TOWARDS A ROUTINE IMMUNISATION EMERGENCY PLAN IN DRC

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Geneva, June 2018
Immunisation coverage challenges
DRC is second to last amongst its peers in FULL immunisation coverage

<table>
<thead>
<tr>
<th>Country</th>
<th>% of Full Immunisation Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rwanda</td>
<td>93%</td>
</tr>
<tr>
<td>Burundi</td>
<td>85%</td>
</tr>
<tr>
<td>Tanzania</td>
<td>75%</td>
</tr>
<tr>
<td>Zambia</td>
<td>68%</td>
</tr>
<tr>
<td>Ouganda</td>
<td>55%</td>
</tr>
<tr>
<td>Congo-Brazza</td>
<td>46%</td>
</tr>
<tr>
<td>DRC</td>
<td>45%</td>
</tr>
<tr>
<td>Angola</td>
<td>31%</td>
</tr>
</tbody>
</table>

The immunisation programme reaches 94% of children and exceeds 80% coverage for the first doses administered.

Coverage rates, by province (Survey Data)

<table>
<thead>
<tr>
<th>Bacillus Calmette–Guérin (BCG)</th>
<th>Pentavalent 1st dose</th>
<th>Oral polio vaccine type 1 (OPV1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>National average:</strong> 83%</td>
<td><strong>National average:</strong> 81%</td>
<td><strong>National average:</strong> 92%</td>
</tr>
</tbody>
</table>

Kivu Province has the lowest coverage rates across all vaccines.

SOURCE: DHS 2013-14
Next challenge: improve full immunisation coverage, which remains below 50%

% of full immunisation coverage, by province

- Nord-Kivu: 71%
- Kinshasa: 68%
- Sud-Kivu: 62%
- Kongo-Central: 55%
- Haut-Katanga: 52%
- Equateur: 50%
- Kasai-Central: 50%
- Kwango: 49%
- Kasai-Oriental: 48%
- Ituri: 47%
- Haut-Lomami: 45%
- Maniema: 42%
- Sud-Ubangi: 42%
- Mai-Ndombe: 40%
- Kwilu: 38%
- Lomami: 33%
- Nord-Ubangi: 33%
- Kasaï: 32%
- Lualaba: 26%
- Tshopo: 22%
- Haut-Uele: 21%
- Tshuapa: 17%
- Bas-Uele: 14%
- Tanganyika: 8%
- Sankuru: 6%

Average: 45%

SOURCE: DHS 2013-14 (SURVEY DATA)
Low coverage is confirmed by prevalence of measles and polio in provinces throughout the country.

**Suspected cases of measles**
(2017 data)

**Suspected cases of polio**
(2017 data)

SOURCE: Division de la Surveillance du PEV
Structural issues affecting routine immunization
Recurrent focus on campaigns in DRC, with little attention to routine immunisation strengthening

Campaigns

- Allowances for health workers
- Simple and focused on one antigen
- Punctual and fast

Routine immunisation

- No systematic allowances for health workers
- Complex (8 vaccines)
- Regular and systematic

Long term solution

Short term solution

Routine immunisation is the main long term solution to eradicate vaccine preventable diseases

SOURCE: DHS 2013-14
The routine immunisation programme faces major service delivery and management issues

1. Inequalities in immunisation services availability
2. Vaccine availability at the local level
3. Management tools
4. Monitoring and evaluation
5. Workforce motivation
Massive disparities in availability of immunisation sessions

Frequency of immunisation sessions

NATIONAL level overview

PROVINCIAL level overview (Kinshasa)

HEALTH ZONE level overview (Limeté)

x11 more immunisation sessions from one province to another

x7 more immunisation sessions from one health zone to another

x15 more immunisation sessions from one health center area to another

SOURCE: DVD-MT Décembre 2017, Zone de santé limeté
High levels of vaccine stock-outs

Number of stock-out occurrences in 2017 at Health Zone level, by province*

| Province          | 18.5 | 15.9 | 15.8 | 12.7 | 10.8 | 9.8 | 9.4 | 9.3 | 7.2 | 7.1 | 7.0 | 6.9 | 6.8 | 6.4 | 6.2 | 6.2 | 6.1 | 4.9 | 4.2 | 4.1 | 3.9 | 3.8 | 3.1 | 2.5 | 2.4 | 1.7 |
|-------------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Kasaï             |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sud-Kivu          |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sankuru           |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Kongo-Central     |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Kasaï-Central     |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Kasaï-Oriental    |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Bas-Uele          |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Haut-Uele         |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Maniema           |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Kinshasa          |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Kwilu             |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Kwango            |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Nord-Ubangi       |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Ituri             |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Lomami            |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Équateur          |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sud-Ubangi        |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Haut-Lomami       |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Nord-Kivu         |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Tshopo            |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Luilaba           |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Haut-Katanga      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Mongala           |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Tanganyika        |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Mai-Ndombe        |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Tshuapa           |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

Only 10% of provinces did not experience a stock out in 2017

* Analysis performed for six vaccines: BCG, Pentavalent, OPV, Measles, Yellow Fever and PCV

SOURCE: DVDMT 2017
Innovative and different ways needed to obtain adequate and reliable data

100 000 supervisions + 7 000 Immunisation meetings = ?

Additional focus is required in:

Control

Evaluation

Monitoring

Unclear use of data
Response plan: Routine is the new emergency!
Rationale for emergency plan for routine immunisation

- Create a **momentum and shared sense of urgency** in addressing routine immunisation underperformance

- Foster accountability for results with an **18-month plan** with clear **milestones** and **responsibilities**

- **Prioritization and focus** on selected issues (as opposed to lengthy annual POA with very limited level of realization)

- **Basis for upcoming cMYP and HSS**
DRC has major assets to support a routine immunisation emergency plan

A strong LEADERSHIP…

- VISION
- DETERMINATION
- WILLINGNESS

... with qualified and determined STAFF….

- EXPERIENCE
- AVAILABILITY
- APPETITE

... supported by engaged PARTNERS

- LONG TERM SUPPORT
- TRUST
- CAPABILITY
Response plan formulation approach

Preparation for the workshop on routine immunisation

- Summary of available data and analysis
- Presentations for the July workshop
- Draft action plan

Participants
- Immunisation experts
- EPI
- Provincial health directorates
- Health Zone Chiefs
- Partners

Activities
- Review of root cause analysis of routine immunisation issues
- Identification of preliminary activities for strengthening routine

Output
- Performance review of the programme
- Definition of working groups for the workshop on routine immunisation
- Proposal of priority actions for strengthening vaccination
Timeline subject to review in the context of Ebola outbreak

- Data analysis
- Intervention prioritisation
- Action plan proposal

May/June
- Meeting with the EPI and stakeholders to discuss the perimeter of the plan

End of April
- Pre-workshop in Kisantu to consolidate the plan early July
- Workshop in Kinshasa to discuss first draft July 18-19
- Discussions around the plan

July
- Plan adjustment and improvement with stakeholders

End of July
- Official launch of the Emergency Plan for Routine Immunisation

August