# 2017 Sustainability Index Dashboard Summary: Lesotho

The HIV/AIDS Sustainability Index and Dashboard (SID) is a tool completed every two years by PEPFAR teams and partner stakeholders to sharpen the understanding of each country's sustainability landscape and to assist PEPFAR and others in making informed HIV/AIDS investment decisions. Based on responses to 89 questions, the SID assesses the current state of sustainability of national HIV/AIDS responses across 15 critical elements. Scores for these elements are displayed on a color-coded dashboard, together with contextual charts and information. As the SID is completed over time, it will allow stakeholders to track progress and gaps across these key components of sustainability.

Dark Green Score (8.50-10 points)
(sustainable and requires no additional investment at this time)

Light Green Score (7.00-8.49 points)
(approaching sustainability and requires little or no investment)

Yellow Score (3.50-6.99 points)
(emerging sustainability and needs some investment)

Red Score (<3.50 points)
(unsustainable and requires significant investment)

**Lesotho Overview**: Lesotho has made significant progress is addressing the HIV/AIDS epidemic in the last few years. The recently released Lesotho Population Based HIV/AIDS Impact Assessment shows that for adults 15-59 in Lesotho the country is making real progress towards the UNAIDS 90/90/90 targets. In Lesotho, 77% of PLHIV know their status, 90% of those who know their status are on ART, and 88% of those on ART are virally suppressed. Moving forward, Lesotho will continue to focus efforts on strengthening data quality, identifying priority populations (including adolescents and men), and addressing gaps in the national response. The Government of Lesotho continues to be a strong partner in the HIV/AIDS response.

**SID Process**: On November 8<sup>th</sup>, PEPFAR and UNAIDS co-convened a one-day SID stakeholders workshop. The workshop included participants from the Ministry of Health, Cabinet sub-committee on HIV/AIDS, Ministry of Social Development, UNAIDS, the National AIDS Commission, Global Fund principal recipients, civil society organizations, and other development partners. After introductory remarks from both PEPFAR and UNAIDS, the participants broke off into four domain subgroups to discuss and complete the SID tool. The full group then reconvened for a report back session where each domain presented the key findings. Each domain was allowed to continue discussions and data collection over email in the week following the stakeholders meeting. The chairperson of each domain then submitted the final domain to PEPFAR on November 15<sup>th</sup>. The PEPFAR Coordinator compiled the tool into one final submission.

#### **Sustainability Strengths:**

• Planning and Coordination (9.07, dark green): Lesotho scored highly in the area of planning and coordination. In Lesotho, technical working groups and stakeholder forums for various health areas exist and are active (examples include HIV Testing Services TWG, Treatment TWG, and quarterly PEPFAR POART stakeholder meetings). The AIDS Development Partners meeting, which is co-chaired by PEPFAR and UNAIDS, meets monthly to review progress and ensure program harmonization. The current National Coordination Framework was developed in 2013 when the current National Strategic Plan (NSP) was developed. The NSP is currently being

- reviewed and the national coordination framework will be reviewed alongside it. Lastly, a variety of donors usually engage with the Ministry of Health in a resource mapping activity that helps to analyze and address areas of duplication.
- Policies and Governance (7.97, light green): The next highest score for Lesotho was in policies and governance. The Ministry of Health in Lesotho has been very proactive in developing and implementing updated policies to ensure the highest impact and work towards epidemic control. For example, Lesotho was the first country in sub-Saharan Africa to adopt Test and Treat and the Ministry was very quick to include PrEP and self-testing in their updated guidelines. However, Lesotho was not able to score a dark green in this section because a number of policies were still in draft form and the laws were not key population friendly.

#### **Sustainability Vulnerabilities:**

- Commodity Security and Supply Chain (3.56, yellow): This is the element where the score dropped the most from SID 2.0 to SID 3.0. The MOH Supply Chain Strategic plan draft (2013/14-2016/17) has expired. However, there is a plan to develop a follow-on strategy in 2018. The creation of the MOH Supply Chain Coordination Unit and support from USAID projects improved the standardization and reliability of national quantifications. But, there is still the absence of a fully functional national drug regulatory agency. There is a working quantification working group for the MoH that carries out annual quantifications to inform government budgeting cycle and procurements, and bi-annual quantification reviews to inform procurements. In Lesotho there is still no adequate system for monitoring and reporting of stock level at facility level in the country that creates gaps in adequately knowing national stock level picture for all the products beyond National Drug Supply Organization level. Additionally, the multiplicity of formulations and pack sizes of same medicines at facility level creates confusion among health workers at time of reporting and ordering. There is also a significant delay in release of funds for procurement of medicines and health supplies and the amounts released are further affected by procurement issues within Ministry of Finance.
- Laboratory (3.75, yellow): Another area where Lesotho saw a drop from SID 2.0 to SID 3.0 was in laboratory. There is no laboratory strategy in place in Lesotho. In addition, the human resources for the country's laboratories are mostly donor funded (Global Fund and PEPFAR). According to the Human Resource Plan for 2017, 60% of laboratory positions are vacant and the workload for the current staff is very high. Lastly, many of the laboratory services are donor finances. Viral testing, Genexpert cartridges, and TB Drug resistance tests are financed by Global fund, World Bank and PEPFAR. Routine lab tests like FBC, Chemistries are financed by the Government of Lesotho.

**Additional Observations:** Lesotho had no red scores in the Sustainability Index Dashboard. For the areas that saw a drop in score from SID 2.0 to SID 3.0, there are a number of comments to help explain the reasons for the current score. It is also important to remember that much of the scoring is subjective and the stakeholders engaged and general approach to scoring for this SID 3.0 can also play a role in these perceived decreases.

**Contact:** For questions or further information about PEPFAR's efforts to support sustainability of the HIV response in Lesotho, please contact Dr. Robert Manda at <a href="mailto:rmanda@usaid.gov">rmanda@usaid.gov</a>.

# **Sustainability Analysis for Epidemic Control:**

### Lesotho

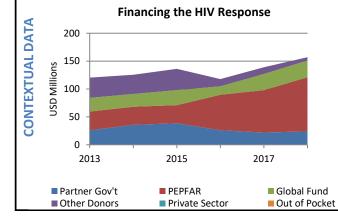
Epidemic Type: Generalized

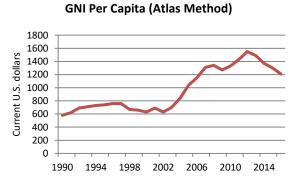
Income Level: Lower middle income

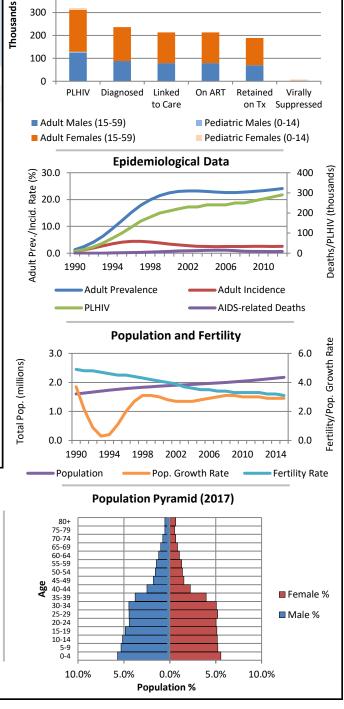
**PEPFAR Categorization:** Long-term Strategy

**PEPFAR COP 17 Planning Level:** \$67,871,405

		2015 (SID 2.0)	2017 (SID 3.0)	2019	2021
	Governance, Leadership, and Accountability				
S	1. Planning and Coordination	8.00	9.07		
Z	2. Policies and Governance	5.01	7.97		
NE	3. Civil Society Engagement	6.50	7.17		
LEMENT	4. Private Sector Engagement	3.80	4.13		
ш	5. Public Access to Information	9.00	6.00		
pu	National Health System and Service Delivery				
Sa	6. Service Delivery	4.81	6.06		
	7. Human Resources for Health	5.75	6.50		
OMAIN	8. Commodity Security and Supply Chain	6.32	3.56		_
	9. Quality Management	5.48	4.24		
0	10. Laboratory	4.17	3.75		_
E	Strategic Investments, Efficiency, and Sustainable				
ABILI	Financing				
A	11. Domestic Resource Mobilization	5.00	4.13		
AN	12. Technical and Allocative Efficiencies	5.47	6.33		
Ι¥	Strategic Information				
UST	13. Epidemiological and Health Data	6.01	4.60		
S	14. Financial/Expenditure Data	3.75	5.83	_	
	15. Performance Data	4.71	6.51		







**CONTEXTUAL DATA National Clinical Cascade** 

400

300

#### Domain A. Governance, Leadership, and Accountability

What Success Looks Like: Host government upholds a transparent and accountable resolve to be responsible to its citizens and international stakeholders for achieving planned HIV/AIDS results, is a good steward of HIV/AIDS finances, widely disseminates program progress and results, provides accurate information and education on HIV/AIDS, and supports mechanisms for eliciting feedback. Relevant government entities take actions to create an enabling policy and legal environment, ensure good stewardship of HIV/AIDS resources, create space for and promote participation of the private sector, and provide technical and political leadership to coordinate an effective national HIV/AIDS response.

,	lops, implements, and oversees a costed multiyear national stra of a coordinated HIV/AIDS response in the country across all lev d the private sector.	•.	Data Source	Notes/Comments
	A. There is no national strategy for HIV/AIDS	1.1 Score: 2.07	National HIV/AIDS Strategic Plan 2011/12 - 2017/18	Country does not currently have the VMMC 'catchup' plan in the current
	There is a multiyear national strategy. Check all that apply:      It is costed			document. 2. MoH is still working on the Key Populations plan, curretly there is no finalised plan. 3. There needs to be a
	✓ It has measurable targets.			transition plan from the emergency response to a sustainable one. The
	☑ It is updated at least every five years			Lesotho Investment Case (2014) still needs endorsement and review.
<b>1.1 Content of National Strategy:</b> Does the country have a multi-year, costed national strategy to respond to HIV?	Strategy includes all crucial response components for prevention and treatment (HIV testing, treatment and care [including children and bdolescents], PMTCT, transition from 'catchup' to sustainable VMMC if country performs VMMCs, scale-up of viral load, EID, and other key metrics)			
	Strategy includes explicit plans and activities to address the needs of key populations.			
	Strategy includes all crucial response components to mitigate the impact of HIV on vulnerable children			
	Strategy (or separate document) includes considerations and activities related to sustainability			
	OA. There is no national strategy for HIV/AIDS	1.2 Score: 2.00	National HIV/AIDS Strategic Plan 2011/12 - 2017/18	1. CSOs participated but there was no active participation, however CSOs are actively involved in implementation. 2.
	B. The national strategy is developed with participation from the following stakeholders (check all that apply):			Businesses and the corporate sector are most of the time not participating.
	✓ Its development was led by the host country government			
1.2 Participation in National Strategy  Development: Who actively participates in	☑ Civil society actively participated in the development of the strategy			
development of the country's national HIV/AIDS strategy?	Private health sector providers, facilities, and training institutions, actively participated in the development of the strategy			
	Businesses and the corporate sector actively participated in the development of the strategy including workplace development and corporate social responsibility (CSR)			
	External agencies (i.e. donors, other multilateral orgs., etc.)  supporting HIV services in-country participated in the development of the strategy			

	The central government is responsible for service delivery at the sub-national level.			
targets? (note: equal points for either checkbox under option B)	Sub-national units have performance targets that contribute to aggregate national goals or targets.			
1.4 Sub-national Unit Accountability: Is there a mechanism by which sub-national units are accountable to national HIV/AIDS goals or	B. There is a formal link between the national plan and sub-national service delivery. (Check the ONE that applies.)			
	CA. There is no formal link between the national plan and sub-national service delivery.	1.4 Score: 2.	NSP and National M&E Plan	
	Duplications and gaps among various government, CSO, private sector, and donor activities are systematically identified and addressed.			
	init operational plans are developed that include key activities of implementing organizations.			
second and announced announced and announced announced and announced annou	The host country government leads a mechanism or process (i.e. committee, working group, etc.) that routinely convenes key internal and external stakeholders and implementers of the national response for planning and coordination purposes.			
activities implemented in the country, including those funded or implemented by CSOs, private sector, and donor implementing partners?	☑donors			
Implementation: To what extent does the host country government coordinate all HIV/AIDS	private sector (including health care providers and/or other private sector partners)			
1.3 Coordination of National HIV	☑civil society organizations			Different donors usually engage in a resource mapping activity to analyse and adress duplications.
	The host country government routinely tracks and maps HIV/AIDS activities of:			current plan was developed in 2013 when the NSP was developed. 4.
	There is an effective mechanism within the host country government   for internally coordinating HIV/AIDS activities implemented by various government ministries, institutions, offices, etc.		various TWGs. 4. National AIDS ACT and Policy.	areas exists and are active. 2. AIDS Development Partners meetings are held regularly to review progress. 3. The
	Check all that apply:	1.3 Score: 2.	1. National Coordination Framework. 2. LOMSHA. 3. Terms of Reference for	Technical Working Groups and     Stakeholder forums for various thematic

2. Policies and Governance: Host country develops, implements, and oversees a wide range of policies, laws, and regulations that will achieve coverage of high impact interventions, ensure social and legal protection and equity for those accessing HIV/AIDS services, eliminate stigma and discrimination, and sustain epidemic control within the national HIV/AIDS response.			Data Source	Notes/Comments
	For each category below, check yes or no to indicate if current national HIV/AIDS technical practice follows current WHO guidelines for each of the following:  A. Adults (>19 years)  Yes  No	2.1 Score: 1.11	MOH ART Guidelines 2016	
<b>2.1 WHO Guidelines for ART Initiation:</b> Does current national HIV/AIDS technical practice follow current WHO guidelines for initiation of ART, i.e. Test and START for all populations?	B. Pregnant and Breastfeeding Mothers  ☑ Yes  ☐ No			
	C. Adolescents (10-19 years)  ✓ Yes  No			
	D. Children (<10 years)  ☑ Yes ☐ No			

	Check all that apply:  A national public health services act that includes the control of	2.2 Score: 0.9	HIV/AIDS Policy 2007; NAC 2005  (ammendment Bill 2015); Public Health Act 1970; MoH ART Guidelines 2016; NSP; OVC Policy 2011-2016/17; Self Testing Policy; HIV Testing Services Policy	1.HIV/AIDS Policy is outdated and needs revision urgently; 2. Draft VHW policy is available; 3. HTS for adolescents without parental consent starts at 12 years, treatment at 18 years
	A task-shifting policy that allows trained non-physician clinicians, midwives, and nurses to initiate and dispense ART		(Draft)	deadment at 10 years
	A task-shifting policy that allows trained and supervised community health workers to dispense ART between regular clinical visits			
	Policies that permit patients stable on ART to have reduced clinical visits (i.e. every 6-12 months)			
<b>2.2 Enabling Policies and Legislation:</b> Are there policies or legislation that govern HIV/AIDS	Policies that permit patients stable on ART to have reduced ARV pickups (i.e. every 3-6 months)			
service delivery or policies and legislation on health care which is inclusive of HIV service delivery?	Policies that permit streamlined ART initiation, such as same day initiation of ART for those who are ready			
Note: If one of the listed policies differentiates policy for specific groups, please note in the Notes/Comments column.	Legislation to ensure the well-being and protection of children, including those orphaned and made vulnerable by HIV/AIDS			
Notes/ Comments Column.	Policies that permit HIV self-testing			
	Policies that permit pre-exposure prophylaxis (PrEP)			
	Policies that permit post-exposure prophylaxis (PEP)			
	Policies that allow HIV testing without parental consent for adolescents, starting at age 15			
	Policies that allow HIV-infected adolescents, starting at age 15, to seek HIV treatment without parental consent			

<b>2.3 Data Protection:</b> Does the country have policies in place that support the collection and appropriate use of patient-level data for health, including HIV/AIDS?	The country has policies in place that (check all that apply):  Govern the collection of patient-level data for public health purposes, including surveillance  Govern the collection and use of unique identifiers such as national ID for health records  Govern the privacy and confidentiality of health outcomes matched with personally identifiable information  Govern the use of patient-level data, including protection against its use in crimincal cases	2.3 Score:	0.83	M&E Tools; LOMSHA; HTS Policy; Integrated Disease Surveilence Response (IDSR) Guidelines; Public Health Law;	Director Planning/Policy at the MOH to provide policy document for last point on criminal cases.
2.4 Legal Protections for Key Populations: Does the country have laws or policies that specify protections (not specific to HIV) for specific populations?	Check all that apply:  Transgender people (TG):  Constitutional prohibition of discrimination based on gender diversity  Prohibitions of discrimination in employment based on gender diversity  A third gender is legally recognized  Other non-discrimination provisions specifying gender diversity (note in comments)  Men who have sex with men (MSM):  Constitutional prohibition of discrimination based on sexual orientation  Hate crimes based on sexual orientation are considered an aggravating circumstance  Incitement to hatred based on sexual orientation prohibited  Prohibition of discrimiation in employment based on sexual orientation  Other non-discrimination provisions specifying sexual orientation  Female sex workers (FSW):  Constitutional prohibition of discrimination based on occupation  Sex work is recognized as work  Other non-discrimination protections specifying sex work (note in comments)	2.4 Score:	0.39	Note: This question is adapted from questions asked in the revised UNAIDS NCPI (2016). If your country has completed the new NCPI, you may use it as a data source to answer this question. Data Source: Constitution of Lesotho	Constitution of Lesotho is silent on KP issues; 2. Penal code does not allow for sodomy

	People who inject drugs (PWID):  Specific antidiscrimination laws or other provisions for people who use drugs (specify in comments)  Explicit supportive reference to harm reduction in national policies  Policies that address the specific needs of women who inject drugs			
<b>2.5 Legal Protections for Victims of Violence:</b> Does the country have protections in place for victims of violence?	The country has the following to protect key populations and people living with HIV (PLHIV) from violence:  General criminal laws prohibiting violence  Specific legal provisions prohibiting violence against people based on their HIV status or belonging to a key population  Programs to address intimate partner violence  Programs to address workplace violence  Interventions to address police abuse  Interventions to address torture and ill treatment in prisons  A national plan or strategy to address gender-based violence and violence against women that includes HIV  Legislation on domestic violence  Criminal penalties for domestic violence	2.5 Score: 0.8	Note: This question is adapted from questions asked in the revised UNAIDS NCPI (2016). If your country has completed the new NCPI, you may use it as a data source to answer this question. Data Source: Police Art 1998; National Action Plan 2012; Sexual Offences Act; OVC Policy	GBV services provided in two districts (Berea and Maseru), otherwise we have pockets of such programs here and there. There is a need to develop a national program on IPV and GBV. 2. Police act covers abuse by police and establishment of the Police Complaints Directorate. 3. Matrix capacitates police

2.6 Structural Obstacles: Does the country have				Note: This question is adapted from	Legal expertise is needed in this section.
laws and/or policies that present barriers to	For each question, select the most appropriate option:	2.6 Score:	0.76	questions asked in the revised UNAIDS	
delivery of HIV prevention, testing and	Are transgender people criminalized and/or prosecuted in the			NCPI (2016). If your country has	
treatment services or the accessibility of these	country?			completed the new NCPI, you may use it	
services?	☑ Both criminalized and prosecuted			as a data source to answer this question. Data Source: Sexual Offences Act	
	☐ Criminalized				
	☐ Prosecuted				
	☐ Neither criminalized nor prosecuted				
	Is cross-dressing criminalized in the country?				
	Yes				
	Yes, only in parts of the country				
	Yes, only under certain circumstances				
	☑ No				
	Is sex work criminalized in your country?				
	Selling and buying sexual services is criminalized				
	Selling sexual services is criminalized				
	☐ Buying sexual services is criminalized				
	Partial criminalization of sex work				
	☐ Other punitive regulation of sex work				
	Sex work is not subject to punitive regulations or is not criminalized.				
	☐ Issue is determined/differs at subnational level				

	Ī	İ	Ī
Does the country have laws criminalizing same-sex sexual acts?			
Yes, imprisonment (14 years - life)			
Yes, imprisonment (up to 14 years)			
✓ No penalty specified			
☐ No specific legislation			
Laws penalizing same-sex sexual acts have been decriminalized or never existed			
Does the country maintain the death penalty in law for people convicted of drug-related offenses?			
Yes, with high application (sentencing of people convicted of drug offenses to death and/or carrying out executions are a routine and mainstreamed part of the criminal justice system)			
Yes, with low application (executions for drug offenses may have been carried out in recent years, but in practice such penalties are relatively rare)			
Yes, with symbolic application (the death penalty for drug offenses is included in legislation, but executions are not carried out)			
✓ No			
Does the country have laws criminalizing the transmission of, non-disclosure of, or exposure to HIV transmission?			
Yes			
✓ No, but prosecutions exist based on general criminal laws			
□No			
Does the country have policies restricting the entry, stay, and residence of people living with HIV (PLHIV)?			
Yes			
☑ No			

	Does the country have other punitive laws affecting lesbian, gay, bisexual, transgender, and intersex (LGBTI) people?  Yes, promotion ("propaganda") laws  Yes, morality laws or religious norms that limit LGBTI freedom of expression and association			
2.7 Rights to Access Services: Recognizing the right to nondiscriminatory access to HIV services and support, does the government have efforts in place to educate and ensure the rights of PLHIV, key populations, and those who may access HIV services about these rights?	There are host country government efforts in place as follows (check all that apply):  To educate PLHIV about their legal rights in terms of access to HIV services  To educate key populations about their legal rights in terms of access to HIV services  National law exists regarding health care privacy and confidentiality protections  Government provides financial support to enable access to legal services if someone experiences discrimination, including redress where a violation is found	2.7 Score: 0.	Patient Charter	No laws but all health facilities have patient charters displayed for everyone's awareness.
2.8 Audit: Does the host country government conduct a national HIV/AIDS program audit or audit of Ministries that work on HIV/AIDS on a regular basis (excluding audits of donor funding that are through government financial systems)?	OA. No audit is conducted of the National HIV/AIDS Program or other relevant ministry.  OB. An audit is conducted of the National HIV/AIDS program or other relevant ministries every 4 years or more.  OC. An audit is conducted of the National HIV/AIDS program or other relevant ministries every 3 years or less.	2.8 Score: 1.	There is one Joint External Review of TB/HIV/Hepatitis and Modes of Trasmission currently being conducted	
<b>2.9 Audit Action:</b> To what extent does the host country government respond to the findings of a HIV/AIDS audit or audit of Ministries that work on HIV/AIDS?	A. Host country government does not respond to audit findings, or no audit of the national HIV/AIDS program is conducted.  B. The host country government does respond to audit findings by implementing changes as a result of the audit.  C. The host country government does respond to audit findings by implementing changes which can be tracked by legislature or other bodies that hold government accountable.	2.9 Score: 1.	Trasmission currently being conducted	
	Policies and Gover	nance Score: 7.	97	

provision when appropriate, advocacy efforts as n There are mechanisms for civil society to review a	an active partner in the HIV/AIDS response through service deliv needed, and as a key stakeholder to inform the national HIV/AID and provide feedback regarding public programs, services and fi rnment institutions accountable for the use of HIV/AIDS funds a	S response. scal		Data Source	Notes/Comments
3.1 Civil Society and Accountability for HIV/AIDS: Are there any laws or policies that restrict civil society from playing an oversight role in the HIV/AIDS response?	A. There exists a law or laws that restrict civil society from playing an oversight role in the HIV/AIDS response.  B. There are no laws that restrict civil society playing a role in Oproviding oversight of the HIV/AIDS response but in practice, it does not happen.  C. There are no laws or policies that prevent civil society from Oproviding an oversight of the HIV/AIDS response and civil society is very actively engaged in providing oversight.	3.1 Score:	1.67	CSO membership on CCM and CCM oversight committee. CSO engagement and participation in AIDS Development Partner Forum and PEPFAR COP development.	
	Check A, B, or C; if C checked, select appropriate disaggregates:  OA. There are no formal channels or opportunities.	3.2 Score:	1.67	PEPFAR COP planning stakeholder engagement, PEPFAR COP planning civil society engagement, AIDS Development Partner Meetings, MOH TWGs	
	B. There are formal channels or opportunities, but civil society is called upon in an ad hoc manner to provide inputs and feedback.  C. There are functional formal channels and opportunities for civil society engagement and feedback. Check all that apply:				
3.2 Government Channels and Opportunities for Civil Society Engagement: Does host country	☑During strategic and annual planning				
government have formal channels or opportunities for diverse civil society groups to	☑In joint annual program reviews				
engage and provide feedback on its HIV/AIDS policies, programs, and services (not including Global Fund CCM civil society engagement	✓ For policy development				
requirements)?	✓As members of technical working groups				
	☑Involvement on government HIV/AIDS program evaluation teams				
	☑Involvement in surveys/studies				
	✓Collecting and reporting on client feedback				
	☑Service delivery				

	Civil Society Engage	ment Score:	7.17		
	Payments are made to CSOs on time for provision of services				
Note: This sometimes referred to as "social contracting" or "social procurement."	Awards are made in a timely manner (within 6-12 months of announcements)				
at any level - national, regional, or local)?	Opportunities for CSO funding are made on an annual basis				
budget for HIV services through open competition (from any Ministry or Department,	Competition is open and transparent (notices of opportunities are made public)				
there laws, policies, or regulations in place which permit CSOs to be funded from a government	B. There is a law, policy or regulation which permits CSOs to be Ofunded from a government budget for HIV services. Check all that apply:				
3.5 Civil Society Enabling Environment: Are	A. There is no law, policy, ore rgulation which permits CSOs to be funded from a government budget for HIV Services through open competition (not to include Global Fund or other donor funding to government that goes to CSOs).	3.5 Score:	0.00	CSOs are funded by PEPFAR, Global Fund, and other donors.	
column)	E. All or almost all funding (approx. 90%+) for HIV/AIDS related civil Osociety organizations comes from domestic sources (not including Global Fund grants through government Principal Recipients).				
(if exact or approximate overall percentage known, or the percentages from the various domestic sources, please note in Comments	D. Most funding (approx. 50-89%) for HIV/AIDS related civil society organizations comes from domestic sources (not including Global Fund grants through government Principal Recipients).				
government, private sector, or self generated funds)?	C. Some funding (approx. 10-49%) for HIV/AIDS related civil society Organizations comes from domestic sources (not including Global Fund grants through government Principal Recipients).				
3.4 Domestic Funding of Civil Society: To what extent are HIV/AIDS related Civil Society Organizations funded domestically (either from	B. Minimal funding (approx. 1-9%) for HIV/AIDS related civil society Organizations comes from domestic sources (not including Global Fund grants through government Principal Recipients).				
	A. No funding (0%) for HIV/AIDS related civil society organizations comes from domestic sources.	3.4 Score:	2.50	CSO mapping by NAC	
	☐ In HIV/AIDS basket or national health financing decisions				
	☑ In service delivery				
related to HIV/AIDS:	☑ In technical decision making				
policy, programming, and budget decisions related to HIV/AIDS?	☑ In programmatic decision making				
<b>3.3 Impact of Civil Society Engagement:</b> Does civil society engagement substantively impact	☑ In policy design			activities.	
	B. Civil society's engagement impacts HIV/AIDS policy, programming, and budget decisions (check all that apply):			Partner Meetings, MOH TWGs. CSOs do service delivery for both PEPFAR and GF	
	A. Civil society does not actively engage, or civil society engagement does not impact policy, programming, and budget decisions related to HIV/AIDS.	3.3 Score:		PEPFAR COP planning stakeholder engagement, PEPFAR COP planning civil society engagement, AIDS Development	

s an active partner in the HIV/AIDS response throneeded, innovation, and as a key stakeholder to mechanisms for the private sector to engage and	local private sector (both private health care providers and private bugh service delivery provision when appropriate, advocacy effor inform the national HIV/AIDS response. There are supportive pold to review and provide feedback regarding public programs, servonse. The public uses the private sector for HIV service delivery a	ts as icies and vices and	Data Source	Notes/Comments
4.1 Government Channels and Opportunities for Private Sector Engagement: Does the host country government have formal channels and opportunities for diverse private sector entities (including service delivery, corporations, and private training institutions) to engage and provide feedback on its HIV/AIDS policies, programs, and services?  (If option B is true, check all subsequent boxes that apply.)	A. There are no formal channels or opportunities for private sector engagement.  B. There are formal channels or opportunities for private sector engagement.  i. The following private sector stakeholders formally contribute input into national or sub-national processes for HIV/AIDS planning and strategic development (check all that apply):  Corporations  Private training institutions  Private health service delivery providers  ii. Stakeholders contribute in the following ways (check all that apply):  The private sector contributes technical expertise into HIV program planning  Data and strategic input into supply chain management for HIV commodities  Service delivery and/or client satisfaction data from private service delivery providers is included in health sector and HIV program planning  Data on staffing in private health service delivery providers  Data on private training institution's human resources for health ⟨KHRH⟩ graduates and placements are included in health sector and HIV program planning  For technical advisory on best practices and delivery solutions	4.1 Score: 0.9	Private Practicioners and private corporations are active in the HIV program in Lesotho. The CCM has membership from private sector and the Ministry of Health works with private practicioners on the HIV response.	

	iii. The national HIV/AIDS strategic plan explicitly addresses private sector's role in the HIV/AIDS response (check all that apply):  The national HIV/AIDS strategic plan has a specific section that specifies the private sector's role in the HIV/AIDS response.  A recent (within past 4 years) market analysis informs the private sector strategy that is included in the HIV/AIDS strategic plan  The government and private sector effectively coordinates and executes a total market approach for HIV service delivery, which accounts for whether people are able and/or willing to pay for HIV services.			
4.2 Enabling Environment for Private Corporate Contributions to HIV/AIDS Programming: Does	Check all that apply:  Tax policies and incentives are designed to encourage corporate social responsibility efforts from companies who are contributing financial commitments and/or non-financial resources (including, but not limited to, product donations, expertise, and employee staff time).  The host country government has in-house expertise in contracting services to private sector corporations when appropriate and necessary (e.g., transportation and waste management).	4.2 Score: 1.0	While workplace prgrams are limited, HIV testing and counseling has been rolled out in many of the large factories in Lesotho which employee large numbers of people. These programs put a strong focus on linking HIV positive patients to care and treatment.	Workplace programs are limited in scope
the host country government have systems and policies in place that allow for private corporate contributions to HIV/AIDS programming?	The host country government has standards for reporting and sharing data across public and private sectors.  Regulations help ensure that workplace programs align with the national HIV/AIDS program (e.g., medical leave policies, on-site testing, on-site prevention and education, anti-discrimination policies).  There are strong linkage and referral networks between onsite workplace programs and public health care facilities.			

	A. Private health service delivery providers are not legally allowed to deliver HIV/AIDS services.			Private Practicioners and private corporations are active in the HIV	
		4.3 Score:	2.22	program in Lesotho. The CCM has	
	B. The host country government plans to allow private health Oservice delivery providers to provide HIV/AIDS services in the next			membership from private sector and the Ministry of Health works with private	
	two years.			practicioners on the HIV response.	
	C. Private health service delivery providers are legally allowed to deliver HIV/AIDS services. In addition (check all that apply):				
	Policies are in place to ensure that private providers receive,  Junderstand, and adhere to national guidelines/protocols for ART, and appropriate quality standards and certifications.				
	Systems are in place for service provision and/or research reporting by private facilities to the government, including guidelines for data reporting.				
	Joint (i.e., public-private) supervision and quality oversight of private facilities.				
4.3 Enabling Environment for Private Health Service Delivery: Does the host country government have systems and policies in place that allow for private health service delivery?	The government offers tax deductions for private facilities delivering HIV/AIDS services.				
Note: Full score possible without checking all	The government offers tax deductions for private training nstitutions.				
boxes.	The private sector is eligible to procure HIV/AIDS and/or ART commodities via public sector procurement channels and/or national medical stores				
	The host country government has formal contracting or service- vevel agreement procedures to compensate private facilities for HIV/AIDS services.				
	HIV/AIDS services received in private facilities are eligible for reimbursement through national health insurance schemes				
	There are open competitions for private health care providers to compete for government service contracts				
	There is a systematic and timely process for private company registration and/or testing of new health products (e.g., drugs, diagnostic kits, medica devices, etc.) that support HIV/AIDS programming				
	The government effectively regulates the flow of subsidized commodities into the private sector.				

<b>4.4 Private Sector Capability and Interest:</b> Does the private sector possess the capability to support HIV/AIDS services, and do private sector stakeholders demonstrate interest in supporting the national HIV/AIDS response?	A. The host country government does not leverage the skill sets of the private sector for the national HIV/AIDS response.  B. The private sector does not express interest in or actively seek out opportunities to support the national HIV/AIDS response.  C. The private sector has expertise and has expressed interest in or actively seeks out (check all that apply):  Market opportunities that align with and support the national HIV/AIDS response	4.4 Score:	0.00	aspects of the HIV response, the reviewers felt that the host country government did not fully leverage the skill sets of the private sector.	
	Opportunities to contribute financial and/or non-financial resources to the national response (including business skills, market research, logistics, communication, research and development, product design, brand awareness, and innovation)  Private Sector Engage	mont Scoro	4.13		

implementation of HIV/AIDS policies and program targets, as well as fiscal information (public revenue	t widely disseminates timely and reliable information on the is, including goals, progress and challenges towards achieving Hous, budgets, expenditures, large contract awards, etc.) related publically. Efforts are made to ensure public has access to dods of disseminating information.	d to		Source of Data	Notes/Comments
<b>5.1 Surveillance and Survey Transparency</b> : Does the host country government ensure that	A. The host country government does not make HIV/AIDS surveillance and survey data available to stakeholders and the general public, or they are made available more than one year after the date of collection.	5.1 Score:	2.00	Timeline of LePHIA release	
HIV/AIDS surveillance and survey data and analyses are made available to stakeholders and general public in a timely and useful way?	B. The host country government makes HIV/AIDS surveillance and Osurvey data available to stakeholders and the general public within 6-12 months.				
Barrers basic in a timery and ascial way:	C. The host country government makes HIV/AIDS surveillance and •survey data available to stakeholders and the general public within six months.				
	A. The host country government does not track HIV/AIDS expenditures.	5.2 Score:	1.00	Annual Joint Review (AJR)	
<b>5.2 Expenditure Transparency:</b> Does the host country government make annual HIV/AIDS	B. The host country government does not make HIV/AIDS  expenditure data available to stakeholders and the general public, or they are made available more than one year after the date of expenditures.				
expenditure data available to stakeholders and the public in a timely and useful way?	C. The host country government makes HIV/AIDS expenditure data  available to stakeholders and the general public within 6-12 months after date of expenditures.				
	D. The host country government makes HIV/AIDS expenditure data \_available to stakeholders and the general public within six months after expenditures.				
5.3 Performance and Service Delivery Transparency: Does the host country government make annual HIV/AIDS program performance and service delivery data available to stakeholders and the public in a timely and useful way?	A. The host country government does not make HIV/AIDS program performance and service delivery data available to stakeholders and the general public or they are made available more than one year after the date of programming.	5.3 Score:	1.00	DHIS 2 and LOMSHA	NAC is currently training stakeholders on LOMSHA.
	B. The host country government makes HIV/AIDS program  performance and service delivery data available to stakeholders and the general public within 6-12 months after date of programming.				
	C. The host country government makes HIV/AIDS program Operformance and service delivery data available to stakeholders and the general public within six months after date of programming .				

	A. The host country government does not make any HIV/AIDS procurements.	5.4 Score: 0.00	The Government of Lesotho procures HIV/AIDS commodities. However the details of these procurements are not publicly available.				
<b>5.4 Procurement Transparency:</b> Does the host country government make government HIV/AIDS procurements public in a timely way?	B. The host country government makes HIV/AIDS procurements, but neither procurement tender nor award details are publicly available.		avanable.				
invyales procurements public in a timery way:	C. The host country government makes HIV/AIDS procurements, and tender, but not award, details are publicly available.						
	O. The host country government makes HIV/AIDS procurements, and both tender and award details available.						
	CA. There is no government institution that is responsible for this function and no other groups provide education.	5.5 Score: 2.00	Ministry of Education and Training Website	Listed as sector objectives for the Ministry of Education and Training			
5.5 Institutionalized Education System:	OB. There is no government institution that is responsible for this function but at least one of the following provides education:		http://www.gov.ls/education/				
Is there a government agency that is explicitly responsible for providing scientifically accurate	☐ Civil society						
education to the public about HIV/AIDS?	☐ Media						
	☐ Private sector						
	©C. There is a government institution that is responsible for, and is providing, scientifically accurate information on HIV/AIDS.						
	Public Access to Information Score: 6.00						

THIS CONCLUDES THE SET OF QUESTIONS ON DOMAIN A

### **Domain B. National Health System and Service Delivery**

What Success Looks Like: Host country institutions (inclusive of government, NGOs, civil society, and the private sector), the domestic workforce, and local health systems constitute the primary vehicles through which HIV/AIDS programs and services are managed and delivered. Optimally, national, sub-national and local governments have achieved high and appropriate coverage of a range of quality, life-saving prevention, treatment, and care services and interventions. There is a high demand for HIV/AIDS services, which are accessible and affordable to poor and vulnerable populations at risk of infection (i.e. key populations, discordant couples, exposed infants), are infected and/or are affected by the HIV/AIDS epidemic.

6. Service Delivery: The host country governmer access to and linkages between facility- and com	nt at national, sub-national and facility levels facilitates planning and managen munity-based HIV services.	nent of,	Data Source	Notes/Comments
<b>6.1</b> Responsiveness of facility-based services to demand for HIV services: Do public facilities respond to and generate demand for HIV services to meet local needs? (Check all that apply.)	Public facilities are able to tailor services to accommodate demand (e.g., modify or add chours/days of operations; add/second additional staff during periods of high patient influx; customize scope of HIV services offered; adapt organization/model of service deliver to patient flow)  Public facilities are able to situate services in proximity to high-HIV burden locations or populations (e.g., mobile clinics)  There is evidence that public facilities in high burden areas and/or serving high-burden populations generate demand for HIV services	6.1 Score: 1.11	MOH DHS II and DATIM (PEPFAR) reports	At least 70% of sites are covered. It should be sustained and scaled up in other areas. VHL are charged with demand creation.  Service flexibility to address demand of services: Extra staff is still a challenge in some health centres to meet the demand for service. There is a need to sustain direct service delivery where it is happening and to scale-up where there is a gap. Labs provide extra hour shifts to increase sample processing. Donor support for additional staffing to meet the demand for services. Demand from mobile clinics is higher than the available mobile clinics, and needs to be scaled up.  Demand Creation: Health care workers at the public facilities not actively engaged in demand creation. Noted that Community health care workers and Village health care workers actively included in demand creation in the community, but do not cover all areas. However, VHW need additional support to increase demand for services from partners e.g. PSI, EGPAF, M2M, JHPIEGO, SolidaMed, LENASO, etc.
	The host country has standardized the following design and implementation		MOH Community Health Workers	No formalized mechanism for
	components of community-based HIV/AIDS services through (check all that apply):		training manuals ; MOH budget/MOH	coordination of communities in service
	Formalized mechanisms of participation by communities, high-burden populations and/or civil society engagement in delivery or oversight of services	6.2 Score: 0.74	payroll	delivery and oversight. The NAC conducted a consultative process with all community providers to define areas
	☑ National guidelines detailing how to operationalize HIV/AIDS services in communities			of coordination. Need to finalize that process in developing a coordination
	Providing official recognition to skilled human resources (e.g. community health workers) working and delivering HIV services in communities			framework. At the MOH, there is a staffing gap with the Community Manager, which has not been filled for
	☑ Providing financial support for community-based services			the last year. NAC has launched LOMSHA to enable community providers

6.2 Responsiveness of community-based HIV/AIDS services: Has the host country standardized the design and implementation of community-based HIV services? (Check all that apply.)	Supporting linkages between facility- and community-based services through formalized bidirectional referral services (e.g., use of national reporting systems to refer and monitor referrals for completeness)			to report M&E at the national level. The next step is to implement it. Supply Chain for community based services is different for different districts. There is a strucutre for accessing commodities, with a few challenges. All community providers pick from a designated health facility. Condoms are not adequately getting in to the communities. Formalized bi-directional referral between facility-community: varied based on implementing partner who are using different tools for referrals. Good efforts through partners, and there is a need to strengthen it further by having a formal national system for monitoring the completed bi-directional referrals and linkages.
<b>6.3 Domestic Financing of Service Delivery:</b> To	OA. Host country institutions provide no (0%) financing for delivery of HIV/AIDS services	6.3 Score: 0.83	CHAI resource mapping; COP 17 SDS and current Global Fund TB/HIV concept	GOL provides the ARVs, essential drugs, HRH, VHWs, and infrastructure for HIV/AIDS services.
what extent do host country institutions (public, private, or voluntary sector) finance the	$_{ m OB}^{ m B.}$ Host country institutions provide minimal (approx. 1-9%) financing for delivery of $_{ m HIV/AIDS}$ services			
delivery of HIV/AIDS services (i.e. excluding any external financial assistance from donors)?	$\ensuremath{\bullet}$ C. Host country institutions provide some (approx. 10-49%) financing for delivery of HIV/AIDS services			
(if exact or approximate percentage known, please note in Comments column)	O. Host country institutions provide most (approx. 50-89%) financing for delivery of HIV/AIDS services			
	OE. Host country institutions provide all or almost all (approx. 90%+) financing for delivery of HIV/AIDS services			

<b>6.4 Domestic Provision of Service Delivery:</b> To what extent do host country institutions (public, private, or voluntary sector) deliver HIV/AIDS services without external technical assistance from donors?	O.A. HIV/AIDS services are primarily delivered by external agencies, organizations, or institutions.  B. Host country institutions deliver HIV/AIDS services but with substantial external technical assistance.  C. Host country institutions deliver HIV/AIDS services with some external technical assistance.	6.4 Score: 0.37	COP 17 SDS, Global Fund TB/HIV concept	PEPFAR suppported partners providing direct service delivery staff in the scale-up districts (highest burden to support the scale-up ART services and attain epidemic control)
6.5 Domestic Financing of Service Delivery for Key Populations: To what extent do host country institutions (public, private, or voluntary sector) finance the delivery of HIV/AIDS services to key populations (i.e. without external financial assistance from donors)?  (if exact or approximate percentage known, please note in Comments column)	Ob. Host country institutions deliver HIV/AIDS services with minimal or no external technical assistance.  A. Host country institutions provide no or minimal (0%) financing for delivery of HIV/AIDS services to key populations.  B. Host country institutions provide minimal (approx. 1-9%) financing for delivery of HIV/AIDS services to key populations.  C. Host country institutions provide some (approx. 10-49%) financing for delivery of HIV/AIDS services to key populations.  D. Host country institutions provide most (approx. 50-89%) financing for delivery of HIV/AIDS services to key populations.  E. Host country institutions provide all or almost all (approx. 90%+) financing for delivery of HIV/AIDS services to key populations.	6.5 Score: 0.42	COP 17 SDS, Global Fund TB/HIV concept	GOL provides resources for all PLHIV in need of services. No desiganted funding allocation for KPs. They access services by default e.g. ARVs, Condoms, Lubricants. There are challenges of KP accessing health care in public health units due to stigma and legal framework. Key population focus activities implemented by organization like MANTSOPA-SW; MATRIX-MSM; PSI are all donor funded (PEPFAR and Global Fund) Stigma may prevent some key populations from seeking health care services
<b>6.6 Domestic Provision of Service Delivery for Key Populations:</b> To what extent do host country institutions (public, private, or voluntary sector) deliver HIV/AIDS services to key populations without external technical assistance from donors?	A. HIV/AIDS services to key populations are primarily delivered by external agencies, organizations, or institutions.  B. Host country institutions deliver HIV/AIDS services to key populations but with substantial external technical assistance.  C. Host country institutions deliver HIV/AIDS services to key populations with some external technical assistance.  D. Host country institutions deliver HIV/AIDS services to key populations with minimal or no external technical assistance.	6.6 Score: 0.37	COP 17 SDS, Global Fund TB/HIV concept	GOL provides resources for all PLHIV in need of services. No desiganted funding allocation for KPs. They access services by default e.g. ARVs, Condoms, Lubricants. There are challenges of KP accessing health care in public health units due to stigma and legal framework. Key population focus activities implemented by organization like MANTSOPA-SW; MATRIX-MSM; PSI are all donor funded (PEPFAR and Global Fund) Stigma may prevent some key populations from seeking health care services
6.7 National Service Delivery Capacity: Do national health authorities have the capacity to	National health authorities (check all that apply):  Translate national policies/strategies into sub-national level HIV/AIDS strategic plan and response activities.  Use epidemiologic and program data to measure effectiveness of sub-national level programs in delivering needed HIV/AIDS services in right locations.  Assess current and future staffing needs based on HIV/AIDS program goals and budget realities for high burden locations.	6.7 Score: 1.11	National Health Sector Strategic Plan 2012-2017	Lack of a HIV Program Manager at national level to manage the programme, coordinate partner support, and mobilize adequate resources for the programme for all ART sites both in scale-up and sustained

e	effectively plan and manage HIV services?	Develop sub-national level budgets that allocate resources to high burden service delivery locations.		
		☑ Effectively engage with civil society in program planning and evaluation of services.		
		Design a staff performance management plan to assure that staff working at high   □ burden sites maintain good clinical and technical skills, such as through training and/or mentorship.		

	Sub-national health authorities (check all that apply):  Translate national policies/strategies into sub-national level HIV/AIDS strategic plan and response activities.	6.8 Score:		National Health Sector Strategic Plan 2012-2017	Lack of appropriate HIV Focal Coordinators at DHMT level to support HIV care providers at hospital and facility levels. The current HIV focal
6.8 Sub-national Service Delivery Capacity: Do	Use epidemiologic and program data to measure effectiveness of sub-national level programs in delivering needed HIV/AIDS services in right locations.				persons lack clinical background and skills and therefore, unable to fully execute their role
sub-national health authorities (i.e., district, provincial) have the capacity to effectively plan					There are challenges with performance management plans, training and
and manage HIV services sufficiently to achieve sustainable epidemic control?	Develop sub-national level budgets that allocate resources to high burden service delivery locations.				mentorship capacity in some districts. This may affect program transitioning in
	☑ Effectively engage with civil society in program planning and evaluation of services.				future.
	Design a staff performance management plan to assure that staff working at high   burden sites maintain good clinical and technical skills, such as through training and/or mentorship.				
	Service Delivery Score		6.06		

national plans. Host country has sufficient numb HIV/AIDS prevention, care and treatment service	cisions for those working on HIV/AIDS are based on use of HR data and are ali ers and categories of competent health care workers and volunteers to provic ss in health facilities and in the community. Host country trains, deploys and c ugh local public and/or private resources and systems. Host country has a stra	de quality compensates	Data Source	Notes/Comments
<b>7.1 HRH Supply:</b> To what extent is the clinical health worker supply adequate to enable the volume and quality of HIV/AIDS services needed for sustained epidemic control at the facility and/or community site level?	Check all that apply:  □ The country's pre-service education institutions are producing an adequate supply and skills mix of clinical health care providers  □ The country's clinical health workers are adequately deployed to, or distributed within, facilities and communities with high HIV burden  □ The country has developed retention schemes that address clinical health worker vacancy or attrition in high HIV burden areas  □ The country's pre-service education institutions are producing an adequate supply □ and appropriate skills mix of social service workers to deliver social services to vulnerable children	7.1 Score: 0.56	Lesotho National Council , Lesotho Nurses training institutions, NEPI Program	Adequately qualified nurses but not adequately deployed. No retention schemes
<b>7.2 Role of Community-based Health Workers (CHWs):</b> To what extent are community-based health workers' roles and responsibilities specified for HIV/AIDS service delivery?	Check all that apply:  There is a national community-based health worker (CHW) cadre that has a defined  or ole in HIV/AIDS service delivery (e.g., through a national strategy or task-sharing framework/guidelines).  Data are made available on the staffing and deployment of CHWs, including non-formalized CHWs supported by donors.  The host country government officially recognizes non-formalized CHWs delivering HIV/AIDS services.	7.2 Score: 0.74	MOH-Directorate of Human resource	For the VHW the list is available
7.3 HRH transition: What is the status of transitioning PEPFAR and/or other donor supported HIV/AIDS health worker salaries to local financing/compensation?  Note in comments column which donors have transition plans in place.	OA. There is no inventory or plan for transition of donor-supported health workers  B. There is an inventory of donor-supported health workers, but no official plan to transition these staff to local support  C. There is an inventory and plan for transition of donor-supported workers, but it has not yet been implemented  D. There is an inventory and plan for donor-supported workers to be transitioned, and staff are being transitioned according to this plan  E. No plan is necessary because all HIV/AIDS health worker salaries are already locally financed/compensated	7.3 Score: 0.28	PEPFAR and GF Inventory, NGO inventory	Currently there is no retention strategy for and absorption plan for HRH funded by PEPFAR or Global fund (Counselors, Nurses, Microscopist, community focal persons).

				MOH-Directorate of Human resource	HRH MOH database
	OA. Host country institutions provide no (0%) health worker salaries	7.4 Score:	2.50	Mori Birectorate of Human resource	THAT WOTT database
7.4 Domestic funding for HRH: What proportion of health worker (doctors, nurses, midwives, and CHW) salaries are supported	OB. Host country institutions provide minimal (approx. 1-9%) health worker salaries				
with domestic public or private resources (i.e. excluding donor resources)?	Oc. Host country institutions provide some (approx. 10-49%) health worker salaries				
(if exact or approximate percentage known, please note in Comments column)	●D. Host country institutions provide most (approx. 50-89%) health worker salaries				
presser note in comments columny	OE. Host country institutions provide all or almost all (approx. 90%+) health worker salaries				
	O.A. Pre-service education institutions do not have HIV content, or HIV content used by pre-service education institutions is out of date (not updated within 3 years)	7.5 Score:		,	Affected Cadres mainly include Nurses and Lab Technologists.
7.5 Pre-service: Do current pre-service	B. Pre-service institutions have updated HIV/AIDS content within the last three years (check all that apply):				
education curricula for any health workers providing HIV/AIDS services include HIV content that has been updated in last three years?	Updated content reflects national standards of practice for cadres offering HIV/AIDS-related services				
Note: List applicable cadres in the comments column.	Institutions maintain process for continuously updating content, including HIV/AIDS content				
	☑ Updated curricula contain training related to stigma & discrimination of PLHIV				
	✓ Institutions track student employment after graduation to inform planning				
	Check all that apply among A, B, C, D:				Developmental partners providing
	$\hfill \hfill A.$ The host country government provides the following support for in-service training in the country (check ONE):	7.6 Score:	0.63	reports	support for the trainings.
	$\square_{\text{training}}^{\text{Host country government implements no (0%) HIV/AIDS related in-service}$				
7.6 In-service Training: To what extent does the host country government (through public,	Host country government implements minimal (approx. 1-9%) HIV/AIDS related in-service training				
private, and/or voluntary sectors) plan and implement HIV/AIDS in-service training	Host country government implements some (approx. 10-49%) HIV/AIDS in-service training				
necessary to equip health workers for sustained epidemic control?	Host country government implements most (approx. 50-89%) HIV/AIDS in-service training				
(if exact or approximate percentage known, please note in Comments column)	Host country government implements all or almost all (approx. 90%+) HIV/AIDS In-service training				
	B. The host country government has a national plan for institutionalizing [kestablishing capacity within local institutions to deliver) donor-supported in-service training in HIV/AIDS				
	C. The host country government requires continuing professional development, a form of in-service training, for re-licensure for key clinicians				
	D. The host country government maintains a database to track training for HIV/AIDS, and allocates training based on need (e.g. focusing on high burden areas)				

	OA. There is no HRIS in country and data on the health workforce is not collected systematically for planning and management	7.7 Score:	0.69	MOH Directorate of Human resource	
	OB. There is no HRIS in country, but some data is collected for planning and management				
	Registration and re-licensure data for key professionals is collected and used for planning and management				
7.7 HR Data Collection and Use: Does the	MOH health worker employee data (number, cadre, and location of employment) is collected and used				
country systematically collect and use health workforce data, such as through a Human	Routine assessments are conducted regarding health worker staffing at health facility and/or community sites				
Resource Information Systems (HRIS), for HIV/AIDS services and/or health workforce planning and management?	©C. There is an HRIS (an interoperable system that captures at least regulatory and deployment data on health workers) in country:				
	The HRIS is primarily financed and managed by host country institutions				
	☐ There is a national strategy or approach to interoperability for HRIS				
	The government produces HR data from the system at least annually				
	Host country institutions use HR data from the system for planning and management (e.g. health worker deployment)				
	Human Resources for Health Score		6.50		

of quality products, including drugs, lab and medi prevention, diagnosis and treatment. Host countr	ntional HIV/AIDS response ensures a secure, reliable and adequate supply and ical supplies, health items, and equipment required for effective and efficient by efficiently manages product selection, forecasting and supply planning, propretation, dispensing and waste management reducing costs while maintaining the costs while was the costs while maintaining the costs while was the costs while maintaining the costs while was the cos	: HIV/AIDS ocurement,	Data Source	Notes/Comments
8.1 ARV Domestic Financing: What is the estimated percentage of ARV procurement funded by domestic sources? (Domestic sources includes public sector and private sector but excludes donor and out-of-pocket funds)  (if exact or approximate percentage known, please note in Comments column)	<ul> <li>○A. This information is not known.</li> <li>○B. No (0%) funding from domestic sources</li> <li>○C. Minimal (approx. 1-9%) funding from domestic sources</li> <li>○D. Some (approx. 10-49%) funded from domestic sources</li> <li>⑥E. Most (approx. 50 – 89%) funded from domestic sources</li> <li>○F. All or almost all (approx. 90%+) funded from domestic sources</li> </ul>	8.1 Score: 0.63	MOH Budget, Global TB/HIV concept documents	The government of Lesotho progressively moved to finance 70% of all required ARV medicines as per FY2017/2018 budget.
8.2 Test Kit Domestic Financing: What is the estimated percentage of HIV Rapid Test Kit procurement funded by domestic sources? (Domestic sources includes public sector and private sector but excludes donor and out-of-pocket funds)  (if exact or approximate percentage known, please note in Comments column)	<ul> <li>○A. This information is not known</li> <li>○B. No (0%) funding from domestic sources</li> <li>○C. Minimal (approx. 1-9%) funding from domestic sources</li> <li>⑥D. Some (approx. 10-49%) funded from domestic sources</li> <li>○E. Most (approx. 50-89%) funded from domestic sources</li> <li>○F. All or almost all (approx. 90%+) funded from domestic sources</li> </ul>	8.2 Score: 0.42	MOH Budget, Global TB/HIV concept documents	The government of Lesotho progressively moved to finance 70% of all required ARV medicines as per FY2017/2018 budget.
8.3 Condom Domestic Financing: What is the estimated percentage of condom procurement funded by domestic (not donor) sources? Note: The denominator should be the supply of free or subsidized condoms provided to public or private sector health facilities or community based programs.  (if exact or approximate percentage known,	OA. This information is not known  OB. No (0%) funding from domestic sources  OC. Minimal (approx. 1-9%) funding from domestic sources  ●D. Some (approx. 10-49%) funded from domestic sources  ○E. Most (approx. 50-89%) funded from domestic sources		CHAI Resource mapping, Global Fund TB/HIV and PSI	Government of Lesotho budgets for Condoms but in recent years condoms are supported by Global fund . There is no condom coordination structure within MOH; Current Condom procurement is donor dependent and thus the underutilization of MOH budget.
please note in Comments column)	OF. All or almost all (approx. 90%+) funded from domestic sources			

	A. There is no plan or thoroughly annually reviewed supply chain standard operating		MOH Supply Chain Unit; 2017 TB /HIV	The MOH Supply Chain Strategic plan
	procedure (SOP).	0.46	program review reports.	draft (2013/14-2016/17) has expired.
		8.4 Score: 0.00	program review reports.	There is a plan to develop a follow-on in
	OB. There is a plan/SOP that includes the following components (check all that apply):			1
	Ob. There is a plant/50F that includes the following components (check all that apply).			2018. Creation of the MOH Supply
				Chain Coordination Unit (SCCU) and
	Human resources			support from USAID projects improved
				the standardisation and reliability of
	Training			national quantifications. There is a
				working quantification group for the
	Warehousing			MoH that carries out annual
				quantifications to inform government
	Distribution			budgeting cycle and procurements, and
				bi-annual quantification reviews to
	Reverse Logistics			inform procurements.
				· · · · · · · · · · · · · · · · · · ·
	Waste management			The MoH was able to adopt and use
				standard tools for quantification of HIV
	Information system			and TB medicines namely Quantimed™
				and QuanTB™ respectively.
	Procurement			Challenges: Inadequate system for
				monitoring and reporting of stock level
8.4 Supply Chain Plan: Does the country have	Forecasting			at facility level in the country creates
an agreed-upon national supply chain plan that				gaps in adequately knowing national
guides investments in the supply chain?	Supply planning and supervision			stock level picture for all the products
11 7				beyond NDSO level; absence of a fully
	Site supervision			
				functional national drug regulatory
				agency; multiplicity of formulations and
				pack sizes of same medicines at facility
				level creating confusion among health
				workers at time of reporting and
				ordering in addition to rational use
				challenges at patient level; significant
				delay in release of funds for
				procurement of medicines and health
				supplies and the amounts released are
				further affected by limits determined by
				quarterly release warrants from Ministry
				of finance.
	O. T		CHAI Resource mapping , Global Fund	This estimate is based on different grant
	OA. This information is not available.	8.5 Score: 0.63	TB/HIV and COP17 SDS	budgets and MOH as there is currently
R. F. Sunniu Chain Dian Financing, What is the			TB/THV dild COT 17 3D3	no costed supply chain plan
8.5 Supply Chain Plan Financing: What is the	OB. No (0%) funding from domestic sources.			no costed supply chain plan
estimated percentage of financing for the				
supply chain plan that is provided by domestic	Oc. Minimal (approx. 1-9%) funding from domestic sources.			
sources (i.e. excluding donor funds)?				
	OD. Some (approx. 10-49%) funding from domestic sources.			
(if exact or approximate percentage known,				
please note in Comments column)	E. Most (approx. 50-89%) funding from domestic sources.			
, , , , , , , , , , , , , , , , , , ,				
	OF. All or almost all (approx. 90%+) funding from domestic sources.			
			j	

8.7 Assessment: Was an overall score of above 80% achieved on the National Supply Chain Assessment or top quartile for an equivalent assessment conducted within the last three years?  (if exact or approximate percentage known, please note in Comments column)  (SA. A comprehensive assessment has not been done within the last three years but the score Owas lower than 80% (for NSCA) or in the bottom three quartiles for the global average of other equivalent assessments  (SC. A comprehensive assessment has been done within the last three years and the score was higher than 80% (for NSCA) or in the top quartile for the assessment  (SC. A comprehensive assessment has been done within the last three years and the score was higher than 80% (for NSCA) or in the top quartile for the assessment	<b>8.6 Stock:</b> Does the host country government manage processes and systems that ensure appropriate ARV stock in all levels of the system?	Check all that apply:  The group making re-supply decisions for ARVs, have timely visibility into the ARV stock on hand at facilities  Facilities are stocked with ARVs according to plan (above the minimum and below the maximum stock level) 90% of the time  MOH or other host government personnel make re-supply decisions with minimal external assistance:  Decision makers are not seconded or implementing partner staff  Supply chain data are maintained within the Ministry of Health and not solely stored by donor-funded projects  Team that conducts analysis of facility data is at least 50% host government	8.6 Score: 1.48	MOH Stock status reports	although no plan, quantification is provide by the different MOH progams (TB, HIV, Lab etc.)
' I	80% achieved on the National Supply Chain Assessment or top quartile for an equivalent assessment conducted within the last three years? (if exact or approximate percentage known,	B. A comprehensive assessment has been done within the last three years but the score Owas lower than 80% (for NSCA) or in the bottom three quartiles for the global average of other equivalent assessments  C. A comprehensive assessment has been done within the last three years and the score	8.7 Score: 0.00		

	itionalized quality management systems, plans, workforce capacities and othe hodologies are applied to managing and providing HIV/AIDS services	er key inputs		Data Source	Notes/Comments
	$\ensuremath{O_{\text{level}}}$ CA. The host country government does not have structures or resources to support site-level continuous quality improvement	9.1 Score:	0.67	MOH QA/QI unit	The structure is there but it is not functional
0.1 Suistance of a Quality Management (QNA)	●B. The host country government:				
9.1 Existence of a Quality Management (QM)  System: Does the host country government support appropriate QM structures to support continuous quality improvement (QI) at national, sub-national and site levels?	Has structures with dedicated focal points or leaders (e.g., committee, focal person, working groups, teams) at the national level, sub-national level and in a majority of sites where HIV/AIDS care and services are offered that are supporting site-level continuous quality improvement				
inational, sub-national and site levels:	☐ Has a budget line item for the QM program				
	Supports a knowledge management platform (e.g., web site) and/or peer earning opportunities available to site QI participants to gain insights from other sites and interventions				
9.2 Quality Management/Quality	OA. There is no HIV/AIDS-related QM/QI strategy	9.2 Score:	0.67	Current QI/QA plan is under review.	QI/QA plan is under review.
Improvement (QM/QI) Plan: Is there a current (updated within the last 2 years) QM/QI plan?	●B. There is a QM/QI strategy that includes HIV/AIDS, but it is not utilized				
(The plan may be HIV program-specific or include HIV program-specific elements in a national health sector QM/QI plan.)	$\ensuremath{\text{OC}}$ . There is a current QM/QI strategy that includes HIV/AIDS program specific elements, and it is partially utilized.				
mational nearth sector Qw/Qi pian.)	$\begin{tabular}{ll} OD. There is a current HIV/AIDS program specific QM/QI strategy, and it is fully utilized. \end{tabular}$				
	A. HIV program performance measurement data are not used to identify areas of patient Care and services that can be improved through national decision making, policy, or priority setting.	9.3 Score:		PHC meeting minutes from the different districts	It works in the district and site levels
9.3 Performance Data Collection and Use for	B. HIV program performance measurement data are used to identify areas of patient • care and services that can be improved through national decision making, policy, or priority setting (check all that apply):				
Improvement: Are HIV program performance measurement data systematically collected and analyzed to identify areas of patient care and services that can be improved through national decision making, policy, or priority setting?	The national quality structure has a clinical data collection system from which clocal performance measurement data on prioritized measures are being collected, aggregated nationally, and analyzed for local and national improvement				
	There is a system for sharing data at the national, SNU, and local level, with evidence that data is used to identify quality gaps and initiate QI activities				
	There is documentation of results of QI activities and demonstration of national HIV program improvement through sharing and implementation of best practices across HIV/AIDS sites at all levels				

	$\mathrm{C}_{\mathrm{QI.}}^{\mathrm{A}}$ . There is no training or recognition offered to build health workforce competency in	9.4 Score: 1.	.00	, ,	Sites have their own QI initiatives as a result of training.
<b>9.4 Health worker capacity for QM/QI:</b> Does the host country government ensure that the	There is health workforce competency-building in QI, including:				
health workforce has capacities to apply modern quality improvement methods to	Pre-service institutions incorporate modern quality improvement methods in curricula				
HIV/AIDS care and services?	National in-service training (IST) curricula integrate quality improvement training  ☑for members of the health workforce (including managers) who provide or support  HIV/AIDS services				
	The national-level QM structure:		F	Refer DHMTs and IP Reports	
	Provides oversight to ensure continuous quality improvement in HIV/AIDS care and services	9.5 Score: 0.	.57		
	Regularly convenes meetings that include health services consumers				
	Routinely reviews national, sub-national and clinical outcome data to identify and prioritize areas for improvement				
•	Sub-national QM structures:				
host country government QM system use proven systematic approaches for QI?	Provide coordination and support to ensure continuous quality improvement in HIV/AIDS care and services				
	Regularly convene meetings that includes health services consumers				
	Routinely review national, sub-national and clinical outcome data to identify and prioritize areas for improvement				
	Site-level QM structures:				
	Undertake continuous quality improvement in HIV/AIDS care and services to identify and prioritize areas for improvement				
	Quality Management Score:	4.	.24		

10. Laboratory: The host country ensures adequareagents, quality) matches the services required	ate funds, policies, and regulations to ensure laboratory capacity (workforce, for PLHIV.	equipment,	Data Source	Notes/Comments
10.1 Strategic Plan: Does the host country have a national laboratory strategic plan?	<ul> <li>A. There is no national laboratory strategic plan</li> <li>B. National laboratory strategic plan is under development</li> <li>C. National laboratory strategic plan has been developed, but not approved</li> <li>D. National laboratory strategic plan has been developed and approved</li> <li>E. National laboratory plan has been developed, approved, and costed</li> <li>F. National laboratory strategic plan has been developed, approved, costed, and implemented</li> </ul>	10.1 Score: 0.00	MOH -LAB directorate records	NO LAB Strategic plan in place. The laboratory network in Lesotho is organized in a tiered system with the NRL director providing oversight to the regional laboratories. National Reference Laboratory (NRL) provides high complexity testing and referral services to lower tiered laboratories. The regional laboratories provide referral services to district laboratories and/or health centers. The specific services offered at each level are specified detailed in the laboratory handbook. External laboratories in South Africa (NICD) and Uganda (NTBRL) serve as reference labs for HIV and TB, respectively. Sample transport system, supported by riders for health (R4H), across the tiered laboratory network
10.2 Regulations to Monitor Quality of Laboratories and Point of Care Testing (POCT) Sites: To what extent does the host country have regulations in place to monitor the quality of its laboratories and POCT sites?  (if exact or approximate percentage known, please note in Comments column)	OA. Regulations do not exist to monitor minimum quality of laboratories in the country.  OB. Regulations exist, but are not implemented (0% of laboratories and POCT sites regulated).  OC. Regulations exist, but are minimally implemented (approx 1-9% of laboratories and POCT sites regulated).  OD. Regulations exist, but are partially implemented (approx. 10-49% of laboratories and POCT sites regulated).  OE. Regulations exist and are mostly implemented (approx. 50-89% of laboratories and POCT sites regulated).  OF. Regulations exist and are fully or almost fully implemented (approx. 90%+ of laboratories and POCT sites regulated).	10.2 Score: 1.25	MOH -LAB directorate records	Laboratory Proficiency Testing_Continuous Quality Improvement is avaialable for 87% of the POCT. In 2017 the pass rate was 96%
10.3 Capacity of Laboratory Workforce: Does the host country have an adequate number of qualified laboratory personnel (human resources [HR]) in the public sector, to sustain key functions to meet the needs of PLHIV for diagnosis, monitoring treatment and viral load suppression?	A. There are not adequate qualified laboratory personnel to achieve sustained epidemic control  B. There are adequate qualified laboratory personnel to perform the following key functions:  HIV diagnosis by rapid testing and point-of-care testing  Routine laboratory testing, including chemistry, hematology, microbiology, serology, blood banking, and malaria  Complex laboratory testing, including HIV viral load, CD4 testing, and molecular assays	10.3 Score: 0.00	Based on Current funding from Global fund and COP 17 SDS. Human resource plan 2017	HR specifically Lay counselors for HIV testing and Microscopists for TB diagnosis are mostly donor-funded (Global Fund and PEPFAR). World Bank is funding some of the staff at the National TB reference lab. According to the Human resource plan for 2017, 60% of laboratory positions are vacant as a result; the workload for current staff in facilities is high.

				MOH -LAB directorate	The Lesotho National Strategy and
	OA. There is not sufficient infrastructure to test for viral load.	10.4 Score:	0.83	INIOH -LAB directorate	σ,
		20. 7 50010.	0.03		Implementation Plan for Scaling up HIV
	There is sufficient infrastructure to test for viral load, including:				Viral Load Testing for 2015/16 –
					2017/18 outlines plans to roll out and
	✓ Sufficient HIV viral load instruments				ensure routine access to viral load
	✓ All HIV viral load laboratories have an instrument maintenance program				testing for diagnosis and monitoring of
	All filt viral load laboratories have an instrument maintenance program				treatment failure in people living with
10.4 Viral Load Infrastructure: Does the host	☐ Sufficient supply chain system is in place to prevent stock outs				HIV (PLHIV) on antiretroviral treatment
country have sufficient infrastructure to test for	Sufficient supply chain system is in place to prevent stock outs				(ART) by2020. Lab equipment for Viral
viral load to reach sustained epidemic control?	☐ Adequate specimen transport system and timely return of results				load is leased from Roche. There are
					infracture challenges-strctural
					adjustments needed in some labs to
					accomodate all the equipment. There
					are challenges with reagent supply
					contractvery supplier friendly
	OA. No (0%) laboratory services are financed by domestic resources.			Resource mapping exercise.	Viral testing and Genexpert catridges
		10.5 Score:	1.67		and TB Drug resistance tests are
10.5 Domestic Funds for Laboratories: To what					financed by Global fund, World Bank
extent are laboratory services financed by	OB. Minimal (approx. 1-9%) laboratory services are financed by domestic resources.				and PEPFAR. Routine lab tests like FBC,
domestic public or private resources (i.e.					Chemistries are financed by the GOL .
excluding external donor funding)?	OC. Some (approx. 10-49%) laboratory services are financed by domestic resources.				
(if exact or approximate percentage known,	OD. Most (approx. 50-89%) laboratory services are financed by domestic resources.				
please note in Comments column)					
	OE. All or almost all (approx. 90%+) laboratory services are financed by domestic resources.				
	OL. All of almost all (approx. 3070+) laboratory services are illianced by domestic resources.				
	Laboratory Score:		3.75		

THIS CONCLUDES THE SET OF QUESTIONS ON DOMAIN B

## **Domain C. Strategic Investments, Efficiency, and Sustainable Financing**

What Success Looks Like: Host country government is aware of the financial resources required to effectively and efficiently meet its national HIV/AIDS prevention, care and treatment targets. HCG actively seeks, solicits and or generates the necessary financial resources, ensures sufficient resource commitments, and uses data to strategically allocate funding and maximize investments.

Fiscal Context for Health and HIV/AIDS		Data Source	Notes/Comments	
This section will not be assigned a score, but will provide additional contextual information to complement	the questions in Do	main C.		
. What percentage of general government expenditures goes to health?	11%		11% (1.943 bln) 2015-2016 AJR MOH	
. What is the per capita health expenditure all sources?	\$105		www.knoema.com,2014;	276 USD, WHO 2016
What is the total health care expenditure all sources as a percent of GDP?	10.60%		www.knoema.com,2014;	
. What percent of total health expenditures is financed by external resources?	52%		2014,www.worldbank.org	
what percent of total health expenditures is financed by out of pocket spending net of household ontributions to medical schemes/pre-payment schemes?	15.10%		2014,www.worldbank.org	

11. Domestic Resource Mobilization: The partner	country budgets for its HIV/AIDS response and makes adeq	uate resource		Data Source	Notes/Comments
commitments and expenditures to achieve national	al HIV/AIDS goals for epidemic control in line with its financi	al ability.			
	Check all that apply:			Program Data/report	There is no integrated social insurance
	A. Yes, there is a universal, comprehensive financing scheme that integrates social health insurance, public subsidies, and national budget provisions for public health aspects (e.g., disease surveillance). It includes the following (check all that apply):	11.1 Score:	0.32		
	✓ ARVs are covered				
	Non-ARV care and treatment is covered				
	✓ Prevention services are covered				
	B. Yes, there is an affordable health insurance scheme available (check one of the following).				
	☐ It covers 25% or less of the population.				
11.1 Long-term Financing Strategy for HIV/AIDS: Has the host country government developed a long-term financing strategy for HIV/AIDS?	☐ It covers 26 to 50% of the population.				
	☐ It covers 51 to 75% of the population.				
	☐ It covers more than 75% of the population.				
	C. The affordable health insurance scheme in (B.) includes the following (check all that apply):				
	ARVs are covered.				
	☐ Non-ARV care and treatment services are covered.				
	☐ Prevention services are covered.				
	☐ It includes public subsidies for the affordability of care.	=			

<b>11.2 Domestic Budget:</b> To what extent does the national budget explicitly account for the national HIV/AIDS response?	<ul> <li>⚠. There is no explicit funding for HIV/AIDS in the national budget.</li> <li>⑥B. There is explicit HIV/AIDS funding within the national budget.</li> <li>☑ The HIV/AIDS budget is program-based across ministries</li> <li>☐ The budget includes or references indicators of progress toward national HIV/AIDS strategy goals</li> <li>☐ The budget includes specific HIV/AIDS service delivery targets</li> <li>☑ National budget reflects all sources of funding for HIV, Including from external donors</li> </ul>	11.2 Score: 0.71	There is MTR of domestic investments, reprogramming implemented, but not based on data.  There is an HIV/AIDS cost center in the budget, but it focuses fully on the purchasing of ARVs.	There is no information on line ministries compliance to 2% allocation for HIV/AIDS, only key major donors are accounted for at national level
			National Budget Speech 2017/18, for	
	C. There are no HIV/AIDS goals/targets articulated in the national budget	11.3 Score: 0.48	example targets are Test & Treat and LePhiA	
	B. There are HIV/AIDS goals/targets articulated in the national budget.		ECITIA	
11.3 Annual Goals/Targets: To what extent does	☐ The goals/targets are measurable.			
the national budget contain HIV/AIDS goals/targets?	☐ Budget items/programs are linked to goals/targets.			
	The goals/targets are routinely monitored during budget execution.			
	The goals/targets are routinely monitored during the development of the budget.			
11.4 HIV/AIDS Budget Execution: For the previous three years, what was the average execution rate	•A. There is no HIV/AIDS budget, or information is not available.	11.4 Score: 0.00	Information on execution rate is not available yet	
for budgeted domestic HIV/AIDS resources (i.e. excluding any donor funds) at both the national	OB. 0-49% of budget executed			
and subnational level?	Cc. 50-69% of budget executed			
(If subnational data does not exist or is not available, answer the question for the national level. Note level covered in the comments	OD. 70-89% of budget executed			
column)	E. 90% or greater of budget executed			

11.5 Donor Spending: Does the Ministry of Health or Ministry of Finance routinely, and at least on an annual basis, collect all donor spending in the health sector or for HIV/AIDS-specific services?	A. Neither the Ministry of Health nor the Ministry of Finance routinely © collects all donor spending in the health sector or for HIV/AIDS-specific services.  B. The Ministry of Health or Ministry of Finance routinely collects all donor spending for only HIV/AIDS-specific services.  C. The Ministry of Health or Ministry of Finance routinely collects all donor spending all the entire health sector, including HIV/AIDS-specific services.		Resource mapping data, MoH Q-ter and AR on capital budget. (CHAI is no longer supporting resource mapping. It is currently owned by the MoH but there is uncertainty if it will be carried out again)				
	A. None (0%) is financed with domestic funding.	11.6 Score: 1.6	UNAIDS data book 2014 (out of pocket under). 7 This is unknown.				
11.6 Domestic Spending: What percent of the annual national HIV response is financed with domestic public and domestic private sector HIV	(B. Very liitle (approx. 1-9%) is financed with domestic funding.						
funding? (Domestic funding excludes out-of- pocket, Global Fund grants, and other donor resources)?	<b>●</b> C. Some (approx. 10-49%) is financed with domestic funding.						
(if exact or approximate percentage known, please note in Comments column)	OD. Most (approx. 50-89%) is financed with domestic funding.						
	$\bigcirc_{\text{funding.}}^{\text{E.}}$ All or almost all (approx. 90%+) is financed with domestic funding.						
	A. There is no budget for health or no money was allocated.	11.7 Score: 0.9	- 91.7% ( allocation 1.75bln ; exp 5 1.61bln), AJR 2016.				
11.7 Health Budget Execution: What was the	OB. 0-49% of budget executed.		95%, 2017 WB Public Expenditure Review (PER)				
country's execution rate of its budget for health in the most recent year's budget?	C. 50-69% of budget executed.						
	OD. 70-89% of budget executed.						
	<b>©</b> E. 90% or greater of budget executed.						
	●A. There is no system for funding cycle reprogramming.	11.8 Score: 0.0	there is MTR of domestic of investments, reprogramming, implemented, but not based on data				
11.8 Data-Driven Reprogramming: Do host country government policies/systems allow for	B. There is a policy/system that allows for funding cycle reprogramming, but is seldom used.		implemented, but not based on data				
reprograming domestic investments based on new or updated program data during the government funding cycle?	C. There is a policy/system that allows for funding cycle reprogramming and reprogramming is done as per the policy, but not based on data.						
	<ul> <li>D. There is a policy/system that allows for funding cycle oreprogramming and reprogramming is done as per the policy, and is based on data.</li> </ul>						
	Domestic Resource Mobilization Score: 4.13						

health workforce, and economic data to inform HIV choose which high impact program services and int and what populations demonstrate the highest nee	country analyzes and uses relevant HIV/AIDS epidemiologically/AIDS investment decisions. For maximizing impact, data are terventions are to be implemented, where resources should and should be targeted (i.e. the right thing at the right plaken to improve HIV/AIDS outcomes within the available resoftewer resources).	re used to be allocated, ace and at the	Data Source	Notes/Comments
12.1 Resource Allocation Process: Does the partner country government utilize a recognized data-driven model to inform the allocation of domestic (i.e. non-donor) public HIV resources?  If yes, please note in the comments section when the model was last used and for what purpose (e.g., for Global Fund concept note development)  (note: full score achieved by selecting one checkbox)	A. The host country government does not use one of the mechanisms listed below to inform the allocation of their resources.  B. The host country government does use the following mechanisms to inform the allocation of their resources (check all that apply):  Doptima  Spectrum (including EPP and Goals)  AIDS Epidemic Model (AEM)  Modes of Transmission (MOT) Model  Other recognized process or model (specify in notes column)	12.1 Score: 0.0		
12.2 Geographic Allocation: Of central government HIV-specific resources (excluding any donor funds) allocated to geographic subunits in the most recent year available, what percentage is being allocated in the highest burden geographic areas (i.e. districts that cumulatively account for 80% of PLHIV)?  (if exact or approximate percentage known, please note in Comments column)	<ul> <li>A. Information not available.</li> <li>B. No resources (0%) are targeting the highest burden geographic areas.</li> <li>C. Minimal resources (approx. 1-9%) are targeting the highest burden geographic areas.</li> <li>D. Some resources (approx. 10-49%) are targeting the highest burden geographic areas.</li> <li>E. Most resources (approx. 50-89%) are targeting the highest burden geographic areas.</li> <li>F. All or almost all resources (approx. 90%+) are targeting the highest burden geographic areas.</li> </ul>	12.2 Score: 1.0	All geographic areas received resources.  Maseru is receiving the majority of funding, as it also has the highest disease burden. The specifics are not known but this is an estimate.	

	A The best construction and the section of the sect		NSP, donor program	1
	A. The host country government does not have/use recent expenditure data or cost analysis to estimate unit costs	12.3 Score: 2.00		
	B. The host country government uses recent expenditure data or cost analysis to estimate unit costs for (check all that apply):	2.00		
12.3 Unit Costs: Does the host country government use recent expenditure data or cost	✓ HIV Testing			
analysis (i.e. data from within the last three years) to estimate unit costs of HIV/AIDS services for	✓ Laboratory services			
budgeting or planning purposes?	☑ ART			
(note: full score can be achieved without checking all disaggregate boxes).	☑ PMTCT			
	√ VMMC			
	☑ OVC Service Package			
	☐ Key population Interventions			
			T&T, CAG, MC, MMD, EH, MOC, same	
	Check all that apply:		date ART	
	Improved operations or interventions based on the findings of cost-effectiveness or efficiency studies	12.4 Score: 1.33		
	Reduced overhead costs by streamlining management			
	Lowered unit costs by reducing fragmentation, i.e. pooled procurement, resource pooling, etc.			
	☑ Improved procurement competition			
12.4 Improving Efficiency: Has the partner country achieved any of the following efficiency improvements through actions taken within the	Integrated HIV/AIDS into national or subnational insurance schemes (private or public need not be within last three years)			
last three years?	Integrated HIV into primary care services with linkages to specialist care (need not be within last three years)			
	Integrated TB and HIV services, including ART initiation in TB  Irreatment settings and TB screening and treatment in HIV care settings (need not be within last three years)			
	Integrated HIV and MCH services, including ART initiated and maintained in eligible pregnant and postpartum women and in Infants at maternal and child health care settings (need not be within last three years)			
	Peveloped and implemented other new and more efficient models of HIV service delivery (specify in comments)			

	CA. Partner government did not pay for any ARVs using domestic resources in the previous year.	12.5 Score:	2.00	check the source (NDSO)	
12.5 ARV Benchmark prices: How do the costs of ARVs (most common first line regimen) purchased	B. Average price paid for ARVs by the partner government in the Oprevious year was more than 50% greater than the international benchmark price for that regimen.				
in the previous year by the partner government using domestic resources compare to international benchmark prices for that year?	C. Average price paid for ARVs by the partner government in the Oprevious year was 10-50% greater than the international benchmark price for that regimen.				
(Use the "factory cost" of purchased commodities, excluding transport costs, distribution costs, etc.)	D. Average price paid for ARVs by the partner government in the Oprevious year was 1-10% greater than the international benchmark price for that regimen.				
	E. Average price paid for ARVs by the partner government in the oprevious year was below or equal to the international benchmark price for that regimen.				
Technical and Allocative Efficiencies Score: 6.33					

THIS CONCLUDES THE SET OF QUESTIONS ON DOMAIN C

## **Domain D: Strategic Information**

What Success Looks Like: Using local and national systems, the host country government collects, analyzes and makes available timely, comprehensive, and quality HIV/AIDS data (including epidemiological, economic/financial, and performance data) that can be used to inform policy, program and funding decisions.

13.Epidemiological and Health data: Host Country Government routinely collects, analyzes and makes available data on the HIV/AIDS epidemic and its effects on health outcomes. HIV/AIDS epidemiological and health data include size estimates of key populations, PLHIV, HIV incidence, HIV prevalence, viral load and AIDS-related mortality rates.				Data Source	Notes/Comments
13.1 Who Leads General Population Surveys & Surveillance: To what extent does the host country government lead and manage planning and implementation of the HIV/AIDS portfolio of general population epidemiological surveys and/or surveillance activities (population-based household surveys, case reporting/clinical surveillance, drug resistance surveillance, etc.)?	A. No HIV/AIDS general population surveys or surveillance activities have been conducted within the past 5 years  B. Surveys & surveillance activities are primarily planned and implemented by external agencies, organizations or institutions  C. Surveys & surveillance activities are planned and implemented by the host country government/other domestic institution, with substantial technical assistance from external agencies  D. Surveys & surveillance activities are planned and implemented by the host country government/other domestic institution, with some technical assistance from external agencies  E. Surveys & surveillance activities are planned and implemented by the host country Ogovernment/other domestic institution, with minimal or no technical assistance from external agencies	13.1 Score:		Protocols for DHS, LEPHIA, ANC, Cohort Analysis	DHS/Sentinel/PHIA-coordinate, provides leadership, planning by Ministry with financial support and technical input from partners
13.2 Who Leads Key Population Surveys & Surveillance: To what extent does the host country government lead & manage planning and implementation of the HIV/AIDS portfolio of key population epidemiological surveys and/or behavioral surveillance activities (IBBS, size estimation studies, etc.)?	CA. No HIV/AIDS key population surveys or surveillance activities have been conducted within the past 5 years  B. Surveys & surveillance activities are primarily planned and implemented by external agencies, organizations or institutions  C. Surveys & surveillance activities are planned and implemented by the host country government/other domestic institution, with substantial technical assistance from external agencies  D. Surveys & surveillance activities are planned and implemented by the host country government/other domestic institution, with some technical assistance from external agencies  E. Surveys & surveillance activities are planned and implemented by the host country Ogovernment/other domestic institution, without minimal or no technical assistance from external agencies	13.2 Score:	0.24	ToR for Currrent IBBS developed by PACT. Report for previous study done in 2015.	Key pop survey done by PSI in 2015, PACT is currently planning the next survey. Government in the technical committee but not planned by Government. PACT planning and financing
13.3 Who Finances General Population Surveys & Surveillance: To what extent does the host country government fund the HIV/AIDS portfolio of general population epidemiological surveys and/or surveillance activities (e.g., protocol development, printing of paper-based tools, salaries and transportation for data collection, etc.)?  (if exact or approximate percentage known, please note in Comments column)	A. No HIV/AIDS general population surveys or surveillance activities have been conducted within the past 5 years  (B. No financing (0%) is provided by the host country government  (C. Minimal financing (approx. 1-9%) is provided by the host country government  (D. Some financing (approx. 10-49%) is provided by the host country government  (E. Most financing (approx. 50-89%) is provided by the host country government  (F. All or almost all financing (90% +) is provided by the host country government	13.3 Score:	0.42	Protocols/Budgets	PHIA/ANC Sentinel completely funded by partners. The proportion fluctuates, for DHIS for example. However Government plays role in terms of human resources. The government budgeting process is done in line with partner's budgets to avoid duplication. Government provides technical assistance and management.

	T			Destruction destruction	[All
	A. No HIV/AIDS key population surveys or surveillance activities have been conducted within the past 5 years			Protocols/Budgets	All supported by PSI (2015), PACT
	within the past 5 years	13.4 Score:	0.42		(current) - governments contributon is staff time (human resource)
13.4 Who Finances Key Populations		13.4 30010.	0.42		stair time (numair resource)
Surveys & Surveillance: To what extent	OB. No financing (0%) is provided by the host country government				
does the host country government fund the					
HIV/AIDS portfolio of key population					
epidemiological surveys and/or behavioral surveillance activities (e.g., protocol	©C. Minimal financing (approx. 1-9%) is provided by the host country government				
development, printing of paper-based					
tools, salaries and transportation for data	OD. Some financing (approx. 10-49%) is provided by the host country government				
collection, etc.)?					
	OF Most financing (appears 50,900/) is avoided by the heat sountry government				
(if exact or approximate percentage known, please note in Comments column)	©E. Most financing (approx. 50-89%) is provided by the host country government				
known, piease note in comments column)					
	OF. All or almost all financing (approx. 90% +) is provided by the host country government				
	Check ALL boxes that apply below. (A.) refers to prevalence data. (B.) refers to incidence data:	13.5 Score:	0.67	DHIS2, Specific surveys, Priority populations (only AGYW) sample six	For priority population only at AGYW, clients of sex workers. Key populations
		13.3 30016.	0.07	arge enough to extrapolate to	study was done only at 2 districts
	A. The host country government collects at least every 5 years HIV prevalence data disaggregated by:		opulations unlike other priority	Maseru and Leribe. Need for national	
				populations.	prevalence study for key populations. The current study conducted by PACT in
	☐ Age (at coarse disaggregates)			1	
	✓ Age (at fine disaggregates)				4 districts Berea, Mafeteng, Leribe and
	☑ Sex				Maputose.
					LDHS Incidence was not for key
13.5 Comprehensiveness of Prevalence	✓ Key populations (FSW, PWID, MSM, TG, prisoners)				populations, not disaggregated by age,
and Incidence Data: To what extent does	Priority populations (AGYW, clients of sex workers, military, mobile populations, non-				districts. Only for the general
the host country government collect HIV prevalence and incidence data according to	injecting drug users)				populations and it was disaggregated by
relevant disaggregations, populations and	Sub-national units				sex. LEPHIA has incidence by age groups, sex, subnational. Incidence has
geographic units?	_				not been measured for key populations.
	B. The host country government collects at least every 5 years HIV incidence disaggregated by:				
(Note: Full score possible without selecting					
all disaggregates.)	✓ Age (at coarse disaggregates)				
	☐ Age (at fine_disaggregates)				
	☑ Sex				
	☐ Key populations (FSW, PWID, MSM, TG, prisoners)				
	Priority populations (AGYW, clients of sex workers, military, mobile populations, non-injecting drug users)				
	Sub-national units				

13.6 Comprehensiveness of Viral Load Data: To what extent does the host country government collect/report viral load data according to relevant disaggregations and across all PLHIV?  (if exact or approximate percentage known, please note in Comments column)	A. The host country government does not collect/report viral load data or does not conduct viral load monitoring  B. The host country government collects/reports viral load data (answer both subsections below):  According to the following disaggregates (check ALL that apply):  Age  Sex  Key populations (FSW, PWID, MSM, TG, prisoners)  Priority populations (AGYW, clients of sex workers, military, mobile populations, non-injecting drug users)  For what proportion of PLHIV (select ONE of the following):  Less than 25%  25-50%  Jo-75%  More than 75%	13.6 Score:	0.60	DHIS2	LMIS data disaggregated by age and sex.
13.7 Comprehensiveness of Key and Priority Populations Data: To what extent does the host country government conduct IBBS and/or size estimation studies for key and priority populations? (Note: Full score possible without selecting all disaggregates.) Please note most recent survey dates in comments section.	✓ Prisoners	13.7 Score:	0.83	DHS 2014	There is no national study that has been conducted. Only few districts.  Mathematical extrapolation for the national size estimation in the 2015 study. For AGYW can use the census data.  IBBS only planned for key pops. No IBBS specifically planned for priority pops; further analysis can be done from DHIS data. Mathematical extrapolation for the districts not Maseru and Leribe. For prisoners - data is available from census/prison records- same for AGYW(census)

13.8 Timeliness of Epi and Surveillance Data: To what extent is a timeline for the collection of epidemiologic and surveillance data outlined in a national HIV/AIDS surveillance and survey strategy (or a national surveillance and survey strategy with specifics for HIV)?	A. There is no national HIV surveillance and surveys strategy, or a national surveillance and surveys strategy exists but does not include specifics for HIV surveillance and surveys  B. A national HIV surveillance and surveys strategy exists (or a national surveillance and surveys  Strategy exists and includes specifics for HIV), but the strategy does not outline a timeline for data collection for all relevant population groups  C. A national HIV surveillance and surveys strategy exists (or a national surveillance and surveys strategy exists and includes specifics for HIV), and outlines a timeline for data collection for all relevant population groups	13.8 Score:	0.48	Research agendas, M&E plan for health and HIV, health strategy	
	A. No governance structures, procedures or policies designed to assure surveys & surveillance data quality exist/could be documented.  B. The following structures, procedures or policies exist to assure quality of surveys & surveillance	13.9 Score:	0.48	Research unit at MOH, NAC	
	data (check all that apply):				
13.9 Quality of Surveillance and Survey Data: To what extent does the host country government define and implement policies,	—surveillance data				
procedures and governance structures that assure quality of HIV/AIDS surveillance and	A national, approved surveys & surveillance strategy is in place, which outlines standards, policies and procedures for data quality assurance				
survey data?	Standard national procedures & protocols exist for reviewing surveys & surveillance data for quality and sharing feedback with appropriate staff responsible for data collection				
	An in-country internal review board (IRB) exists and reviews all protocols.				
	Epidemiological and Health Data Score:	1	4.60	1	

The state of the s	nt collects, tracks and analyzes and makes available financial data related to HIV/AI enditures from all financing sources, costing, and economic evaluation, efficiency a			Data Source	Notes/Comments
14.1 Who Leads Collection of Expenditure Data: To what extent does the host country government lead & manage a national expenditure tracking system to collect HIV/AIDS expenditure data?	OA. No tracking of public HIV/AIDS expenditures has occurred within the past 5 years  B. Collection of public HIV/AIDS expenditure data occurs using a standard tool (i.e. NASA, NHA), Obut planning and implementation is primarily led by external agencies, organizations, or institutions  C. Collection of public HIV/AIDS expenditure data occurs using a standard tool (i.e. NASA, NHA)  and planning and implementation is led by the host country government, with substantial external technical assistance  D. Collection of public HIV/AIDS expenditure data occurs using a standard tool (i.e. NASA, NHA)  and planning and implementation is led by the host country government, with some external technical assistance  E. Collection of public HIV/AIDS expenditure data occurs using a standard tool (i.e. NASA, NHA), Oand planning and implementation is led by the host country government, with minimal or no external technical assistance	14.1 Score:	1.67	Resource tracking tool	
14.2 Comprehensiveness of Expenditure Data: To what extent does the host country government collect HIV/AIDS public sector expenditures according to funding source, expenditure type, program and geographic area?	OA. No HIV/AIDS expenditure tracking has occurred within the past 5 years  ■B. HIV/AIDS expenditure data are collected (check all that apply):  □ By source of financing, such as domestic public, domestic private, out-of-pocket, Global Fund, PEPFAR, others  □ By expenditures per program area, such as prevention, care, treatment, health systems strengthening  □ By type of expenditure, such as training, overhead, vehicles, supplies, commodities/reagents, personnel  □ Sub-nationally	14.2 Score:	2.50	PSHER: Public Health Sector Expenditire Review 2017 conducted by CHAI	
14.3 Timeliness of Expenditure Data: To what extent are expenditure data collected in a timely way to inform program planning and budgeting decisions?	OA. No HIV/AIDS expenditure data are collected  OB. HIV/AIDS expenditure data are collected irregularly, and more than 3 years ago  ●C. HIV/AIDS expenditure data were collected at least once in the past 3 years  OB. HIV/AIDS expenditure data are collected annually but represent more than one year of expenditures  OB. HIV/AIDS expenditure data are collected annually and represent only one year of expenditures	14.3 Score:	1.67	· · · · · · · · · · · · · · · · · · ·	Available from planning unit: Can pull out HIV expenditure from the government public health expenditure.
	Financial/Expenditure Data Score	:	5.83		

	y collects, analyzes and makes available HIV/AIDS service delivery data. Service del coverage of key interventions, results against targets, and the continuum of care a e and retention.		Data Source	Notes/Comments
15.1 Who Leads Collection of Service Delivery Data: To what extent is the routine collection of HIV/AIDS service delivery data institutionalized in an information system and managed and operated by the host country government?	A. No system exists for routine collection of HIV/AIDS service delivery data  B. Multiple unharmonized or parallel information systems exist that are managed and  poperated separately by various government entities, local institutions and/or external agencies/institutions  C. One information system, or a harmonized set of complementary information Systems, exists and is primarily managed and operated by an external agency/institution  D. One information system, or a harmonized set of complementary information Systems, exists and is managed and operated by the host country government with technical assistance from external agency/institution  ○E. One information system, or a harmonized set of complementary information systems, exists and is managed and operated by the host country government	15.1 Score: 0.:	data flows through different channels thereafter  HIV M&E Framework  National HIV paper based tools  National Data Warehouse	Need for data alignment. The primary data collection is the same however different partners have their own service delivery tool.  Need to have clear similar definitions for targets. The national HIV/AIDS program has standardized paper based M&E tools (patient level, registers and reports) the standardized reporting tools are incorporated into the national electronic information system (data warehouse-DHIS 2)
15.2 Who Finances Collection of Service Delivery Data: To what extent does the host country government finance the routine collection of HIV/AIDS service delivery data (e.g., salaries of data clerks/M&E staff, printing & distribution of paper-based tools, electronic reporting system maintenance, data quality	OA. No routine collection of HIV/AIDS service delivery data exists  OB. No financing (0%) is provided by the host country government  OC. Minimal financing (approx. 1-9%) is provided by the host country government  OD. Some financing (approx. 10-49%) is provided by the host country government	15.2 Score: 1.0	the government. Data clerks supported by external agencies	Majority of staff costs for collection of primary clinical data are supported by the government. Nurses/Doctors do Bukana; nurse do care card; data clerk do registers; nurse/ data clerk do tallying; data clerk do report; data clerk do DHIS
supervision, etc.)? (if exact or approximate percentage known, please note in Comments column)	OE. Most financing (approx. 50-89%) is provided by the host country government  OF. All or almost all financing (90% +) is provided by the host country government			Data clerks supported by external agencies Recommend finer bands for percentages

			National TB and HIV strategic plan	OVC data at Min of Planning and
	Check ALL boxes that apply below:	15.3 Score: 1.1	1 HIV M&E Framework	development
15.3 Comprehensiveness of Service Delivery Data: To what extent does the host country government collect HIV/AIDS service delivery data by population, program and geographic area? (Note: Full score possible without selecting all disaggregates.)	A. The host country government routinely collects & reports service delivery data for:			AIDS related mortality not collected
	☑ HIV Testing			HIV/AIDS service delivery data is collected by age and sex, from all facility
	☑ PMTCT			and community sites.
	☑ Adult Care and Support			
	☑ Adult Treatment			
	☑ Pediatric Care and Support			
	☑ Orphans and Vulnerable Children			
	✓ Voluntary Medical Male Circumcision			
	☑ HIV Prevention			
	☐ AIDS-related mortality			
	☑ B. Service delivery data are being collected:			
	☐ By key population (FSW, PWID, MSM, TG, prisoners)			
	By priority population (AGYW, clients of sex workers, military, mobile populations, non- injecting drug users)			
	☑ By age & sex			
	From all facility sites (public, private, faith-based, etc.)			
	From all community sites (public, private, faith-based, etc.)			

	△ The host country government does not routinely collect/report HIV/AIDS service delivery			National TB and HIV strategic plan	Health facilities collect and report
<b>15.4 Timeliness of Service Delivery Data:</b> To what extent are HIV/AIDS service delivery data collected in a timely way to inform analysis of program performance?	OA. The host country government does not routinely collect/report HIV/AIDS service delivery data	15.4 Score:	1.33	HIV M&E Framework	HIV/AIDS service delivery data on a
	OB. The host country government collects & reports service delivery data annually				monthly basis
	Oc. The host country government collects & reports service delivery data semi-annually				
	●D. The host country government collects & reports service delivery data at least quarterly				
15.5 Analysis of Service Delivery Data: To what extent does the host country government routinely analyze service delivery data to measure program performance (i.e., continuum of care cascade, coverage, retention, AIDS-related mortality rates)?	OA. The host country government does not routinely analyze service delivery data to measure program performance	15.5 Score: 1.0	1.00	Annual Joint Review National Data ware house- DHIS 2	On monthly basis performance on the National indicators are analysed and displayed on DHIS 2 dashboard; provide performance/results by all the checked options
	B. Service delivery data are being analyzed to measure program performance in the following ways (check all that apply):				
	Continuum of care cascade for each identified priority population (AGYW, clients of lex workers, military, mobile populations, non-injecting drug users), including HIV testing, linkage to care, treatment, adherence and retention				Additionally DHIS 2 dashboard provides care cascades for HIV Care and Treatment, PMTCT, TB and TB/HIV
	Continuum of care cascade for each relevant key population (FSW, PWID, MSM, TG, prisoners), including HIV testing, linkage to care, treatment, adherence and retention				
	✓ Results against targets				
	Coverage of key treatment & prevention services (ART, PMTCT, VMMC, etc.)				
	✓ Site-specific yield for HIV testing (HTC and PMTCT)				
	☐ AIDS-related mortality rates				
	✓ Variations in performance by sub-national unit				
	Creation of maps to facilitate geographic analysis				
15.6 Quality of Service Delivery Data: To what extent does the host country government define and implement policies, procedures and governance structures that assure quality of HIV/AIDS service delivery data?	OA. No governance structures, procedures or policies designed to assure service delivery data quality exist/could be documented.	15.6 Score: 1.07	The national M&E framework and the National RDQA tools	The national M&E framework exist and guide on routine data quality assurance ((RDQA); outlines the responsibilties and	
	B. The following structures, procedures or policies exist to assure quality of service delivery data (check all that apply):				the frequency at which RDQA should be conducted.
	A national, approved data quality strategy is in place, which outlines standards, policies and procedures for HIV/AIDS data quality assurance				Observation is that RDQA is not conducted at the expected frequency. It was ususually conducted annually (just
	A national protocol exists for routine (at least annual) Data Quality Audits/Assessments of Wkey HIV program indicators, which are led and implemented by the host country government				before compiling results for AJR). Recently DHMTS have decided to conduct RDQA on quarterly basis and
	Standard national procedures & protocols exist for routine data quality checks at the point of data entry				the first RDQA was done in October 2017
	Data quality reports are published and shared with relevant ministries/government entities & partner organizations				
	The host country government leads routine (at least annual) data review meetings at national & subnational levels to review data quality issues and outline improvement plans				
	Performance Data Score	•	6.51		

THIS CONCLUDES THE SET OF QUESTIONS ON DOMAIN D