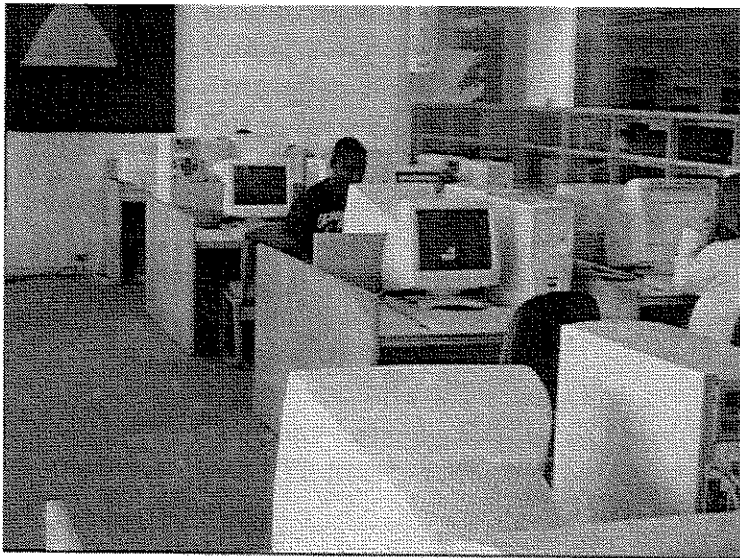


# Raymon H. Mulford Library

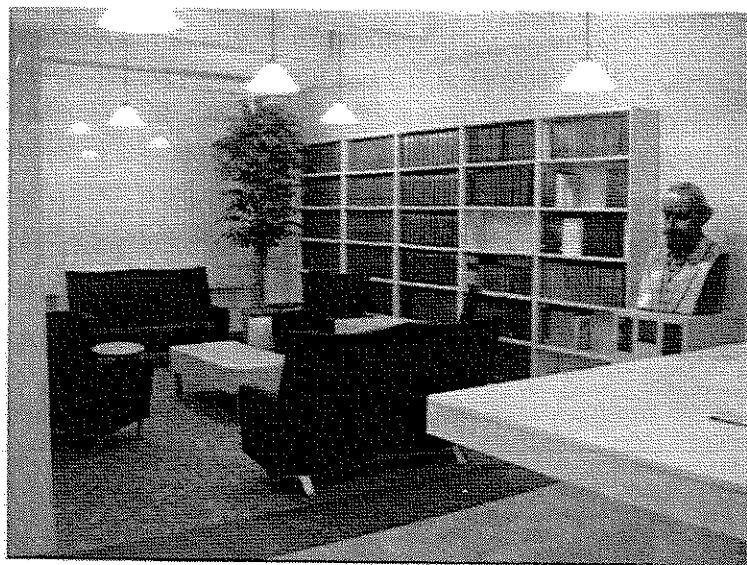
Annual Report  
2004-2005

## *Moving into the 21<sup>st</sup> Century*



The library as  
"virtual"

The library as  
"place"



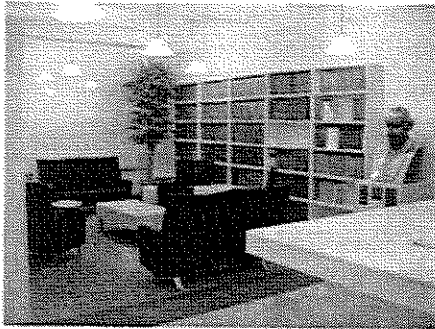
## Moving into the 21<sup>st</sup> Century: The Library as Virtual

- |      |   |   |
|------|---|---|
| 1991 | — | <ul style="list-style-type: none"><li>◆ 0% of library journals are available digitally</li><li>◆ New Library Director begins computerization and the evolution of a virtual library</li><li>◆ 18.0 FTE library staff</li></ul>  |
| 1993 | — | <ul style="list-style-type: none"><li>◆ Mulford Library joins OhioLINK consortium as a Founding Member</li><li>◆ Online Resources Room created with 10 public workstations</li><li>◆ Virtual online catalog goes live</li><li>◆ Renovation of offices and work areas; staff restructuring begins</li><li>◆ Patron-initiated statewide borrowing via OhioLINK begins</li></ul>   |
| 1994 | — | <ul style="list-style-type: none"><li>◆ Mulford Library launches its first homepage</li><li>◆ Mulford Library designs and implements the Medical Electives Database, a project listing electives information from all Ohio medical schools</li><li>◆ Eighty-nine serial titles cancelled</li><li>◆ Computer Learning Resource Center (CLRC) placed under the library</li><li>◆ 20.0 FTE library staff</li></ul>         |
| 1995 | — | <ul style="list-style-type: none"><li>◆ 0.28% of library journals are available digitally</li><li>◆ First electronic texts acquired (Harrison's and Little-Brown pocket series)</li><li>◆ Mulford Library partners with the AHEC Office to provide Outreach services and information education to clinicians in a twenty county area</li><li>◆ Library professionals craft the Library's first strategic plan</li></ul> |
| 1996 | — | <ul style="list-style-type: none"><li>◆ Card catalog is literally cut in half and carried out, marking the end of the traditional library</li><li>◆ Study carrels, study rooms and offices are wired with fiber optic</li><li>◆ 136 print journal titles are canceled for budgetary reasons</li></ul>   |

- |             |  |
|-------------|--|
| <b>1997</b> | <ul style="list-style-type: none"><li>◆ 8% of library journals are available digitally</li><li>◆ First online full-text journals become available to campus</li><li>◆ Older print journals (pre-1977) are moved to NW Ohio Depository</li><li>◆ 113 print journal titles are cancelled for budgetary reasons</li><li>◆ The Education Librarian provides a two hour session in MCO's first distance learning course for nurses.</li><li>◆ The MedReach system is inaugurated for rural physicians</li></ul>   |
| <b>1998</b> | <ul style="list-style-type: none"><li>◆ Librarians receive faculty appointments, begin serving on committees</li><li>◆ Library starts MED-4 elective in information management</li><li>◆ Internationally renowned "Instructions to Authors" website goes live</li></ul>  |
| <b>1999</b> | <ul style="list-style-type: none"><li>◆ 56% of library journals are available digitally</li><li>◆ Librarians begin participating as facilitators in MED-1 PBL</li><li>◆ The Library receives \$180,000 NLM grant to create a consortium of Toledo health sciences libraries into "Health Information Network"</li><li>◆ The Library receives \$23,000 NLM grant to support the information needs of health professionals who provide care for Hispanic community</li><li>◆ The Library received \$35,000 from NLM to create an online HIV- AIDS information directory for public health agencies in Northwest Ohio</li><li>◆ 23.75 FTE library staff - highpoint</li></ul> |
| <b>2000</b> | <ul style="list-style-type: none"><li>◆ "Point of Use" service instituted: librarians go to faculty locations</li><li>◆ Cochrane Collaboration - "Evidence Based Medicine" added as resource</li><li>◆ MCO "Faculty Publications Database" goes live</li><li>◆ MDConsult added as resource</li><li>◆ ASM electronic titles added (microbiology)</li></ul>  |
| <b>2001</b> | <ul style="list-style-type: none"><li>◆ Library adds remote authentication to resources via EZ Proxy</li><li>◆ Library adds citation-full-text links via PubMed "LinkOut" and OhioLINK "OLINKS."</li><li>◆ Classroom/Media Services placed under library administration</li></ul>  |

- |      |  |
|------|--|
| 2002 | <ul style="list-style-type: none"><li>◆ 64% of library journals are available digitally</li><li>◆ Library representation on Hospital's Operations Leadership Team</li><li>◆ Library and CLRC initiate proposal for a campus fee printing system</li><li>◆ Library crafts second strategic plan</li></ul>   |
| 2003 | <ul style="list-style-type: none"><li>◆ NEJM pricing changes; campus-wide access reverts to 5 stations, in-the-library-only access</li><li>◆ "UpToDate" clinical database purchased as a joint Library/Hospital sponsored resource</li><li>◆ Library begins electronic delivery of interlibrary loan requests</li><li>◆ Wireless technology is added to the library</li><li>◆ Library begins 'right sizing' staff to reflect the digital environment</li><li>◆ 21.75 FTE library staff</li></ul>   |
| 2004 | <ul style="list-style-type: none"><li>◆ 85% of library journals are available digitally</li><li>◆ Major facility renovation begins: skylights, carpets, study rooms...</li><li>◆ Five additional workstations added to fifth floor study area</li><li>◆ CLRC and Classroom/Media Services no longer part of Library</li><li>◆ PDA web resource site created and maintained with CLRC</li><li>◆ Virtual, live simultaneous campus-wide 'Chat' reference service added</li><li>◆ Reference Desk eliminated; "one stop" Assistance Desk opens</li><li>◆ First 'Health Literacy' session taught to MED-1 students</li><li>◆ 18.5 FTE library staff – an exchange of quantity for quality</li></ul> |
| 2005 | <ul style="list-style-type: none"><li>◆ Virtual 'Scholarly Commons – Institutional Repository' pilot project showcased</li><li>◆ "Point of Use" consultation/training service begins</li><li>◆ Major renovation completed to offer library as "information commons"</li><li>◆ Loss of 3.0 FTE, including Outreach Librarian, due to fiscal exigency</li><li>◆ 15.5 FTE library staff</li></ul>   |
| 2006 | <ul style="list-style-type: none"><li>◆ 95% of library journals are available digitally</li><li>◆ Major staff restructuring and re-purposing is effected</li><li>◆ Library releases Blog for its web page</li><li>◆ Library begins planning for institutional merger with University of Toledo</li></ul>   |

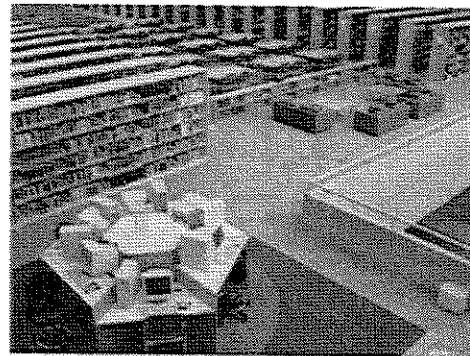
## Moving into the 21<sup>st</sup> Century: The Library as a Place



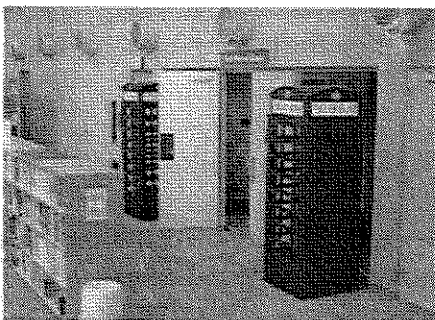
Renovation dominated FY05 for the library. It completed a major 30-year upgrade, begun in FY 04, that included exciting changes such as the creation of small group study rooms, relax areas, universal wireless access, additional computers and more.

Importantly, entirely new skylights were added, as well as new carpeting and a "Cell Phone Zone" to control that scourge of the digital age.

The renovation, however, was only a part of the envisioned transformation to the "Library of the Twenty-First Century," Freeman, in "The Library as Place," defines today's academic library as a space where students can study, meet, learn, relax, and create. It's an intellectual and social 'commons' where "new and emerging technologies can be combined with traditional knowledge resources in a user-focused, service-rich environment."\*



In an age of internet-fostered isolation, the library is a place that actually brings students together. The renovation, then, concentrated on adapting the facility to the evolutionary changes in student educational and social patterns.



So what remains to complete this transformation?

The 21<sup>st</sup> Century Library will be achieved when the facility is infused with interactive learning technologies. When it becomes a place where the discovery of intellectual content meets the digital tools for exploring, understanding and presenting it.

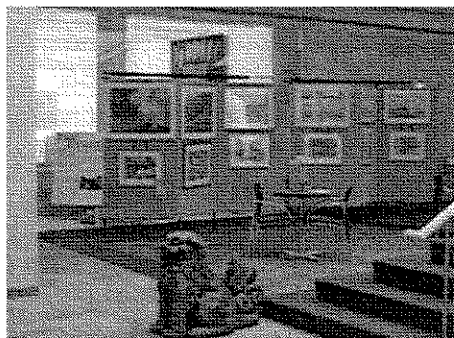
This could be accomplished through such efforts as creating technology-rich rooms on the 6<sup>th</sup> floor (south) for group study as well as for small group teaching, and the re-uniting of the CLRC with the library to create an effective one-stop, high-tech learning commons.

Special thanks to the **MUOT Foundation** for providing our beautiful new Access Services desk, to the **Friends of the Library** for donating a matching bookcase, to **Dr. Paul Brand** for exhibiting his stunning artwork and contributing a portion of the sales to the library, to **Mr. Donald Roberts** for excellent work in managing the renovation, and to the **library users** who accepted the noise and dust with grace.

\* Freeman GT. "The library as a place: changes in learning patterns, collections, technology, and use." In: Library as Place: rethinking roles, rethinking space. Council on Library and Information Resources: Washington, D.C., February 2005, p.1.

## More Than Just Books

Despite the power of remote access to information resources, the Library as “place” continues to be important to our users as a center for study, collaboration and cultural pursuit. While the Library’s collection and connection to “*all things health sciences*” is essential Mulford Library also serves as a diversion—a place to keep up with national and international events, recharge brains while surfing the Internet, commiserate with colleagues, stay in contact with family and friends who may be several thousand miles away, and even take a catnap.



Additionally, the Library strives to create a cultural atmosphere for the entire campus by displaying the works of local artists. The renovation created an open gallery-type atmosphere on the fourth floor and the new skylight provides ambient light.

This year the paintings of Dr. Paul Brand, Associate Professor, Physics and Cardiovascular Genomics opened the spring season as the library’s first cultural activity. Dr. Brand was kind enough to donate a percent of the sales of his work to the Library.

In late spring, Mr. Howard Burkert Sr., a local photographer, displayed his nature photography which included images from Alaska. More exhibits are planned for the coming academic year.

## For Users’ Convenience - One Desk Does It All !

One of the most significant events this year was the removal of the physical Reference Desk from the public services area. For many years the library had been tracking the amount and type of questions asked at the Reference Desk. As more library resources became available from the desktop, and users grew increasingly computer literate. While librarians still assist with more in-depth questions and with quality filtering, Internet search engines serve as the preferred option for quick answers by most library users.

A Customer Service Desk was created to act as a one-stop spot for providing customer assistance. The circulation staff was trained to answer quick questions, provide basic directions, help locate specific materials, check out books or request interlibrary loans, and handle simple computer and printer problems.

Reference librarians now multi-task, using their scheduled reference time to handle incoming reference calls, work with users virtually (online) though OhioLINK ‘Chat,’ and come out to the public services area or online room to assist with the more complex questions and to provide in-depth personal assistance or instruction.

### **Information Literacy**

One memorable session--- and probably ideal assignment this year was with a small group of GEMINI students from the College of Nursing who were beginning their scholarly projects. "What made the session great was that the students were learning what they needed to learn right when they needed it (point-of-use learning).

Librarians used a couple of the students' topics as springboards for talking about the overall research process (exploring a general topic and generating specific research questions) and the literature search process (sources for background information and cutting-edge research, including relevant resources beyond CINAHL; translating the topic into a precise database search; and obtaining copies of relevant articles and research instruments). Students find that if they can use a real project as the sample for learning information skills, they are more apt to understand and retain the process, and to ask questions that are more likely to reveal stumbling blocks and misconceptions..

### **Health Literacy**

Yet a new area for the library participation in the curriculum is Health Literacy for health professionals. This year, Director David Boilard who participates on the Health Literacy Task Force of Northwest Ohio taught a one hour introductory session on health literacy to first year medical students in the Physician, Patient & Society curriculum. Health literacy, also known as 'Clear Communications' concerns patients who are unable to read and/or are unable to understand medical information or physician instructions.

The issue has many implications, not only for the health of patients, but for the cost of health care, medical litigation, and even physician business practice. It is hoped that this session will become a formal part of the curriculum, and that a thread of health literacy can be developed that will lead through all years of medical education and into residency.

### **It's 8pm on Saturday. Is Anyone At the Library?**

In response to a query from the Council of Deans, the library collected and analyzed data on the hourly use of the library for two periods: October-December, 2004 and May-July, 2005. Checking hourly from 8:30 A.M. – 11:30 PM, staff counted the number of people in the library as well as the number using workstations in on the fourth and fifth floors.

The analysis strongly suggested that:

- ◆ Closing the library at midnight was reasonable on weekdays
- ◆ Adding 4 hours on Saturday and Sunday, and 2 hours on Friday is appropriate.

The library will attempt to make these changes in FY 2006; however, the loss of several FTE staff members will make this difficult.

## **Advances in 'Open Access' & Digital Resources**

No year is without surprises and the open access movement and developments in digital publishing are always sure to amaze. This year *Nucleic Acids Research* and *Toxicology Profiles* were both offered full-text, completely without charge or embargo restrictions. (Publishers typically will put an embargo on more recent information to ensure an active subscription base.) Prior to this year, *Nucleic* had cost the library \$2,124. We could not afford *Toxicology*.

Also:

- ◆ The Library added the Proquest Nursing Journals package, bringing to students, faculty and staff nurses full-text access in PDF format to journals such as *ANS*, *Critical Care Nursing*, *Diabetes Care*, *Emergency Nurse*, *Journal of Community Nursing* and many titles in gerontology, public health, health care administration, and health policy.
- ◆ OhioLINK began to reconsider statewide faculty support of publishing costs within BiomedCentral. Medical University of Ohio faculty have published 13 pieces in Biomed Central since 2003.
- ◆ A larger storage cart was purchased to hold a growing collection of DVD's, many of which are coming in conjunction with book purchases as accompanying material. Additionally, the library purchased three monographs this year that were available solely in PDF downloadable form. This required a new acquisitions procedure since no physical product was to be purchased
- ◆ Links to the Minutes of Board Meetings, Bylaws and Administrative Policies for the Medical University of Ohio were added to the library's catalog.

## **Library Bolsters Collection for New O.T. Ph.D. Program**

Everyone would agree that the library should support the programs offered on campus. However, when planning for new programs is underway or curriculum changes are implemented, the library is often the last to be notified.

This year was different. Sheryl Stevens, who develops the library's collection, contacted Occupational Therapy Chairman Julie Thomas and OT faculty members to determine additional resources the library would need to support the newly instituted PhD in O.T. With a \$1,250 investment, 25 books were recommended for purchase based on the experience of the O.T. faculty. Included were texts on social science research methodology and economic evaluation of health services. Many of the monographs are cross-disciplinary, compounding the investment.



## **“Scholarly Commons” Progress**

In late FY04, David Boilard and Scott Lapinski began introducing the concept of a digital “institutional repository” for the campus. The IR has two components:

1. A historical digital archive of important institutional documents

The archive will form an important tool not only for preserving the history of the institution through digital documentation and images, but provide an electronic means for faculty, staff, students and administrators to selectively access and use those documents.

2. A “Scholarly Commons” to hold the institution’s intellectual products

This component would hold faculty publications, presentations, and working papers, as well as student masters and other theses not held anywhere else. In addition to providing easy access to these products in one spot, effective metadata tagging will permit them to be ‘picked up’ by search engines such as Google Scholar. This will provide worldwide exposure to MUO’s faculty output.

Boilard, Lapinski, and Carolin Sterling moved ahead by creating a demonstration project using institutional photos and news clippings. Hearing support from the MUO Communications Department and the Academic SubCommittee of the Information Systems Advisory Committee, the Library submitted a small budget request to ISAC for a strong, dedicated server to fully implement the system.

## **What Lies Ahead**

What lies ahead for the Mulford Library? For one, the library plans to move more assertively into the clinical support arena. It will work more closely with clinicians and the hospital administration to support the patient care mission. Its databases will be linked to the clinical and patient portals, if all goes as envisioned, and the creation of a patient-to-library referral service will be investigated.

Also, the library intends employ more assessment of its services in order to understand what library users need. Librarians will begin conducting research on the ways in which users utilize resources and use information for research and decision making, as well as how well the physical facility and related services are functioning for them.

Finally, the library will begin designing support for old programs that have changed, such as MedReach (since the library lost its Outreach Librarian position), and new ones that have appeared, like the Center for Clinical Research.

### Selected Personnel Achievements

Mulford librarians continue to be highly active in professional organizations and community service initiatives on local and national levels.

- ◆ **Jolene Miller** was appointed to the Board of the Academic Library Association of Ohio (ALAO) a chapter of the Association of College & Research Libraries. (ACRL) Ms. Miller also had an article and a chapter published. Her title was changed from Education Librarian to Education Services Coordinator in light of her contributions to the vast development of this program from it's inception in 1995.
- ◆ **Marlene Porter** served on the OhioLINK SCOPUS evaluation task force, representing the health sciences library community in Ohio. SCOPUS is Elsevier's competitive product to the venerable Science Citation Index.
- ◆ **Carolyn Sterling** received her Master's Degree in Library & Information Science from Kent State University.
- ◆ **Sheryl Stevens**, Head of Bibliographic Control in the library was inaugurated as President of the Midwest Chapter of the Medical Library Association. The chapter covers membership in 10 states.
- ◆ **David W. Boilard** was appointed to the Editorial Board of the *Journal of the Medical Library Association*. He was also re-elected for a second year as Chair of the Board of Directors, Comprehensive Addiction System Services (COMPASS).

### Selected Personnel Losses

**Jonathan Hartmann**, M.L.S. departed the library in January due to the closing of his position for financial reasons. Hartmann has been with the library since 1994. Besides being Outreach Librarian, he also functioned as a reference and a project librarian.

**P. Scott Lapinski**, M.L.S. departed the library in June to take a job of increased responsibility elsewhere. As Computer Services Librarian, he pioneered campus proxy access service to databases and developed the Institutional Repository, among other library technological advances. He had been with the Mulford Library since 1997.

**Elizabeth Fabian**, Library Media Technical Assistant II and chief staff member in the Interlibrary Services office, passed away in February. She had been on the staff since 1986. She will be greatly missed.

## **Access and Business Services**

## **Access Services Summary**

### **Interlibrary Services**

The borrowing/lending/photocopying of materials continued to decrease, dropping 10% for FY 05 and 33% for the most current five year period. In all likelihood, it is due to the increasing prevalence of both online and free online journals in full text that are available to libraries.

The decrease has helped with the redistribution of the workload after the death of staff member Elizabeth Fabian. Her duties were moved to the entire Access Services staff as they work at the Access Services Desk (Circulation Desk) on a trial basis. If it works, we will be able to redirect Mrs. Fabian's 1.0 FTE position to providing more library open hours.

The participation of St. Vincent Mercy Medical Center library as a virtual branch of the Mulford Library in the OhioLINK system continues to pay dividends. This year, St. Vincent's fulfilled 16% of our combined loans to OhioLINK library while borrowing only 6%. This helps the Mulford Library in meeting its obligation for lending at a level that is formulaically linked to its borrowing.

### **Entrance Count**

The library entrance count decreased 13% from 128,891 to 112,157. This followed a 5% increase for the previous year. The dramatic drop can be attributed to the major library renovation project that occurred during FY 05. Sections of the library were closed for part of the academic year, while the noise was pervasive throughout the year.

### **Library Use**

A rigorous head count of people using the library was conducted on an hourly basis from October through December 2005. The charts in this section of the annual report show:

- ♦ Use begins climbing at 10:30 a.m. weekdays, and begins declining at 9:30 p.m. The highpoint is at 3:00 p.m. with 35-40 users. By 11:00 – 11:30 p.m., there are only between 15 and 18 people remaining in the library.
- ♦ Use begins climbing at 11:30 a.m. on weekends, and begins dropping at 7:00 p.m. on Sundays and 6:00 p.m. on Saturdays. The high point is between 3:00 – 4:30 p.m. with an average of 50 users in the library.

Submitted by:  
David Remaklus, M.B.A.  
Manager of Access and Business Services

# **FISCAL YEARS – 2000/01 TO 2004/05**

## **INTERLIBRARY AND PHOTOCOPY SERVICES**

	2000/01	2001/02	2002/03	2003/04	2004/05
<b>Requests Filled</b>	9,085	7,784	9,155	7,791	7,001
<b>Requests Unfilled</b>	2,747	2,816	2,125	2,051	1,858
<b>Total Requests Received</b>	11,834	10,600	11,280	9,842	8,859

	2000/01	2001/02	2002/03	2003/04	2004/05
<b>Materials Borrowed</b>	5,431	4,888	3,593	3,348	3,027

	2000/01	2001/02	2002/03	2003/04	2004/05
<b>ILS Requests Processed</b>	17,265	15,488	14,873	13,190	11,886

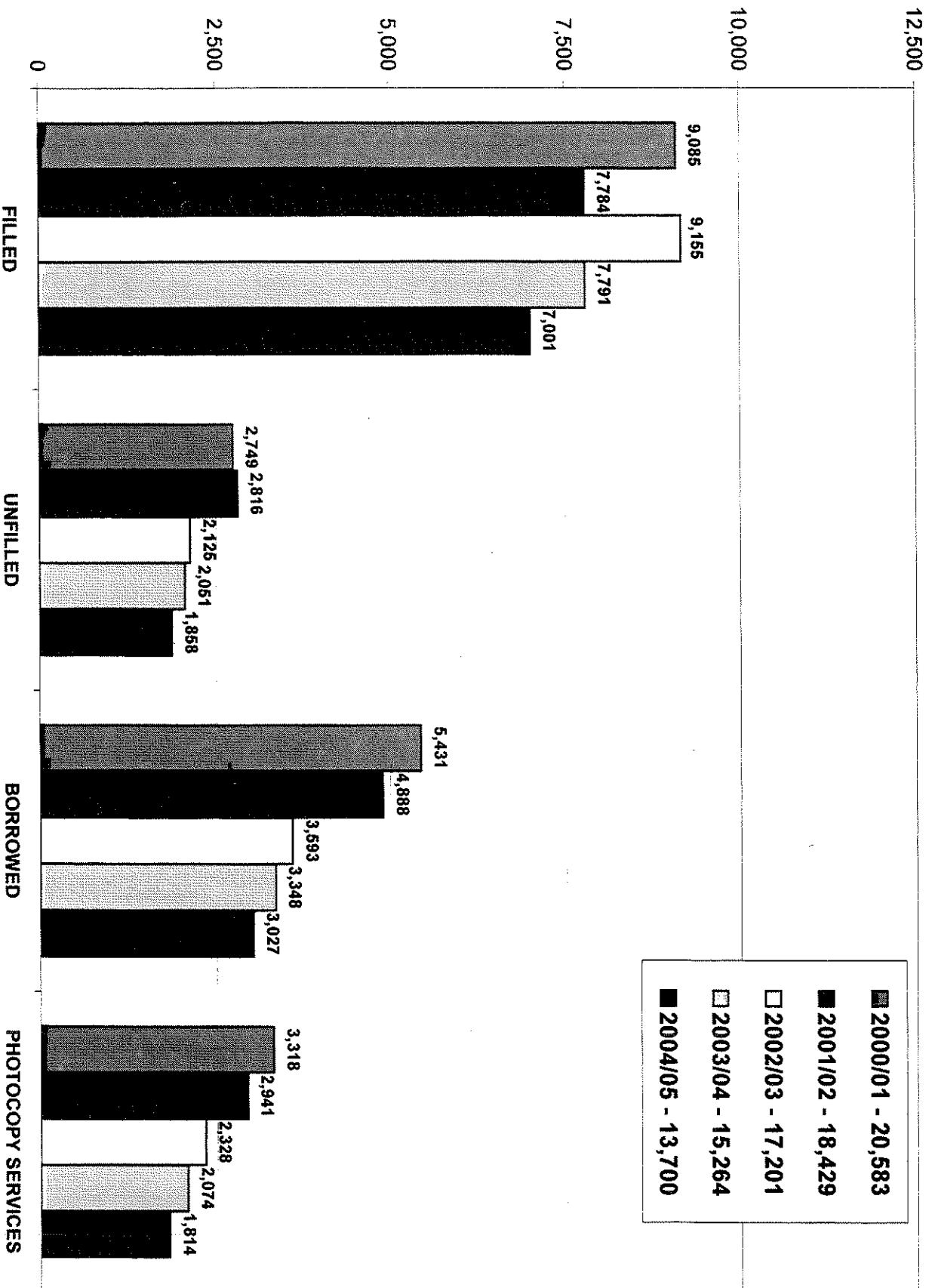
	2000/01	2001/02	2002/03	2003/04	2004/05
<b>Library Photocopied</b>	2,458	1,869	1,144	689	566
<b>Depository Filled</b>	860	1,072	904	660	416
<b>Digitally Transferred</b>	N/A	N/A	280	725	832
<b>Total Photocopy Service</b>	3,318	2,941	2,328	2,074	1,814

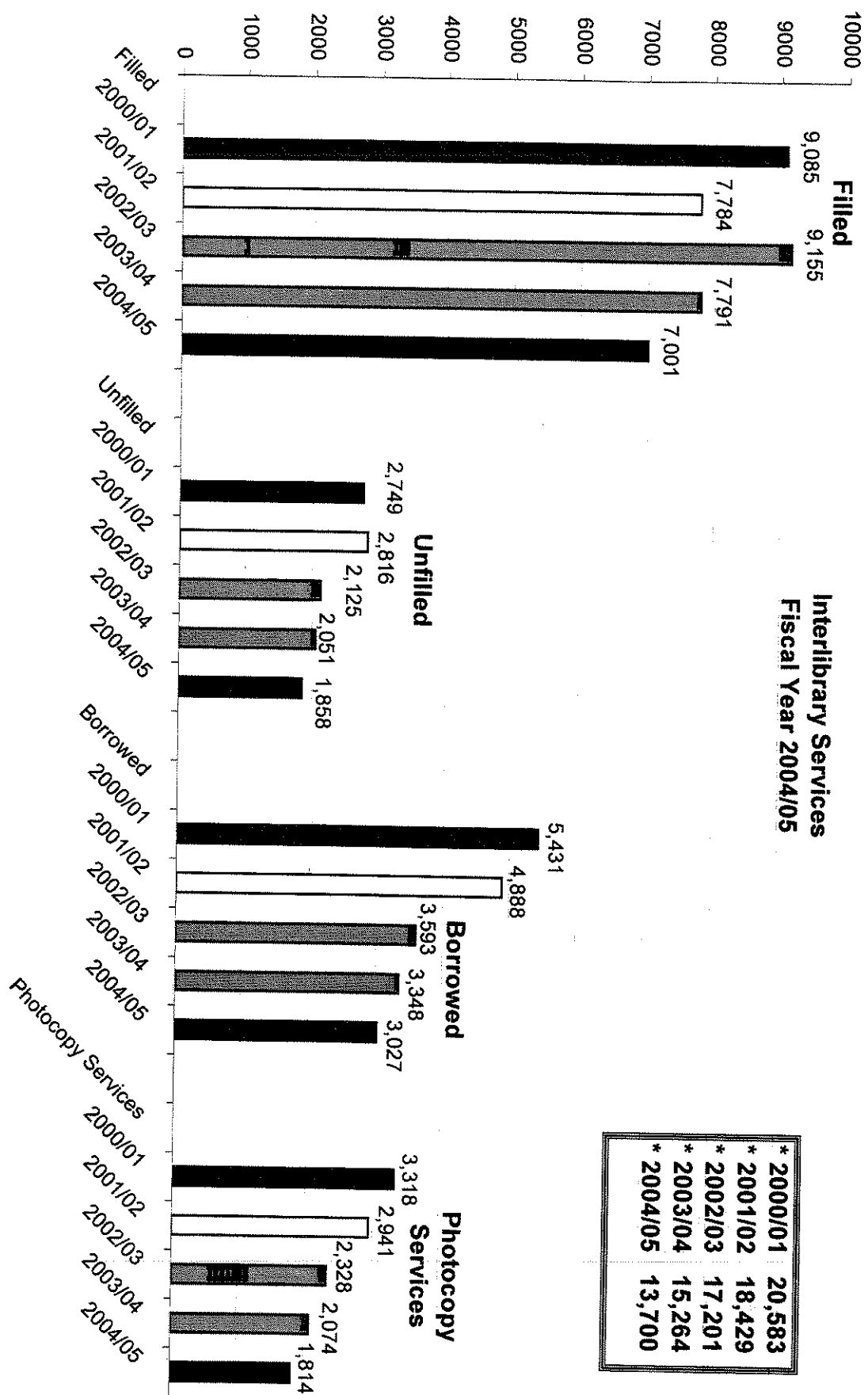
	2000/01	2001/02	2002/03	2003/04	2004/05
<b>Total Requests Processed</b>	20,583	18,429	17,201	15,264	13,700

**FISCAL YEAR 2004/05**  
INTERLIBRARY SERVICES

	FILLED	UNFILLED	TOTAL RECEIVED	TOTAL BORROWED	GRAND TOTAL
<b>PHOTOCOPY STATISTICS</b>					
OhioLINK Libraries	3610	642	4252	1898	6150
AHEC/HIN	474	0	474	0	474
(preceptor)	154	0	154	0	154
St. Vincent Hospital	292	18	310	19	329
Ohio Libraries (other)	306	132	438	8	446
Region 3	1553	457	2010	549	2559
BRI	0	0	0	2	2
NLM	0	0	0	130	130
Cinahl	0	0	0	23	23
United States	356	505	861	270	1131
International	21	18	39	0	39
Independent	150	8	158	0	158
<b>SUBTOTAL</b>	<b>6,916</b>	<b>1,780</b>	<b>8,696</b>	<b>2,899</b>	<b>11,595</b>
<b>BOOK STATISTICS</b>					
OhioLINK Libraries	9	14	23	10	33
AHEC/HIN	0	3	3	0	3
St. Vincent Hospital	25	2	27	44	71
Ohio Libraries (other)	18	18	36	0	36
Region 3	15	9	24	30	54
United States	17	27	44	17	61
International	1	1	2	1	3
Independent	0	0	0	0	0
<b>SUBTOTAL</b>	<b>85</b>	<b>74</b>	<b>159</b>	<b>102</b>	<b>261</b>
<b>AUDIO/VISUAL STATISTICS</b>					
OhioLINK Libraries	0	0	0	10	10
AHEC/HIN	0	0	0	0	0
St. Vincent Hospital	0	0	0	0	0
Ohio Libraries (other)	0	0	0	1	1
Region 3	0	0	0	2	2
United States	0	4	4	13	17
International	0	0	0	0	0
Independent	0	0	0	0	0
<b>SUBTOTAL</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>26</b>	<b>30</b>
<b>TOTAL REQUESTS PROCESSED</b>	<b>7,001</b>	<b>1,858</b>	<b>8,859</b>	<b>3,027</b>	<b>11,886</b>

# Interlibrary Services Fiscal Year 2004/05



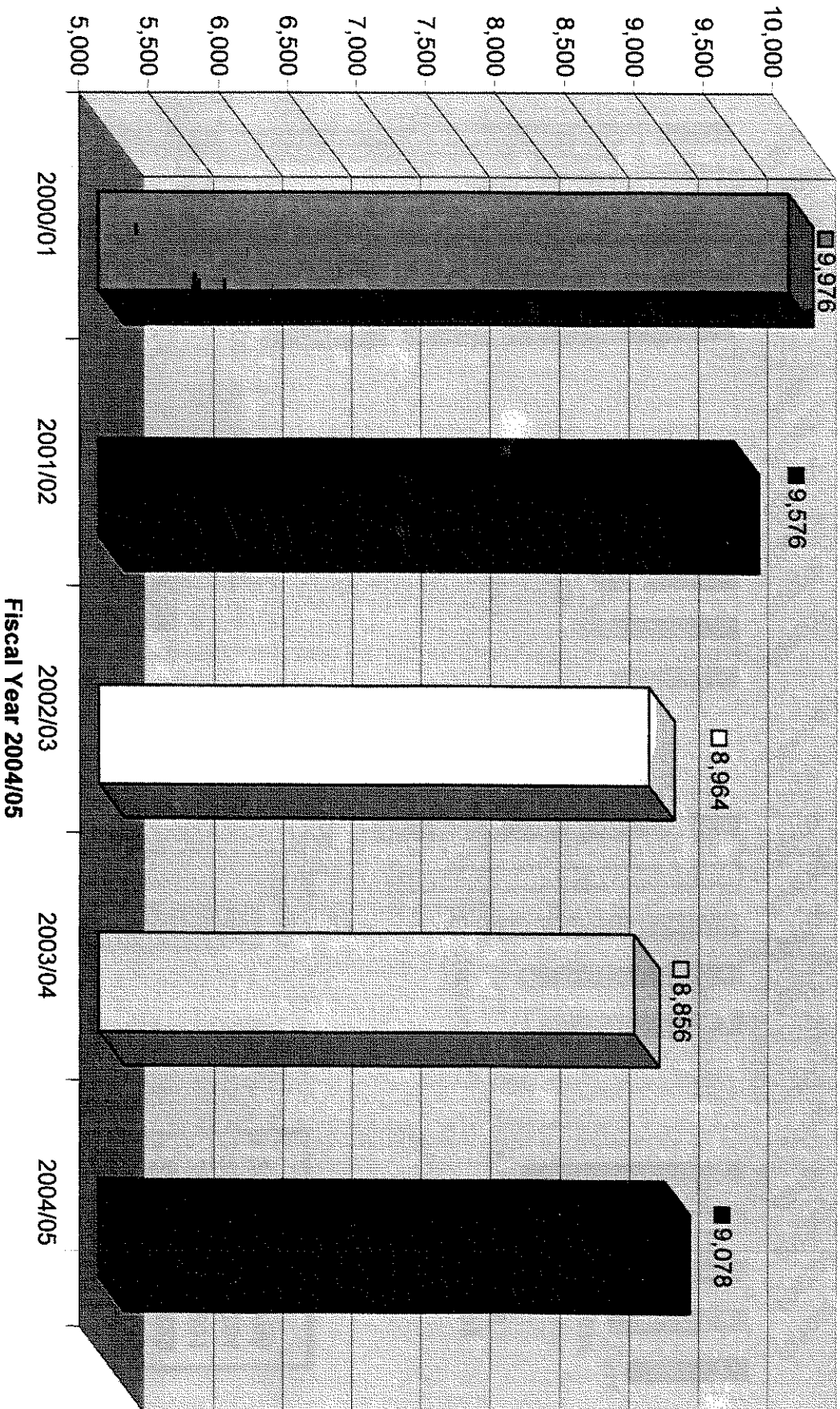


* 2000/01	20,583
* 2001/02	18,429
* 2002/03	17,201
* 2003/04	15,264
* 2004/05	13,700

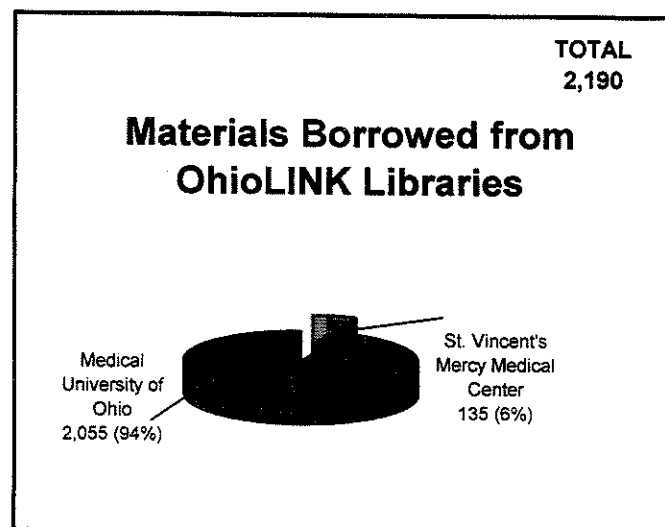
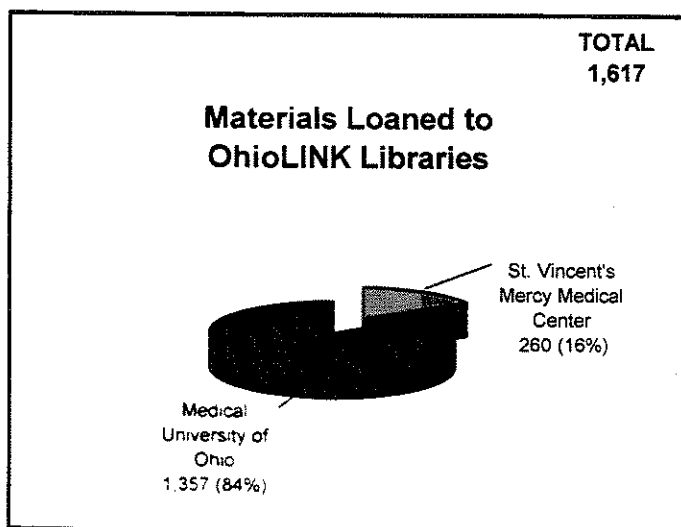
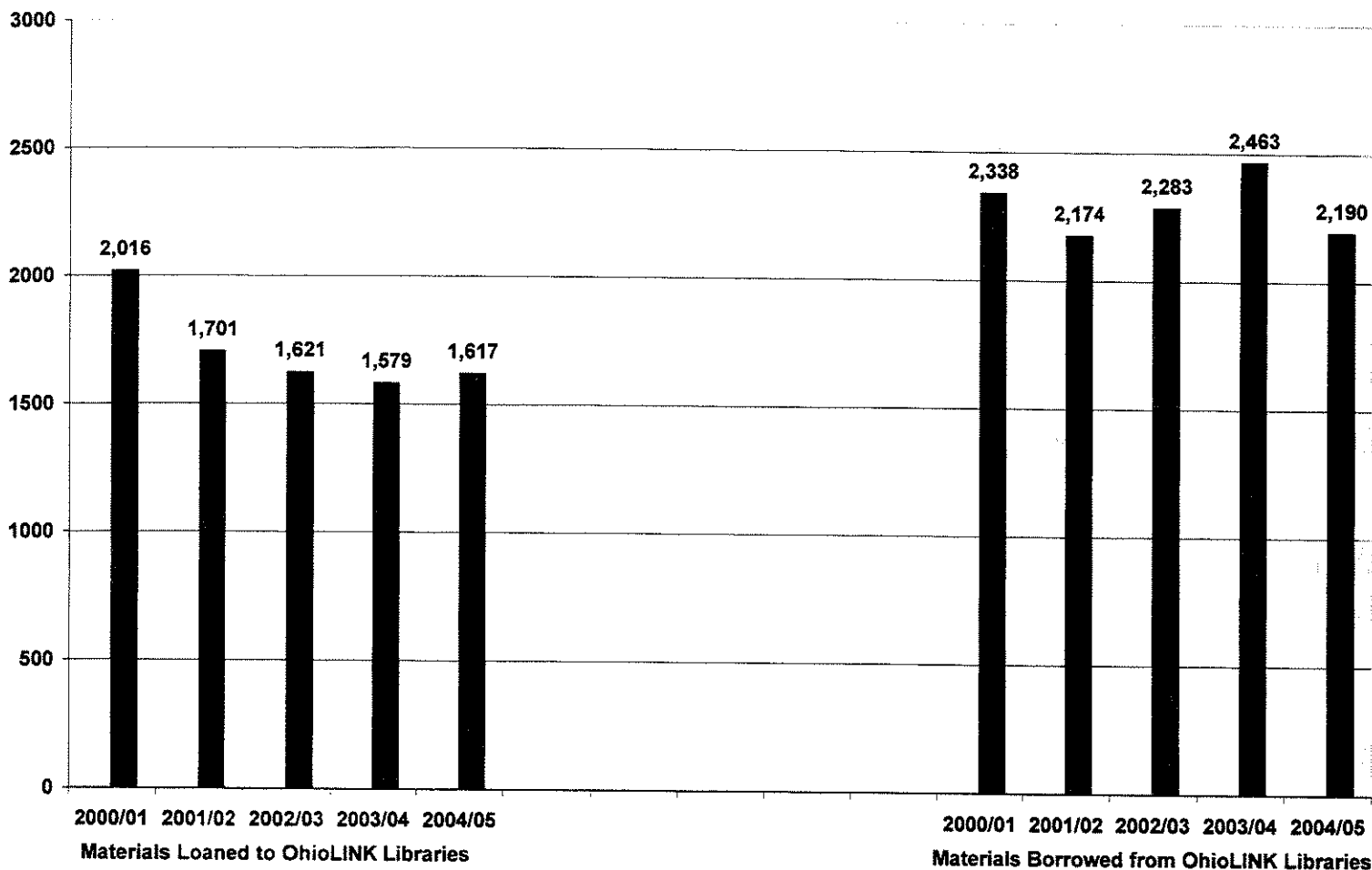


**MATERIAL TYPES**  
**FY 2004/2005**

Monographs	5,201
Serials	5
AV	88
Reserve	1,348
Electronic Materials	246
OhioLINK	2,190
<b>TOTAL</b>	<b>9,078</b>

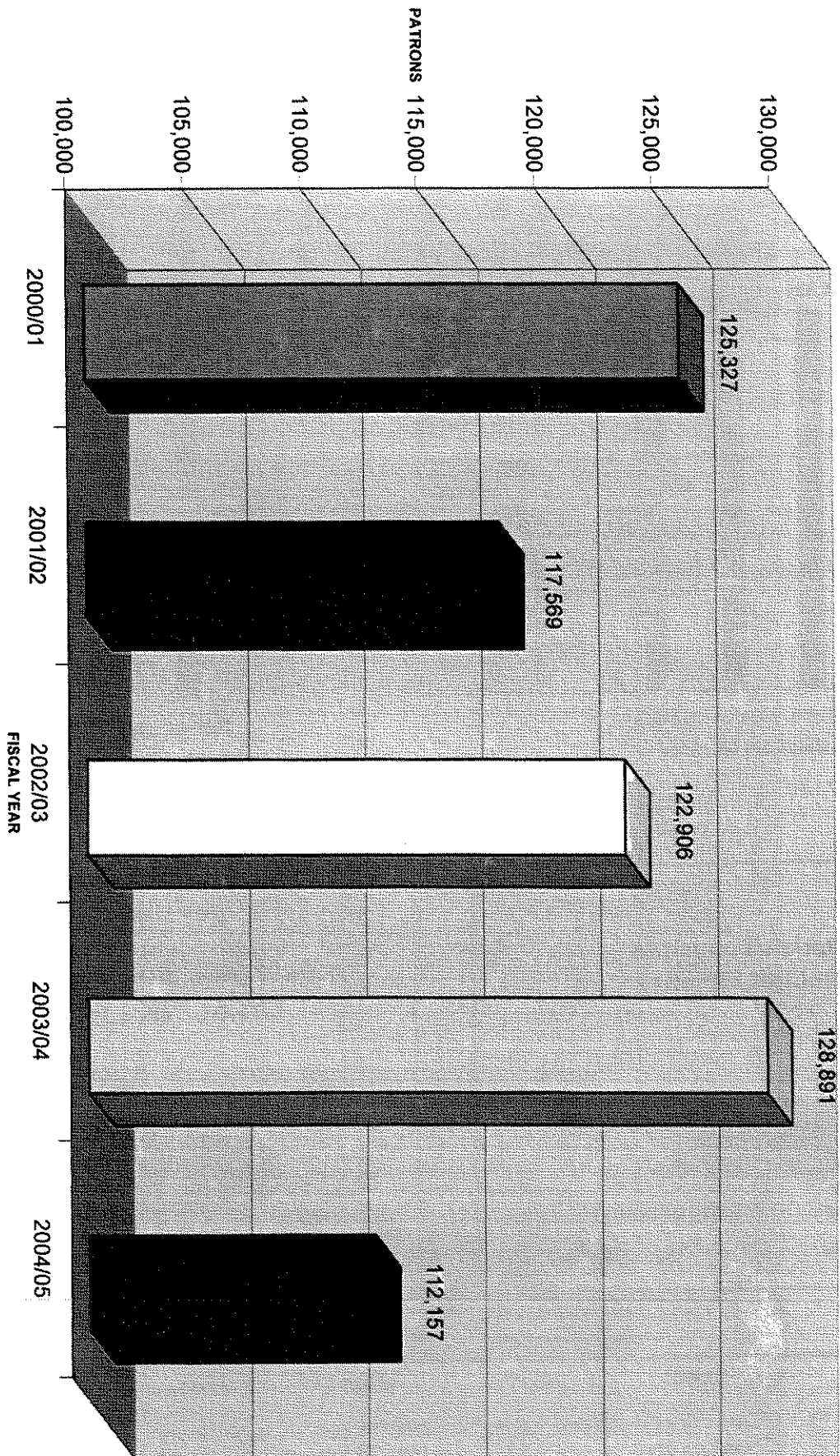


**Patron Initiated Circulation  
HIN Resource Libraries  
FY 2003/04**

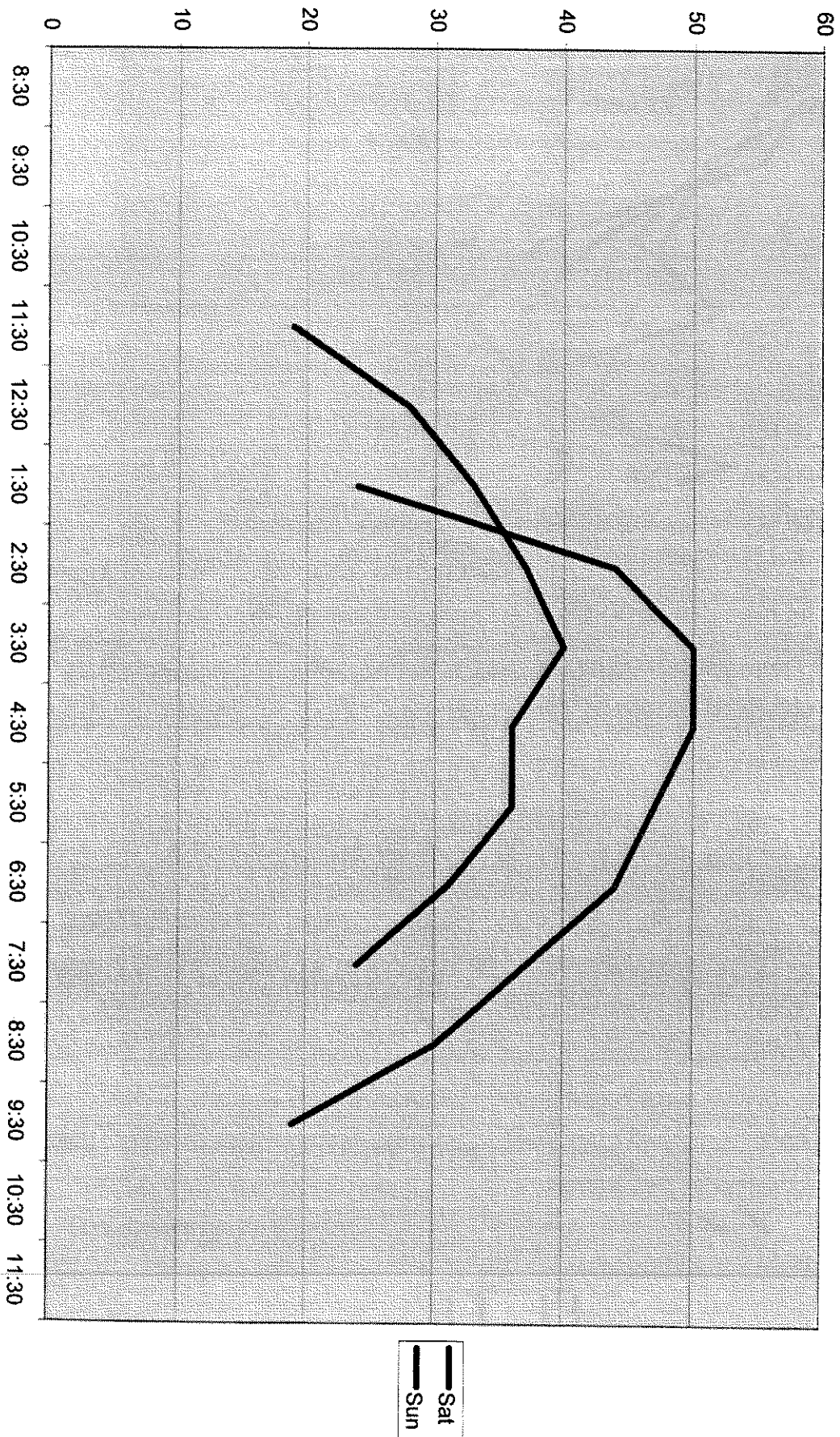


		2000/01		2001/02		2002/03		2003/04		2004/05
Loaned	41%	1,611	44%	1,701	42%	1,621	39%	1,579	42%	1,617
Borrowed	59%	2,276	56%	2,174	58%	2,283	61%	2,463	58%	2,190
Total	100%	3,887	100%	3,875	100%	3,904	100%	4,042	100%	3,807

# Library Entrance Count Fiscal Year - 2004/05

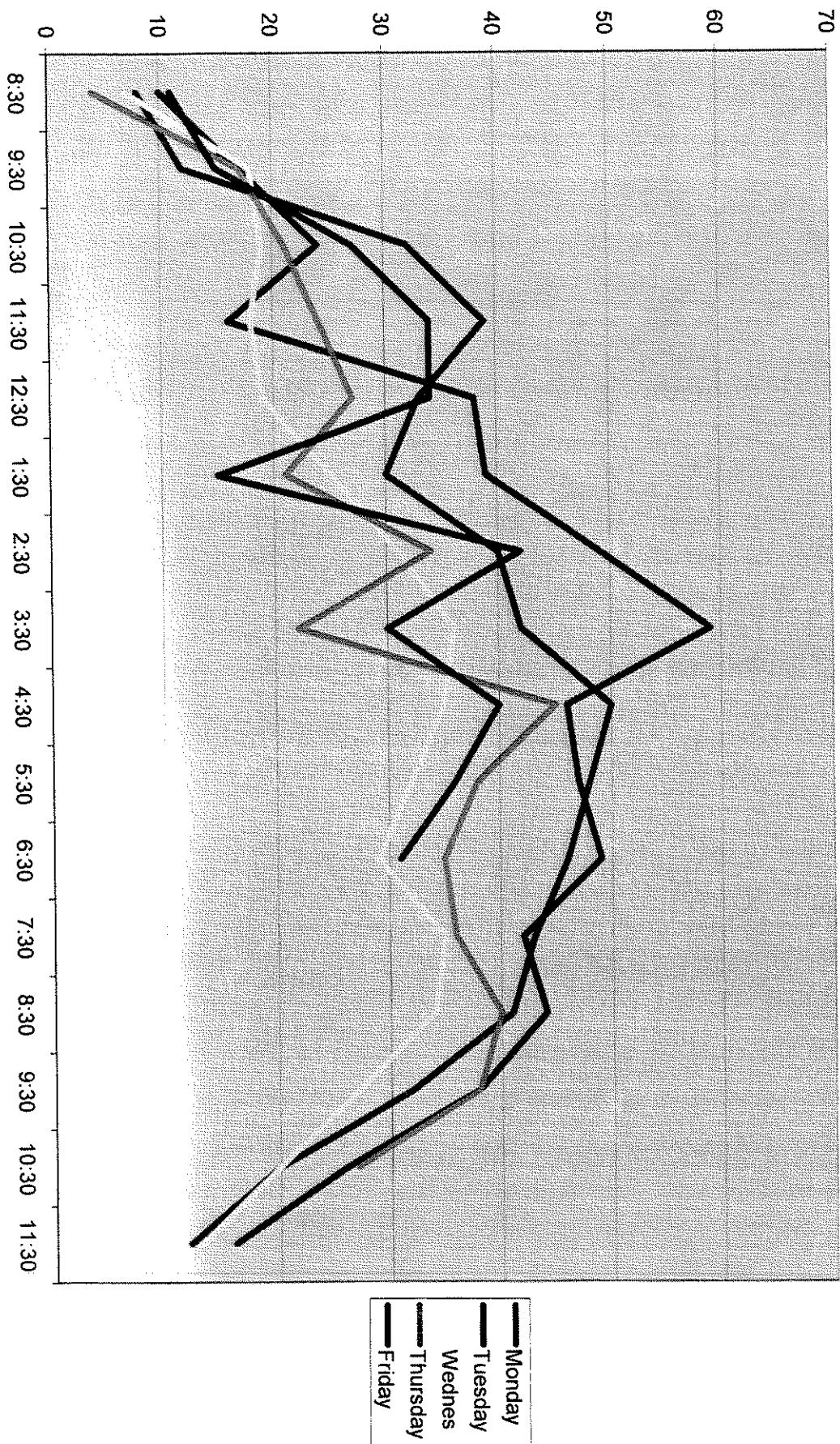


Average Number of Users By Hour on Weekend Days  
October - December 2005





**Average Number of Users By Hour on Weekdays**  
**October - December 2005**



**RAYMON H. MULFORD LIBRARY  
ACCESS SERVICES**

**REVENUE REPORT**

	2000/01	2001/02	2002/03	2003/04	2004/05
<b>Circulation</b>					
External	3,396.50	2,116.70	4,462.00	3,023.00	4,151.00
Crosscharge	0.00	0.00	0.00	0.00	0.00
<b>Subtotal</b>	<b>3,396.50</b>	<b>2,116.70</b>	<b>4,462.00</b>	<b>3,023.00</b>	<b>4,151.00</b>
<b>Interlibrary Services</b>					
External	25,412.50	22,442.56	23,828.00	18,338.00	15,776.00
Crosscharge	3,170.50	3,222.75	2,679.00	715.00	851.00
<b>Subtotal</b>	<b>28,582.65</b>	<b>26,665.31</b>	<b>26,507.00</b>	<b>19,053.00</b>	<b>16,627.00</b>
<b>ACCESS SERVICES TOTAL REVENUE</b>	<b>31,979.15</b>	<b>27,782.01</b>	<b>30,969.00</b>	<b>22,076.00</b>	<b>20,078.00</b>

**INTERLIBRARY ARTICLE RETRIEVAL EXPENSE**

	2000/01	2001/02	2002/03	2003/04	2004/05
<b>Vendor Expense</b>					
CINAHL	954.00	1,440.00	455.00	464.00	450.00
British Lending Library	780.00	447.00	47.00	74.00	213.00
Chemical Abstracts	N/A	53.00	70.00	0.00	0.00
CISTI	194.00	467.00	149.00	130.00	154.00
ISI	1,278.00	408.00	0.00	0.00	0.00
Proquest	510.00	155.00	0.00	0.00	148.00
<b>Total Vendor Expense</b>	<b>2,762.00</b>	<b>2,970.00</b>	<b>721.00</b>	<b>668.00</b>	<b>965.00</b>
Libraries	4,837.00	4,219.00	6,637.00	4,585.00	4,219.00
NLM	1,830.00	2,718.00	1,920.00	2,019.00	1,227.00
<b>TOTAL ARTICLE RETRIEVAL EXPENSE</b>	<b>11,411.00</b>	<b>9,907.00</b>	<b>9,278.00</b>	<b>7,272.00</b>	<b>6,411.00</b>

# **Bibliographic Control**

## Bibliographic Control Summary

### Staff

- Number of available FTEs remained at 2.5 (1 full-time librarian, 1 part-time librarian, & 1 full-time technical assistant).
- Part-time librarian resigned in May 2004 after Replacement will be hired in FY 2005/06.

### Acquisitions

- Expenditures on print books and audiovisuals decreased from \$43,951 to \$42,406 (-4.0%).
- Input solicited from Occupational Therapy faculty on enhancing book collection in support of new Ph.D. program. All recommendations purchased (total: \$1,516).
- Expenditures on electronic resources increased from \$52,936 to \$61,317 (17.1%).  
A third of the funds came from non-Library sources to help cover the cost of ***UpToDate***: \$4,826 from the hospital & \$15,968 from AHEC. Library covered the entire fee for ***MD Consult*** (\$21,500) as outside funds were no longer available. Subscription & product changes included: ***ProQuest Nursing & AccessMedicine*** were added; ***STAT!Ref*** was pared down to eliminate titles covered via ***AccessMedicine***; ***Harrison's Online*** was merged into ***AccessMedicine*** subscription; & ***Health & Psychosocial Instruments*** was cancelled.
- 205 digitized videos & electronic books from OhioLINK selected for Library's collection

### Cataloging

- 790 new items (including gifts & duplicate copies) cataloged for Library's collection and 461 items cataloged for St. Vincent branch library.
- New workflow established for cataloging electronic theses, dissertations, & scholarly projects.
- Changeover to new OCLC cataloging software completed.
- Methodology designed & implemented for globally updating 4,000+ records in online catalog requiring editing due to institution name change.



## Journals

- Expenditures decreased from \$453,981 to \$382,365 (-15.6%). Over half (54.2%) went to OhioLINK to cover Electronic Journal Center licensing fees.
- Number of paid print subscriptions dropped from 302 to a new all-time low of 228 (-11.1%). Number of total paid unique subscriptions (print & electronic) increased from 2,727 to 3,073 (12.7%). At the end of FY 2003/04, only 7.4% of all active journals titles were print, while 92.6% were electronic. Of the 2,845 active electronic titles, 92.8% were OhioLINK titles (i.e., accessible via the Electronic Journal Center or EBSCOhost).
- EBSCO invoice data retrieved & posted electronically in INNOPAC acquisitions module.
- Current print journal shelving area relocated & reduced in size.

Prepared by: Sheryl R. Stevens, MSLS  
Head of Bibliographic Control  
July 20, 2005

## BOOK EXPENDITURES & STATISTICS

BOOK & NON-PRINT EXPENDITURES, LAST TWO FISCAL YEARS			
	FY 2003/04	FY 2004/04	% Change
Books	\$ 42,456	\$ 42,026	- 1.0 %
AVs, CDs, DVDs	\$ 1,495	\$ 177	- 88.2 %
Electronic Resources *	\$ 52,346	\$ 61,317	17.1 %
<b>TOTALS</b>	<b>\$ 96,297</b>	<b>\$ 103,520</b>	<b>7.5 %</b>

\* Includes aggregate online resources (e.g., MD Consult, Stat!Ref) that provide access to a variety of materials, such as full-text books, full-text journals, bibliographic citations, & article abstracts. Does not include subscriptions to individual electronic journals or any OhioLINK electronic journals. Note: \$42,600 (81.4%) of FY 2003/04 electronic resource funds came from non-Library sources; \$20,794 (33.9%) of FY 2004/05 electronic resource funds came from non-Library sources.

NUMBER OF BOOK & NON-PRINT ACQUISITIONS, LAST 2 FISCAL YEARS			
	FY 2003/04	FY 2004/05	% Change
<b>PURCHASED</b>			
Books	482	551	14.3 %
Audiovisuals	24	2	91.7 %
Electronic Resources *	7	7	0.0 %
<b>Total Purchased</b>	<b>513</b>	<b>560</b>	<b>9.2 %</b>
<b>GIFTS</b>			
Books	158	92	- 41.8 %
Theses/Dissertations **	33	45	36.4 %
Scholarly Projects **	58	91	56.9 %
AVs, CDs, DVDs	1	2	100.0 %
Electronic Resources *	0	0	N/A
<b>Total Gifts</b>	<b>250</b>	<b>230</b>	<b>- 8.0 %</b>
<b>TOTALS</b>	<b>763</b>	<b>790</b>	<b>3.5 %</b>

\* Aggregate online services (e.g., MD Consult) counted as one resource each

\*\* Received in electronic format only as of October 2004

## BOOK EXPENDITURES & STATISTICS

(continued)

BOOK & NON-PRINT EXPENDITURES BY GENERAL SUBJECT, FY 2004/05		
	Total Spent	% of Total
Clinical Sciences *	\$ 85,731	82.8 %
Basic Sciences	\$ 7,413	7.2 %
Nursing	\$ 3,053	2.9 %
Allied Health	\$ 2,501	2.4 %
All Other	\$ 4,822	4.7 %
<b>TOTALS</b>	<b>\$ 103,250</b>	<b>100.0 %</b>

*\* Includes expenditures of \$58,982 in electronic resources,  
\$20,794 of which were non-Library funds.*

BOOK & NON-PRINT PURCHASES, LAST 10 FISCAL YEARS	
FISCAL YEAR	NO. OF ITEMS
1995/96	579
1996/97	445
1997/98	588
1998/99	848
1999/00	827
2000/01	444
2001/02	405
2002/03	689
2003/04	513
2004/05	560
<b>TOTAL</b>	<b>5,898</b>

## JOURNAL EXPENDITURES & STATISTICS

COST & NUMBER OF JOURNAL SUBSCRIPTIONS, LAST 2 FISCAL YEARS			
	FY 2003/04	FY 2004/05	% Change
<b>EXPENDITURES</b>	<b>\$ 453,981</b>	<b>\$ 382,365</b>	<b>- 15.8 %</b>
<b>TOTAL TITLES *</b>	<b>2,879</b>	<b>3,231</b>	<b>12.2 %</b>
<b>PAID TITLES *</b>	<b>2,727</b>	<b>3,073</b>	<b>12.7 %</b>
Print	302	228	- 24.5 %
Electronic	2,425	2,845	17.3 %
<b>FREE TITLES</b>	<b>152</b>	<b>158</b>	<b>3.9 %</b>
Print	11	10	- 9.1 %
Electronic	141	148	5.0 %
<b>Added +</b>	<b>273</b>	<b>422</b>	
Print	6	1	
MCO Electronic +	5	118	
OhioLINK Electronic +	262	303	
<b>Cancelled</b>	<b>19</b>	<b>81</b>	
Unique Print	1	60	
Unique Electronic	0	2	
Print Duplicates of OhioLINK Electronic	1	14	
Electronic Duplicates of OhioLINK Electronic	0	1	
Print Duplicates of Free Electronic	1	4	
<b>Other</b>			
Discontinued by Publisher	4	5	
Switched from print to Electronic	3	5	

+ Excludes print duplicates (electronic copies of titles also received in print) & electronic duplicates (electronic copies of the same title from different vendors). Includes unique titles received with aggregate resources such as MD Consult & OhioLINK EBSCOhost databases).

# JOURNAL EXPENDITURES & STATISTICS

(continued)

ELECTRONIC JOURNAL COLLECTION PROFILE, AS OF JUNE 30, 2005		
	No. of Titles	% of Total
<b>Total Unique Titles</b>	<b>2,993</b>	<b>100.0 %</b>
Paid	2,845	95.1 %
Free	148	4.9 %
<b>Paid Unique Titles</b>	<b>2,845</b>	<b>100.0 %</b>
Local Electronic	204	7.2 %
OhioLINK Electronic	2,461	92.8 %
<b>Print Duplicates * ~</b>	<b>146</b>	
Local	144	
OhioLINK	2	
<b>Electronic Duplicates + ~</b>	<b>801</b>	
<b>Selectively Available or Delayed Availability ~</b>	<b>961</b>	
<b>Discontinued/Dead Titles ~</b>	<b>603</b>	

\* Electronic copies also received in print  
+ Electronic copies of same titles from different vendor.  
~ Not included in unique title count

PAID SUBSCRIPTIONS : PRINT VS. ELECTRONIC, LAST 2 FISCAL YEARS				
	FY 2003/04		FY 2004/05	
	No. of Titles	% of Total	No. of Titles	% of Total
<b>Print</b>	<b>302</b>	<b>11.1%</b>	<b>228</b>	<b>7.4 %</b>
<b>Electronic</b>	<b>2,425</b>	<b>88.9%</b>	<b>2,845</b>	<b>92.6 %</b>
Local Electronic *	87	3.2%	204	6.6 %
OhioLINK Electronic *	2,338	85.7%	2,641	85.9 %
<b>TOTALS</b>	<b>2,727</b>	<b>100.0 %</b>	<b>3,073</b>	<b>100.0 %</b>

\* Excludes print duplicates (i.e., electronic copies of titles received in print) & electronic duplicates (electronic copies of same titles from different vendors).

# JOURNAL EXPENDITURES & STATISTICS

(continued)

PAID SUBSCRIPTIONS : LOCAL VS. OHIOLINK, LAST 2 FISCAL YEARS				
	FY 2003/04		FY 2004/05	
	No. of Titles	% of Total	No. of Titles	% of Total
<b>Local</b>	<b>389</b>	<b>14.3%</b>	<b>432</b>	<b>14.1 %</b>
Print	302	11.1%	228	7.4 %
Electronic *	87	3.2%	204	6.6 %
<b>OhioLINK Electronic *</b>	<b>2,338</b>	<b>85.7%</b>	<b>2,641</b>	<b>85.9 %</b>
<b>TOTALS</b>	<b>2,727</b>	<b>100.0%</b>	<b>3,073</b>	<b>100.0%</b>

PAID SUBSCRIPTIONS: LOCAL VS. OHIOLINK, LAST 6 FISCAL YEARS				
FISCAL YEAR	LOCAL TITLES	% OF TOTAL	OHIOLINK TITLES	% OF TOTAL
1999/00	910	49.8 %	918	50.2 %
2000/01	1,094	46.6 %	1,255	53.4 %
2001/02	1,049	42.5 %	1,418	57.5 %
2002/03	535	24.1 %	1,865	75.9 %
2003/04	389	14.3 %	2,338	85.7 %
2004/05	432	14.1 %	2,641	85.9 %

# JOURNAL EXPENDITURES & STATISTICS

(continued)

PAID SUBSCRIPTIONS : PRINT VS. ELECTRONIC LAST 9 FISCAL YEARS		
FISCAL YEAR	NO. OF PRINT TITLES	NO. OF ELECTRONIC TITLES
1996/97	946	86
1997/98	901	469
1998/99	896	512
1999/00	899	929
2000/01	886	1,463
2001/02	874	1,593
2002/03	317	2,083
2003/04	302	2,245
2004/05	228	2,845
NET CHANGE	- 718	+2,759

NUMBER OF PAID JOURNAL SUBSCRIPTIONS, LAST 10 FISCAL YEARS		
FISCAL YEAR	NO. OF TITLES	% CHANGE
1995/96	1,044	-11.0 %
1996/97	1,032	-2.0 %
1997/98	1,370	32.8 %
1998/99	1,408	2.8 %
1999/00	1,828	29.8 %
2000/01	2,349	28.5 %
2001/02	2,467	5.0%
2002/03	2,400	-2.7%
2003/04	2,727	13.6%
2004/05	3,073	12.7%
NET CHANGE	1,263	59.8%

## JOURNAL EXPENDITURES & STATISTICS

(continued)

JOURNAL SUBSCRIPTION EXPENDITURES : PRINT VS. ELECTRONIC, LAST 2 FISCAL YEARS				
	FY 2003/04		FY 2004/05	
	AMOUNT SPENT	% OF TOTAL	AMOUNT SPENT	% OF TOTAL
Print	\$ 113,364	25.0%	\$ 98,124	25.7 %
Electronic	\$ 340,617	75.0%	\$ 284,241	74.3 %
TOTALS	\$ 453,981	100.0%	\$ 382,365	100.0 %

JOURNAL SUBSCRIPTION EXPENDITURES: OHIOLINK FEES VS. TOTAL, LAST 7 FISCAL YEARS			
FISCAL YEAR	OHIOLINK FEES	TOTAL EXPENSES	% OF TOTAL
1998/99	\$ 16,767	\$ 494,423	3.4%
1999/00	\$ 17,934	\$ 548,925	3.3%
2000/01	\$ (6,755)	\$ 585,868	N/A
2001/02	\$ 197,945	\$ 566,260	35.0%
2002/03	\$ 222,945	\$ 392,637	56.8%
2003/04	\$ 272,727	\$ 453,981	59.9%
2004/05	\$ 207,132	\$ 382,365	54.2%
NET CHANGE	\$ 190,365	\$ - 112,058	



## JOURNAL EXPENDITURES & STATISTICS

(continued)

JOURNAL SUBSCRIPTION EXPENDITURES, LAST 10 FISCAL YEARS		
FISCAL YEAR	AMOUNT SPENT	% CHANGE
1995/96	\$ 464,921	2.2 %
1996/97	\$ 457,466	- 1.7 %
1997/98	\$ 470,197	2.7 %
1998/99	\$ 493,423	4.9 %
1999/00	\$ 548,925	1.2 %
2000/01	\$ 583,868	6.4 %
2001/02	\$ 566,260	- 3.0 %
2002/03	\$ 392,637	- 30.7 %
2003/04	\$ 453,981	15.6 %
2004/05	\$ 382,365	- 15.8 %
NET CHANGE	\$ - 72,572	- 17.0 %

## COLLECTION SIZE & COLLECTION MAINTENANCE COSTS

MULFORD LIBRARY COLLECTION SIZE AS OF JUNE 30, 2005	
<b>PRINT BOOKS</b>	36,485
<b>ELECTRONIC BOOKS</b>	2,261
<b>OTHER ELECTRONIC RESOURCES *</b>	11
<b>AUDIOVISUALS, CDs, DVDs</b>	752
<b>JOURNALS</b>	
Total Current Titles	3,073
Total Titles +	7,928
Total Print Volumes	116,567
<b>TOTAL VOLUMES</b>	<b>156,076</b>

\* Excludes electronic journals & OhioLINK databases. Aggregated resources (e.g., MD Consult, AccessMedicine) counted as one each.

+ Includes current, discontinued, & dead titles.

COLLECTION MAINTENANCE COSTS				
	FY 2003/04 TOTALS	FY 2004/05 TOTALS	FY 2003/04 AVERAGES	FY 2004/05 AVERAGES
Books	\$ 42,456	\$ 42,026	\$ 88.08	\$ 76.27
AVs, CDs, DVDs	\$ 1,495	\$ 177	\$ 62.29	\$ 88.50
Electronic Resources *	\$ 52,346	\$ 61,317	\$ 7,478.00	\$ 8,759.57
Journal Subscriptions	\$ 453,981	\$ 382,365	\$ 166.48	\$ 124.23
Print	\$ 113,364	\$ 98,124	\$ 375.38	\$ 497.21
Electronic	\$ 340,617	\$ 284,241	\$ 140.46	\$ 99.91
Binding	\$ 10,701	\$ 9,852	\$ 6.61	\$ 6.79
Cataloging **	\$ 3,574	\$ 3,868	\$ 4.68	\$ 4.90
<b>TOTALS</b>	<b>\$ 564,553</b>	<b>\$ 499,337</b>		

\* Excludes electronic journals; includes resources paid for with \$20,794 in non-Library funds

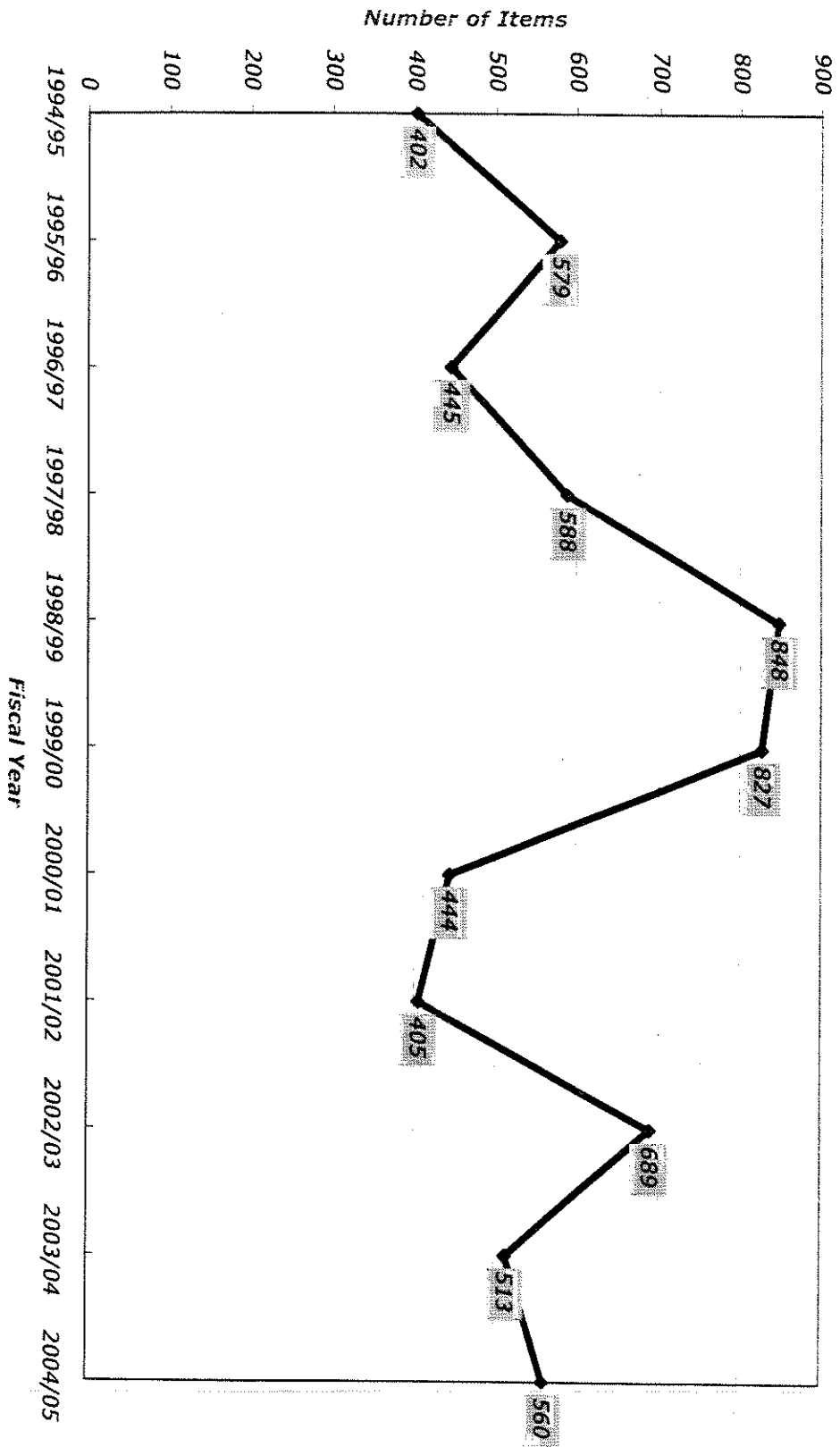
\*\* Excludes staff time

## JOURNAL EXPENDITURES & STATISTICS

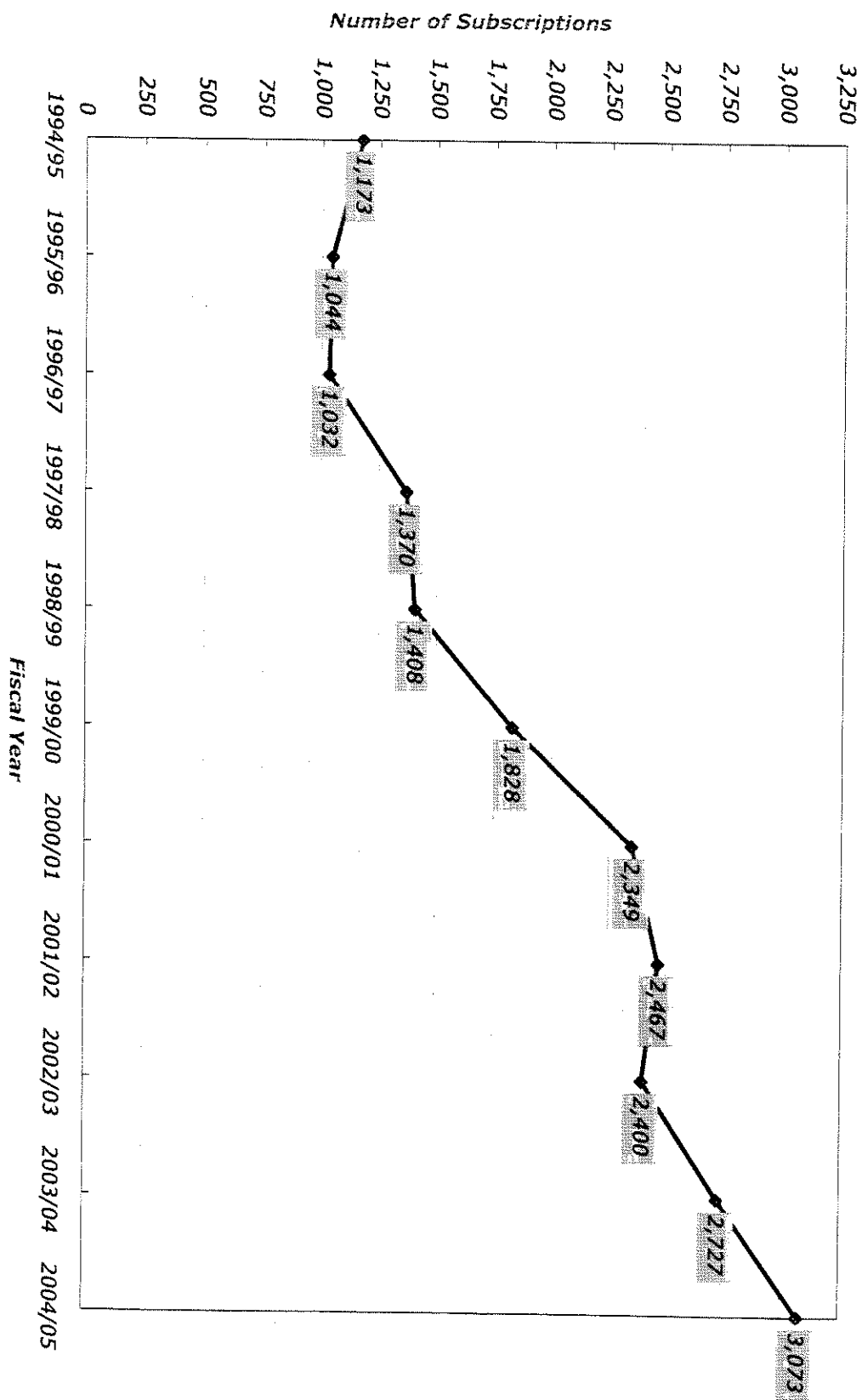
COST & NUMBER OF JOURNAL SUBSCRIPTIONS, LAST 2 FISCAL YEARS			
	FY 2003/04	FY 2004/05	% Change
<b>EXPENDITURES</b>	<b>\$ 453,981</b>	<b>\$ 382,365</b>	<b>- 15.8 %</b>
<b>TOTAL TITLES *</b>	<b>2,879</b>	<b>3,231</b>	<b>12.2 %</b>
<b>PAID TITLES *</b>	<b>2,727</b>	<b>3,073</b>	<b>12.7 %</b>
Print	302	228	- 24.5 %
Electronic	2,425	2,845	17.3 %
<b>FREE TITLES</b>	<b>152</b>	<b>158</b>	<b>3.9 %</b>
Print	11	10	- 9.1 %
Electronic	141	148	5.0 %
<b>Added +</b>	<b>273</b>	<b>422</b>	
Print	6	1	
MCO Electronic +	5	118	
OhioLINK Electronic +	262	303	
<b>Cancelled</b>	<b>19</b>	<b>81</b>	
Unique Print	1	60	
Unique Electronic	0	2	
Print Duplicates of OhioLINK Electronic	1	14	
Electronic Duplicates of OhioLINK Electronic	0	1	
Print Duplicates of Free Electronic	1	4	
<b>Other</b>			
Discontinued by Publisher	4	5	
Switched from print to Electronic	3	5	

+ Excludes print duplicates (electronic copies of titles also received in print) & electronic duplicatates (electronic copies of the same title from different vendors). Includes unique titles received with aggregate resources such as MD Consult & OhioLINK EBSCOhost databases

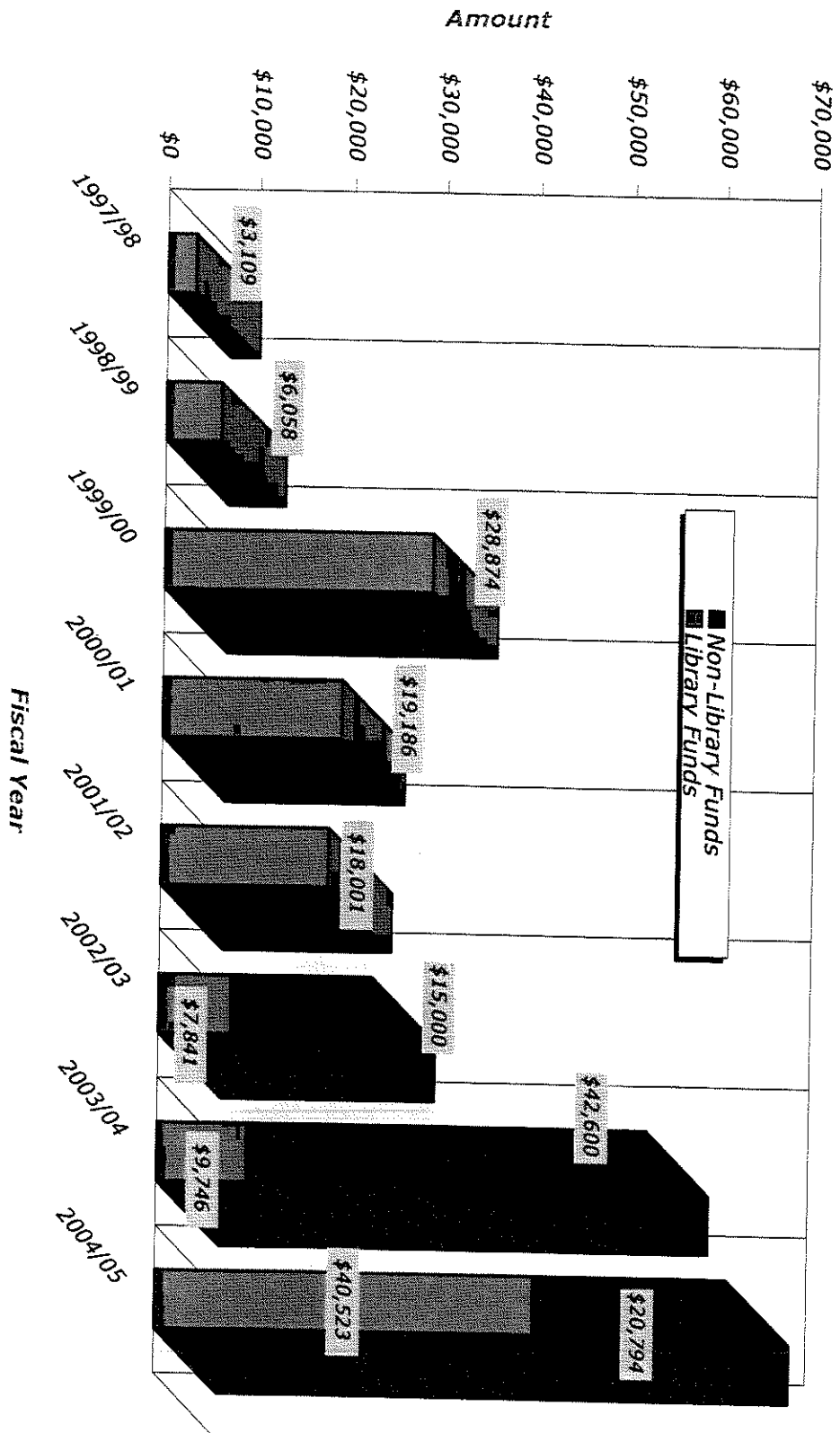
## Books & Non-Print Items Purchased: Last 10 Fiscal Years



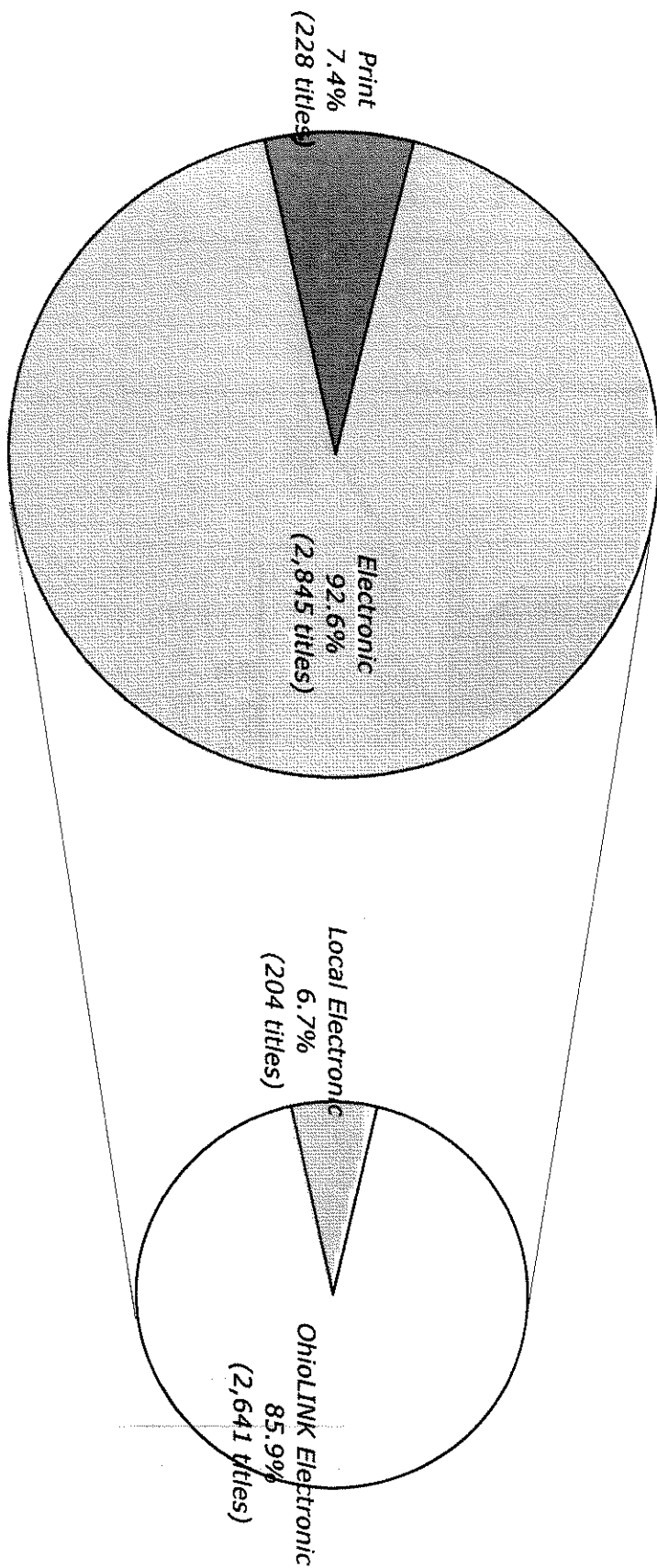
## Paid Journal Subscriptions: Last 10 Fiscal Years



# Electronic Resource Expenditures: Last 8 Fiscal Years



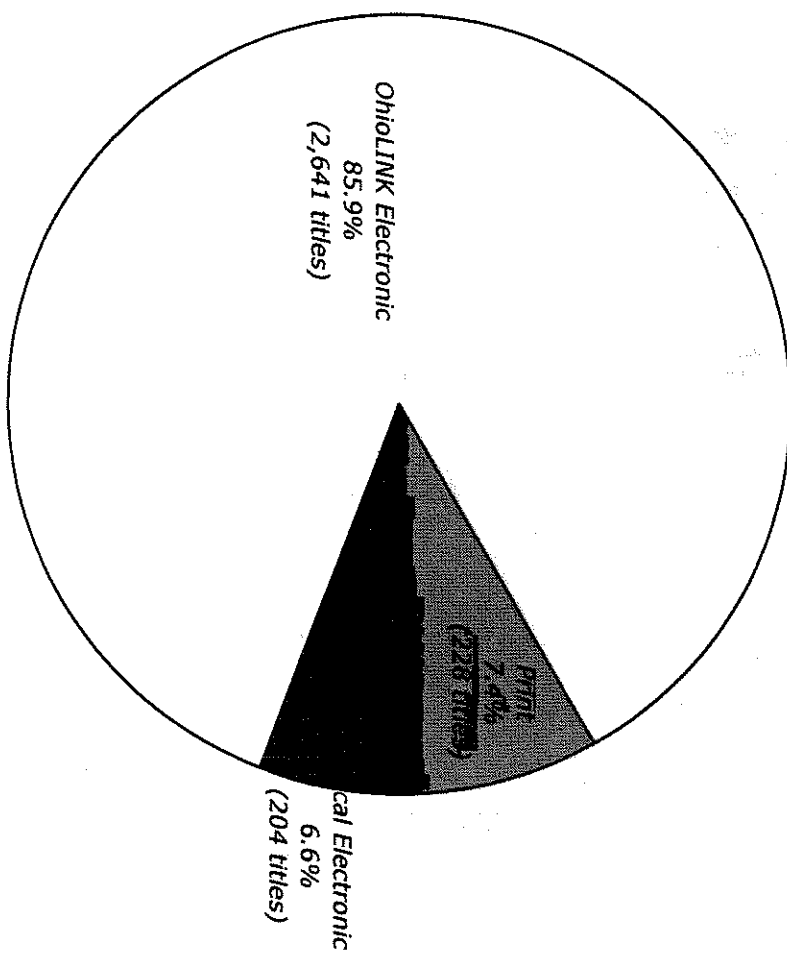
# **Journal Subscriptions: Print vs. Electronic** **FY 2004/05** (excludes print & electronic duplicates)



# Journal Subscriptions: Print vs. Electronic

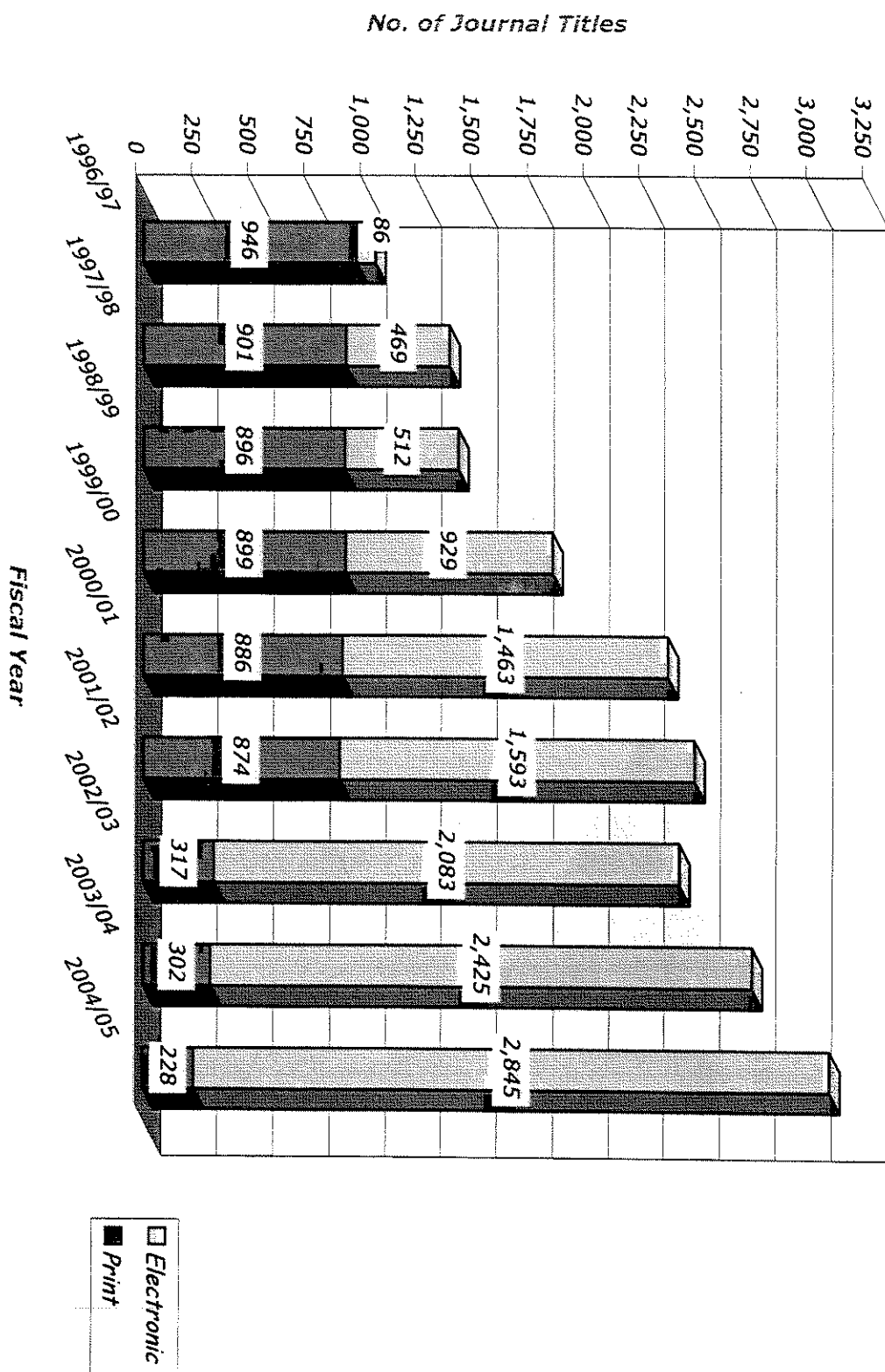
**FY 2004/05**

(excludes print & electronic duplicates)

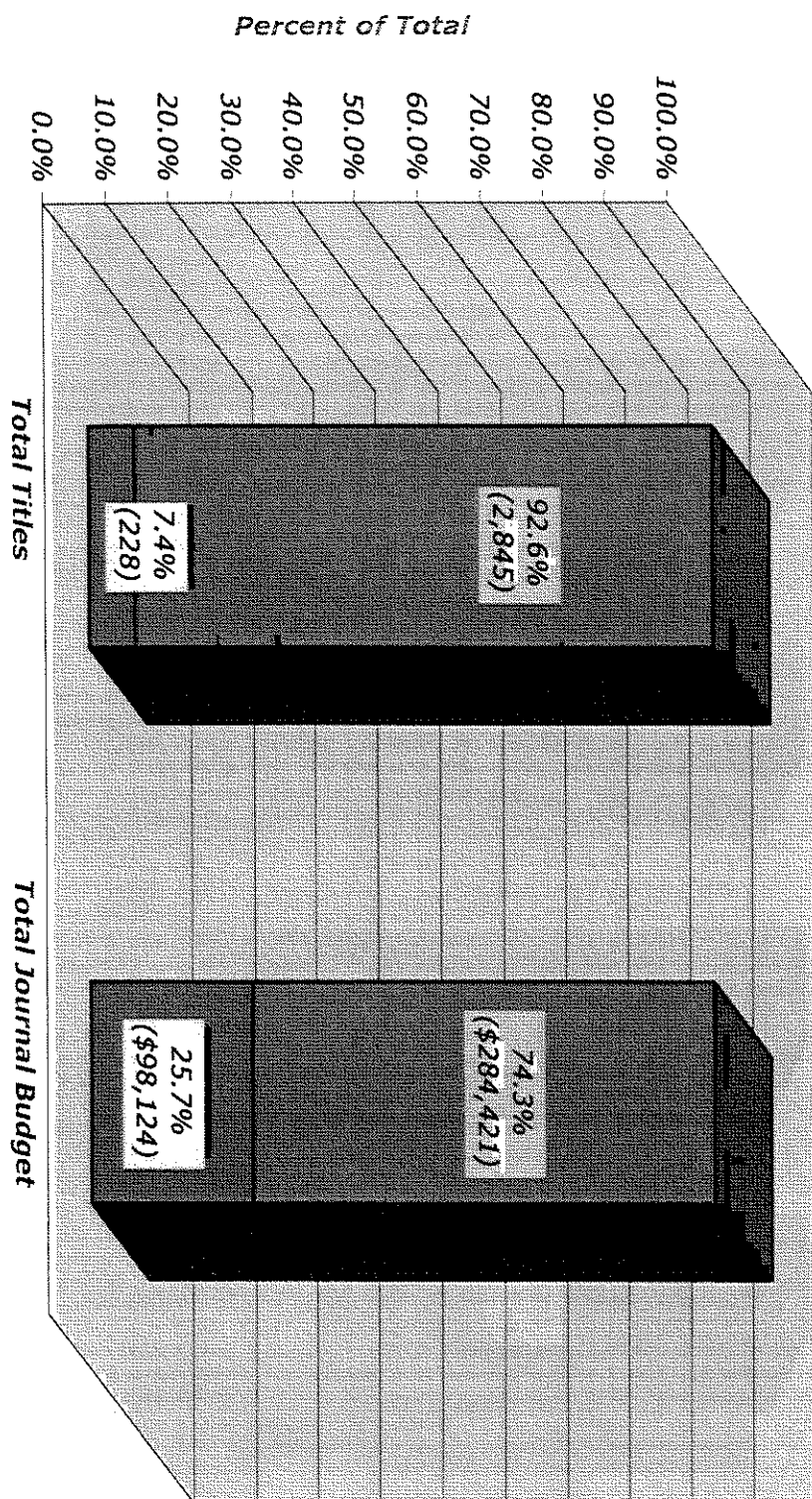




# **Paid Journal Subscriptions: Print vs. Electronic** **Last 9 Fiscal Years**



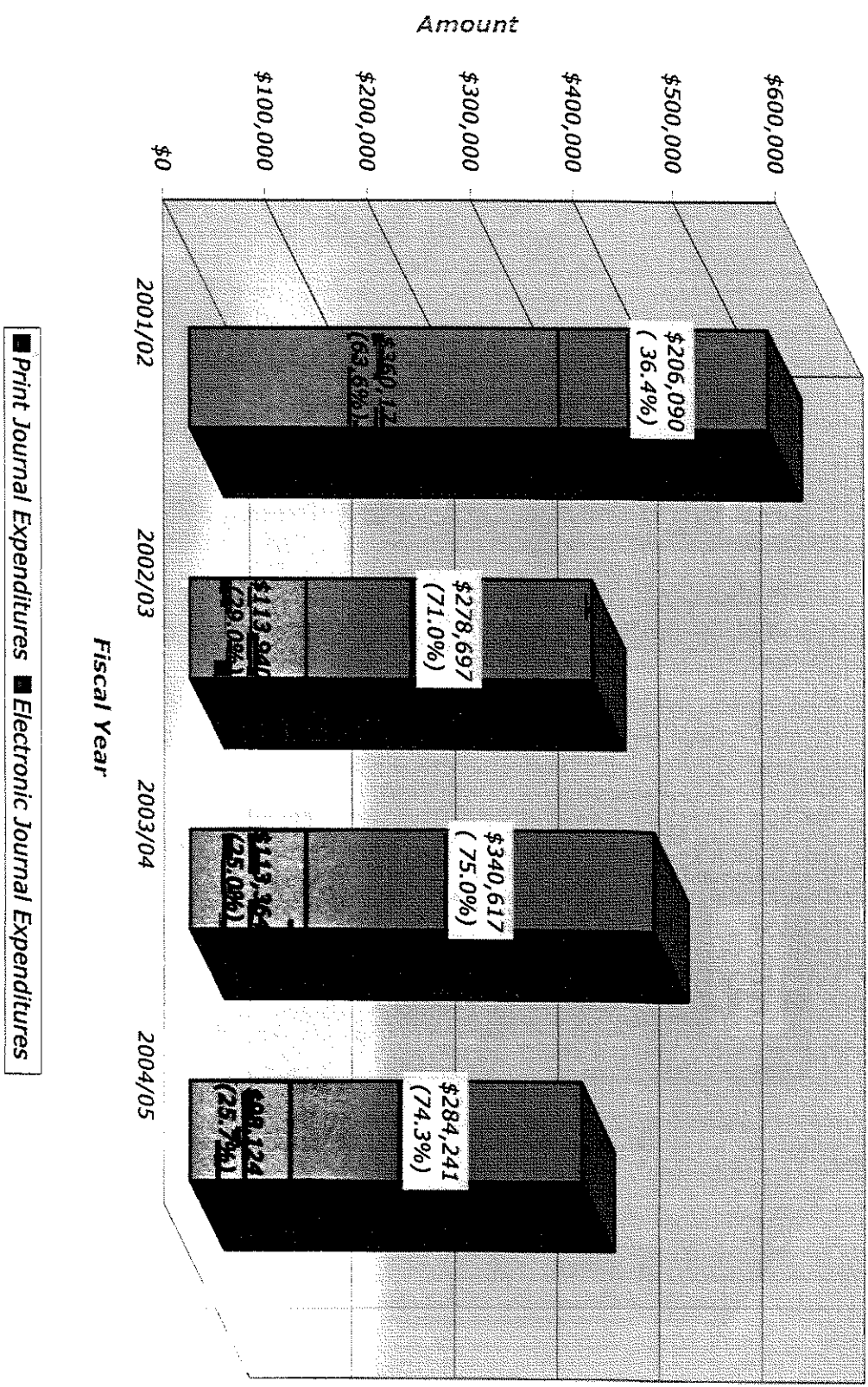
# **Print & Electronic Paid Subscriptions: % of Collection vs. % Spent, FY 2004/05**



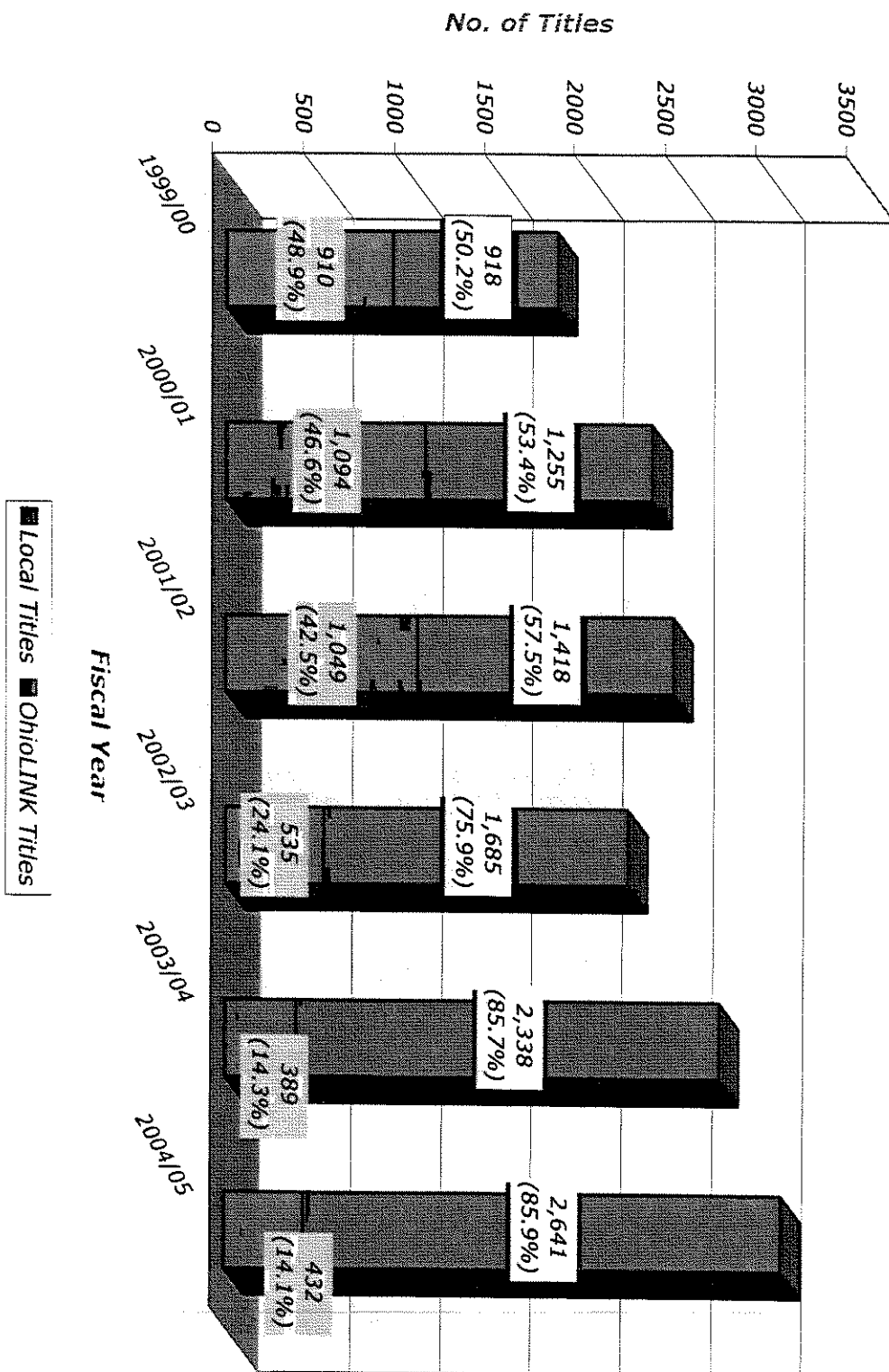
■ Print

■ Electronic

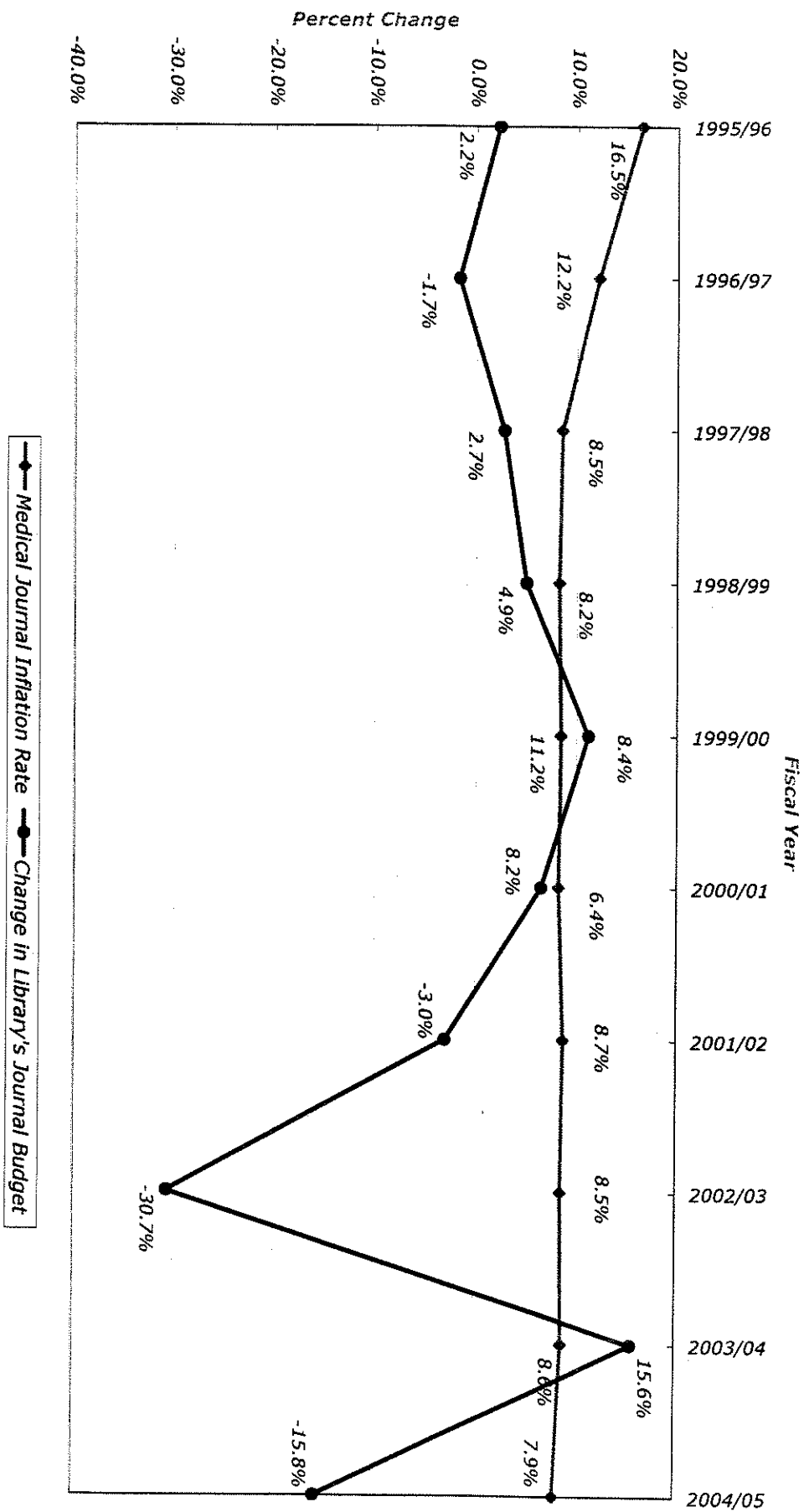
# **Journal Expenditures: Print vs. Electronic Last 4 Fiscal Years**



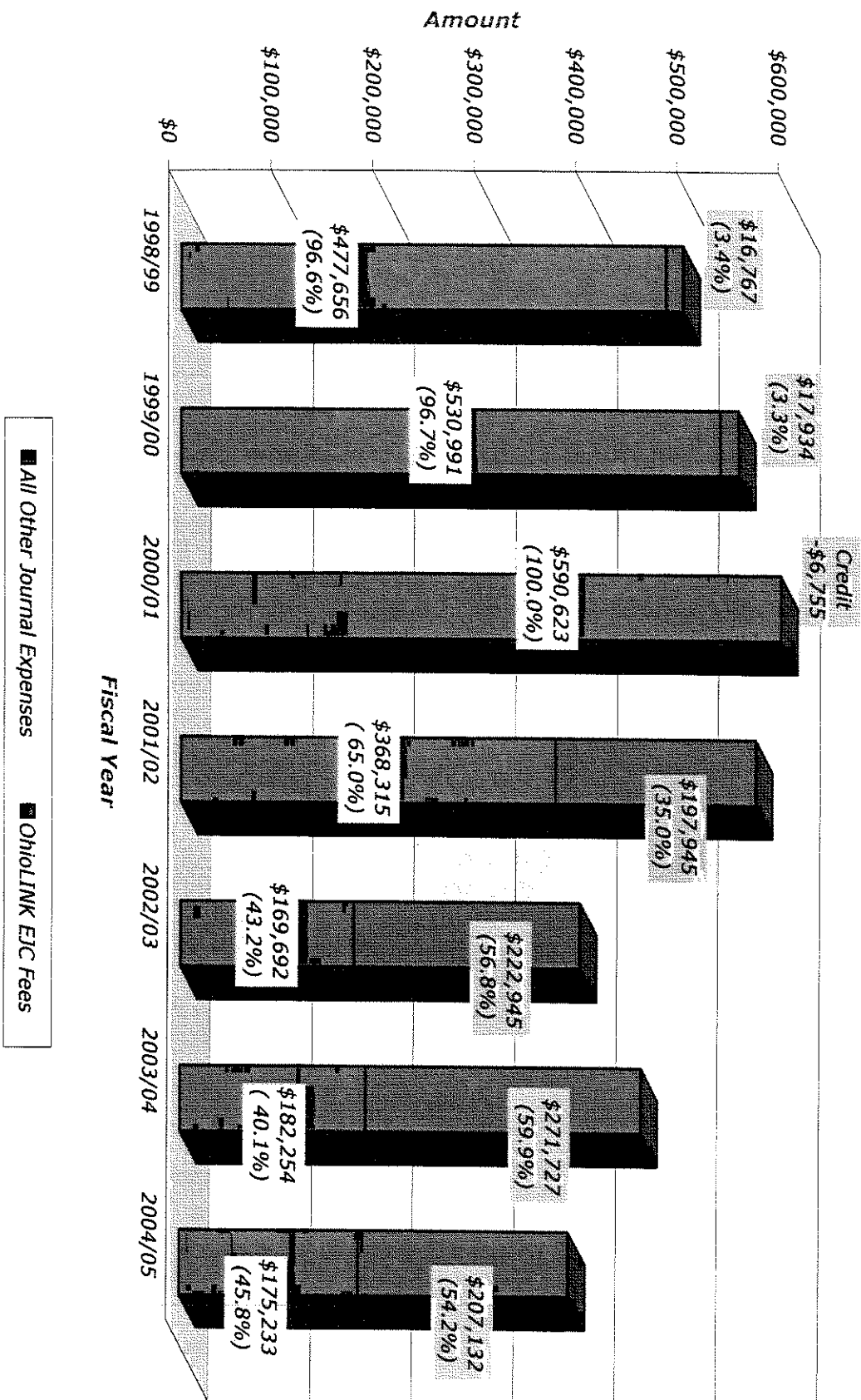
# **Paid Journal Subscriptions: Local vs. OhioLINK** **Last 6 Fiscal Years**



# Journal Budget vs. Journal Inflation Last 10 Fiscal Years



# **OhioLINK Electronic Journal Center Fees vs. Total Journal Expenses: Last 7 Fiscal Years**



## Collection Maintenance Costs FY 2004/05

