Session 4
Data Verification at Health Facility Level – Recounting the Value of the Indicator from Source Documents – ANC 1
Learning Objective

To master the process of recounting the indicator at the health facility. Specifically, by the end of the session you should be able to;

- Know the definition of the indicator antenatal care first visit, i.e. ANC1.
- Be familiar with data collection and reporting tools used to record service delivery for ANC1.
- Understand standard protocols for aggregating ANC1 at health facilities.
- Understand where to begin and end counting on the ANC register depending on the reporting period in question.
- Understand and avoid common pitfalls in compilation of data for ANC1.
Data Verification Schema

SESSION 4
Recounting ANC 1

Source documents: facility registers (ANC, ART, OPD, TB) & immunization tally sheet
Data verification module

• Recommended maximum 5 indicators for review
  • ANC1, DTP3/Penta 3, ART coverage, TB cases, malaria cases (confirmed) (adapt to country implementation)
  • Include country-specific definitions

• Select a time period for the verification (3 months)
  • e.g. : January, February, March 2020

• For each indicator:
  • Documentation review
  • Recount the number of events
  • Reported number of events
  • Reasons for discrepancies
SOURCE DOCUMENTS AND REPORTS

• Antenatal Care (ANC) register for the 3 months selected for review
• HMIS or Program-specific facility monthly report for the 3 months selected for review
### Source document – ANC register

<table>
<thead>
<tr>
<th>Serial No</th>
<th>Client No</th>
<th>Name</th>
<th>Village</th>
<th>Phone No.</th>
<th>Alternate Phone No.</th>
<th>Age</th>
<th>ANC Visit (Circle)</th>
<th>Gravidaity Parity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1234</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1234</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1234</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Each row represents a visit by a pregnant woman
- Find the page in the register corresponding to the first date of the reporting period
- Find the column indicating the ANC visit number
- Count the number of rows (visits) for which 1st visit is circled
- Count until you reach the page corresponding to the last day of the selected reporting period
| AS3 | Need to add information on client-based vs. visit-based as per the facilitators manual and an example of each  
Ashley Sheffel, 12/9/2019 |
| AS5 | Also need to add a slide on the common pitfalls in compilation of data for ANC1.  
Ashley Sheffel, 12/9/2019 |
| D.B.1 | These are the same - addressed on slide 10 - ok?  
David Boone, 4/22/2020 |
- Record the recounted values in the appropriate cells on the data collection form

<table>
<thead>
<tr>
<th>Number</th>
<th>Question</th>
<th>Result</th>
<th>Skip</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV_105</td>
<td>Please confirm the availability of the source document for antenatal care visits for Month1 to Month3. If available, please recount the number of ANC1 visits recorded in the main source document for Month1 to Month3.</td>
<td>(A) SOURCE DOCUMENT AVAILABLE</td>
<td>(B) RECOUNT NUMBER OF ANC1 IN SOURCE DOCUMENT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Month</th>
<th>1 → B</th>
<th>2 → B</th>
<th>3 → B</th>
<th>4 → B</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*PARTLY: the source document is available but some information is missing.
Facility Monthly Report

- Locate the facility HMIS or Program-specific monthly report for the selected months
- Find the appropriate page of the monthly report – the one with the maternal health section.
- Find the cell for reporting ANC 1 and note the value. Repeat for the other months

HMIS FORM 105: HEALTH UNIT OUTPATIENT MONTHLY REPORT
2. MATERNAL AND CHILD HEALTH (MCH)

<table>
<thead>
<tr>
<th>2.1 ANTENATAL</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1-ANC 1st Visit</td>
<td></td>
</tr>
<tr>
<td>A2-ANC 4th Visit</td>
<td></td>
</tr>
<tr>
<td>A3- Total ANC visits (new clients + Re-attendances)</td>
<td></td>
</tr>
<tr>
<td>A4-ANC Referrals to unit</td>
<td></td>
</tr>
<tr>
<td>A5-ANC Referrals from unit</td>
<td></td>
</tr>
<tr>
<td>A6-First dose IPT (IPT1)</td>
<td></td>
</tr>
<tr>
<td>A7-Second dose IPT (IPT2)</td>
<td></td>
</tr>
<tr>
<td>A8-Pregnant Women receiving Iron/Folic Acid on ANC 1st Visit</td>
<td></td>
</tr>
<tr>
<td>A9-Pregnant women receiving free ITNs</td>
<td></td>
</tr>
<tr>
<td>A10-Pregnant women tested for syphilis</td>
<td></td>
</tr>
<tr>
<td>A11-Pregnant women tested positive for syphilis</td>
<td></td>
</tr>
<tr>
<td>A12-Pregnant women counseled, test and received HIV test</td>
<td></td>
</tr>
</tbody>
</table>

2.5 FAMILY PLANNING METHODS

- F1-Oral : Lo-Femenal
- F2-Oral: Microgynon
- F3-Oral: Ovrette or another POP
- F4-Oral: Others
- F5-Female condoms
- F6-Male condoms
- F7-IUDs (Copper T)
- F8-Injectable
- F9-Natural
- F10-Other methods
- Total family planning users
- Record the reported values from monthly facility reports in the appropriate cells on the data collection form

<table>
<thead>
<tr>
<th>Number</th>
<th>Question</th>
<th>Result</th>
<th>Skip</th>
</tr>
</thead>
<tbody>
<tr>
<td>DV_104</td>
<td><strong>Please confirm the availability of the monthly report form in which antenatal care visits are recorded and sent to the district or next level administrative unit for Month1 to Month3. If available, please record the number of ANC1 visits entered in the monthly report form for Month1 to Month3.</strong></td>
<td><strong>(A) MONTHLY REPORT AVAILABLE</strong></td>
<td><strong>(B) RECORD NUMBER OF ANC1 IN MONTHLY REPORT</strong></td>
</tr>
<tr>
<td>01</td>
<td>Month1</td>
<td><img src="#" alt="1 → B" /> 2 02</td>
<td><img src="#" alt="3 02" /></td>
</tr>
<tr>
<td>02</td>
<td>Month2</td>
<td><img src="#" alt="1 → B" /> 2 03</td>
<td><img src="#" alt="3 03" /></td>
</tr>
<tr>
<td>03</td>
<td>Month3</td>
<td><img src="#" alt="1 → B" /> 2 DV_105</td>
<td><img src="#" alt="3 DV_105" /></td>
</tr>
</tbody>
</table>
Potential Cross Checks

- Cross checks are verifications of service delivery across data sources which can help identify data quality problems.

- If time permits, the following cross checks can be conducted for ANC first visit.
  - Compare the number of ANC clients provided with prophylaxis for malaria (IPT) in a given reporting period to the number of patients given prophylaxis in the pharmacy log book.
  - Compare the number of syphilis diagnostic tests reported for ANC clients in the ANC register with the number of syphilis tests done in the period according to the laboratory register.
  - Compare pregnant women vaccinated against tetanus in the ANC register against the quantity of tetanus vaccine used in the period according to vaccine stock management logs.
Be careful to note if the ANC register is “client-based”, or “visit-based”.

- A client-based register has one record (usually a row in a register) per client that is updated for each visit.

- A visit-based register has a record (a row) for each visit of a patient.

- A visit-based register can have multiple visits for a client in the same reporting period and thus, poses a risk of double counting.
Questions

• What is the source document for the indicator ANC1?

• Describe how to recount the indicator ANC1 if the ANC register is client-based. Visit-based?
Practice with example ANC Registers

• Work in small groups to conduct the recount (2-4 participants, depending on the number of available registers).

• The facilitator will provide example registers for you to work with.

• Your instructor will give you the reporting period to be verified. With this you can begin counting the number of pregnant women attending antenatal care for the 1st time this pregnancy.

• You have 60 mins.