

Smoking, Drinking, Cancer, &
Family History:
Five Years of Federal Documents Use
Data at Illinois State University,
2000-2005

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2:00 – 2:45

Perennial Docs Favorites by ISU Patrons

Smoking

Drinking

Cancer

Family History

Steroids

Drugs

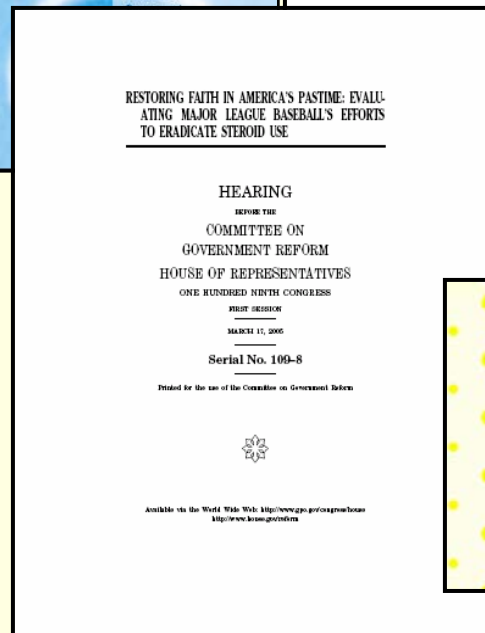
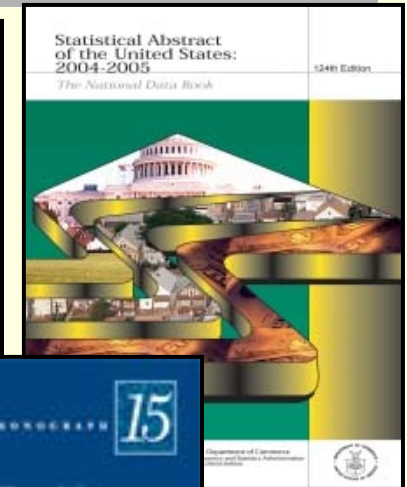
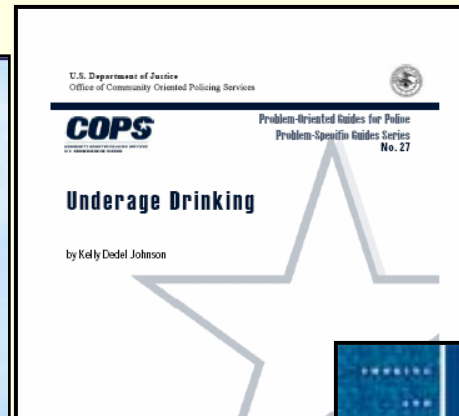
Cloning

Mental Illness

No Child Left Behind

Sleeping Disorders

Organ Donors





Overview of Government Documents Use Study (GoDUS)

- ❖ Grant funded through competitive Illinois State University Research Grant (URG)
- ❖ Funded three separate fiscal years, continues without funding
- ❖ \$12,000 dollars awarded for student assistant regular hours and civil service overtime
- ❖ Manually recorded almost 23,000 documents title uses
 - ❖ use data is not generated by automated circulation transactions

Why Perform a Use Study

1. Depository Guidelines Say We Should
 - http://www.access.gpo.gov/su_docs/fdlp/pubs/fdlm/guidelin.html
2. Basic Collection Development Functions
3. Strategic Planning
4. Justify Programming, Expenses, and Space

Why We Began a Use Study

1. Almost no empirical evidence of use existed—data from automated sources under-represented documents use
 - Documents collection as of 2000 was not cataloged (~15%).
 - Many of those items cataloged were ancient 1880-1930s publication dates.
2. Previous Collection Development decisions were based on anecdotal evidence
3. Modeled after a successful grant funded project “Periodical Use Group Study” (PUGS designed by Cecile Jagodzinski)
4. University grant opportunity encouraged scholarly activities
5. Combat perception, improve access and promote use
6. Professional development and personal curiosity

Background Information

Milner Library, ISU

- Depository Designation Dates:
 - 1858-1862, 1877-

- Depository Selection Rate:
 - 65%

- Location:
 - General Reference and Documents (G.R.D.) Unit on main floor of the library
 - Documents merged with General Reference Unit in 1992



Background Information for Milner Library, ISU

- ❖ Documents collection size:
 - ❖ 1,000,000+ (best guess)

- ❖ Cataloging:
 - ❖ MARCIVE service began in 1997 for monographs only
 - ❖ Serials and retrospective titles cataloged in library

- ❖ Classification:
 - ❖ SuDocs
 - ❖ selected journals, all maps, and videos located in other areas of library

- ❖ Integrated Library System:
 - ❖ Endeavor Voyager since 2002

Use Study Procedures

Thumbnail Use Study Procedures:

- ❖ Documents collected each day library is open (not a sample)
- ❖ G.R.D. student assistants collect documents from floor pickups and circulation desk returns
- ❖ Docs student assistants input selected citation, location and date information into a simple Excel file for each document title
- ❖ Docs student assistants collect and input reference desk statistics from checkout cards into the spreadsheet on a monthly basis
- ❖ Docs students give uncataloged books to documents staff for cataloging
- ❖ Staff catalogs title and inputs cataloged date for those pieces previously uncataloged

Detailed Study Design and Procedures:

- <http://www.library.ilstu.edu/page/644>

Use Study Procedures

Data Values for Document Titles in Spreadsheet

- Call Number
- Title
- Publication Date
- Cataloged (yes or no)
- Language
- Format
- Location
- Pickup Date/Use Date
- Checked out of the library (yes or no)

The Data: GoDUS Excel Spreadsheet

1	CALL NUMBER	Title	PUB. DATE	ONLINE CATALOG	CATALOG DATE (MM/YY)	LANGUAGE	PRINT	MICRO FILM	MICRO FICHE	CD	VIDEO	FLOOR 2 REF	FLOOR 2 STACKS	FLOOR 1	GENEALDBY (MFORM)	MRC	STORAGE	DATE
22054	Y4.J 89/2:S.HRG. 105-974	Drugs, Dignity, and Death: Physician-Assisted Suicide?	1999	1			1					1						11/18/2004
22055	Y4.J 89/2:S.HRG. 105-977	U.S. Counter-Terrorism Policy	1998	1			1					1						10/4/2001
22056	Y4.J 89/2:S.HRG. 105-993	National Security Considerations in Asylum Applications: A Case	1999	1			1					1						12/7/2000
22057	Y4.J 89/2:S.HRG. 105-995	Mother Teresa Religious Workers Act	2000	1			1					1						2/16/2005
22058	Y4.J 89/2:S.HRG. 106-1003	The AOL/Time Warner Merger: Competition and Consumer Ch	2000	1			1					1						9/15/2003
22059	Y4.J 89/2:S.HRG. 106-1005	Pain Relief Promotion Act	2000	1			1					1						9/13/2003
22060	Y4.J 89/2:S.HRG. 106-1005	Pain Relief Promotion Act	2001	1			1					1						11/18/2004
22061	Y4.J 89/2:S.HRG. 106-1010	School Crime Prevention Programs	2001	1			1					1						4/12/2002
22062	Y4.J 89/2:S.HRG. 106-1010	School Crime Prevention Programs	2001	1			1					1						12/3/2004
22063	Y4.J 89/2:S.HRG. 106-1019	Continuation of the Waco Investigation	2001	1			1					1						9/15/2005
22064	Y4.J 89/2:S.HRG. 106-1021	Improving the National Instant Criminal Background Check Syste	2000	1			1					1						2/1/2002
22065	Y4.J 89/2:S.HRG. 106-1025	Identity Theft	2001	1			1					1						2/20/2003
22066	Y4.J 89/2:S.HRG. 106-1027	Internet Security And Privacy	2001	1			1					1						4/2/2004
22067	Y4.J 89/2:S.HRG. 106-1033	Emerging Drug Threats and Perils Facing Utah's Youth	2001	1			1					1						10/30/2002
22068	Y4.J 89/2:S.HRG. 106-1033	Emerging Drug Threats and Perils Facing Utah's Youth	2001	1			1					1						3/6/2003
22069	Y4.J 89/2:S.HRG. 106-1034	USDA's Administrative Procedures Regarding the Packers and Sto	2001	1			1					1						5/3/2002
22070	Y4.J 89/2:S.HRG. 106-1045	Baseball's Revenue Gap: Pennant for Sale?	2000	1			1					1						2/18/2002
22071	Y4.J 89/2:S.HRG. 106-1045	Baseball's Revenue Gap: Pennant For Sale?	2001	1			1					1						11/20/2003
22072	Y4.J 89/2:S.HRG. 106-1045	Baseball's Revenue Gap: Pennant for Sale?	2001	1			1					1						10/19/2004
22073	Y4.J 89/2:S.HRG. 106-1048	Violence in the Media: Antitrust Implications of Self-Regulation a	2001	1			1					1						11/18/2002
22074	Y4.J 89/2:S.HRG. 106-1048	Violence in the Media: Antitrust Implications of Self-Regulation a	2001	1			1					1						12/5/2002
22075	Y4.J 89/2:S.HRG. 106-1052	Airline Competition: Clear Skies or Turbulence Ahead?	2001	1			1					1						12/8/2002
22076	Y4.J 89/2:S.HRG. 106-1057	"Carnivore" Controversy: Electronic Surveillance and Privacy in the	2001	1			1					1						6/11/2002
22077	Y4.J 89/2:S.HRG. 106-1057	"Carnivore" Controversy: Electronic Surveillance and Privacy in the	2001	1			1					1						10/23/2003
22078	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						12/3/2001
22079	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						11/8/2002
22080	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						10/1/2003
22081	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						10/28/2003
22082	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						4/14/2004
22083	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There an Upside to Downloading?	2001	1			1					1						5/3/2004
22084	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						10/20/2004
22085	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						12/1/2004
22086	Y4.J 89/2:S.HRG. 106-1060	Music on the Internet: Is There An Upside to Downloading?	2001	1			1					1						12/17/2004

Results: Most Used Titles

Monographs

1. Questions and Answers About Organ Donation
2. Respiratory Health Effects of Passive Smoking: Lung Cancer and Other Disorders
3. Ethical Issues in Human Stem Cell Research: Report and Recommendations
4. Breast Implants: An Information Update
5. Understanding Sleep

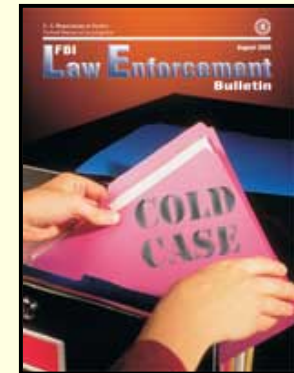


Results: Most Used Titles

Periodicals

1. Employment and Earnings
2. Congressional Record
3. Soldiers*
4. Monthly Labor Review
5. FBI Law Enforcement Bulletin*

**Soldiers* and *FBI Law Enforcement Bulletin* received through non-depository subscriptions.

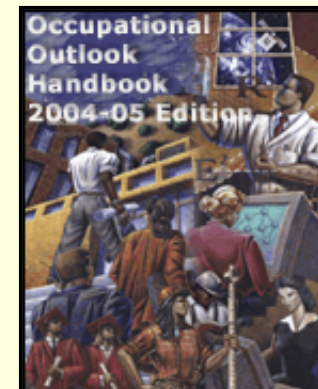
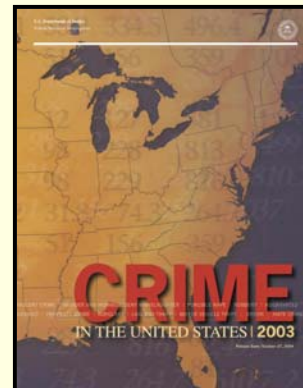
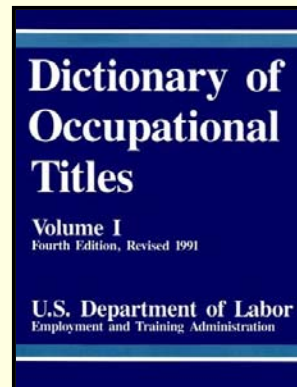
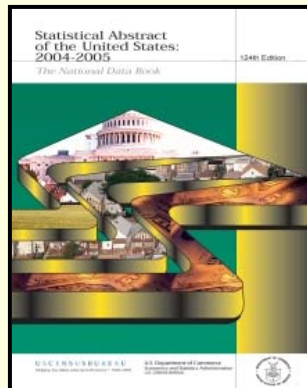


Results: Most Used Titles

Reference Titles

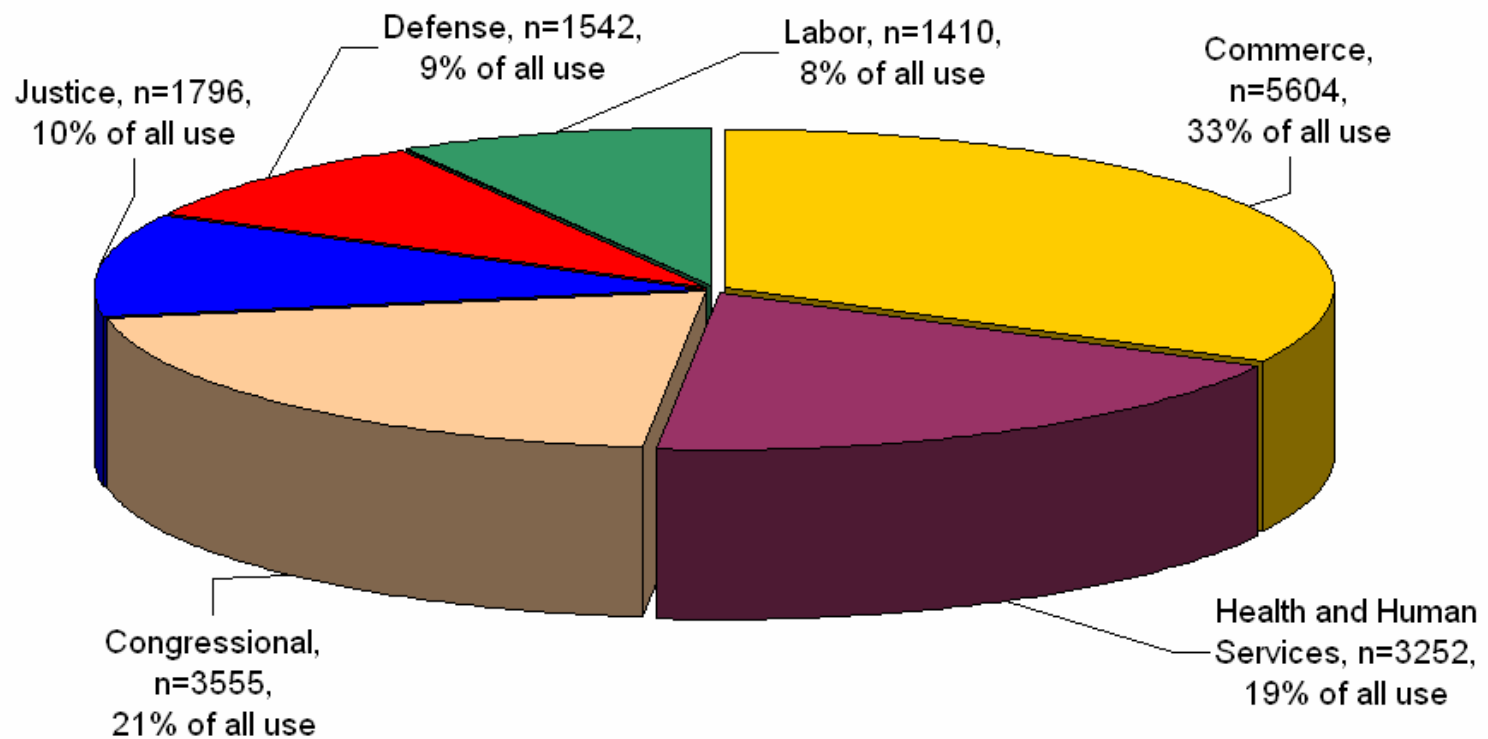
1. **Statistical Abstract of the United States**
2. **Dictionary of Occupational Titles**
3. **Uniform Crime Reports**
4. **Slip Laws***
5. **Occupational Outlook Handbook**

* The most used slip laws are PATRIOT Act and No Child Left Behind Act.

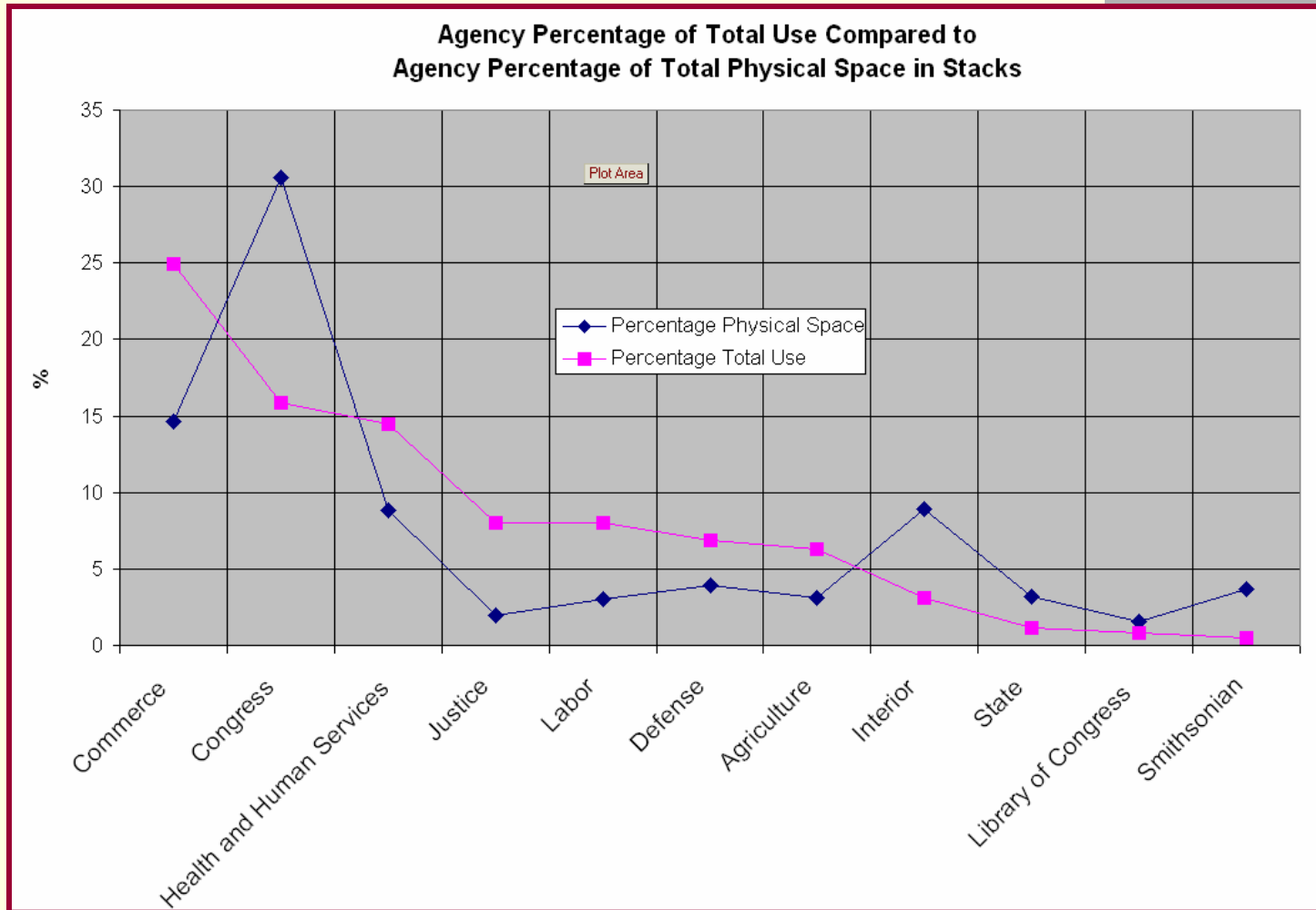


Results: Agency Use

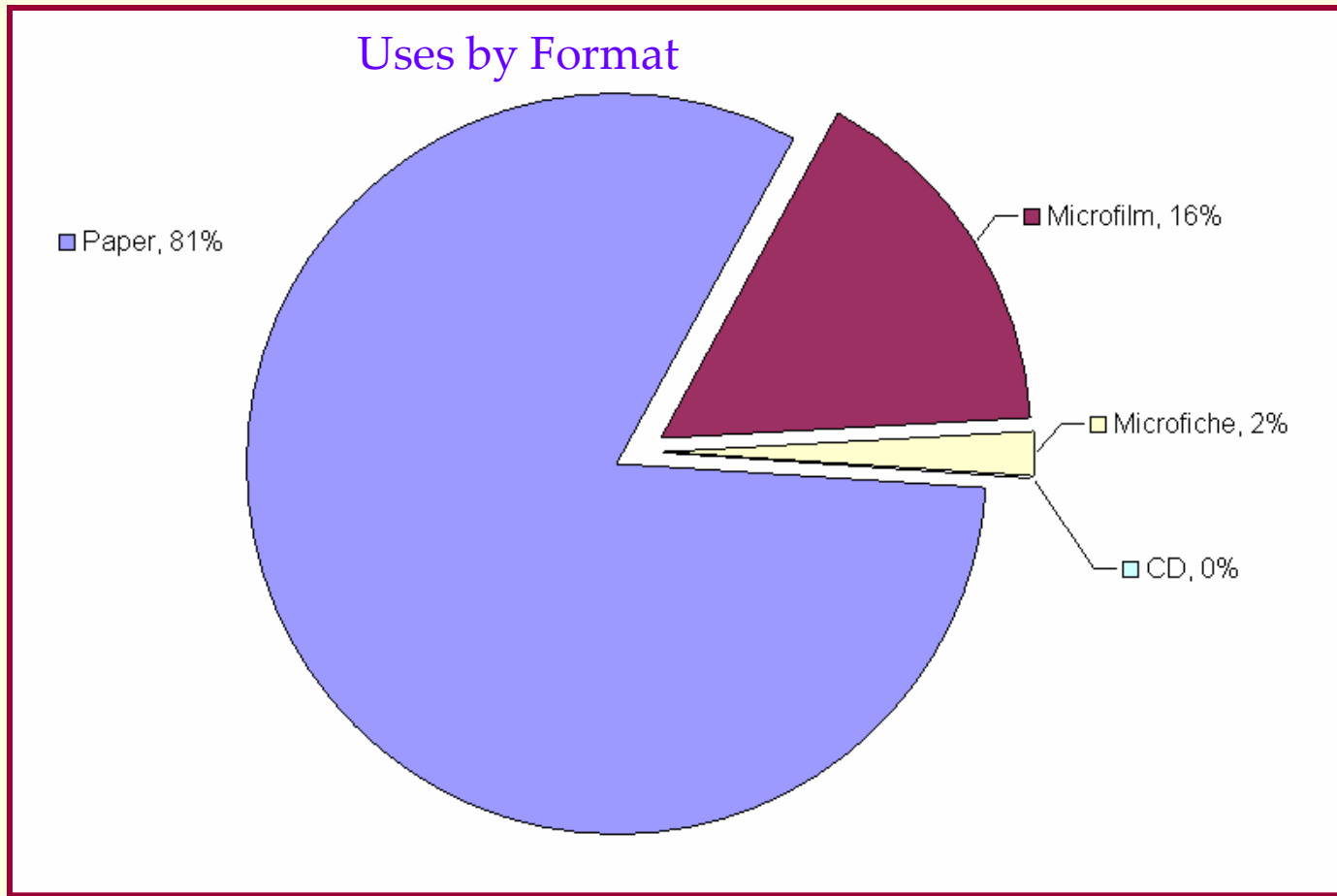
**Government Documents Use Data:
Use by Agency, July 2000--June 2005**



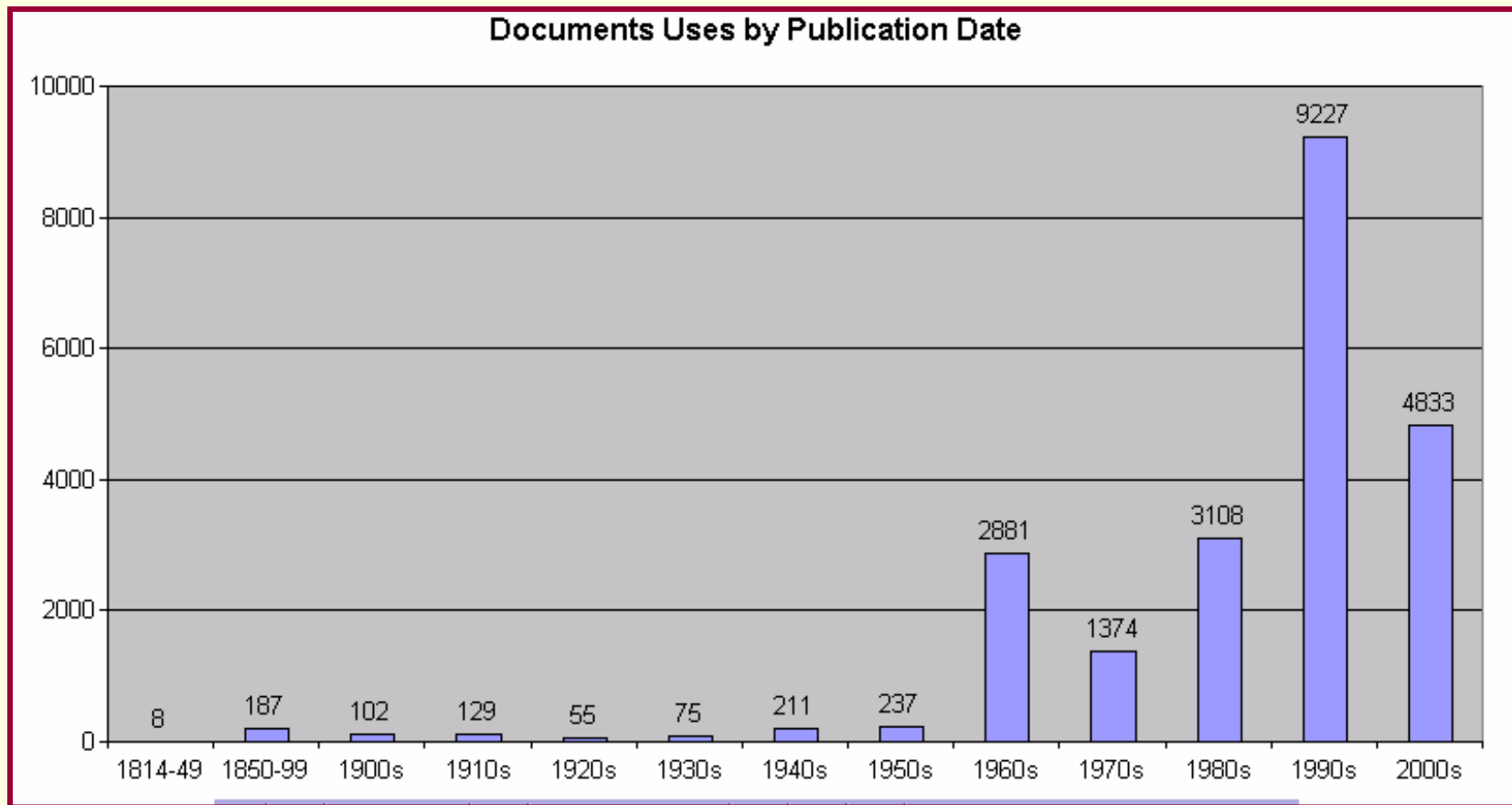
Results: Agency Use and Stack Space



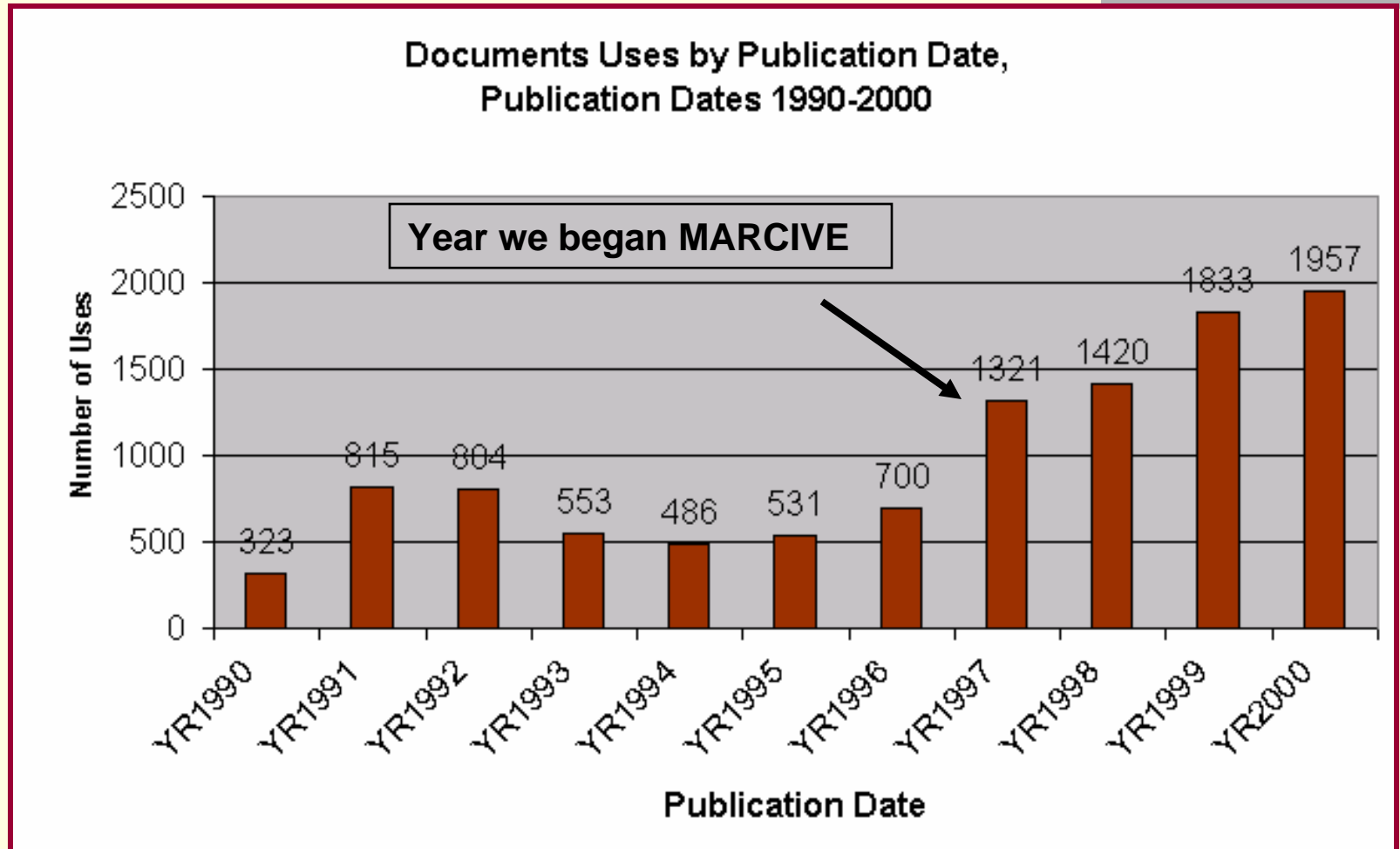
Results: Format Use



Findings: Publication Dates, 1800-2005



Findings: Publication Dates, 1990-2000



Findings: Accessibility

- Print, Microform, Electronic
 - For tangible titles, print is preferred format but some users don't mind the microfilm format
 - Example: Census manuscript reels
 - Not all users want electronic access
 - For popular topics, we acquire non-depository print copies through agencies—these print pieces circulate
 - For dual depository accessibility (paper and electronic) titles, print copies circulate

Findings: Print vs. Electronic Access

Title: Steroid abuse in today's society : a guide for understanding **steroids** and related substances.

Edition: March 2004.

Published: Washington, D.C. : Drug Enforcement Administration, Office of Diversion Control, [2004]

Subject (LCSH): [Anabolic **steroids**--Health aspects--United States.](#)
[Doping in sports--United States.](#)
[Drug abuse--United States--Prevention.](#)

Other Name: [United States. Drug Enforcement Administration. Office of Diversion Control.](#)

Notes: Cover title.

Shipping list no.: 2004-0186-P.

Also available via Internet from the DEA Web site. Address as of 06/22/04:

<http://www.deaiversion.usdoj.gov/pubs/brochures/steroids/professionals/professionals.pdf>; current access PURL.

Institution: Milner Library

Location: Floor 2 Documents Shelves

Call Number: [J 24.8:ST 4/3](#)

Copy: 1

Status: c.1 Checked out. Due on 10-26-05 [Which other ILCSO libraries own this title?](#)

Institution: Milner Library

Location: Online Resources

Call Number: [J 24.8:ST 4/3](#)

Copy: 1



Related

[Click here for online access](#)

URL:

<http://purl.access.gpo.gov/GPO/LPS50534>

Findings: Research Topics

- Favorites topics change seasonally, though there are always the tried and true standby topics (smoking, drinking, cancer)
 - Early topic leaders for Fall 2005 are:
 - Methamphetamines
 - Stem Cell/Cloning
 - Smoking
 - Terrorism
 - Assisted Living
 - Oil Dependence
 - Cancer
 - Diabetes

Findings: Relationship to Patron Research

- Students use documents for required first-year course position papers, persuasive and informative speeches
 - Docs provide access to subject areas typically under-represented in rest of library collection
 - Motorcycle helmets
 - Driver's licenses
 - Document titles include natural language that result in keywords search hits

Findings: Cataloging

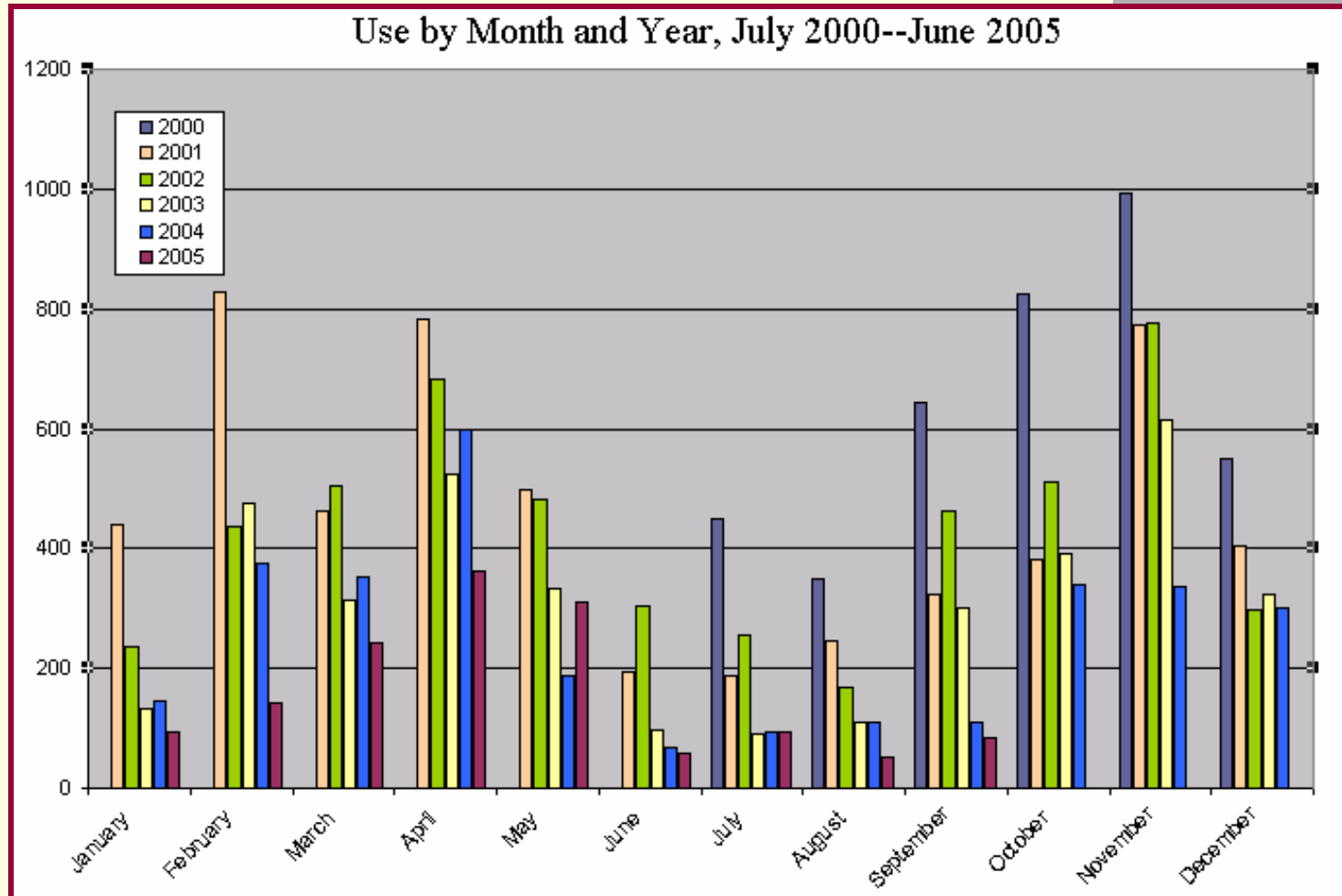
Cataloged documents are used more than uncataloged documents [kind of obvious]

- Almost 70% of use from materials that are cataloged
 - 26% of Uncataloged Material consists of:
 - 9%= Census Microfilm Reels
 - 5% = Periodicals
 - 5%= Reference works
 - 3% = Defense material
 - 3%= Foreign Relations Papers [FRUS]
 - 1%= Serial Set
 - Uncataloged monographic docs usually checked out with neighboring cataloged “Gateway doc”

Findings: Longitudinal Coverage 2000-2005

- ❖ Docs use has decreased yearly
- ❖ Popular topics change but still standard research topics
- ❖ Location change increased Serial Set use
- ❖ Fewer patrons using Census microfilm

Findings: Monthly Comparisons



Findings: Unexpected Discoveries

- ❖ Not all returned docs are discharged
- ❖ Most used monographs happen to be attractive
 - ❖ most used resources are very “bookish” looking
- ❖ Docs students shelve books correctly
 - ❖ non doc students don’t shelve as accurately
- ❖ Documents aren’t always cataloged correctly
- ❖ Patrons hide a lot of non-docs books in docs stacks

Implementation of Findings

According to grant proposal in 1999, we expected to use the data for Collection Development decisions

- Collection Assessment
 - Retention
 - Withdrawal
- Annual item selection profile updates in June-July
- Preservation and Conservation decisions
 - Conservation for damaged documents
 - Bindery decisions for new documents titles based on expected use

Implementation of Findings--Unexpected

We hadn't realized the value in other aspects of the use study

- Cataloging used but uncataloged documents
- Maintenance of documents bib, holding and item records
- Circulation
 - Discharge documents that hadn't been at Circ Desk
 - Verify receipt of documents titles concerning patron fines
- Inventory
 - Identify high risk documents
 - Discover "missing" documents early
- Acquisitions of popular topics via non-depository avenues
- Facilities planning
 - Stack arrangement (used docs on middle, not top, shelves)
 - Stack relocation (Serial Set to main floor, not basement)

Cataloging: Add and Maintain Records

The screenshot displays a library cataloging software interface with several overlapping windows:

- MARC System History (Top Left):** Shows MARC record details for Bib 1002705. Fields include Leader (00868cam 2200265 a 4500), 005 (20020415161808.0), and 008 (010214 s 2000 dcu a).
- Hldg 1058821 (Top Center):** Shows MARC record details for Hldg 1058821. Fields include Leader (00248cx 22001215l 4500), 005 (20051001161758.0), and 007 (t a). It also shows a table of subfield data:

Tag	I1	I2	Subfield Data
035			\$a (OCoLC)ocm45913858
035			\$9 EDX-9592
040			\$a GPO \$c GPO \$d UIU
042			\$a pcc
074			\$a 0250-E-02
086	0		\$a C 55.2:H 94/8
049			\$a UITX
245	0	0	\$a Hurricane flooding : \$b a deadly inland danger : think inland flooding.
246	3	0	\$a Think inland flooding
260			\$a [Washington, D.C.]: \$b U.S. Dept. of Commerce, National Oceanic and Atmospheric Adminis Service, \$c [2000?]
300			\$a 1 folded sheet (3) p. : \$b ill. ; \$c 21 cm.
490	1		\$a NOAA/PA ; \$v 20052
500			\$a Shipping list no.: 2001-0104-P.
650	0		\$a Hurricanes.
710	1		\$a United States. \$b National Weather Service.
830	0		\$a NOAA/PA. ; \$v 20052.
994			\$a 02 \$b UIU

- Item 1486195 for holding 1058821 (Bottom Right):** Shows item details for Title: Hurricane flooding : a deadly inland danger : think inland flooding. Location: Docs Shelves, Call #: C 55.2:H 94/8. Barcode: 30711700280114. Perm. Loc.: Docs Shelves, Temp. Loc.: [dropdown]. Item Type: Book 16-4 wk, Media Type: [dropdown]. Enum, Chron, Year, Caption, Free text, and Spine fields are empty.
- Item Status (Bottom Center):** Shows status management for 30711700280114 copy 1. A table shows the current status:

Status	Date Applied
Not Charged	10/1/2005

Below the table is a 'Status List' dropdown menu with options: At Bindery, Cataloging Review, Circulation Review, and others.

What I'd Change or Fix if I Could

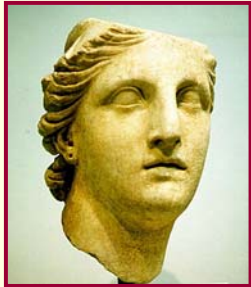
- Add a resource type in database
 - Monograph, Serial, Periodical, Reference
- Create an Access front end to create better reports
- Insert item numbers for SuDoc stems
- Insert barcode numbers
- Find a way to count those e-docs uses

Conclusions:

Why Continue Use Study after 5 Years

- Exists as standard assessment and management tool for both expected and *unforeseen* decision making
- Provides the only comprehensive use data for an uncataloged collection
- Provides quantifiable context for allocation of resources
 - Justifies new funding requests
 - Past use is not necessarily an accurate reflection of future need, but it does indicate an active expression of past need
- Provides historical and longitudinal data that reveals user trends
- Offers a useful and do-able method for cataloging and maintaining collection one title at a time
- Presents fascinating data that is professionally rewarding

Thank you!



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