The NIH Collaboratory EHR Core

Steering Committee Meeting
August 19, 2014
The goal

• Facilitate multi-site research collaborations between investigators and data stewards by creating secure networking capabilities and analysis tools
What is a distributed research network?

- Data stewards keep and analyze their own data
- Standardize the data using a common data model
- Distribute code to stewards for local execution
- Provide results, not data, to requestor
- All activities audited and secure
Highlights

• Rapid response distributed querying available across 7 data partners with over 90 million lives
• Approved governance document posted online
• Established NIH HCS Collaboratory Coordinating Center
• I2b2 functionality
• Enhanced meta-data capture and querying to enable “match-making” searches
  • Now being used by PCORnet
• Collaboration with NIH awardees
  • Community Clinical Oncology Program (URochester, PI: Morrow)
  • “How the NIH DRN can be used for PCTs”—manuscript underway
Collaboratory DRN Data Partners

- Aetna
- Group Health Research Institute
- Harvard Pilgrim Health Care
- HealthCore
- Humana
- Optum
- HealthPartners Institute for Education and Research
- The MURDOCK Study
Thank you!