Project Metrics

DATA is king….

Facility Metric

Increase proportion of Eligible Patients with a Viral Load sample delivered to lab from _____ to **80%** by 30 April 2021.

Numerator =   # of Viral Load Samples Delivered to Lab
Denominator =   # of Patients Eligible for a Viral Load Test

Baseline Data	Prospective Data
• Choose 8 periods – November – December 2020 (weekly data)	• Establish the ART clients eligible for VL for each month
• Establish the ART clients eligible for VL for each month	• Divide the monthly eligible population by 4 to establish the weekly target
• Divide the monthly eligible population by 4 to establish the weekly population	• Track the performance on a weekly basis
• The Laboratory will provide the facility teams with numerator	• The Laboratory will provide the facility teams with numerator
• Complete Data Collection & Reporting Record	• Complete Data Collection & Reporting Record

District Hub Metric

Aim -Increase proportion of viral load samples that reach targeted pre-analytic time *(time from VL sample received at the district lab to time submitted to testing lab)* from _____ to **95%** by 30Th April 2021.

Numerator =   # of Viral Load Samples submitted within the targeted pre-analytic time (6 Days)
Denominator = # of Viral Load Samples Received at testing Lab

Baseline Data

- Choose 8 periods – October 2020 to December 2020 **(Weekly Data)**

- Select from District VL register all VL samples received from facilities during the period under review

- Determine if the VL samples were submitted to the testing lab with 6 days during the review period.

- Complete Data Reporting Record

Prospective Data

- Weekly, select from District VL register all VL samples received from facilities during the period under review

- Determine if the VL samples were submitted to the testing lab with 6 days during the review period.

- Complete Data Reporting Record

Testing Lab Metric

Aim -Increase proportion of viral load samples that reach targeted* turnaround times
(time from sample collection to time results received by clinic) from _____ to **95%** by April 2021.

Numerator = <u> # of Viral Load Results reported within TAT (14 Days)</u>
Denominator =   # total results reported

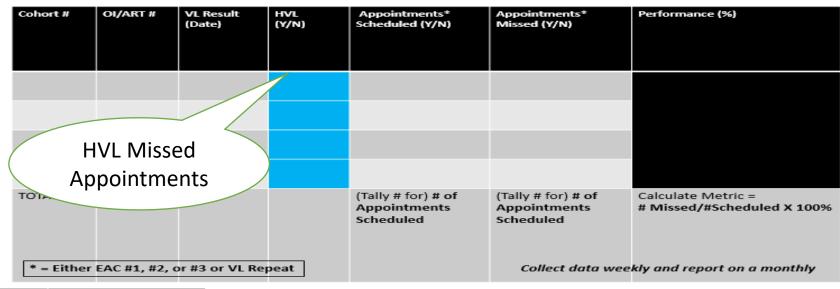| Baseline Data	Prospective Data
• Choose 8 periods – October 2020 to December 2020 **(Weekly Data)** • Select from LIMS all VL samples collected at facilities during the period under review • Determine from LIMS/ Sample Transmittal sheet if the VL results reached the facility with 14 days during the review period. • Complete Data Reporting Record	• At the end of each week, select from LIMS all VL samples collected at facilities during the period under review • Determine from LIMS/ Sample Transmittal sheet if the VL results reached the facility with 14 days during the review period. • Complete Data Reporting Record

Data Collection tools
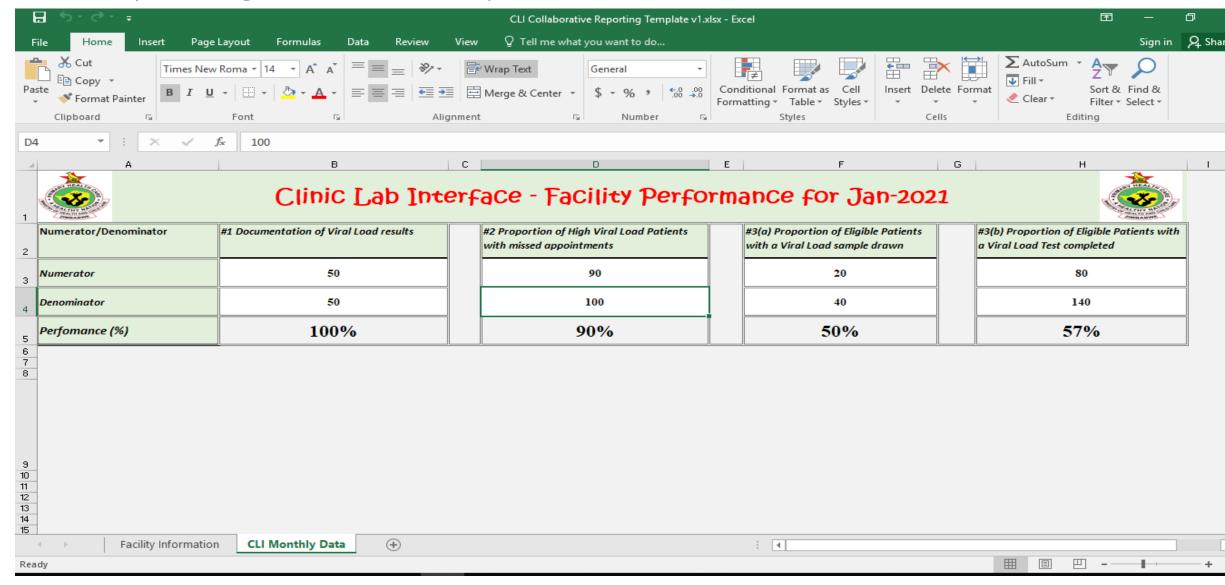
Harmonization IPS Data collection and reporting tools

-Standardization -SOP for CLI Collaborative Data Collection & Reporting Template v1 2

-Baseline data

- Site support- virtual and face to face

Cohort #	OI/ART #	VL Result (Date)	HVL (Y/N)	Appointments* Scheduled (Y/N)	Appointments* Missed (Y/N)	Performance (%)
TOTA				(Tally # for) # of Appointments Scheduled	(Tally # for) # of Appointments Scheduled	Calculate Metric = # Missed/#Scheduled X 100%

HVL Missed Appointments

* = Either EAC #1, #2, or #3 or VL Repeat

Collect data weekly and report on a monthly

Cohort #	OI/ART #	Pt eligible* for Viral Load	Eligible Yes/No	Viral Load Drawn	Sample Drawn Yes/No	Performance (%)
TOTALS			(Tally # for) # Eligible		(Tally # for) # of Eligible w/ sample drawn	Calculate Metric = # Eligible w/ Sample Drawn/#Eligible X 100%

Viral Load Sample Collection

Cohort #	OI / ART #	Test Returned to Clinic - Yes	VL Test Result Recorded in Green Book – Yes
TOTALS		# of Tests Returned to Clinic	# of Results in Green Book

Documentation of VL Results

Data Reporting tools - Facility

Clinic Lab Interface - Facility Performance for Jan-2021

Numerator/Denominator	#1 Documentation of Viral Load results		#2 Proportion of High Viral Load Patients with missed appointments		#3(a) Proportion of Eligible Patients with a Viral Load sample drawn		#3(b) Proportion of Eligible Patients with a Viral Load Test completed
Numerator	50		90		20		80
Denominator	50		100		40		140
Perfomance (%)	100%		90%		50%		57%

Facility Information | **CLI Monthly Data**

Data Reporting tools - Laboratory

CLI Collaborative Reporting Template v1.xlsx - Excel

Clinic Lab Interface - Laboratory Performance for Jan-2021

Numerator/Denominator	proportion of VL sample rejection rates		proportion of viral load samples that reach targeted* turnaround times
Numerator	15		15298
Denominator	15250		26581
Perfomance (%)	0.098%		58%

Facility Information | CLI Monthly Perfomance -Facilty | **CLI Monthly Perfomance -Lab**

Data Reporting and Management

- Reliable data collection is probably the greatest threat to our CLI rollout engage

- All the stakeholders to support Data Quality Officer in this very important work

- SIE officers (with the support of DECs) to assist with data collection and submission to the national office

- District SIE officers/assistants (with the support of DECs) own data collection, reporting and management process for their respective sites

- The SIE officer to assist the facility with generation of the run charts and data visuals for the Learning board

- Facility teams should collect data weekly and report on a weekly basis.

- There is a dedicated QI server at the national office where aggregated data for all sites will uploaded and consolidated.