National Supply Chain Assessment
Measuring public health supply chain capability and performance

What is the National Supply Chain Assessment?
The National Supply Chain Assessment is a comprehensive tool kit that assesses the capability and performance at all levels of a health supply chain. The results of the assessment help supply chain managers and implementing partners develop strategic and operational plans and monitor whether activities are achieving expected outcomes. The assessment informs two key processes:

Evidence-based planning & decision-making:
- Informs country and donor decision-making, by identifying and prioritizing key supply chain areas requiring systems strengthening.
- Helps determine which capacity building activities will ensure a strong return on investment (ROI), both in terms of value for money and impact on health outcomes.

Performance Management:
- Provides comprehensive view of supply chain capability maturity and current performance.
- Serves as a baseline, midline and endline assessment for capability and performance.

Results from a National Supply Chain Assessment provide a comprehensive, quantitative picture of capability and performance of the supply chain. The detailed information provided by the assessment allows key stakeholders to validate qualitative understanding of the current state of a supply chain, highlighting whether a it is underperforming, meeting expectations or exceeding the expected performance for the capability maturity of the system.

Components of the National Supply Chain Assessment
The National Supply Chain Assessment consists of three tools that measure the enabling environment, capability maturity and performance of a health supply chain.

Environmental Profile
The environmental profile is a qualitative tool that guides an assessment of the enabling environment that the supply chain operates within. It covers topics such as policies, the donor landscape, financing, supply base, infrastructure and political influences.

Capability Maturity Model (CMM) Diagnostic Tool
The CMM is a quantitative diagnostic tool that assesses the capability maturity of a supply chain at multiple levels, from the central level to service delivery points (SDP), and across the functional areas such as forecasting & supply planning, procurement, warehousing & inventory management and transportation and cross-cutting organizational elements (enablers) such as human resources and infrastructure. Capability is benchmarked against five established maturity levels, adapted from private sector best practice to fit the public health context.

Supply Chain KPI Assessment
The Supply Chain KPI Assessment is a set of indicators that comprehensively measure the performance of a health supply chain at both the outcome and process levels, addressing overarching performance and the performance of specific functional areas.
**Resources Required**

The resources required for each assessment will be determined by the scope of the assessment, i.e. the number of sites visited, supply chain areas assessed, timeframe, human capital and budget available. For each assessment there are three general areas to consider when resourcing the assessment.

**Human Resources**

Each data collection team will require 2-3 people. Ideally the assessment team should include ministry personnel, donor staff and external consultant(s) with technical expertise and data analysis/monitoring and evaluation skills.

**Timeframe**

Assessments are typically completed within a four to five-week time frame, with two to three weeks in-country by the external consultants.

**Budget**

Budget will be dependent on the scope of the assessment. Costs to include are four to five weeks level of effort (LOE) for at least three resources and travel costs.

**Outputs**

After analyzing the results of the assessment, implementers can expect two outputs including a standardized dashboard and country specific data visualization and analysis. These outputs are designed to facilitate stakeholder decision-making or performance management.

**Dashboard**

The dashboard gives a high-level overview of the assessment results for both capability and performance. This one page document is a good communications tool for stakeholders.

**Country specific Analysis**

Using the excel data collection tool or access database, additional detailed analysis of the assessment results can be completed. This deeper analysis provides additional context to the results by sorting data by product type, geographical location or specific time periods. Assessment teams can tailor this analysis to the needs of stakeholders.

The SCMS NSCA Tool was developed in collaboration with PEPFAR, USAID│DELIVER Project and SIAPS Program.

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