

PM2.5 Review/Progress Report

Planning

Implementation

- Method 2.12
- Speciation DQO
- Speciation QAPPs
- Continuous Monitoring
- Recent Guidance
- PEP Program
- Management Systems Reviews
- Filter Extension Study
- Speciation Intercomparison

PM2.5 Review/Progress Report (continued)

Assessments

Reports

- Mass DQA
- PEP DQA
- MASS DQO Review
- AQS Assessment
- Mass QA Report



Some Initial Observations (based on PEP data)

Measurement System Precision

Jury is still in session - See tomorrow's session

Measurement System Bias

Jury is still in session - See tomorrow's session

Lab Blanks

Appear OK - see above

QC checks - Instrument Precision/bias

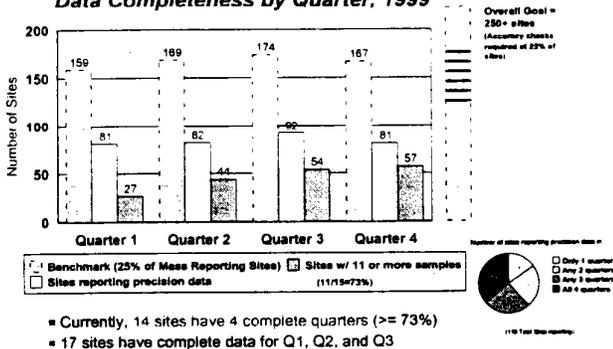
Lab QC checks appear OK - See 3:30 session

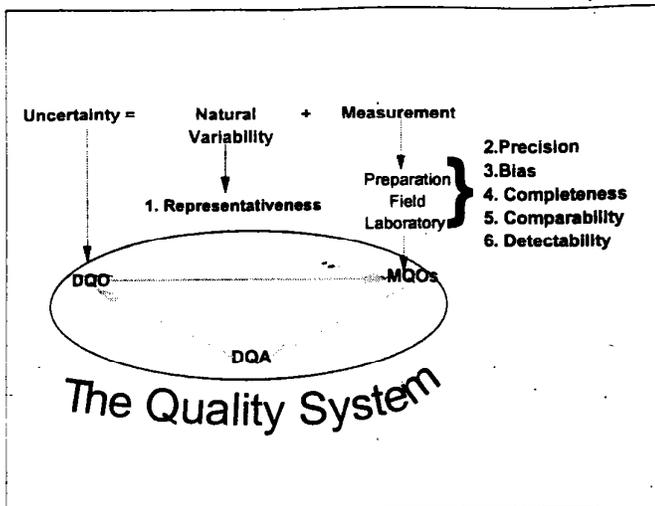
Current Issue - Why is the Jury Still Out?

Lack of data to perform data quality assessments with an appropriate degree of confidence

Completeness - Precision

Data Completeness by Quarter, 1999





- ### Key Assumptions
- The quality system provides for a structured development of a quality assurance program
 - The data quality objectives drive the program
 - Independence provides objectivity
 - The QA data represents the routine data
 - Need enough information to determine control
 - Provide flexibility to reduce QA burden

- ### Panel Discussion- PM2.5 Quality System Review
- Are there attributes of the quality system that added little additional value?
 - Are there some positive attributes in the quality system and what are they?
 - Are there redundancies in the quality system and what are they?
 - Are the QA roles and responsibilities at the Federal and State/locals levels appropriate?
 - Is there an appropriate level of independence at the Federal and State/locals levels to provide objective assessments of data quality?
 - How would you improve the quality system?
