



United States Department of
Health & Human Services

Advisory Committee on Blood Safety
and Availability
BASIS Reporting System

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Information System

What is BASIS?

Blood Availability and Safety Information System

A strategic nationally representative blood collection and utilization *inventory system**

Supply and Demand Data – nationally representative

- Blood Collection Centers: Supply data (approx. 80%)
- Hospital Blood Banks: Demand data (roughly 350-500)

BASIS Purpose (why monitor?)

To provide national policy makers with current blood supply and demand data (the illusive national real-time denominator)

This need was *identified* in:

- the 1997 HHS Blood Action Plan
- Twice identified by the ACBSA in recommendations to the Secretary

Who Operates BASIS?

The U.S. Department of Health and Human Services

The representative Blood Community -

Operated by staff of the Assistant Secretary for Health, the Nation's Blood Safety Officer

- Project Director
- Contracts (Recruit/Retain – Data Validating)
- Funded by USPHS Agencies (CDC, FDA, NIH, CMS)

Who developed BASIS?

Economic Systems, Inc. – Falls Church, VA

(Began life as a sketch on Dr. Sandler's chalk-board)

Consultants – Dr. Merlyn H. Sayers, Dr. James P. AuBuchon,
Dr. Robertson D. Davenport

- 1) Foundations for a National Blood Monitoring System (June 2003)
- 2) Initial Target Plan for a National Blood Monitoring System (August 2003)
- 3) Target Plan and Implementation Framework for a National Blood Monitoring System (January 2004)

How BASIS works

Secure Web-based Information Technology platform with easy manual entry and easier file upload

- Daily Tech time: 2 minutes
- Hardware – HHS owned and operated with 24/7 contractor support (TAIC)
- Software – HHS owned and operated – contractor developed and supported (KBSI)

BASIS Open Issue Reporting

Secure Web based free text with audit trail

- Anyone can report – reporting person must input brief institution demographics
- New (as of last week)- undeveloped, but working
- Intended for availability issues – could be used for safety issues?

BASIS Open Issue Survey

Secure Web based with audit trail – next version (approximately 6 months)

- Can survey any single issue: leukocyte filter, white particulate matter, etc.
- Can survey BASIS participants, or whole universe
- Intended for availability issues – could be used for safety issues?

BASIS approach

- ACBSA recommended monitoring to the Secretary
- HHS contracted for conceptual research – 3 ESI deliverables
- HHS funded the 2005 and 2007 NBCUS - AABB
- HHS contracted for IT development - KBSI
- HHS contracted for recruitment and retention - ESI
- HHS contracted for data validation - ESI
- HHS contracted for on-site hardware support - TAIC