Session 5

Data Verification at Health Facility Level – Recounting the Value of the Indicator from Source Documents – DTP 3
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 3rd dose DTP-containing vaccine, i.e. DTP 3.
- Be familiar with data collection and reporting tools used to record service delivery for DTP 3.
- Understand standard protocols for aggregating DTP 3 at health facilities.
- Understand where to begin and end counting on the Immunization tally sheets (or register) depending on the source document and selected reporting period.
- Understand and avoid common pitfalls in compilation of data for DTP 3.
SESSION 5
Recounting DTP 3

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)
  - Add country indicator definitions
- Select a time period for the verification (3 months)
  - e.g.: January, February, March 2019
- For each indicator:
  - Documentation review
  - Recount the number of events
  - Reported number of events
  - Reasons for discrepancies

SESSION 5
Recounting DTP 3
AS2 need note to facilitators to update this based on what has been selected for the country
Ashley Sheffel, 12/9/2019

AS4 also should focus on the definition on the indicator being examined
Ashley Sheffel, 12/9/2019

D.B.1 Okay?
David Boone, 4/22/2020
SOURCE DOCUMENTS AND REPORTS DTP 3

- Immunization register or tally sheets for the 3 months selected for review
- HMIS or Program-specific facility monthly report for the 3 months selected for review
### Source document DTP 3 – Child Register

<table>
<thead>
<tr>
<th>(1) Child No.</th>
<th>(2) Name</th>
<th>(3) Village and Parish</th>
<th>(4) Sex</th>
<th>(5) WT</th>
<th>(6) Age</th>
<th>(7) Date of Birth</th>
<th>(8) Date BCG</th>
<th>(9) PAB</th>
<th>(10) Dates Polio</th>
<th>(11) Dates DPT-HepB + Hib</th>
<th>(12) Dates PCV</th>
<th>(13) Dates Rota Virus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mother’s Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Father’s Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 1 2 3</td>
<td>1 2 3</td>
<td>1 2 3</td>
<td>1 2 3</td>
<td>1 2 3</td>
<td>1 2 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Check the months covered by the register.
- Find the columns for Date of Birth and for DPT-HepB+Hib
- Count the number of DPT 3 doses given in the month to children under 1 year of age.
need to add a slide on the common pitfalls in compilation of data for DTP3.
Ashley Sheffel, 12/9/2019

These are addressed on slide 12 - ok?
David Boone, 4/22/2020
SESSION 5
Recounting DTP 3

Recounting

Source document DTP3–Tally Sheet

<table>
<thead>
<tr>
<th>Antigen</th>
<th>Male Total</th>
<th>Female Total</th>
<th>Male</th>
<th>Female Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCO</td>
<td>00000</td>
<td>00000</td>
<td>0000</td>
<td>00000</td>
</tr>
<tr>
<td>PCO</td>
<td>00000</td>
<td>00000</td>
<td>0000</td>
<td>00000</td>
</tr>
<tr>
<td>PCO1</td>
<td>00000</td>
<td>00000</td>
<td>0000</td>
<td>00000</td>
</tr>
<tr>
<td>PCO2</td>
<td>00000</td>
<td>00000</td>
<td>0000</td>
<td>00000</td>
</tr>
<tr>
<td>PCO3</td>
<td>00000</td>
<td>00000</td>
<td>0000</td>
<td>00000</td>
</tr>
<tr>
<td>DPC</td>
<td>00000</td>
<td>00000</td>
<td>0000</td>
<td>00000</td>
</tr>
<tr>
<td>PCV1</td>
<td>00000</td>
<td>00000</td>
<td>0000</td>
<td>00000</td>
</tr>
</tbody>
</table>

Check dates:
- Month 1
- Month 2
- Month 3

Age of child should be UNDER ONE YEAR OF AGE
**SESSION 5**
Recounting DTP 3

---

**Source document DTP3– Tally Sheet**

Add the male total and female total to get the overall total.

Do this for each of the 3 months.

Indicator of interest is DPT-HepB-Hib 3.
• Record the recounted values in the appropriate cells on the data collection form

<table>
<thead>
<tr>
<th>DV_203</th>
<th>Please confirm the availability of the main source document used for reporting of DTP3/Penta3 for Month1 to Month3. If available and information on DTP3/Penta3 for children under 1 is recorded, please recount the number of DTP3/Penta3 visits for children under 1 for Month1 to Month3.</th>
<th>(A) SOURCE DOCUMENT AVAILABLE</th>
<th>(B) RECOUNT NUMBER OF DTP3/Penta3 FOR CHILDREN UNDER 1 IN SOURCE DOCUMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>YES, SOURCE DOCUMENT AVAILABLE WITH INFORMATION RECORDED FOR DTP3/Penta3*</td>
<td>NO, SOURCE DOCUMENT NOT AVAILABLE OR INFORMATION ON DTP3/Penta3 NOT RECORDED</td>
<td></td>
</tr>
<tr>
<td>01</td>
<td>Month1</td>
<td>1 → B</td>
<td>2 02</td>
</tr>
<tr>
<td>02</td>
<td>Month2</td>
<td>1 → B</td>
<td>2 03</td>
</tr>
<tr>
<td>03</td>
<td>Month3</td>
<td>1 → B</td>
<td>2 DV_204</td>
</tr>
</tbody>
</table>

*Even if information is only partially filled (for example for a few days in the month, you would answer YES
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 DTP 3 and note the value. Repeat for the other months.

Add numbers for Male and Female Under 1 year

Repeat for all 3 months
• 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_204</td>
<td>Please confirm the availability of the monthly report form in which DTP3/Penta3 are recorded and sent to the district or next level administrative unit for Month1 to Month3. If available, please record the number of DTP3/PENTA3 for children under 1 entered in the monthly report form for Month1 to Month3.</td>
<td>(A) MONTHLY REPORT AVAILABLE</td>
<td>(B) RECORD NUMBER OF DTP3/PENTA3 FOR CHILDREN UNDER 1 IN MONTHLY REPORT</td>
</tr>
<tr>
<td></td>
<td>YES, MONTHLY REPORT AVAILABLE WITH INFORMATION RECORD FOR DTP3/PENTA3</td>
<td>YES, MONTHLY REPORT AVAILABLE BUT INFORMATION ON DTP3/PENTA3 NOT RECORDED</td>
<td>NO, MONTHLY REPORT NOT AVAILABLE</td>
</tr>
<tr>
<td>01</td>
<td>Month1</td>
<td>1 → B</td>
<td>2 ↓ 02</td>
</tr>
<tr>
<td>02</td>
<td>Month2</td>
<td>1 → B</td>
<td>2 ↓ 03</td>
</tr>
<tr>
<td>03</td>
<td>Month3</td>
<td>1 → B</td>
<td>2 ↓ DV_205</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 DTP 3rd dose.
  • Compare children < 1 vaccinated with DTP in the immunization register for the period selected for review against the quantity of DTP vaccine used in the period according to vaccine stock management logs.
  • For a small sample of children visiting the facility for immunization services on the day of the assessment, compare the vaccinations recorded as given to the child in the immunization register to the record of vaccines given on the child-held vaccination card.
Supplemental vaccination and outreach

- Service delivery for vaccination also occurs during supplemental immunization activities (e.g. vaccination campaigns, national immunization days, etc.) – how are these doses recorded in source documents?

- Similarly, health facilities may schedule vaccination sessions in remote locations to expand coverage (outreach). How are vaccinations given during outreach activities recorded?

- These doses may not be included in facility registers or tally sheets but should also be counted.
Questions:

• What is the source document for the indicator DTP-3 in your country?

• Discuss the differences between recounts of a client based register and a tally sheet.

• Discuss the effect of outreach on reported numbers for DTP-3. Are outreach vaccinations tallied with the facility results on the monthly report or are they reported separately?
Practice with example Immunization Registers/Tally Sheets

• 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 children < 1 vaccinated with a 3\textsuperscript{rd} dose of DTP-containing vaccine.

• You have 60 mins.