Zambia

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Commitments made in the last meeting

To complete the Data Quality Improvement Plan in 2019
- Data Quality Review implemented.
- Provincial, District and Facility review meetings – on-going.

Data quality and use objectives
- To assess indicators across different programs, including immunization program using DQR metrics and methodology.
- To promote experience exchanges between provinces, districts and peer learning harmonization and/or alignment of data quality assessment and improvement efforts.
Key strategies to improve data quality and use

- Operationalise the Data Quality Improvement Plan (DQIP)
- Establish the national Data Quality Team
- Implement Gavi HSS, EPI-OPT in the selected districts and regions
- Orient the provinces and districts in conducting data quality self assessment (DQS)
- Support data review meetings at district and facility
- Operationalise data use campaign guide
- Integrate ICT invocations in facility catchment mapping through the use GIS mapping to improve denominators
- Expand use of electronic system for data entry to facility level such as ZIER to improve data collection
- Strengthen orientation and training on data management for all relevant health care workers at all levels.
- Strengthen feedback, supervision and mentorship at all levels of the health system
- Orient frontline health workers in the data management

(Resource availability – Through GAVI/HSS funds)
Accomplishments

• Trained National Program Managers in Data Quality Concepts
• Trained national and provincial team to support country efforts to conduct Data Quality actions
• Operationalised the Data Quality Improvement Plan (DQIP)
• Oriented the provinces and districts in conducting data quality self assessment (DQS)
• Supporting district and facility review meetings in the selected districts
• Developed the data use campaign guide
• Through the M&E department, there are specific staff established to support data quality and use
• Implementing the Gavi HSS (this includes EPI-OPT)
Implementation Challenges

What are some of those challenges?
Timeliness of reporting Jan – Jun 2019
Completeness of reporting: Jan – Jun 209
Comparison of Antigens given at same visit in Zambian EPI

- **Central**: 105% Penta1cov, 101.54% PCV1cov, 50% OPV1cov, 100% RV1cov
- **Copperbelt**: 70% Penta1cov, 70% PCV1cov, 48% OPV1cov, 69% RV1cov
- **Eastern**: 84% Penta1cov, 82% PCV1cov, 45% OPV1cov, 69% RV1cov
- **Luapula**: 100% Penta1cov, 98% PCV1cov, 69% OPV1cov, 74% RV1cov
- **Lusaka**: 74% Penta1cov, 73% PCV1cov, 73% OPV1cov, 27% RV1cov
- **Muchinga**: 90% Penta1cov, 87% PCV1cov, 59% OPV1cov, 95% RV1cov
- **North western**: 95% Penta1cov, 92% PCV1cov, 47% OPV1cov, 95% RV1cov
- **Northern**: 98% Penta1cov, 95% PCV1cov, 69% OPV1cov, 95% RV1cov
- **Southern**: 108% Penta1cov, 106% PCV1cov, 56% OPV1cov, 73% RV1cov
- **Western**: 98% Penta1cov, 98% PCV1cov, 73% OPV1cov, 89% RV1cov
- **Zambia**: 89% Penta1cov, 87% PCV1cov, 50% OPV1cov, 87% RV1cov

**Legend**:
- **Penta1cov**: Blue
- **PCV1cov**: Orange
- **OPV1cov**: Gray
- **RV1cov**: Yellow
More challenges

• Denominator: inability to use head count populations for official data
• Inadequate use of data for planning and decision making
• Poor data collection at point of generation
• Lack of data analysis skills lower levels to appreciate the use of data
• Inadequate data review meetings at all levels
Key Issues of Data Quality Challenges

- Timeliness
- Completeness
- Inconsistencies
- Denominator Issues (coverage>100%)- Denominators issues
- Negative Drop Outs (very high drop out rates >50%??? True drop outs)
- Improve data quality checks
- Triangulation of data sources
- Regular and consistent review and use of data at all levels
- Full operationalisation of the DQIP
Lessons Learned in relation to data quality and use improvement

• Timeliness
• Completeness
• Inconsistencies
• Denominator Issues (coverage > 100%)- Denominators issues
• Negative Drop Outs (very high drop out rates > 50%?? True drop outs)
• Improve data quality checks
• Triangulation of data sources
• Regular and consistent review and use of data at all levels
• Full operationalisation of the DQIP
Summary of intervention package

• Implement the DQIP
• Operationalise the data use campaign guide at all levels
• Improve the data collection tools through the use of ICT innovations
• Orient frontline health workers in data management
• Support the data review meetings especially at lower levels
• Conduct GIS mapping to reconcile the denominator issues (CSO and Headcount populations)
• Work with the office of data quality & utilisation office within M&E Department
Thank You