Transitioning to digital case-based surveillance systems: achievements and problems

Pakistan

Dr Razia Fatima
Chief Research-CMU (TB,HIV/AIDS,Malaria)
PhD Norway, Msc Epi LSHTM UK, MPH Pak, FRSPH UK, MBBS
NTP Pakistan
[DHIS 2]: Overview

- The primary purpose of system is to strength surveillance for the data analysis and use linked with the evidence generation in line with the concept of integration.

- At the moment; attention is paid to 3 diseases TB, HIV/ AIDS and Malaria while the ministry plans to bring others diseases like EPI, IDSR and linked it to DHIS2.

- The data entry operators at the district level and technical officers / managers at provinces will be the users and national level access to surveillance and research will be given for dashboard and reports.

- The system will be managed by integrated common unit (HTM) in coordination with HSPIU at the federal ministry.
Flow of Information: TB Program (M&E Surveillance)

- **Annual Reporting**
  - Global Fund
  - M/o NHSR&C
  - WHO/Global TB Program
  - Internet
  - DHIS 2

- **Inter Provincial Meeting** (7th day of second month following end of Qtr.)
  - National TB Program (NTP)

- **Inter District Meeting** (25th day following end of Qtr.)
  - PTPs (Provincial TB Programs)

- **Intra District Meeting** (15th day following end of Qtr.)
  - District Health Offices (District DMU)

- **At the end of Quarter compile**
  - TB 07, 08, 09
  - BMUs (Core DOTs, Childhood TB, PPM)
Flow of Information: TB Labs (DST & Culture Labs)

- Global Fund
- WHO
- M/o NHSR&C
- Microscopy network
- Internet
- Lab Information System Server
- DHIS 2
- Gene Xpert Server
- Gene Labs
- Gx Alert
- DST & Culture Labs
- Internet
[DHIS 2]: Overview
[DHIS 2]: Achievements

• Nation Data Analysis Workshop 10-12 April. 2018.

• Core Team Notification: relevant staff from HTM, HSPIU, PACE TECH and surveillance unit NIH

• DHIS2 Core team training
  – round I: 12-23 March, 2018
  – round II: 21-25 May, 2018

• National roll out is planned as follows
  – TOT 25 – 29 June, 2018,
  – End users trainings planned in July, 2018 and onward

• All districts across Pakistan will be covered

• All TB patients types are included
[DHIS2]: Problems (Overcome)

- Funding gap to cover TA cost, solved by securing extra money from the HSS grant

- The Core team training including the relevant staff from 3 program (HTM)

- Server setup is completed, which was a major challenge. The server is setup at NTC (National Telecom Corporation)

- The configuration process is 95% completed for TB while for malaria it is going on.
[DHIS2]: Problems (Remaining)

- Additional funding to cover future TA requirement
- Mandatory TB case notification application linked with the DHIS2
- Private sector need to be included
- Non availability of case based data system
[DHIS 2]: The future

• Establishment of tracker system for sensitive and DR TB patients

• Implementation of TOT followed by end user trainings in all provinces and country wide scale up

• Pilot of TB mandatory notifications in 4 districts followed by country wide scaleup
Thanks for your Attention