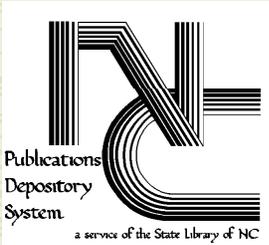# North Carolina Experiences

History and Current Progress

Kristin Martin
Digital State Documents Librarian
State Library of North Carolina

Joel Sigmon
Data Services Manager
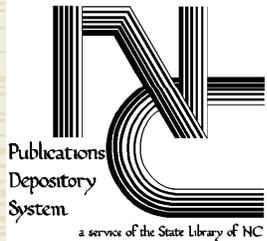Office of State Budget & Management

6th Annual State GILS Conference
April 3, 2004

History: North Carolina State Depository System

Publications Depository System
a service of the State Library of NC

- **<u>Established</u>:** 1987 by G.S. 125-11 State Library administers the System

- **<u>Purpose</u>:** Enable citizens throughout North Carolina to have timely and easy access to current and historical publications of their state government.

- **<u>Currently</u>** the means for preserving and providing access to state documents

N.C. State Depository System
(continued)

◆ <u>**Charge to the State Library**</u>:

"The State Library shall be the official, complete, and permanent depository for all State publications."

◆ <u>**Function**</u>:

- State agencies send documents to N.C. State Publications Clearinghouse (State Library)
- Clearinghouse receives, catalogs, processes, and distributes documents to depository libraries and the State Library

Changes in the Depository System

Decrease in the number of titles received

New Titles (Monographs/Serials)(printed) Cataloged and Distributed through the North Carolina State Documents Depository System		Monographs and Serials Issues (printed) Added to the State Library's State Documents Collection (permanent depository collection)	
1997	819	1997	8345
2002/03	413	2002/03	4264
% change (est. 5 yrs.)	**50% fewer titles**	% change (est. 5 yrs.)	**51% fewer titles**

- **Improve access** to state government webpages and information: http://www.findnc.org/
- Designed to search **NC GILS** metatags
- Z39.50 links to specialized information sources
  - Library catalog
  - Geographic data Clearinghouse
- Began in 1998 as pilot project
  - full agency participation has never occurred

FIND NC (Cont'd)

- Powered through Blue Angel MetaStar Suite
  - Search functionality has never been ideal
  - Major platform upgrade this summer
- No significant work done since 2000
- Agencies not required to provide metadata
- No preservation component

Access to State Government Information Initiative

- **3-Phase Initiative,** funded by LSTA, to ensure continued public access to current and historical state information in <u>ALL</u> formats
  - **Phase I – Action Research**
    - State Agency Publishing Practices
    - Challenges of permanent public access
    - State, national, and international Efforts
  - **Phase II – Plan of Action**
    - <u>**Workgroup of Stakeholders**</u>
    - <u>Strategy</u> for providing permanent public access to digital government information
  - **Phase III – Solutions Testing**

ASGI Initiative: Phase I

Research, Discovery, and Education (2002/2003)

◆ **Conduct research** and **collect information**
  - North Carolina State Government publishing practices.
  - National and state projects for managing digital information.
  - Viable solutions for managing born digital information.

◆ **Educate** and improve stakeholders' understanding of issues and challenges involved in preserving and providing long-term access to born digital state government information.

◆ **Build foundation for strategy development** in Phase II.

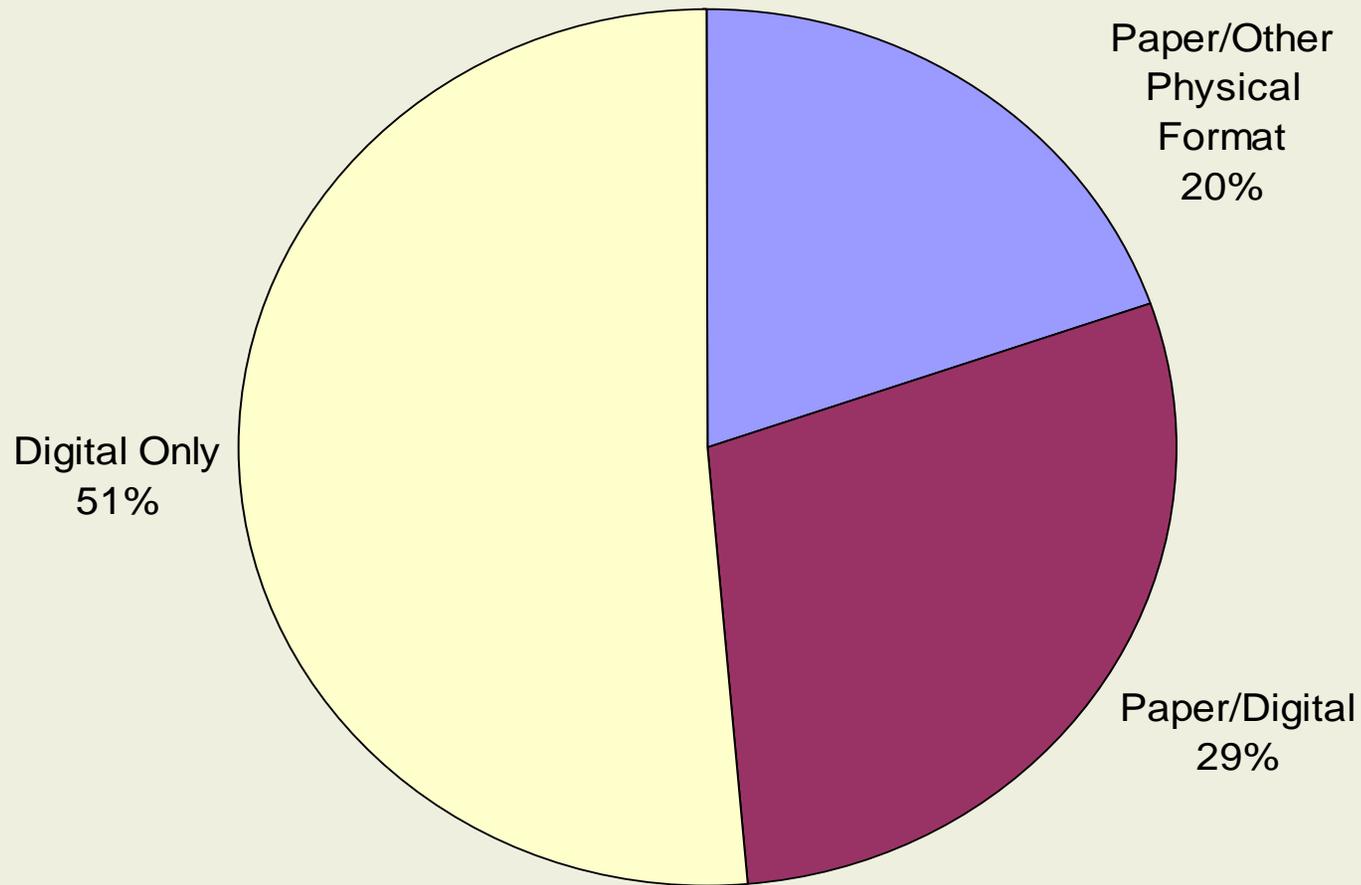# Phase I: Research Methodology

- **Investigate print titles in State Library Collection**
  - What titles are no longer received?
  - What titles are also available on the internet?

- **Examine state agency websites**
  - How is the information organized?
  - What publications are available online?

- **Interview agency staff** responsible for the dissemination of information to determine publishing practices and policies.
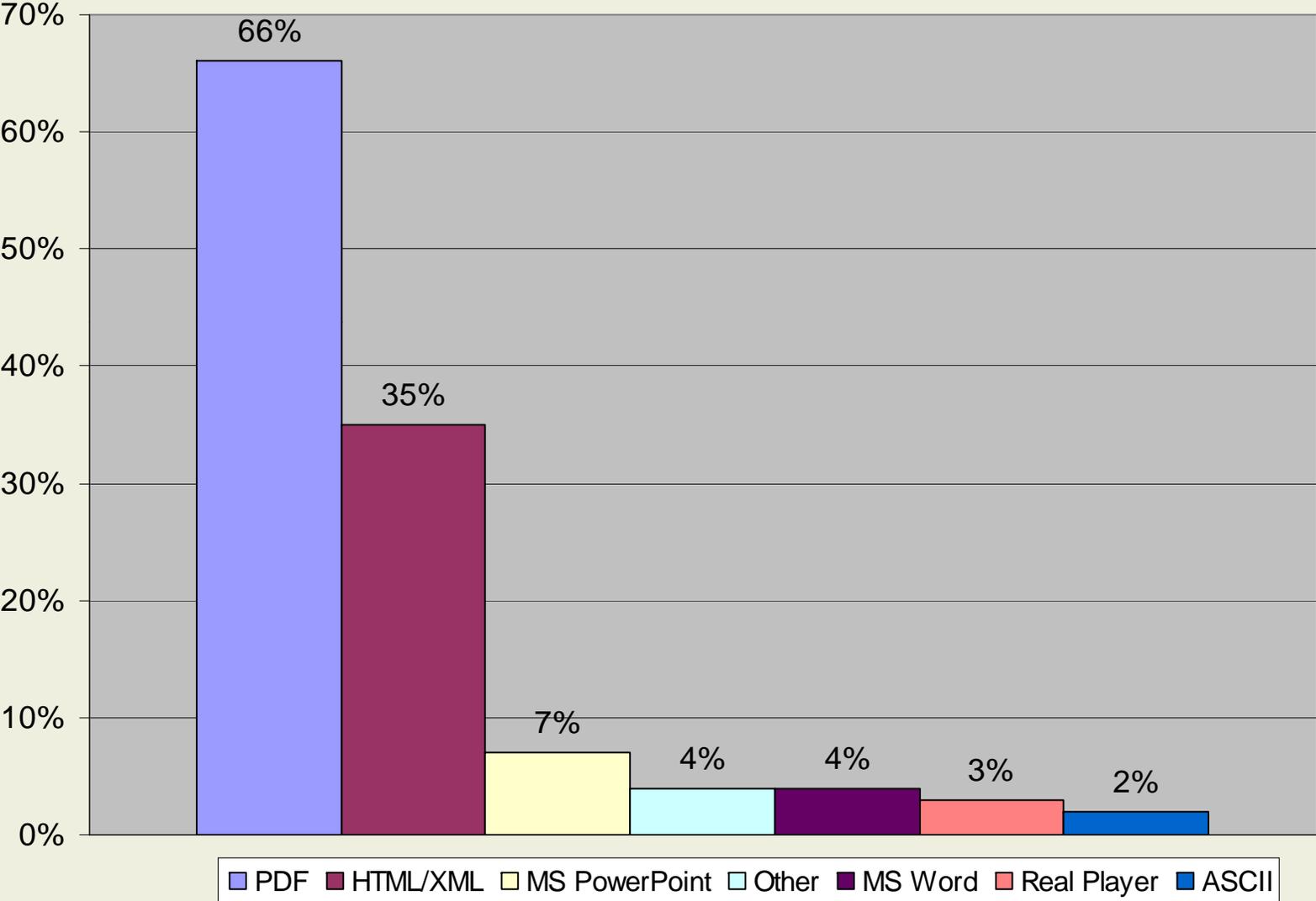
Digital Publishing in State Agencies

- **93%** produce <u>born digital publications</u>

- **22%** claim to produce at least <u>90%</u> of publications in <u>digital formats only</u>

- **Most agencies** <u>expect the percentage of born digital publications to increase</u> in the next five years

Formats for NC publications

Paper/Other Physical Format
20%

Paper/Digital
29%

Digital Only
51%

Digital Formats Used

Changes to
State Agency Websites

Agencies anticipate:

- <u>Increase</u> in dynamically produced webpages

- <u>Changes</u> in structure/organization of website
  (34 % claim major redesign in the next year)

- <u>Increase</u> in multimedia/interactive material

Challenges of Access

- ◆ NC Government sites contains 49.6 gigabytes of information in 457,000 files (non-dynamic)
- ◆ Government Information may get buried in search results
- ◆ Dynamic pages may not be searched
- ◆ Different word meanings can confuse results
- ◆ Websites are frequently rearranged/revamped, leading to broken links

Storage of Digital Publications

- **Currently** left up to each agency
- **38%** of agencies **do not** currently store any digital publications offline
- **Most agencies** do not have list of publications stored offline
- **Variety of devices**
  - Individual content on creators' hard drives
  - Server/network drives
  - CD/DVD
  - Magnetic tape/magnetic disk

Solutions Work Group

Managing Digital State Government Information Collaboratively

Work Group of Stakeholders

- **Information Facilitators**
  - State Library
  - State Archives and Records
  - State Data Center
- **Information Providers**
  - Agency public information officers and IT Staff
- **End users** represented by:
  - Depository Librarians
  - State Library Reference Staff
- Digital Preservation and Access **Experts**

Work Group Committees

- Work Group divided into 4 committees
  - Access
  - Preservation
  - Marketing/Education
  - Identification/Selection

- Different stakeholder groups provide **multiple perspectives** for how to approach issues

- Committees will present ideas to full work group for feed back

Projects for Next Year

- **Illinois CEP project**
  - Use Illinois-developed PEP software to crawl and capture websites
  - Illinois is hosting us for now
- **Documentum RMA**
  - Pilot in conjunction with Government Records
  - Manage records and publications through single system
- **ENCompass**
  - Capture and provide access to digital publications through library catalog

Projects for Next Year (cont)

- **Digital repositories assessment**
  - DSpace
  - OCLC Digital Archive

- **Criteria for preservation/action priorities**
  - Legacy collection of publications to remain in print
  - Determine important publications/groups of publications and websites

FIND NC Restructure

- Upgrade Blue Angel software
  - Consider other open-source search options
- Reconsider use of GILS metadata for all websites
- Try to combine forces with State Portal
- Improve search interface
- Test NC GILS metadata to provide access to specialized resources
  - LINC – North Carolina statistical data
  - CRIS – state grant funding for public and non-profits

Joel's Material

- Creation of NC GILS Standard
- Use of NC GILS for CRIS
- Use of NC GILS for LINC

For More Information

Project Website:
http://statelibrary.dcr.state.nc.us/digidocs/

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