HIVSTAT			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_HIVSTAT_NEG			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_HIVSTAT_POS			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_SERV			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_SERV_ACTIVE			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_SERV_GRADUATED			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_SERV_OVER_18			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ OVC_SERV_UNDER_18			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PMTCT_ART			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PMTCT_EID			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PMTCT_EID_Less_Equal_Two_Months			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PMTCT_EID_Two_Twelve_Months			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PMTCT_HEI_POS			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PMTCT_STAT			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PMTCT_STAT_POS			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PP_PREV			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ PrEP_NEW			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ SC_STOCK			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TB_ART			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TB_PREV			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TB_STAT			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TB_STAT_NEG_NewlyIdentified_Negative			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TB_STAT_POS			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TB_STAT_POS_KnownAtEntry_Positive			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TB_STAT_POS_NewlyIdentified_Positive			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TX_CURR			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TX_NET_NEW			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TX_NEW			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TX_PVLS			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ TX_TB			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ VMMC_CIRC			0.0%	0.0%	0.0%	0.0%	0.0%		
⊕ VMMC_CIRC_FollowUp			0.0%	0.0%	0.0%	0.0%	0.0%		

Comparison of MER Structured Datasets and Final.DATIM

Differences between the MER Structured Datasets and DATIM are highlighted here for users' awareness, but no action is needed. OGAC is in the process of reconciling these differences and will update users when the items below are resolved.

- For prior years, the HRH_STAFF data does not compare to DATIM due to the data being renamed in DATIM to HRH_STAFF_NAT. This will be resolved after October 1, 2019 in downstream systems.

Comparison of MER Structured Dataset and Final.DATIM (1 of 2)

Percent Different from DATIM s	indicator	numeratorDenom	fiscal_quarter
OU			4
⊕ Angola			100.00%
⊕ Asia Regional Program			100.00%
⊕ Botswana			100.00%
⊕ Cameroon			100.00%
⊕ Caribbean Region			100.00%
⊕ Central Asia Region			100.00%
⊕ Cote d'Ivoire			100.00%
⊕ Democratic Republic of the Congo			100.00%
⊕ Dominican Republic			100.00%
⊕ Eswatini			100.00%
⊕ Ethiopia			100.00%
⊕ Haiti			100.00%
⊕ India			100.00%
⊕ Indonesia			100.00%
⊕ Kenya			100.00%

Comparison of MER Structured Dataset and Final.DATIM (2 of 2)

⊕ Lesotho			100.00%
⊕ Malawi			100.00%
⊕ Mozambique			100.00%
⊕ Namibia			100.00%
⊕ Nigeria			100.00%
⊕ Rwanda			100.00%
⊕ South Africa			100.00%
⊕ South Sudan			100.00%
⊕ Tanzania			100.00%
⊕ Uganda			100.00%
⊕ Vietnam			100.00%
⊕ Zambia			100.00%
⊕ Zimbabwe			100.00%

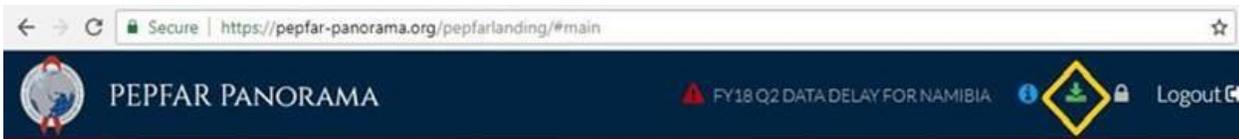
- Data without global approval is not included in MER Structured Datasets or Panorama. Users of MSDs for the following OU in the given periods should expect discrepancies between their MSDs and DATIM pivot tables due to missing global approval:

○ FY2018 Targets: Cameroon

fiscal_year	2018								
result_target	TARGET								
Percent Different from DATIM s									
OU	indicator		numeratorDenom		fiscal_quarter				
Cameroon					Targets				
									-150.37%

Release Package

Please login to [PEPFAR Panorama](https://pepfar-panorama.org) to access all of the below locations. The folder name within PEPFAR Panorama Downloads is listed under “Location” below.



Item	Description	Location
FY17-20 Datasets	The FY17-20 datasets are available from PEPFAR Panorama’s Download location as zip files.	PEPFAR Panorama Folder: “MER FY2019 Q3 Clean”
Historical FY15-16 Datasets	FY15-16 datasets are available from PEPFAR Panorama’s Download location as zip files.	PEPFAR Panorama Folder: “MER FY2019 Q3 Clean”
MER Structured User’s Guide and Data Dictionary	This document provides data analysts: background about the MER Structured Datasets, how to access the data, how to import and use the datasets in Excel, known nuances with frozen instance, and a data dictionary table.	PEPFAR Panorama Folder: “MER FY2019 Q3 Clean”
Data Consistency Check and Release Notes	The excel spreadsheet quantifies any differences between the current MER Structured Dataset (9/20/2019) and the Previous MER Structured Dataset (8/15/2019). This document is also posted to give a high-level description of MER Structured consistency checks, known issues with any content, critical nuances related to the datasets.	PEPFAR Panorama Folder: “MER FY2019 Q3 Clean”
Training Modules	Training modules are still available in the PEPFAR.net ICPI Data Store to show methods for analysis on various aspects of the MER Structured datasets	ICPI Data Store – Training