

# How eBook and Publishing Trends Impact Academic Libraries

Emerging Paradigms for the Academic Library eBook Acquisition and Use

Trends, Challenges and Opportunities

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CEO



A woman in a red top and grey skirt stands in a library, surrounded by a large stack of books and floating e-books. The scene is set in a modern library with computer workstations and bookshelves. The woman is smiling and holding a book, with several other books floating around her. A tall stack of books is visible on the right side of the image. The ebrary logo is visible in the top left corner of the image.

ebrary

ebrary

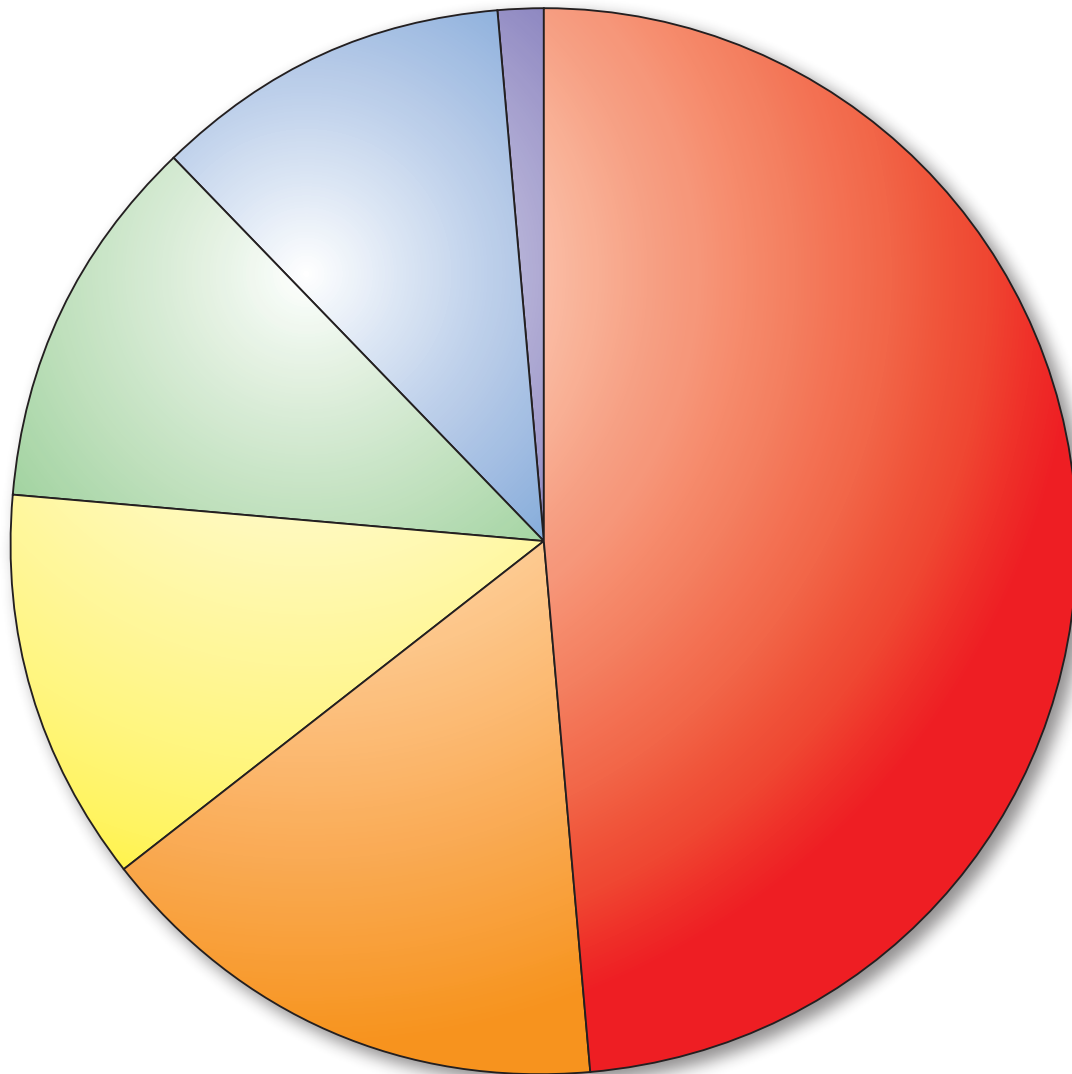
This is  
Librarian  
Leigh  
stashing the  
19,000  
new  
ebooks  
we got this  
week!

Read online

 ebrary

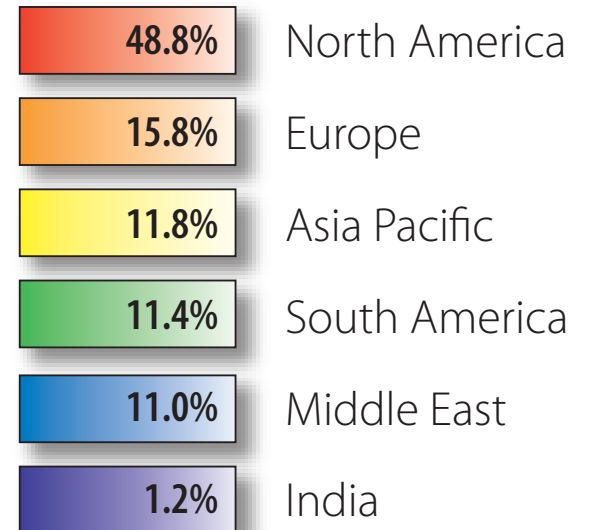


## Customers by Region:



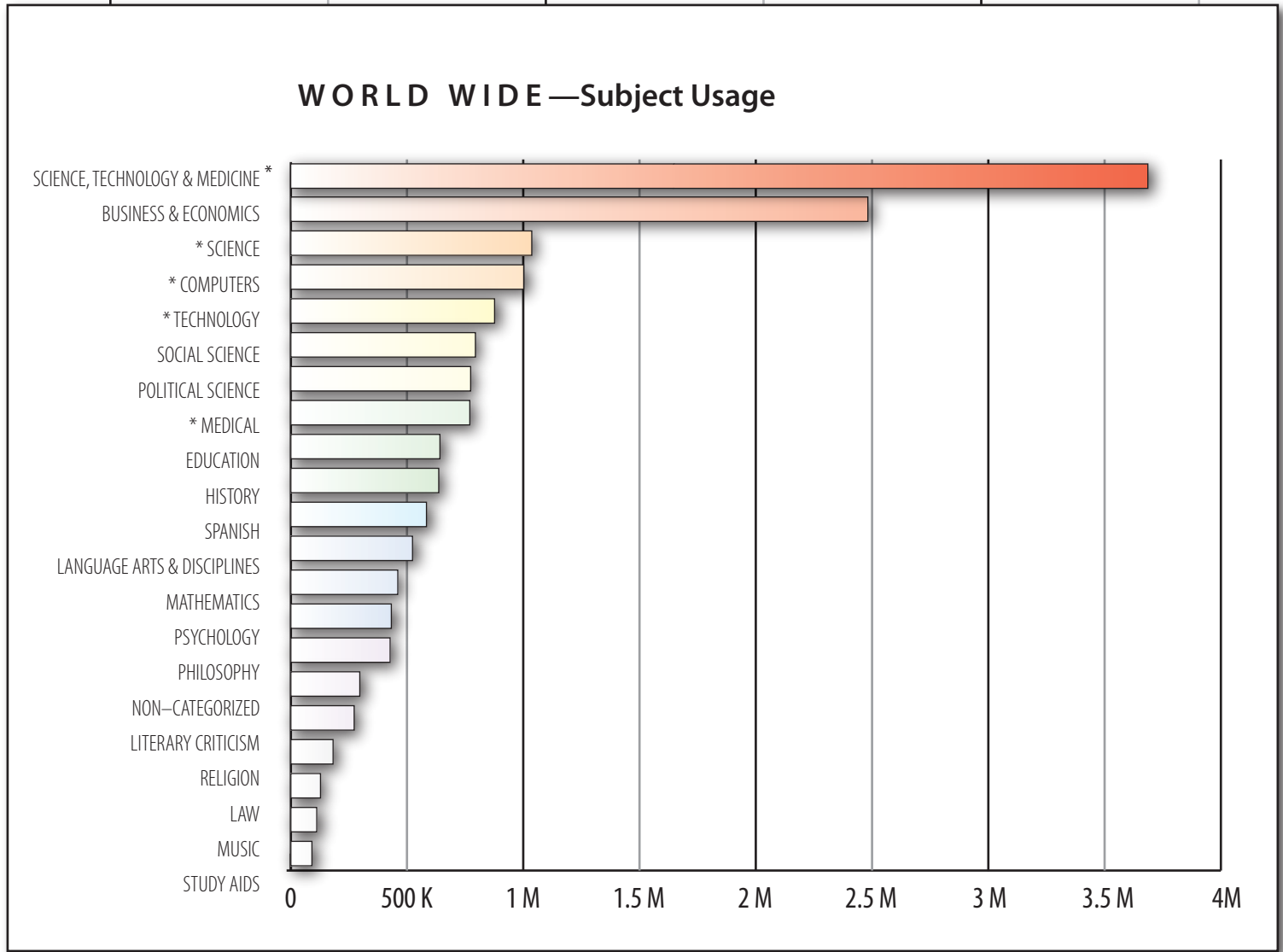
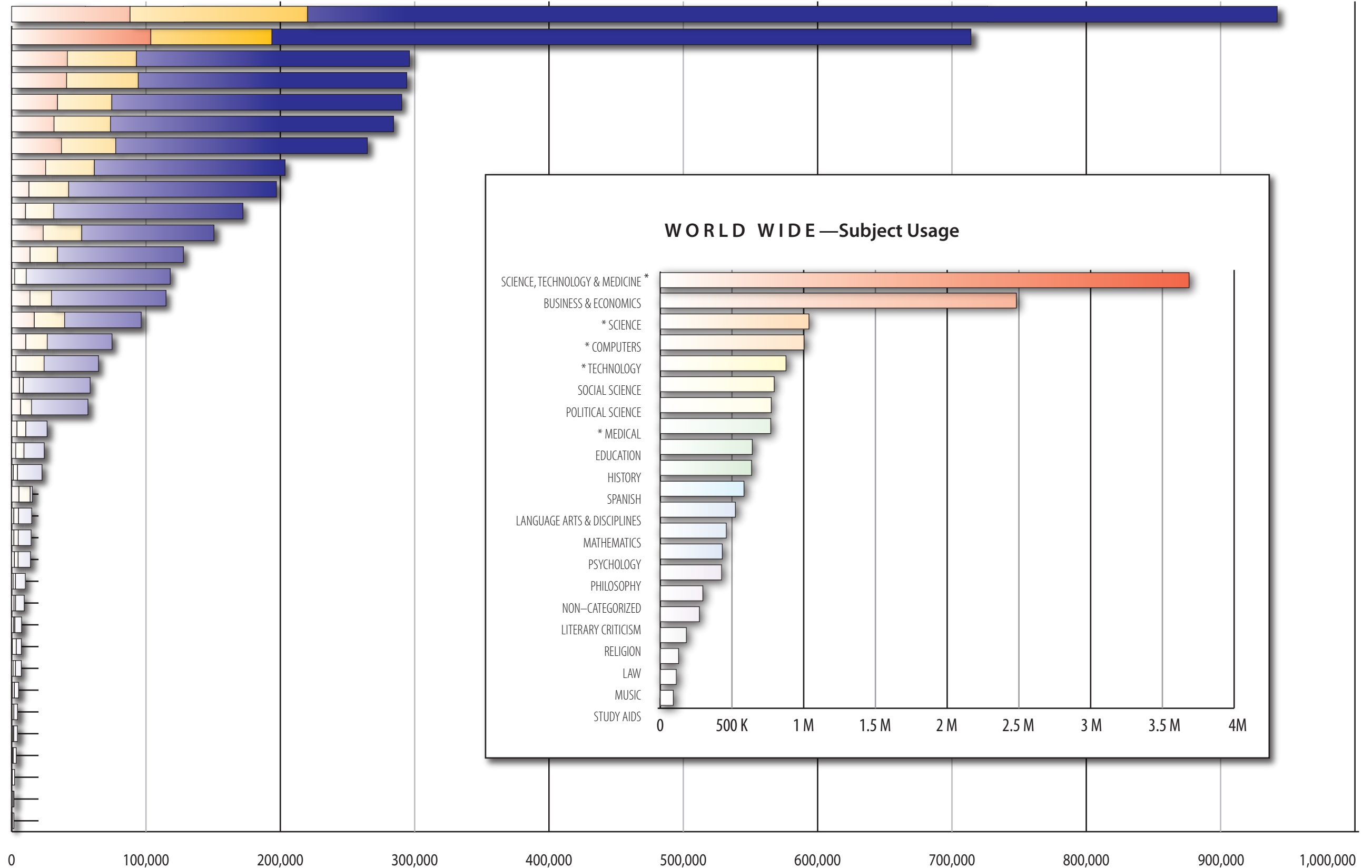
48.8 % North America

51.2 % International



■ Page Copies   
 ■ Page Prints   
 ■ Page Views

- SCIENCE, TECHNOLOGY & MEDICINE
- BUSINESS & ECONOMICS
- HISTORY
- SOCIAL SCIENCES
- COMPUTERS
- MEDICINE
- POLITICS
- EDUCATION
- SCIENCE
- TECHNOLOGY
- PSYCHOLOGY
- LANGUAGE
- MATHEMATICS
- PHILOSOPHY
- LITERARY CRITICISM
- RELIGION
- MUSIC
- STUDT AIDS
- LAW
- PERFORMING ARTS
- FICTION
- FOREIGN LANGUAGE
- SPANISH
- ART
- FAMILY & RELATIONSHIPS
- HEALTH
- ARCHITECTURE
- SPORTS
- SELF-HELP
- REFERENCE
- NATURE
- LITERARY COLLECTIONS
- TRAVEL
- DRAMA
- TRANSPORTATION
- BODY, MIND & SPIRIT
- POETRY
- PHOTOGRAPHY



15 M

12 M

9 M

6 M

5 M

4 M

3 M

2 M

1 M

# 2002-2008 CUSTOMER USAGE REPORT







Customer Usage Statistics showing total ebrary revenue, number of customers, user sessions, searches, page views, prints and copies by Month

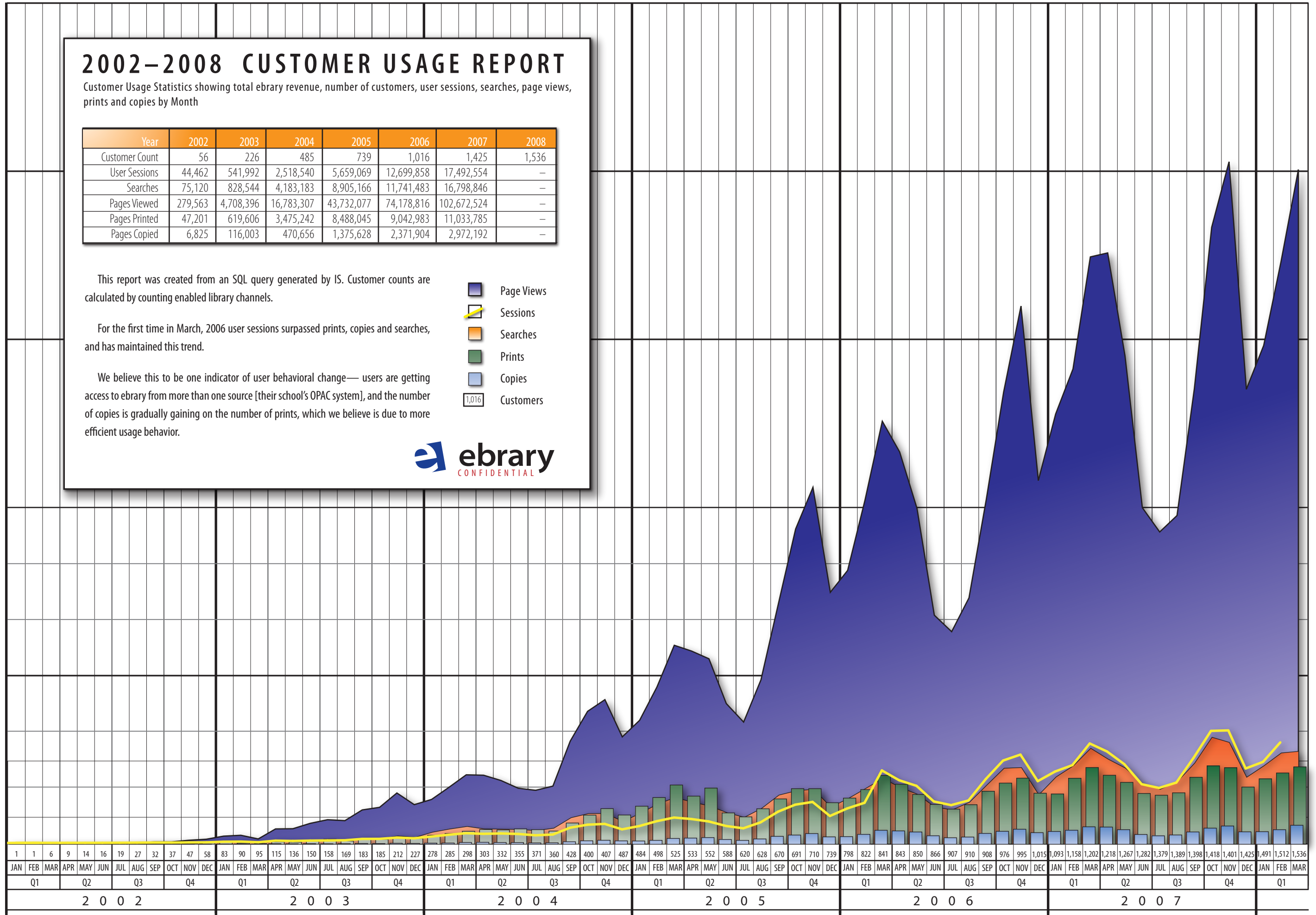
Year	2002	2003	2004	2005	2006	2007	2008
Customer Count	56	226	485	739	1,016	1,425	1,536
User Sessions	44,462	541,992	2,518,540	5,659,069	12,699,858	17,492,554	-
Searches	75,120	828,544	4,183,183	8,905,166	11,741,483	16,798,846	-
Pages Viewed	279,563	4,708,396	16,783,307	43,732,077	74,178,816	102,672,524	-
Pages Printed	47,201	619,606	3,475,242	8,488,045	9,042,983	11,033,785	-
Pages Copied	6,825	116,003	470,656	1,375,628	2,371,904	2,972,192	-

This report was created from an SQL query generated by IS. Customer counts are calculated by counting enabled library channels.

For the first time in March, 2006 user sessions surpassed prints, copies and searches, and has maintained this trend.

We believe this to be one indicator of user behavioral change— users are getting access to ebrary from more than one source [their school's OPAC system], and the number of copies is gradually gaining on the number of prints, which we believe is due to more efficient usage behavior.

-  Page Views
-  Sessions
-  Searches
-  Prints
-  Copies
-  Customers



1	1	6	9	14	16	19	27	32	37	47	58	83	90	95	115	136	150	158	169	183	185	212	227	278	285	298	303	332	355	371	360	428	400	407	487	484	498	525	533	552	588	620	628	670	691	710	739	798	822	841	843	850	866	907	910	908	976	995	1,015	1,093	1,158	1,202	1,218	1,267	1,282	1,379	1,389	1,398	1,418	1,401	1,425	1,491	1,512	1,536
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR												
Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4				Q1																										
2 0 0 2												2 0 0 3												2 0 0 4												2 0 0 5												2 0 0 6												2 0 0 7														

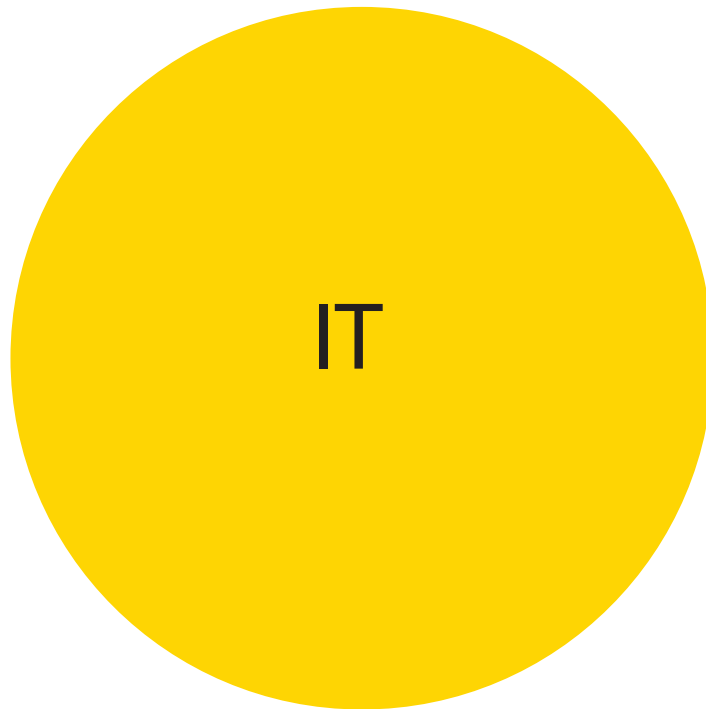
# Detailed Usage Statistics

## Month of 4/2008

Action	Peak/Minute	Peak/Hour	Month Total
API Access	50	820	223K
Authentication	406	3.2K	1.6M
Bookshelf	142	217	85K
Credit Card	1	2	98
New Account	42	99	20K
Plugin Download	52	785	277K
Search	638	5K	1.8M
Document Open	2176	82K	3.6M
Page View	851	36K	15M
Copy	61	1.7K	495K
Print	135	3.8K	1.2M
<b>Total User Actions</b>			<b>27M</b>
Unique Sessions	345	14K	2.3M
Unique Documents	215	2.3K	69K
Unique External IPs	206	1.8K	241K

# Libraries and their IT Departments

In many (unfortunate) cases, they have no common goal.



# Traditional “Data” Stewardship

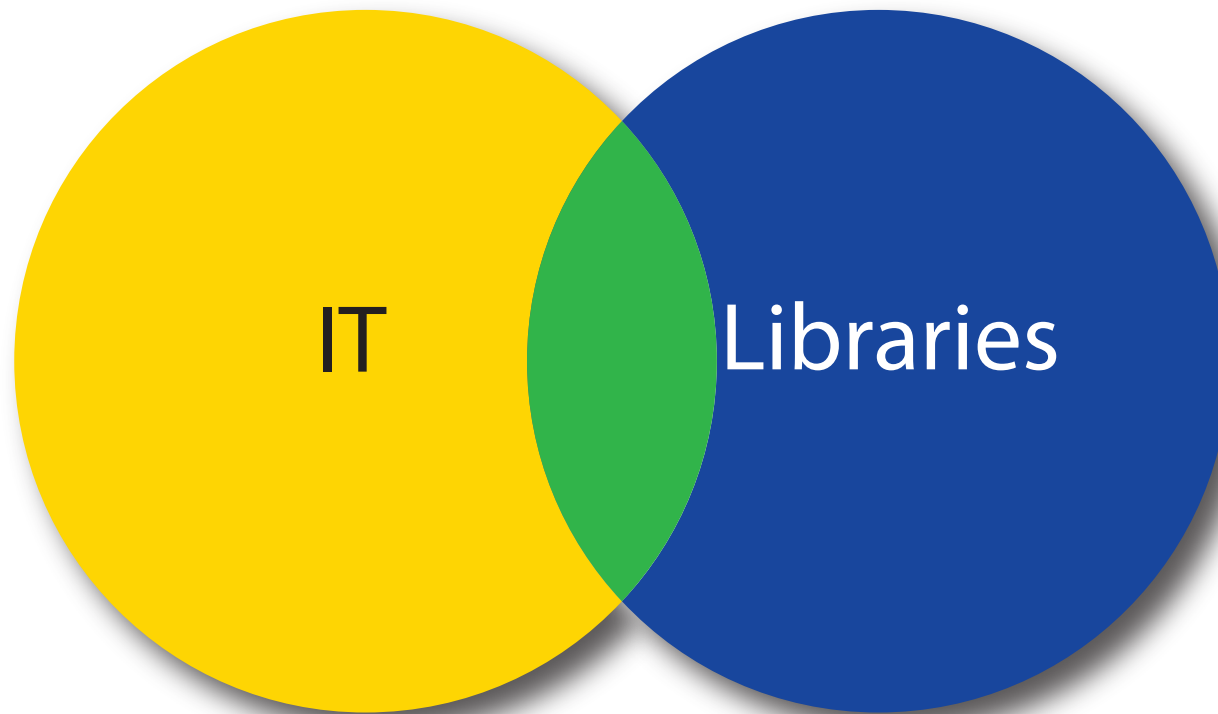
## Traditional Media

- Papyrus: 3000+ years and going strong
- Low acid paper: (1,000 years+)
- Film: 140 years
- Paint: 21,000 years and going strong (French cave paintings)



# Libraries and their IT Departments

It is better, when there is at least a common direction and vision.



# Digital Data Stewardship

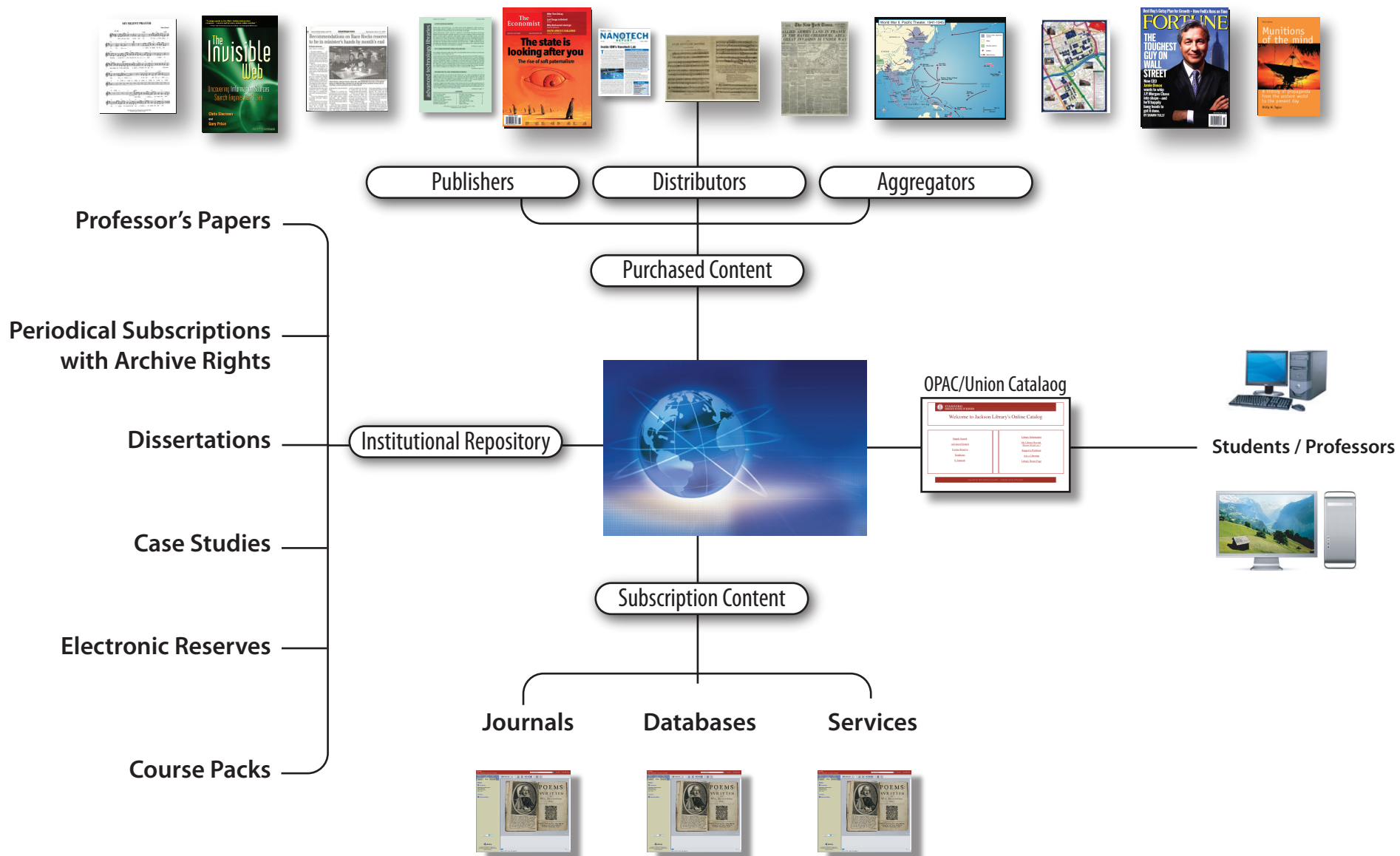
## Media Life vs. Data Life:

- Hard Disk life = ~5 years
- Tape life = ~7-10 years (Annual re-tensioning required)
- CD-ROM/DVD = ~20 years
- Data life= 1 day to "Forever"

# Libraries and their IT Departments

In some cases they are completely contained, or even IT driven





# Going Green? The Disk Drive Dilemma

- 1 PB = ~ 1,200 1 TB Disk drives W/Parity
- A disk drive takes ~ 15 watts:  
1,200 disks = 18 Kw @ \$.32 Kwh. (\$5.76/Hour) today
- 10 Years = 87,600 Hours
- 10 Power Cost: \$504,576.00
- Double that to cool it:  
\$1,009,152.00
- Better Estimate: \$2 Million



