



# What More Can We Learn from Statistics?

## Revolutionizing In-House Statistical Collection Through Automation



Charlie Lackey, AHIP, Assistant Director of Cataloging & Bibliographic Services, Virginia R.M. Carden, AHIP, Administrative Research Librarian  
 Rick Peterson, AHIP, Deputy Director; Robert James, Associate Director of Access Services; Marcos A. Rodriguez, Information Specialist  
 for Applications and Web Services, Ken Mitchell, IT Analyst, Duke University Medical Center Library, Durham, NC

### Old Method



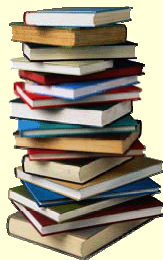
#### Labor intensive & Time Consuming

- Cumbersome procedure
- Items individually counted, sorted, and tabulated
  - Isolating in-house use from returned materials



#### Inaccurate Data Gathering

- Prone to human error
- Miscalculations
  - Forgetting to count
  - Double counts



#### No Bibliographic Data Collection

- Title
- Volume
- Year

### Goals

Move In-House Statistics gathering away from a cumbersome process limited to reporting numbers.

- Make the new process support library operations including:
- Staff Time Management
  - Collection Development
  - Off-Site Storage Decisions

### Solution: Resources & Methods



Barcode Scanner – Data collected from library materials.

ILS – Allows data import and report Generation.



ITS – Macro created to allow mobile data collection for import, report template created.

Item #	Title	Author	Date	Location	Barcode
441	...	...	...	...	...
442	...	...	...	...	...
443	...	...	...	...	...
444	...	...	...	...	...
445	...	...	...	...	...

### Results



#### More Efficient Use of Staff Time

- No manual counting
- Barcodes scanned in stacks
- Automated data input/extraction



#### More Accuracy in Gathering Data

- Items scanned, not counted
- ILS generated numbers



#### Obtain More Information

- Scanned barcodes = titles, volumes, years, collections, material types



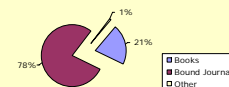
#### Less Off-Shelf Time For Materials



Statistics gathered 02/19 - 03/05 2007

Material Type	Count
Books	438
Bound Journals	1624
Other	19
<b>Total</b>	<b>2081</b>

Breakdown by Material Type



Breakdown by Publication Date

