Case Notification Rate (CNR) per 100,000 population by Province, 2011
Surveillance System

- Electronic patient based data since 2005 but stored at district health office
- Plan to compile to NTP
- Web system patient based data collection is still under development
- It will be launched by August 2013 for piloting
National Prevalence Survey

• Data management
  – Double check between paper and electronic data at the field daily
  – Evaluate cluster by cluster

• Laboratory
  – More technical supervision from Lab WG and experts
  – Get suspect’s barcodes data from the field
  – Report positive results immediately to NTP for case management (certificate of participation)
Drug Resistance Survey

• MDR-TB surveillance is not a national representative sample
• Region level estimate (3 regions)
• Using Xpert as a screening tool for culture and DST
• Sample size 2,720 new SS+
• Plan to be implemented 2015
Inventory Study

- High private providers
- Measure under reporting
- Prospective study
- Pilot (next year)
  - TB history information from NPS
  - Laboratory data
- Problem
  - Record linkage (no PIN and short name)
  - Limited database