Session 9

DV/SA at the District Level
To understand the methods and tools used to conduct the DQR at district Level;

• Learn the techniques for data verification and at the district level for priority indicators

• Understand the contents of the system assessment module of the DQR health facility assessment at district level

• Learn to use DV/SA at the District (paper and electronic) for use at district level for the DQR.
DISTRICT LEVEL UNIT IDENTIFICATION

- Enter the date of the assessment at the facility
- Enter the name of the interviewer
- Include location of the facility
- With the facility in-charge (or manager), read the text and sign indicating informed consent has been obtained.
- Enter the start time of the interview.

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Notice the first question (DVD_010);
  
  o We need to know whether the reporting from facilities is “integrated” or program specific.
  
  o If all data for the different health programs are entered / aggregated by the same team at the district office (i.e. “Yes”), then the reporting is integrated and all questions can be asked of the same staff, once. Proceed to question DVD_011, integrated system assessment.
  
  o If the reporting is program-specific, (i.e. “No”) the different staff managing data for the different health programs will all need to be interviewed. Jump to question DVD_100.
Sections of System Assessment:

• **Reporting of Data** – how the district handles reports received from facilities; when are reports due?

• **Availability of Trained Staff** – does the district office have adequate numbers of trained staff with specific responsibilities for data quality?

• **Availability of Guidelines** – does the district office have (observable) written guidance for data management, data quality control, and using data for action?

• **Availability of reporting forms** – does the district supply facilities with blank forms; are there stock-outs of forms; does the district provide feedback to reporting sites?
Need to include information about the single systems assessment vs. program specific systems assessment -- see updated questionnaire for more information

Ashley Sheffel, 12/9/2019
Sections of System Assessment:

Analysis and use of data

- Does the district prepare and maintain data visuals?
- Does the district produce reports of analyzed data (e.g. bulletins)?
- Follow-up actions based on evidence?
- Does the district use HMIS data:
  - For performance evaluations?
  - For Planning?
Data Verification at the District Level

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Document review
Data verification tool

- Used to examine, at district level, the reporting completeness, timeliness, and accuracy of monthly or quarterly reports received from the health facilities

- Note: Question DVD_X20: Does the district enter facility level data into an electronic health information system (i.e. DHIS) and does the system automatically aggregate data to create a district report?

- For each program area – if data are entered into a database at district level – use the DV/SA district aggregation tool to recount the value of the indicator for the district
• DV/SA District Aggregation Tool (placeholder)
If the data are aggregated by hand at the district level and a district level value is reported up through the system:

- Using the templates provided, enter the following information into the data collection tool:

For each program area:

- How many reports there should have been for the three months
- Count the actual number of reports for the same months and enter the value
- Check the dates on the reporting forms and ascertain how many reports were received on time
  ✓ on time means that the report was received by the due date
- Check how many reports were complete
  ✓ Complete means that the report contains the reported count relevant to the indicator

Time period for the verification is 3 months: For example: January, February, March 2020
Recounting

For each selected indicator record on the data collection tool:
- if the facility is part of the sample for the HFA,
- is expected to report for the indicator,
- whether the report is available (observed) at the district,
- if the report was received at the district by the due date (on time),
- the value on the facility monthly report at the district.

Recounting at the District

DV/SA at the District
Aggregation and comparison

For each selected indicator record on the data collection tool:
• Sum of the values from all facility monthly reports,
• The value reported by the district on the district monthly report (or in the database).
• Reasons for discrepancies and missing reports.

<table>
<thead>
<tr>
<th>AGGREGATION AND COMPARISON</th>
<th>MONTH1</th>
<th>MONTH2</th>
<th>MONTH3</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD_228 SUM OF THE ABOVE NUMBERS OF DTP3 DOSES FOR CHILDREN UNDER 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DVD_229 How many DTP3 DOSES FOR CHILDREN UNDER 1 did the district report to higher level?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DVD_230 Why do you think there is a discrepancy between the number reported by the district and the number we have just calculated?</td>
<td>NO DISCREPANCY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ARITHMETIC OR DATA ENTRY ERRORS

SINCE THE TIME THAT THE DISTRICT SUBMITTED ITS REPORT, SOME HEALTH FACILITY REPORTS HAVE BEEN ADDED OR SOME HEALTH FACILITY REPORTS HAVE BEEN UPDATED

SINCE THE TIME THAT THE DISTRICT SUBMITTED ITS REPORT, WE HAVE LOST TRACK OF SOME HEALTH FACILITY REPORTS

OTHER (SPECIFY)
Capturing District Level Recount Data in CSPro

Recounting at the District

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DV/SA at the District
Capturing district level reported values in CSPro

- The recounted values are added over health facilities automatically
- Enter the value for the indicator reported by the district (or seen in the database)
Data verification and system assessment – Electronic Data Collection:

- Use the WHO CSPro data entry applications;
  - FACILITY_DV_SA,
  - DISTRICT_DV_SA

- Data can be recorded on the paper forms, then entered on a personal computer (PC) or on a tablet computer in the field

- Tablets use a special version of the CSPro data entry application derived from the PC version

- Data can be sent regularly (e.g. daily) from tablets to a central data server over the internet (via cellphone or wireless networks)
Questions

• Who should be interviewed at the district level for ANC if reporting to the district is program-specific?
• What should be re-counted at the district level for malaria cases if facility level data are entered into a database at the district?
• How is timeliness of facility reporting evaluated at the district level?
• True or false: when facility level data are not entered into a database at the district office, indicator values from monthly reports from all facilities in the district should be aggregated to derive a district value for the indicator.
• Review the District DV/SA paper-based tool with a partner.

• Practice conducting the DV/SA at the district HMIS office for the selected reporting period using the example facility monthly reports provided.

• Re-aggregate the district value from the facility monthly reports and compare with the value for the district found in the database.