Laboratory Upgrade Component of TB Elimination Cooperative Agreements
Laboratory Upgrade History

• Program began in 1992 with ~$2.4 million

• Level funding from FY96 to FY02
  – Distribution essentially reflects requests and funding decisions made in 1995

• Slightly reduced funding in FY03 and FY04
  – reduced allocation
  – changes in CDC overhead, agency taps

• Range of funding
  – $2,000 to $900,000 per recipient
  – $100 to $8,000 per TB case
Laboratory Upgrade Component

• Primary purpose has been to facilitate improvements in TB laboratory performance

• Initial goals were based on Tenover et al. (JCM 1993, 31:767-770) and CDC/APHL recommendations
Targeted Improvements 1993-2004

• Transport specimens to laboratory promptly
• Process specimens promptly, do not batch
• Use fluorescence microscopy
  – report results within 24 hrs
• Inoculate a liquid medium as primary culture
  – detect growth within 14 days
• Use rapid species identification tests
  – report results within 21 days
• Determine drug susceptibilities in liquid media
  – report results within 30 days
FY05-FY09 Laboratory Upgrade Funds

• Primary goal was further improvements in TB laboratory performance

• Secondary goals:
  – Address disparities in funding and changes in workload
  – Provide flexibility to address needs
  – Allow programs to set achievable goals
  – Incorporate outcome measures and performance goals
FY05-FY09 Laboratory Funds

- Anticipated same total amount of funds available in FY05-FY09 as in FY04
- Funds allocated using a formula (FY05-07)
  - 80% distributed based on prior funding
  - 20% distributed based on workload
    - set amount per program for 1 component
    - number of TB cases for 2 components
- FY08, FY09: 65%/35% redistribution
Distribution of Variable Funds

• Component 1 (1/3)
  – Attain or maintain Tenover TATs
  – Funds awarded based on No. of TB cases

• Component 2 (1/3)
  – Shorten TAT further - Healthy People 2010
  – Funds awarded based on No. of TB cases

• Component 3 (1/3)
  – System for providing TB laboratory services
  – Funds awarded per program
FY10-FY14 Laboratory Upgrade Funds

- Anticipate same total amount of funds will be available as in FY05-FY09
- Funds allocated using a new formula ……