

Changing Models, Challenging Collections

It's no secret. Libraries and the way people use them are changing.

In informal conversations, students and faculty alike will say that for most information they need, they prefer to use digital resources. If an article is not immediately available online in full-text, they'll look for another article on topic...and online... that is. This perspective presents a unique insight into the way research is changing in the academy. But this perspective also challenges the Mulford Library to purchase as much digital content as possible to ensure the most usage for the dollar.

No better example of the challenges libraries face can be found than in the story of 2004 subscription rates for the *New England Journal of Medicine*. In December, 2003, this *must have* journal announced a pricing change for online content that placed campus-wide, desktop access at MCO in jeopardy. The new price, \$5,000 for the journal, was well out of the "realm of reasonable" for the Library. More disconcerting was the fact that MCO would be charged the same price as large universities such as Ohio State and the University of Michigan. The Library could only afford to purchase five concurrent accesses that also come with a print copy. The catch was that those accesses had to be from specific IP addresses *on machines in the Library*. Result: anyone wanting electronic access to NEJM had to come to the Library, an access model more closely akin to the 20th century print model.

Additional challenges to developing and paying for the electronic serials collections users prefer include widely variant charging mechanisms, disparate points at which content becomes free, archival rights and how

much campus access a subscription fee garners.

Variant Charging Mechanisms. Across the publishing industry there is no standard for determining cost. Some publishers charge based on Carnegie classification. Some by the number of graduate students. Some by the number of research faculty. Some by the total numbers (students, faculty and staff) on campus. The Carnegie Classification is the most difficult for MCO because it equates our charge to that of larger universities though we are in the category of a Specialized Institution.

Archival Rights. In the past, libraries bought journals and held permanent copies of issues that had been purchased. In an electronic model, few publishers provide archival copies of digital content, even on CD, and if the subscription is cancelled, access to the current year, and sometimes everything proceeding it, is gone.

Content for Free. Some publishers provide content for free to all after 3, 6, or 12 months. (variant by title) A library's subscription whether it be \$300 or \$1600 is only paying for access to that shorter period. A difficult decision becomes, "Can our users wait the time period to get to the content for free?"

Access Points. Publishers vary in what they will offer for a subscription fee ranging from one access from one station in the library to campus-wide access for as many simultaneous users as necessary.

The electronic environment, while expanding access for users beyond the walls of the library has turned the process of purchasing subscriptions, receiving journal issues and binding them into a process beleaguered with new hurdles for collection managers.



THE
MULFORD
LIBRARY
FACILITATES
LEARNING,
RESEARCH
AND
INFORMED
HEALTHCARE
PRACTICE
AT THE
MEDICAL
COLLEGE OF
OHIO
AND IN
NW OHIO.

The Collaboration Imperative

Librarians have always collaborated with users, working closely with them on their information questions. For several years Mulford Librarians have also had strong collaborative relationships with many MCO departments including AHEC, CCI and Information Systems. This trend continues to evolve in an increasingly digital environment. Academic departments with librarians on faculty have found that individual librarians possess a unique and wide range of information skill sets that academic departments can utilize for their programs. For instance, in FY04 Jolene Miller, Department Of Physician Assistant Studies, while serving on the IRB recommended that ongoing

MCO research studies under review include updated literature searches in light of the Johns Hopkins incident. Additionally, Ms. Miller championed a new citation format, for the Graduate School theses and dissertations that reflect national standards.

This year Scott Lapinski continued work for the Pediatrics Department on a PDA-based method for capturing patient care statistics in a common format so that all residents could download their data to one database, enabling the department to create the statistics required for the Residency Review Board (RRB). Mr. Lapinski collaborated with Ohio State University and tested their local solution be-

fore creating a tailored solution for MCO Pediatrics. Marlene Porter served as an information consultant to Family Medicine and Pediatrics residents participating in the Primary Care Research Certificate Program. David Boilard, Dept. of Family Medicine, extended his work with the NWO Health Literacy Task Force to include a one hour health literacy lecture in the MED1 class, "Physician, Patient and Society." More than ever before, Mulford librarians have become part of teams beyond the Library, lending their unique aptitudes. As the Library advances new initiatives, we expect that collaboration will become an imperative for the Mulford Library.

Collection Notes: Library Adds UpToDate

The Library reviewed many evidence-based products and selected UpToDate as the most valuable addition to our campus e-resource offerings. UpToDate provides the equivalent of over 50,000 pages of original, peer-reviewed text and synthesizes the latest "best evidence" in internal medicine while providing specific recommendations for diagnosis and treatment. What makes the product most unique is the cooperative way in which UpToDate is funded and sponsored on campus. Through a financial coalition of the Department of Medicine, chaired by Dr. Joseph Shapiro, Medical College Hospital and the Library, UpToDate was purchased for campus-wide access. The Department of Medicine al-

ready held a single user license to the product and found it so useful they were planning to move to two subscriptions, totaling about 1/3 of the institutionwide access price which the Library was considering paying. In speaking to MCH administrators, including Mr. Rich Vogel, Mr. Gary Dechert and the Graduate Medical Education Committee chaired by Dr. Mary Smith, Dave Boilard was able to secure additional funding from the Hospital for residents' use.

Year end statistics showed that the decision to purchase UpToDate had been a wise one. In a seven month period over 21,340 topics were reviewed by MCO users. Comparably, wildly popular re-

sources such as Harrison's full-text and MDConsult. We thank our partners, the Department of Medicine and Medical College Hospital for helping us to bring this valuable resource to campus.



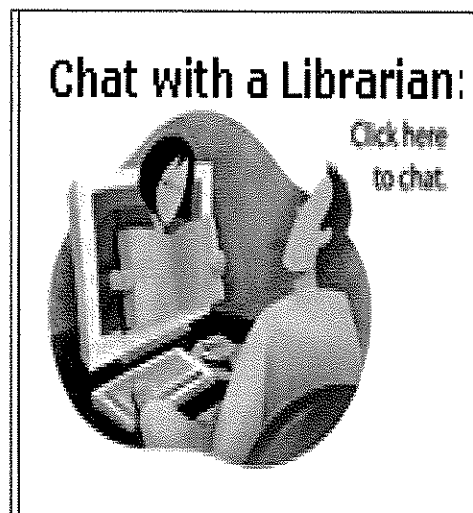
DIGITIZED VIDEOS

100 digitized videos and 200 electronic books were added to the collection through OhioLINK consortium agreements. The library's contributed share was \$321.

Reference Librarians Participate in State-Wide "Health-Sci Chat" Pilot

Four Mulford librarians loaned their experience and expertise in a state-wide pilot program to provide discipline-specific online, point of need reference assistance to health sciences students at any OhioLINK institution. MCO contributed four staff hours per week to this effort from January-June. Over a six month period, Mulford Librarians contributed 73 hours to the state-wide effort. Overall, the service answered 122 health sciences questions during the

first six months. "Chat" or "Ask a Librarian" provides ready, live assistance online to users when reference librarians may not be scheduled at the student's local library, when students are working from off-campus or distance sites or when a local librarian on duty may not possess the subject expertise to answer the question. Through the pilot, the OhioLINK consortium fulfilled an important mission to more fully utilize and leverage state-wide resources.



New Services for Users

Searchable Database of E-Journal Titles

Three years ago the list of electronic journals owned by the Library was browseable using alphabetic breakdowns. As the number of holdings has grown and users have expressed a fondness for the "spot and

click" approach, it became necessary to create a keyword searchable database representing the over 2800 electronic titles.

Swap Space. This space is a temporary area where users can store documents, images or PDF's before

emailing them or downloading them to a PDA for use. The library conceived of this option in part to meet the needs of PDA users but also as a way of stemming printer use.

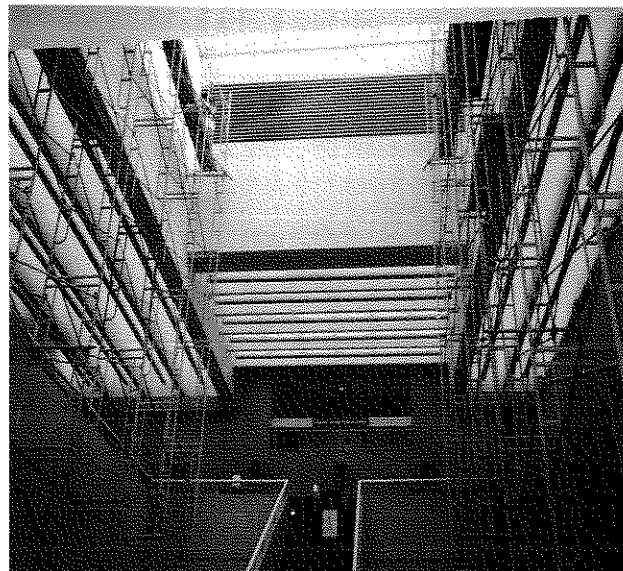
PDA Page and PDA Instruction. The Library launched a PDA

(Personal Digital Assistant) webpage offering links to software and hardware reviews, listservs, and basic information. A PDA seminar was also held for School of Nursing faculty on the uses of PDA's in nursing education.

Hard Hat Zone

As the academic year opened, MED1 students on orientation tours were welcomed by barrier tape and bright yellow scaffolding rising three stories high over the central staircase. The "whistling locomotive" skylight in the Mulford Library was replaced throughout much of the fall, 2003. The Mulford Café served as an alternate place of study. Stu-

dents grew used to the sculpture-like effect of the scaffolding and hoped for quieter days as workmen pulled panels from the old skylight and replaced them with environmentally friendly panels. In a cruel twist of fate, the "whistling skylight" became the "banging skylight" until firmer ribbing could be added in the Summer of 2004.

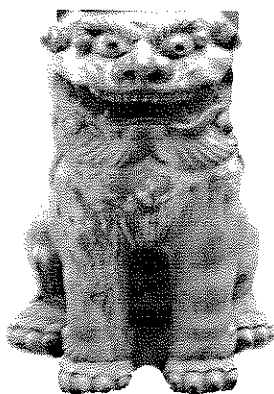


MARKETING THE LIBRARY

For nearly 30 years the Chinese dogs have sat at the base of the grand staircase in the Mulford Library. Students pat and rub their heads hoping for Honors marks on the next exam. This year the "Foo dogs" were elevated to Brand status as an easily recognizable campus symbol associated solely with the Mulford Library.

As more library resources are easily accessible online without coming to the Library or passing through the Library homepage, it is easy to believe that all the information MCO users have access to is out there on the Web... for free!

The Library's marketing efforts aim to inform users of new resources and services while reminding them that the Library is the sponsoring entity. The Library uses targeted email, the MCO Monitor, the MCO Pulse, Post N Note, flyers, webpage announcements and tailored presentations to keep the campus community informed of new directions, resources and services.



Raymon H. Mulford Library
Medical College of Ohio
<http://www.mco.edu/lib/libmain.html>

3045 Arlington Avenue
Toledo, Ohio 43614
Phone: 419-383-4225
Fax: 419-383-6146
E-mail: refdesk.mco.edu

Fee Printing—Third Time's the Charm?

More interest in moving toward fee printing in at least six campus locations was generated this year when Dave Boilard, Barbara McNamee and Jeff Jablonski met with the Council of Deans and Mr. Daniel Morissette. Alarming FY04 statistics regarding public printing in the Library and campus labs showed that over 1,384,500 pages were printed (\$5,261) and over 129 ink cartridges (\$14,061), were used. Free printing on campus cost \$19,322 in FY04, roughly the equivalent of 32 biomedical journals. Since 1999, on a weekly basis, industrial size trash carts full of paper have been left behind unclaimed in labs. Specifications for a fee-based system are now under investigation in Purchasing. Many Ohio campuses have had fee printing since 1997.

Office, Lab, or Clinical Setting-We'll Be Right There!

This year, the information experts in the Reference Department began to offer an astounding new service for busy researchers, clinicians and assistants dubbed "Office Consultation." Recognizing that digital access provides less opportunity for a librarian to be nearby when questions arise or help is needed, Mulford librarians stepped out from behind the Refer-

ence Desk and went where users were working in order to provide assistance. Upon request, a user can set up one-one concentrated time with a librarian to receive assistance help with complex search strategies, to learn EndNote or to apply EndNote functionality to a recent project, or to learn search techniques and content for new resources such as UpToDate and the Coch-

rane Database. The best advertising for the service so far has been word-of-mouth when one user tells another about the great experience they've had. To date, librarians have met with 57 users. In addition to getting to understand an individual's research, librarians become more familiar with user perspectives on knowledge resources.

OhioLINK Membership Saves Money

Although the Library paid over \$7,200 in Interlibrary Loan costs this year our savings was phenomenal. As a member of the OhioLINK Consortium, the Mulford Library participates in a free lending program among the OhioLINK members. Mulford Library borrowed 2,201 books and 2,159 journal articles from OhioLINK institutions. At the average charge, \$5 for books and \$11 for journal articles, the Library saved \$34,489 in potential fees.

New Directions: Electronic Dissertations

In the Spring, 2004, the Mulford Library worked with the Graduate School Administration to shepherd MCO's first full-text electronic dissertation into the state-wide dissertation database. Further, the OhioLINK dissertation database has been added to the National Digital Library of Theses and Dissertations, an open access initiative, ensuring access to work done at MCO to those beyond Ohio.

Statistics at a Glance

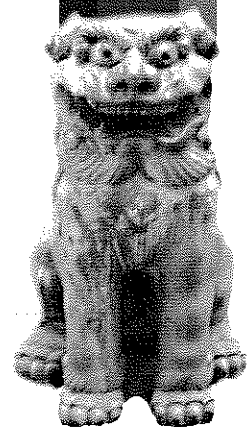
Collection Size:

Total volumes:	157,916
Total books:	38,189
Total E-Books:	2,189
Total E-journals:	2,115
Total Print journals:	332
Total E-Resources:	7

Services:

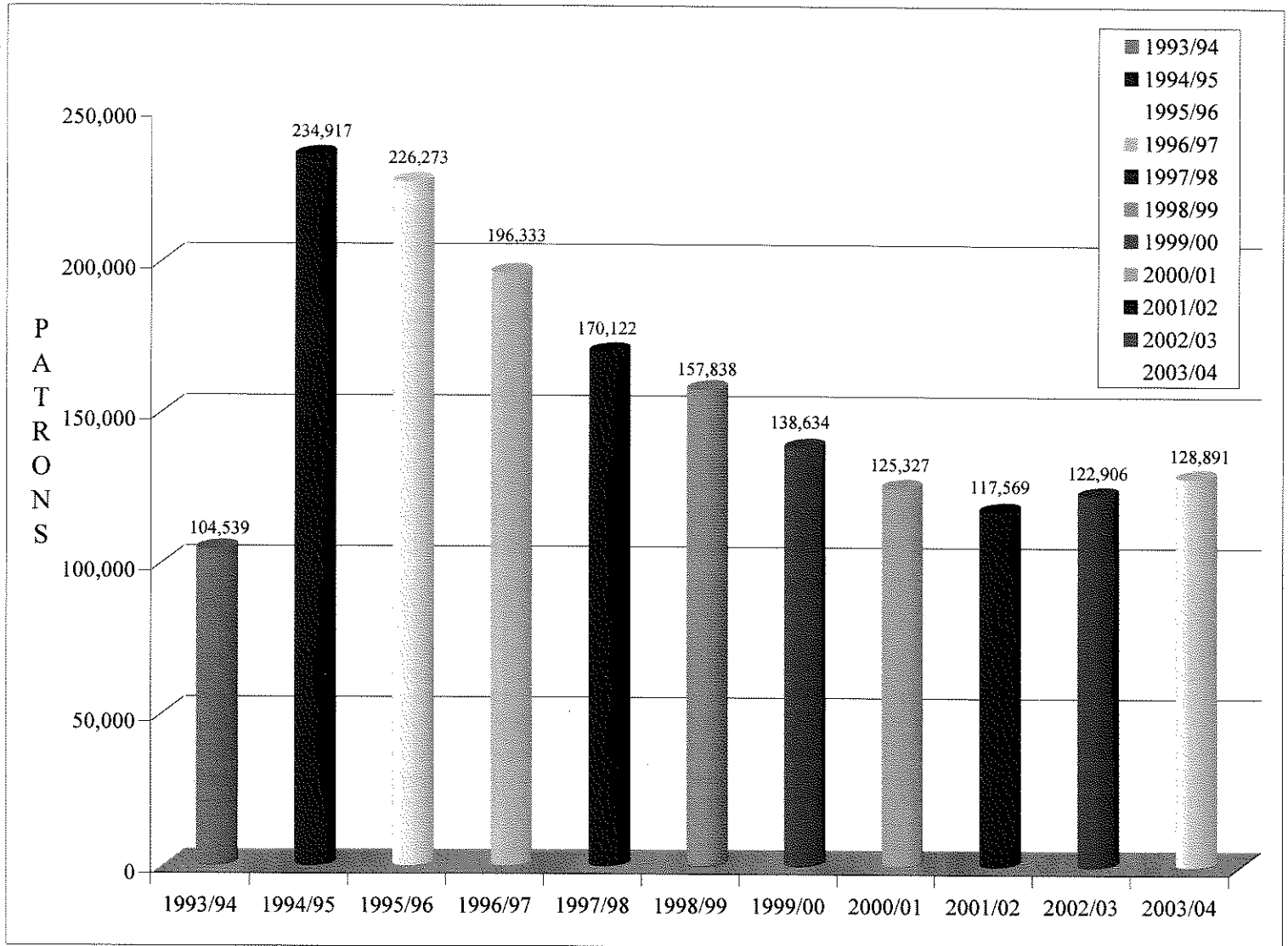
Hours Open Per Week:	110.5
Reference Questions:	3,696
Items Borrowed:	8,856
OhioLINK Items Borrowed:	2,201
Interlibrary Loans Processed:	11,139
Attendees at Instruction Sessions	1,066

STATISTICS



Library Entrance Count

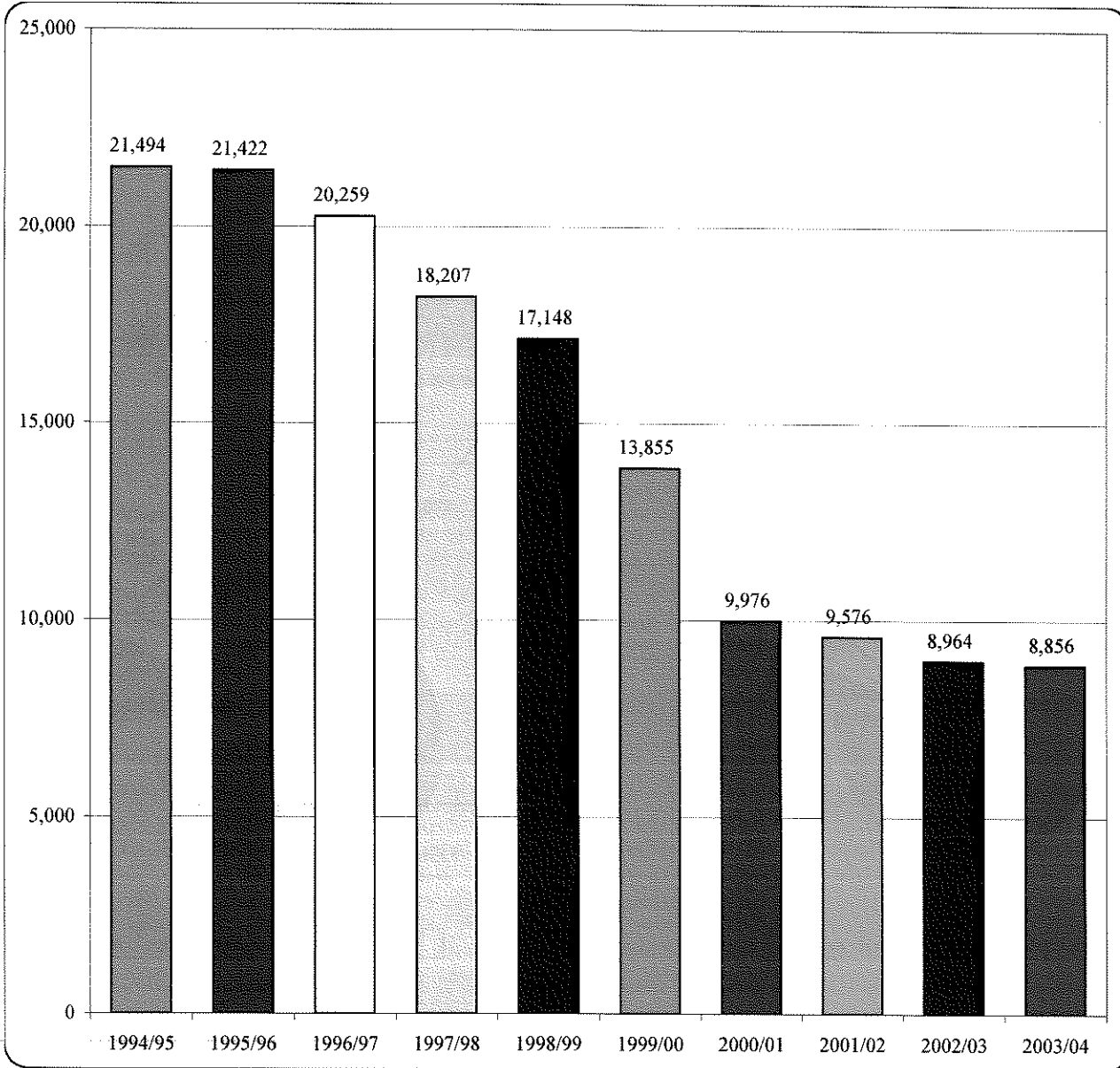
Fiscal Year - 2003/04



1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04
104,539	234,917	226,273	196,333	170,122	157,838	138, 634	125,327	117,569	122,906	128,891

Material Type

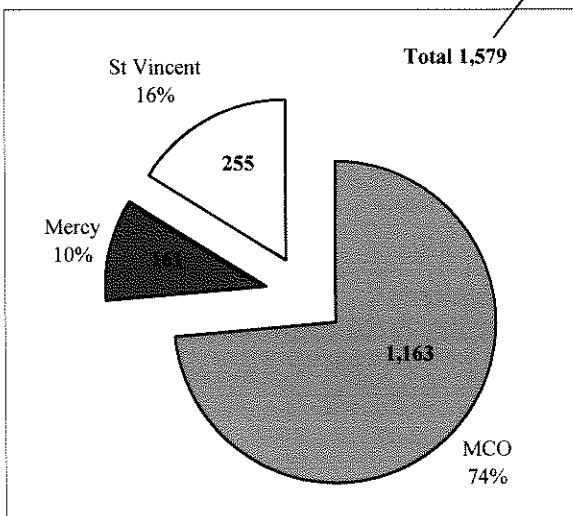
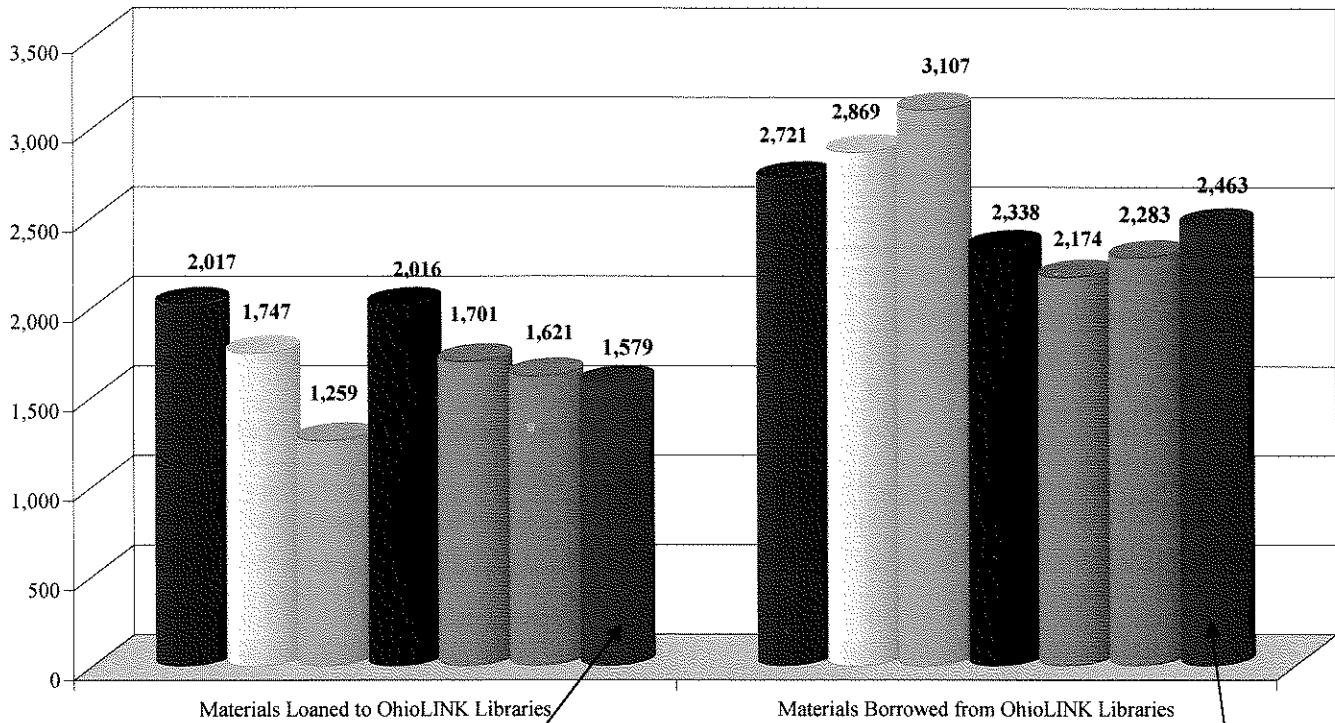
Monographs	4,885
Serials	16
AV	71
Reserve	1,554
Electronic Material	129
OhioLINK Items	2,201
Total	8,856



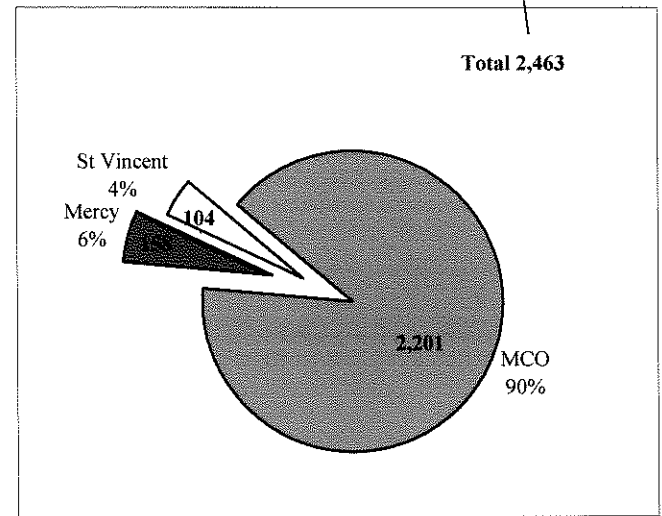
Patron Initiated Circulation HIN Resource Libraries

FY 2003/04

■ 1997/98 ■ 1998/99 ■ 1999/00
 ■ 2000/01 ■ 2001/02 ■ 2002/03
 ■ 2003/04



Materials Loaned to OhioLINK Libraries



Materials Borrowed from OhioLINK Libraries

	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04
Loaned	29% 2,017	43% 1,747	38% 1,259	41% 1,611	44% 1,701	42% 1,621	39% 1,579
Borrowed	71% 2,721	57% 2,869	62% 3,107	59% 2,276	56% 2,174	58% 2,283	61% 2,463
Total	100% 4,738	100% 4,616	100% 4,366	100% 3,887	100% 3,875	100% 3,904	100% 4,042

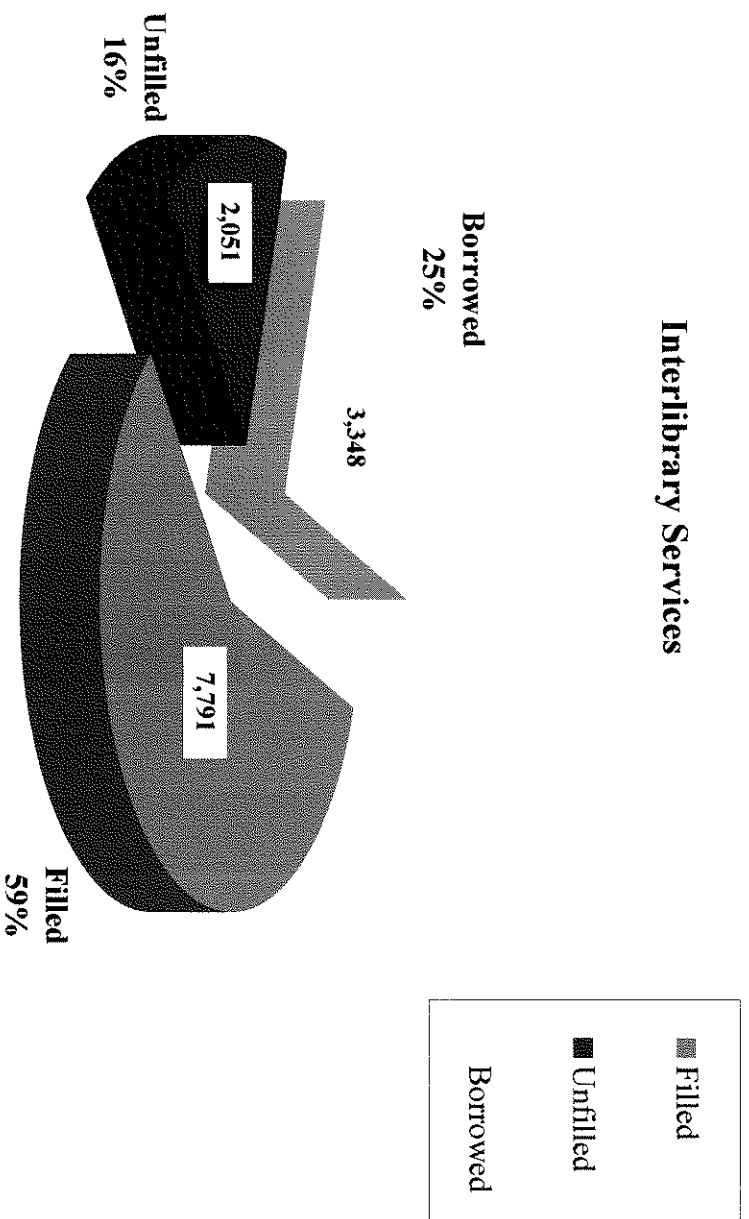
Fiscal Year 2003/04

Interlibrary Services

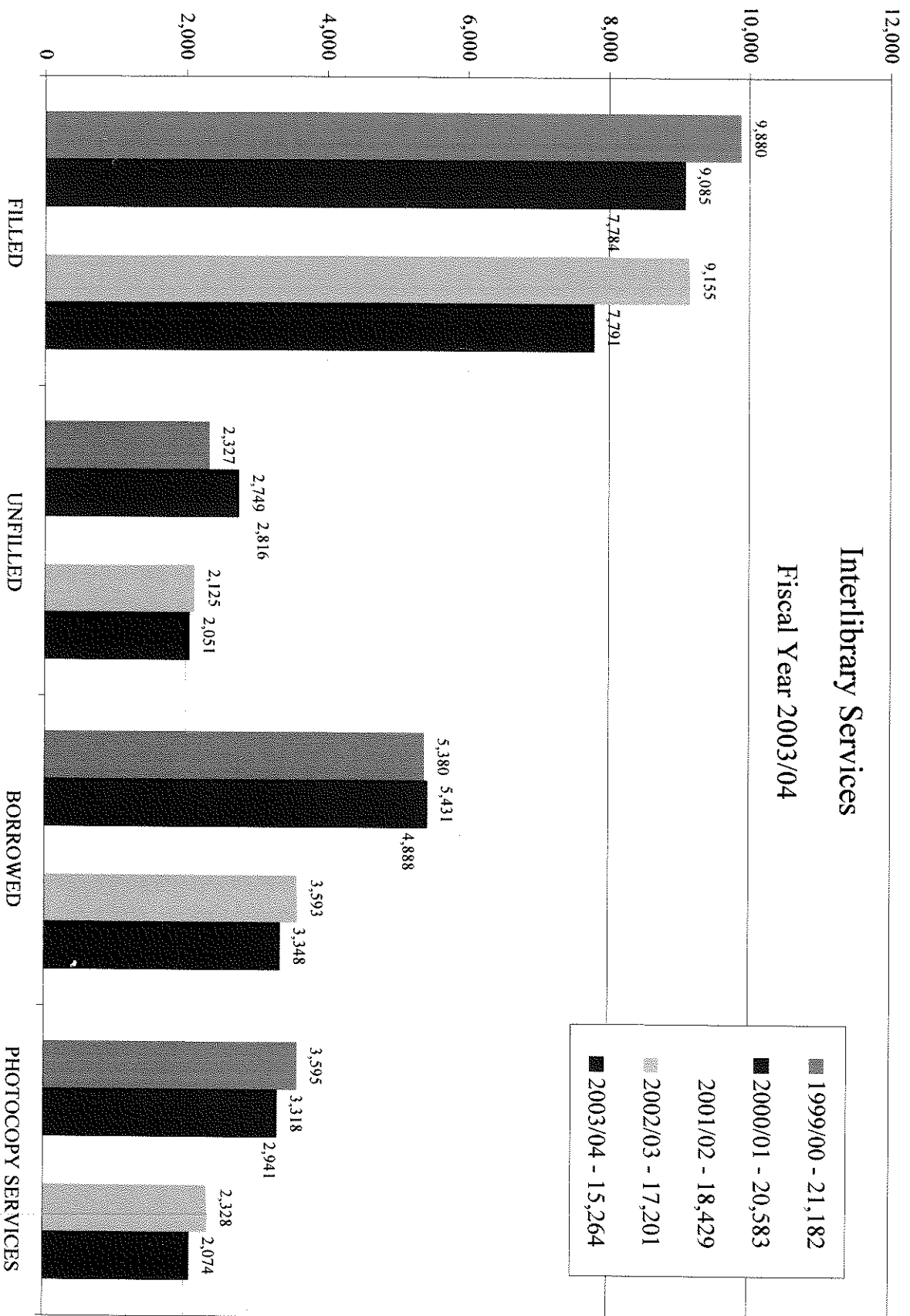
	Filled	Unfilled	Total Received	Borrowed	Grand Total
Photocopy Statistics					
OhioLINK Libraries	4,085	698	4,783	2,159	6,942
St. Vincent Hospital	237	20	257	40	297
Other HIN/AHEC	638	4	642	0	642
Other Ohio Libraries	38	30	68	0	68
Other Ohio Hospitals	392	93	485	1	486
Region 3 Libraries	1,697	478	2,175	532	2,707
National Library of Medicine	0	0	0	219	219
Cinahl	0	0	0	36	36
Canada Institute for Scientific & Technical Info.	0	0	0	0	0
Other U.S. Libraries	453	510	963	244	1,207
International Libraries	35	18	53	0	53
Independent Patrons	140	5	145	0	145
British Library	0	0	0	2	2
Subtotal	7,715	1,856	9,571	3,233	12,804
Book Statistics					
OhioLINK Libraries	12	36	48	39	87
St. Vincent Hospital	17	2	19	27	46
Other Ohio Libraries	6	13	19	1	20
Other Ohio Hospitals	10	44	54	0	54
Region 3 Libraries	15	51	66	25	91
Other U.S. Libraries	16	46	62	15	77
International Libraries	0	3	3	1	4
Independent Patrons	0	0	0	0	0
Subtotal	76	195	271	108	379
Audio Visual Statistics					
OhioLINK Libraries	0	0	0	0	0
HIN/AHEC	0	0	0	0	0
Other Ohio Libraries	0	0	0	5	5
Other Ohio Hospitals	0	0	0	2	2
Region 3 Libraries	0	0	0	0	0
Other U.S. Libraries	0	0	0	0	0
International Libraries	0	0	0	0	0
Independent Patrons	0	0	0	0	0
Subtotal	0	0	0	7	7
Total/Grand Total	7,791	2,051	9,842	3,348	13,190

Fiscal Year 2003/04

Interlibrary Services



Total Requests Received - 13,190



Fiscal Years - 1995/96 to 2003/04

Interlibrary and Photocopy Services

	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04
Requests Filled	8,967	9,805	10,352	9,599	9,880	9,085	7,784	9,155	7,791
Requests Unfilled	3,905	3,613	3,355	2,577	2,320	2,747	2,816	2,125	2,051
Requests Referred	85	45	27	26	7	2	0	0	0
Total Requests Received	12,957	13,463	13,734	12,202	12,207	11,834	10,600	11,280	9,842
Material Borrowed	6,008	6,462	6,790	6,367	5,380	5,431	4,888	3,593	3,348
ILS Requests Processed	18,965	19,925	20,524	18,569	17,587	17,265	15,488	14,873	13,190
Library Photocopied	2,492	2,464	3,138	2,717	2,792	2,458	1,869	1,144	689
Depository Filled	N/A	131	655	1,093	803	860	1,072	904	660
Digitally Transferred	N/A	N/A	N/A	N/A	N/A	N/A	N/A	280	725
Total Photocopy Service	2,492	2,595	3,793	3,810	3,595	3,318	2,941	2,328	2,074
Total Request Processed	21,457	22,520	24,317	22,379	21,182	20,583	18,429	17,201	15,264

RAYMON H. MULFORD LIBRARY
ACCESS SERVICES

REVENUE REPORT

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04
CIRCULATION								
EXTERNAL	7,682.64	7,806.00	6,429.00	6,330.00	3,396.50	2,116.70	4,462.00	3,023.00
CROSSCHARGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	7,682.64	7,806.00	6,429.00	6,330.00	3,396.50	2,116.70	4,462.00	3,023.00
INTERLIBRARY SERVICES								
EXTERNAL	37,875.19	35,029.00	29,739.00	28,700.00	25,412.15	22,442.56	23,828.00	18,338.00
CROSSCHARGE	7,453.50	5,080.00	3,688.00	4,732.00	3,170.50	3,222.75	2,679.00	715.00
TOTAL	45,328.69	40,109.00	33,427.00	33,432.00	28,582.65	25,665.31	26,507.00	19,053.00
TOTAL ACCESS SERVICES	53,011.33	47,996.00	39,856.00	39,762.00	31,979.15	27,782.01	30,969.00	22,076.00

INTERLIBRARY ARTICLE RETRIEVAL EXPENSE

	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04
VENDOR EXPENSE								
CINAHL	N/A	N/A	N/A	799.00	954.00	1,440.00	455.00	464.00
BRITISH LENDING LIBRARY	N/A	N/A	N/A	888.00	780.00	447.00	47.00	74.00
CHEMICAL ABSTRACTS	N/A	N/A	N/A	N/A	N/A	53.00	70.00	0.00
CISTI	N/A	1,615.00	2,153.00	1,170.00	194.00	467.00	149.00	130.00
ISI	1,145.00	978.00	324.00	393.00	1,278.00	408.00	0.00	0.00
INGENTA	N/A	N/A	N/A	914.00	510.00	155.00	0.00	0.00
TOTAL VENDOR EXPENSE	2,525.00	4,758.00	2,778.00	3,365.00	2,762.00	2,970.00	721.00	668.00
LIBRARIES	5,093.00	5,397.00	5,597.00	4,393.00	4,837.00	*4,219.00	6,637.00	4,585.00
NLM	N/A	4,022.00	4,800.00	2,856.00	1,830.00	2,718.00	1,920.00	2,019.00
TOTAL ARTICLE RETRIEVAL EXPENSE	7,618.00	14,177.00	13,175.00	13,091.00	11,411.00	9,907.00	9,278.00	7,272.00

***CORRECTION**

COLLECTION SIZE & COLLECTION MAINTENANCE COSTS

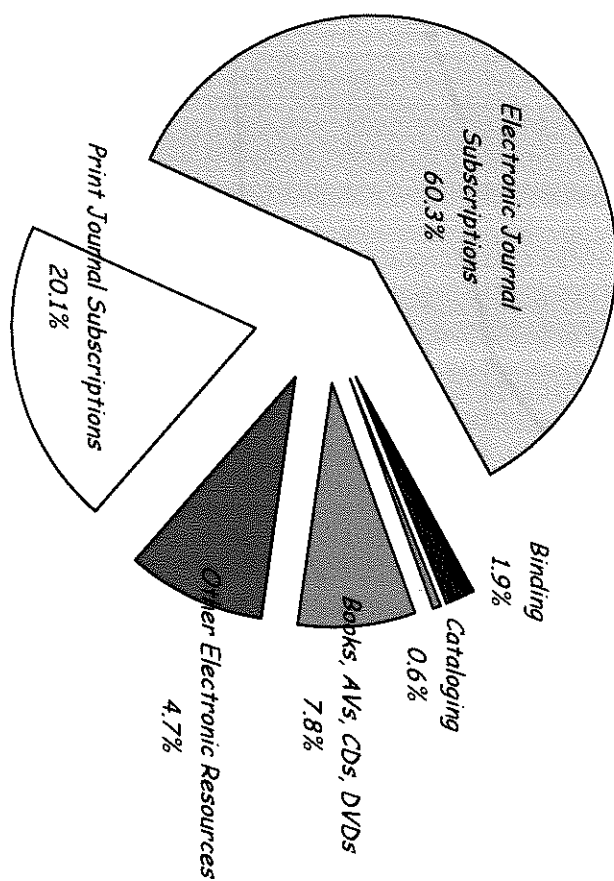
MULFORD LIBRARY COLLECTION SIZE AS OF JUNE 30, 2004	
PRINT BOOKS	38,814
ELECTRONIC BOOKS	2,189
OTHER ELECTRONIC RESOURCES *	7
AUDIOVISUALS, CDs, DVDs	602
JOURNALS	
Total Current Titles	2,727
Total Titles +	7,490
Total Print Volumes	116,304
TOTAL VOLUMES	157,916

* Excludes electronic journals & OhioLINK databases. Aggregated resources
(e.g., M.D. Consult) counted as one each.
+ Includes current, discontinued, & dead titles.

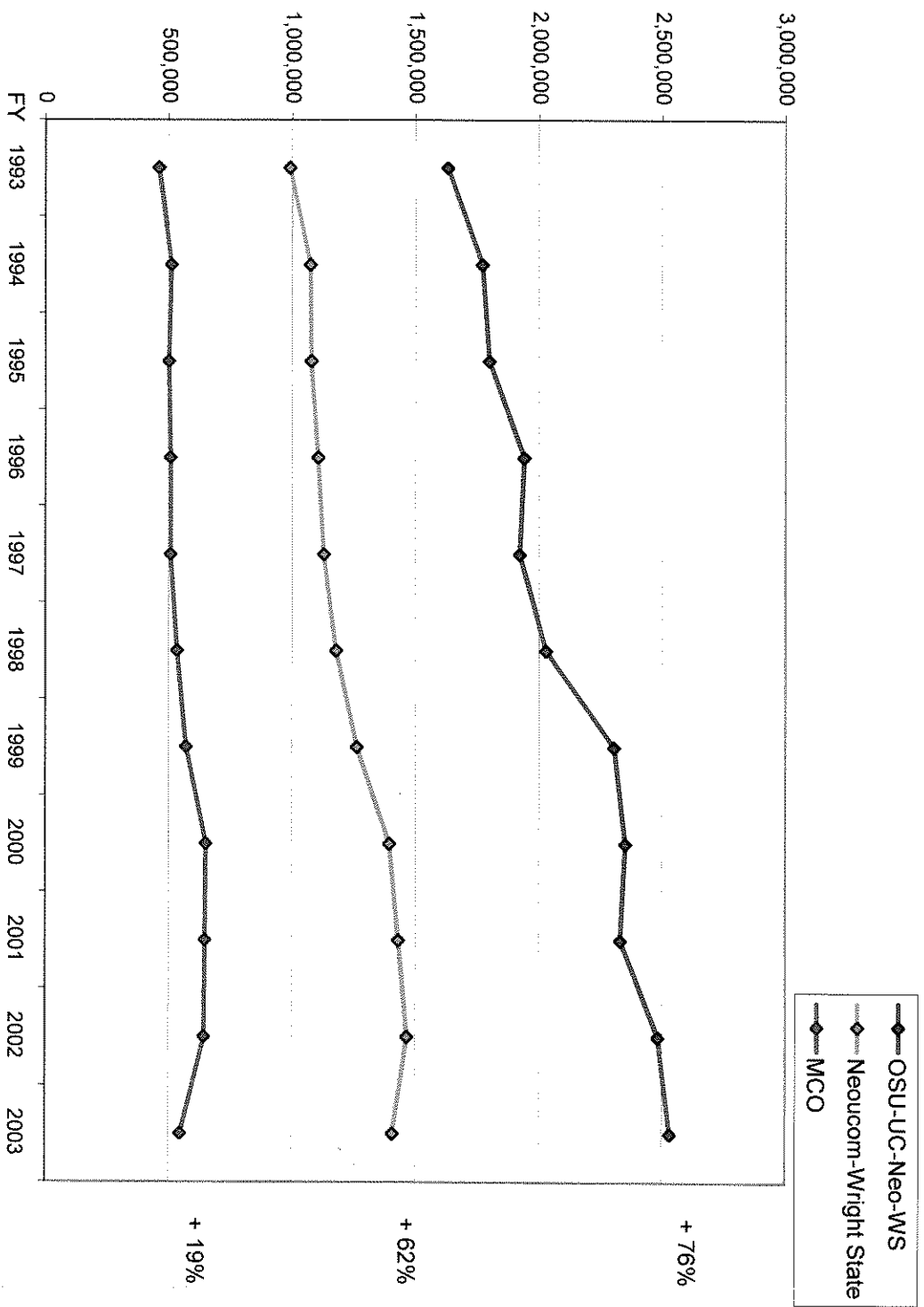
COLLECTION MAINTENANCE COSTS				
	FY 2002/03 TOTALS	FY 2003/04 TOTALS	FY 2002/03 AVERAGES	FY 2003/04 AVERAGES
Books	\$ 56,743	\$ 42,456	\$ 83.94	\$88.08
AVs, CDs, DVDs	\$ 268	\$ 1,495	\$ 44.67	\$62.29
Electronic Resources *	\$ 22,841	\$ 52,346	\$ 3,263.00	\$7,478.00
Journal Subscriptions	\$ 392,637	\$ 453,981	\$ 163.60	\$166.48
Print	\$ 113,940	\$ 113,364	\$ 359.43	\$375.38
Electronic	\$ 278,697	\$ 340,617	\$ 116.12	\$140.46
Binding +~	\$ 9,209	\$ 10,701	\$ 6.92	\$6.61
Cataloging~	\$ 3,889	\$ 3,574	\$ 4.79	\$4.68
TOTALS	\$ 485,587	\$ 564,553		

* Excludes electronic journals. Includes resources paid for with \$42,600 in non-Library funds.
+ Excludes \$1,995 for 380 "dummy" journals paid for in advance in FY 2002/03.
~ Excludes staff time.

Collection Maintenance Costs:
FY 2003/04



MCO vs. Ohio Medical Libraries *Dollars Expended on Collection Resources*



BOOK EXPENDITURES & STATISTICS

BOOK & NON-PRINT EXPENDITURES, LAST TWO FISCAL YEARS			
	FY 2002/03	FY 2003/04	% Change
Books	\$ 56,743	\$ 42,456	-25.2%
AVs, CDs, DVDs	\$ 268	\$ 1,495	457.8%
Electronic Resources *	\$ 22,841	\$ 52,346	129.2%
TOTALS	\$ 79,852	\$ 96,297	20.6%

** 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: \$15,000 (65.7%) of the FY 2002/03 funds came from non-Library sources; \$42,600 (81.4%) of the FY 2003/04 funds came from non-Library sources.*

NUMBER OF BOOK & NON-PRINT ACQUISITIONS, LAST TWO FISCAL YEARS			
	FY 2002/03	FY 2003/04	% Change
PURCHASED			
Books	676	482	-28.7%
Audiovisuals	6	24	300.0%
Electronic Resources *	7	7	0.0%
Total Purchased	689	513	-25.5 %
GIFTS			
Books	51	158	209.8%
MCO Theses/Dissert	32	33	3.1%
MCO Scholarly Projects	41	58	41.5%
AVs, CDs, DVDs	0	1	N/A
Electronic Resources *	0	0	N/A
Total Gifts	124	250	101.6%
TOTALS	812	763	-6.2%

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

BOOK EXPENDITURES & STATISTICS

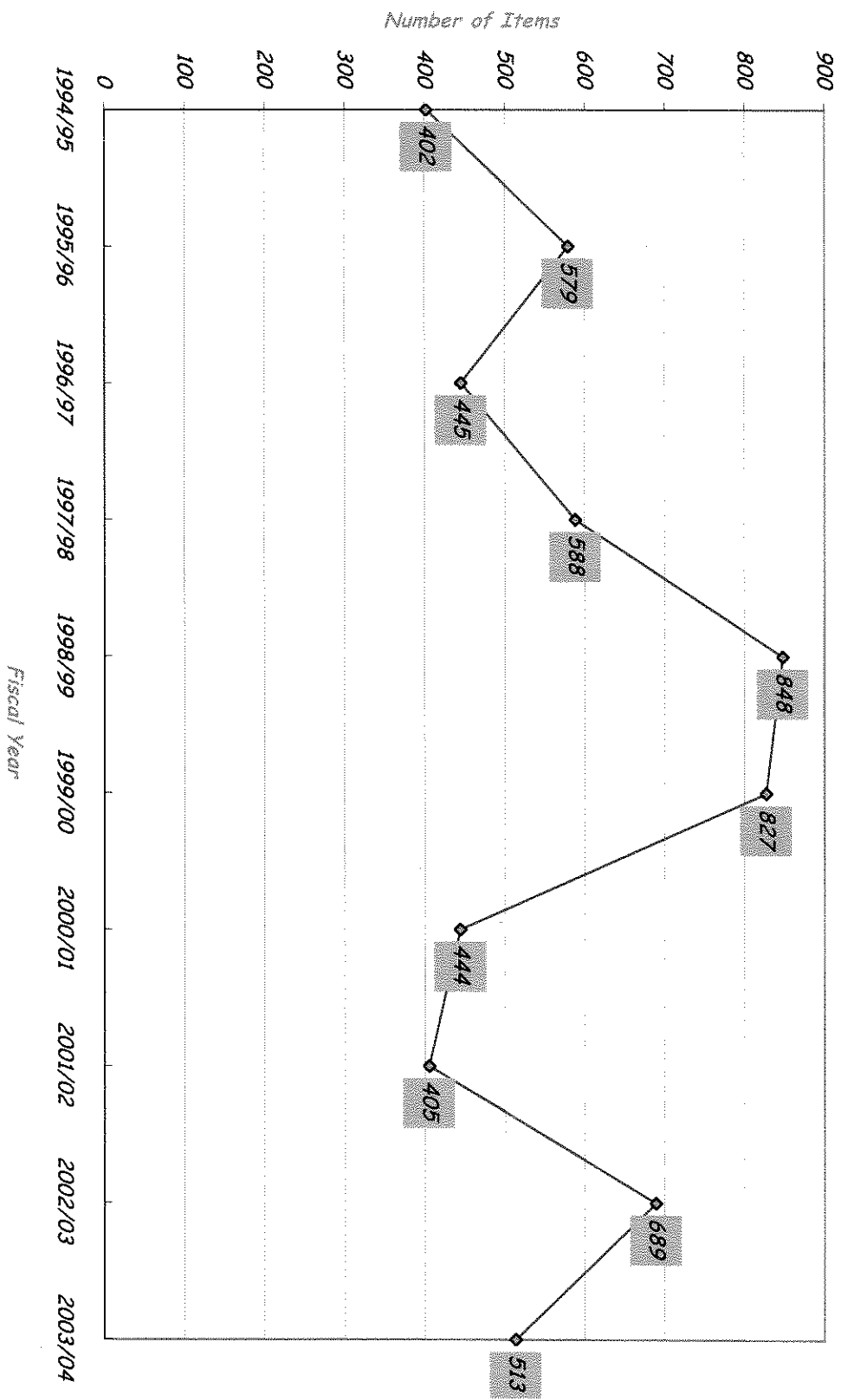
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BOOK & NON-PRINT EXPENDITURES BY GENERAL SUBJECT, FY 2003/04		
	Total Spent	% of Total
Clinical Sciences *	\$ 76,152	79.1%
Basic Sciences	\$ 7,992	8.3%
Nursing	\$ 3,765	3.9%
Allied Health	\$ 2,328	2.4%
All Other	\$ 6,060	6.3%
TOTALS	\$ 96,297	100.0%

* Includes \$42,600 in electronic resources paid for with non-Library funds.

BOOK & NON-PRINT PURCHASES, LAST 10 FISCAL YEARS	
FISCAL YEAR	NO. OF ITEMS
1994/95	402
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
TOTAL	5,740

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



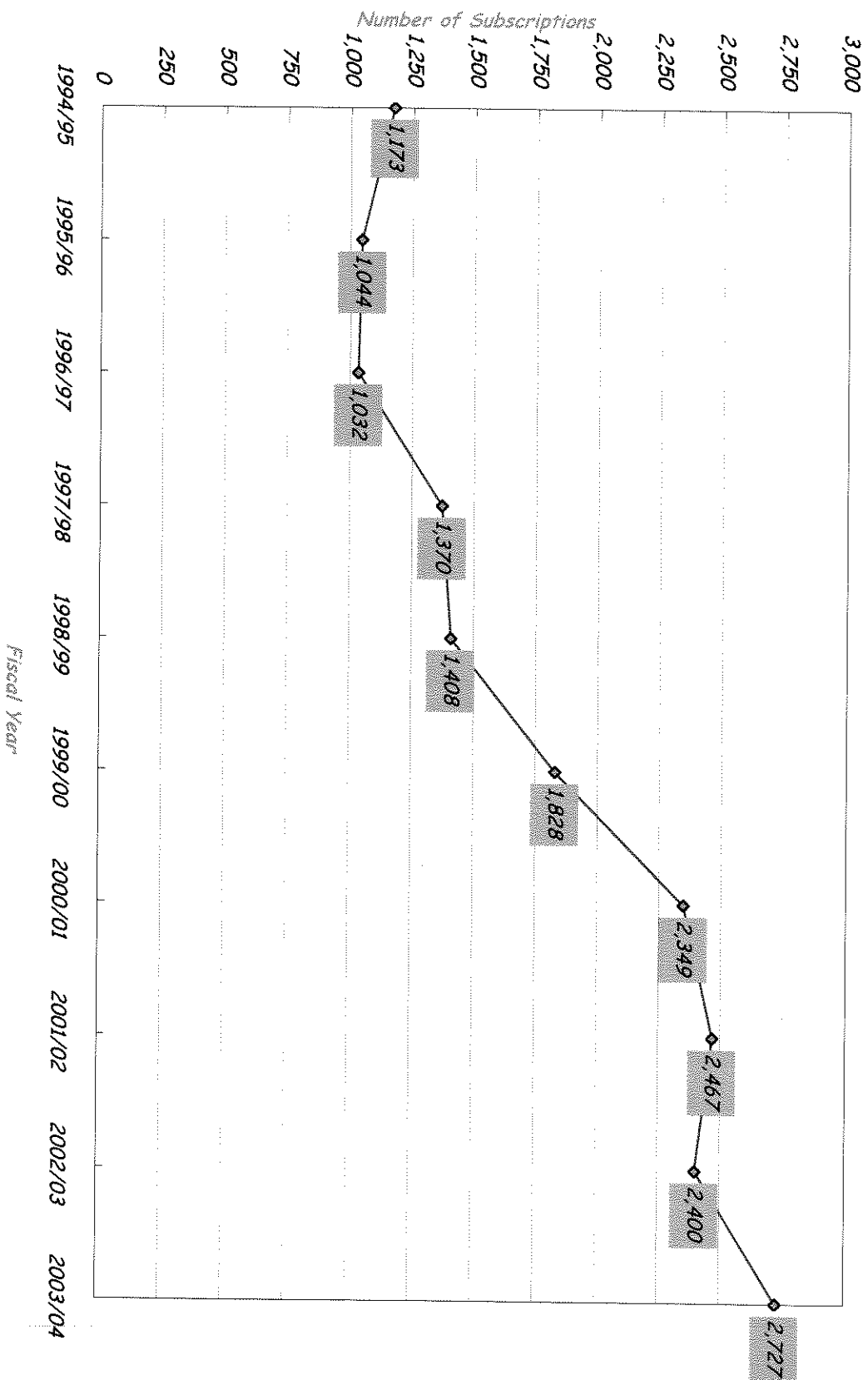
JOURNAL EXPENDITURES & STATISTICS

COST & NUMBER OF JOURNAL SUBSCRIPTIONS, LAST TWO FISCAL YEARS			
	FY 2002/03	FY 2003/04	% Change
EXPENDITURES	\$ 392,367	\$ 453,981	15.6%
TOTAL TITLES *	2,447	2,879	17.7%
PAID TITLES *	2,400	2,727	13.6%
Print	317	302	-4.7%
Electronic	2,083	2,425	16.4%
FREE TITLES	47	152	223.4%
Print Free	15	11	-26.7%
Electronic Free *	32	141	340.6%
Added +	155	273	
Print	4	6	
MCO Electronic +	8	5	
OhioLINK Electronic +	143	262	
Cancelled	470	19	
Unique Print	159	1	
Print Duplicates of OhioLINK Electronic	304	1	
Print Duplicates of Free Electronic	7	0	
Electronic Duplicates of OhioLINK Electronic	N/A	16	
Discontinued by Publisher	9	4	
Switched from print to Electronic	65	3	

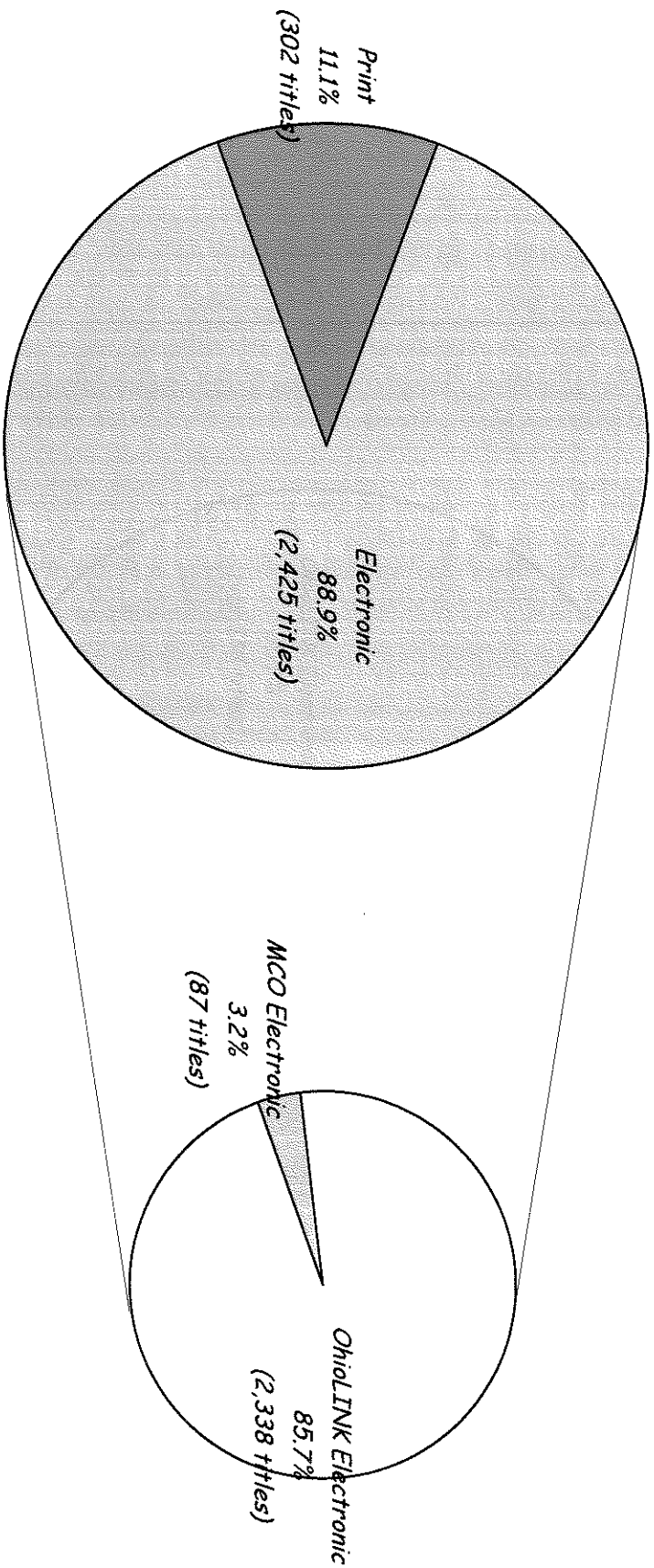
* Large increase due to addition of BioMed Central titles.

+ 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).

Paid Journal Subscriptions: Last 10 Fiscal Years



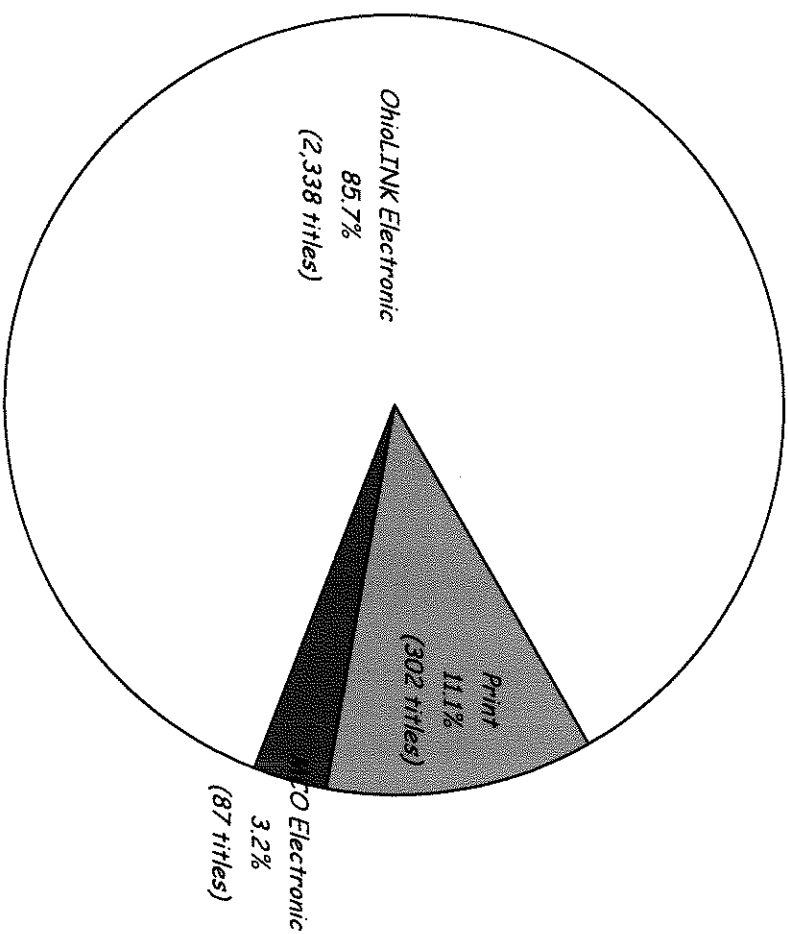
Journal Subscriptions: Print vs. Electronic
FY 2003/04
(excludes print & electronic duplicates)



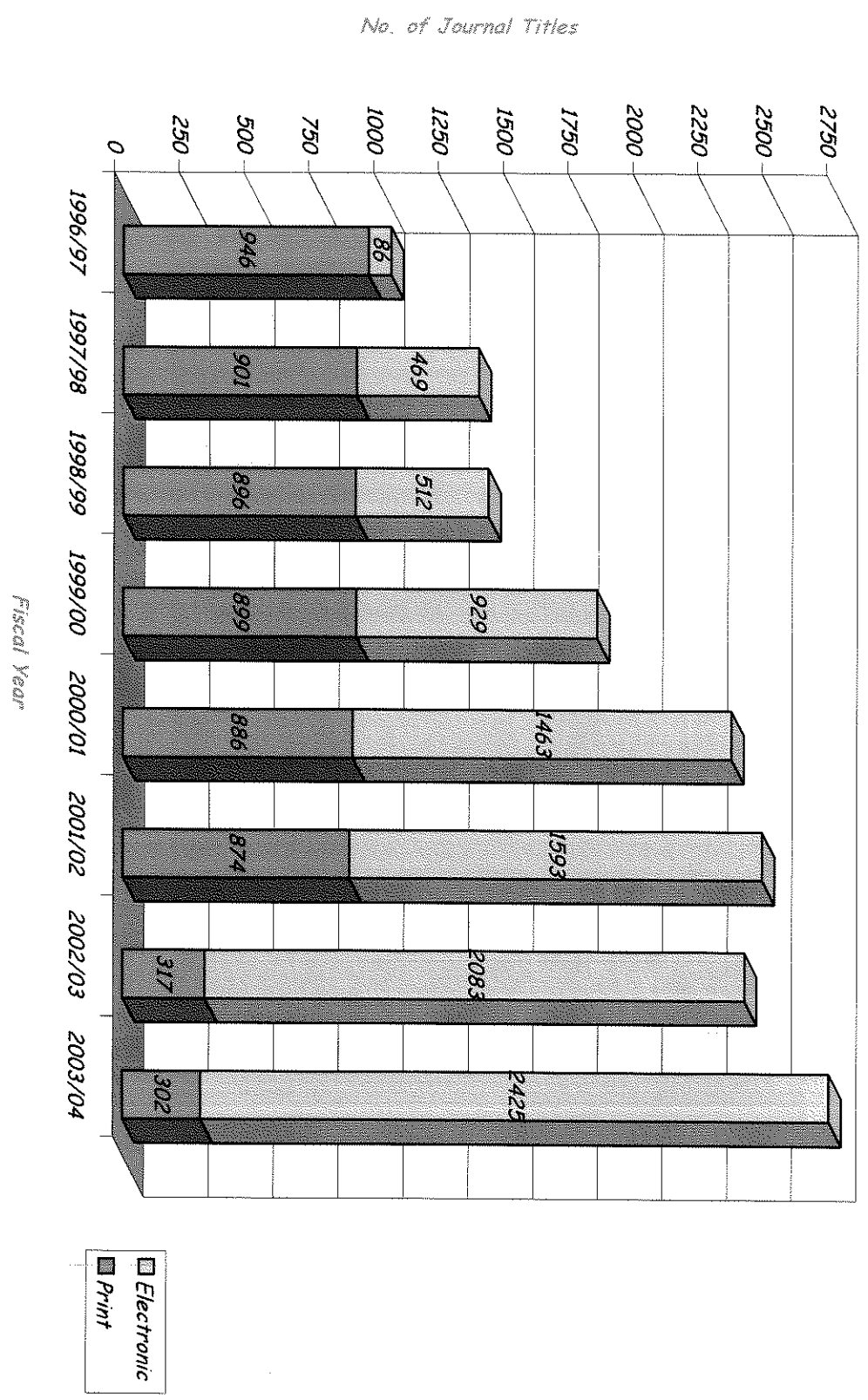
Journal Subscriptions: Print vs. Electronic

FY 2003/04

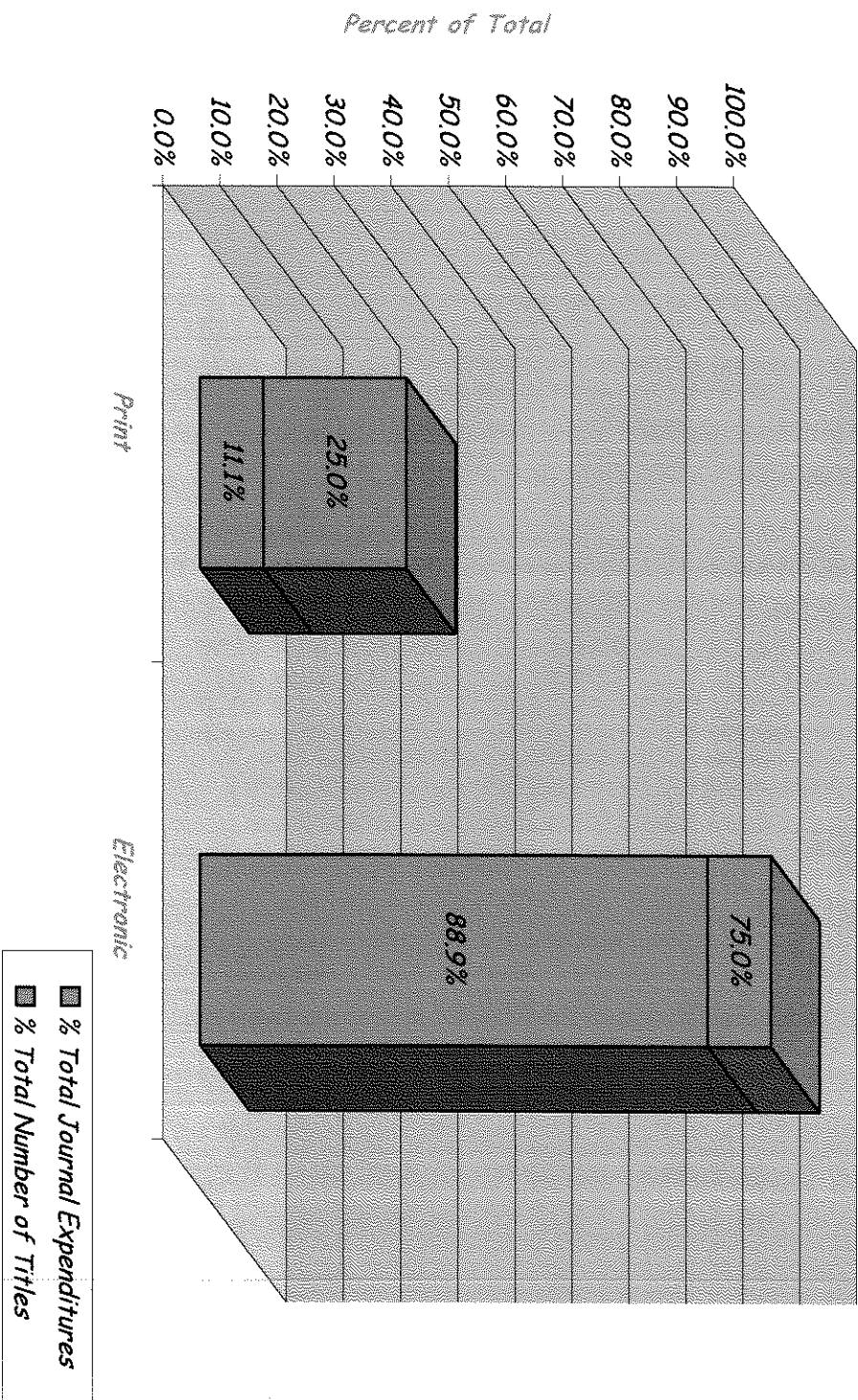
(excludes print & electronic duplicates)



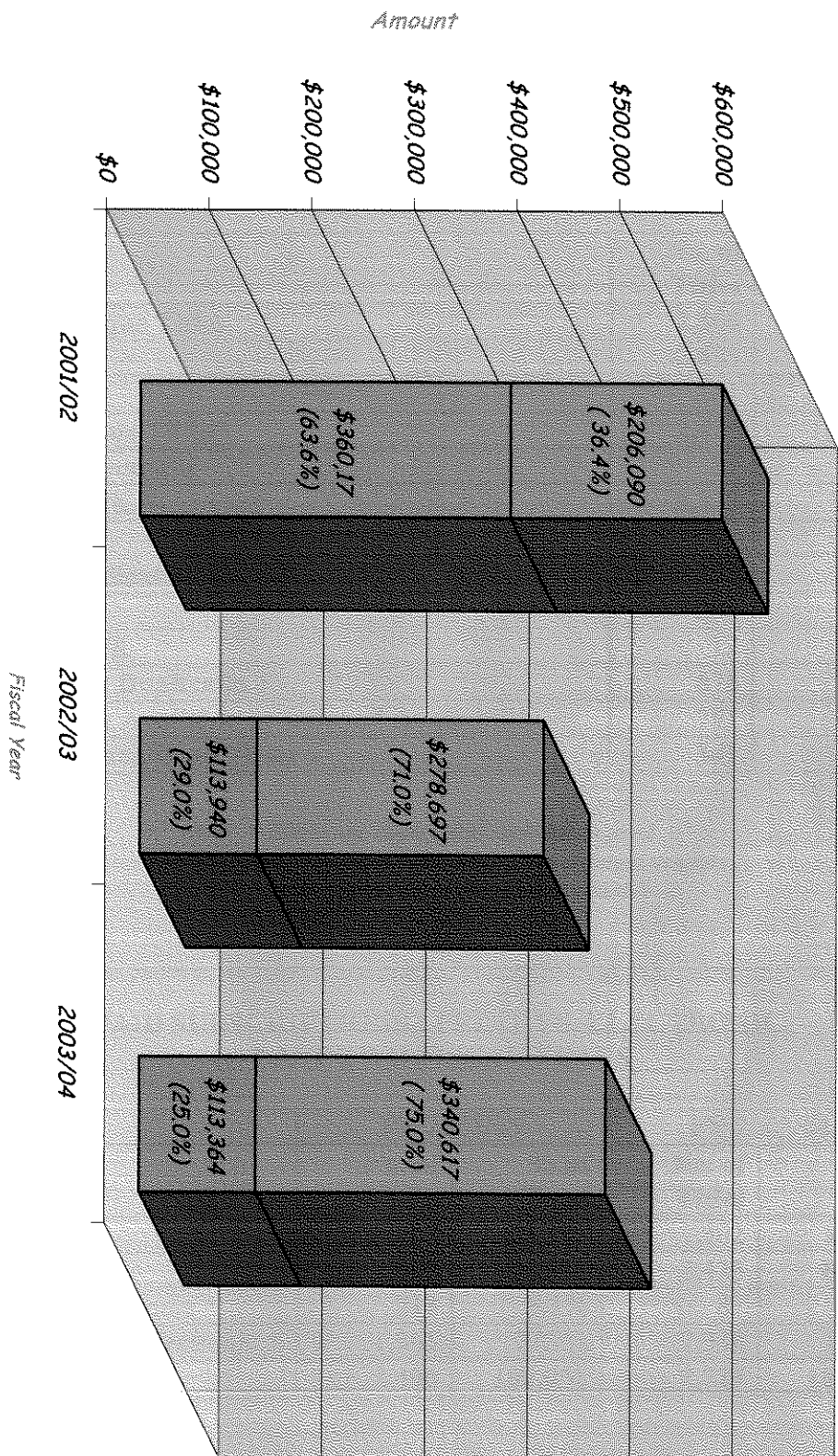
Paid Journal Subscriptions: Print vs. Electronic Last 8 Fiscal Years



Print & Electronic Paid Subscriptions: Numbers vs. Cost FY 2003/04



Journal Expenditures: Print vs. Electronic Last 3 Fiscal Years



■ Print Journal Expenditures ■ Electronic Journal Expenditures

JOURNAL EXPENDITURES & STATISTICS

(continued)

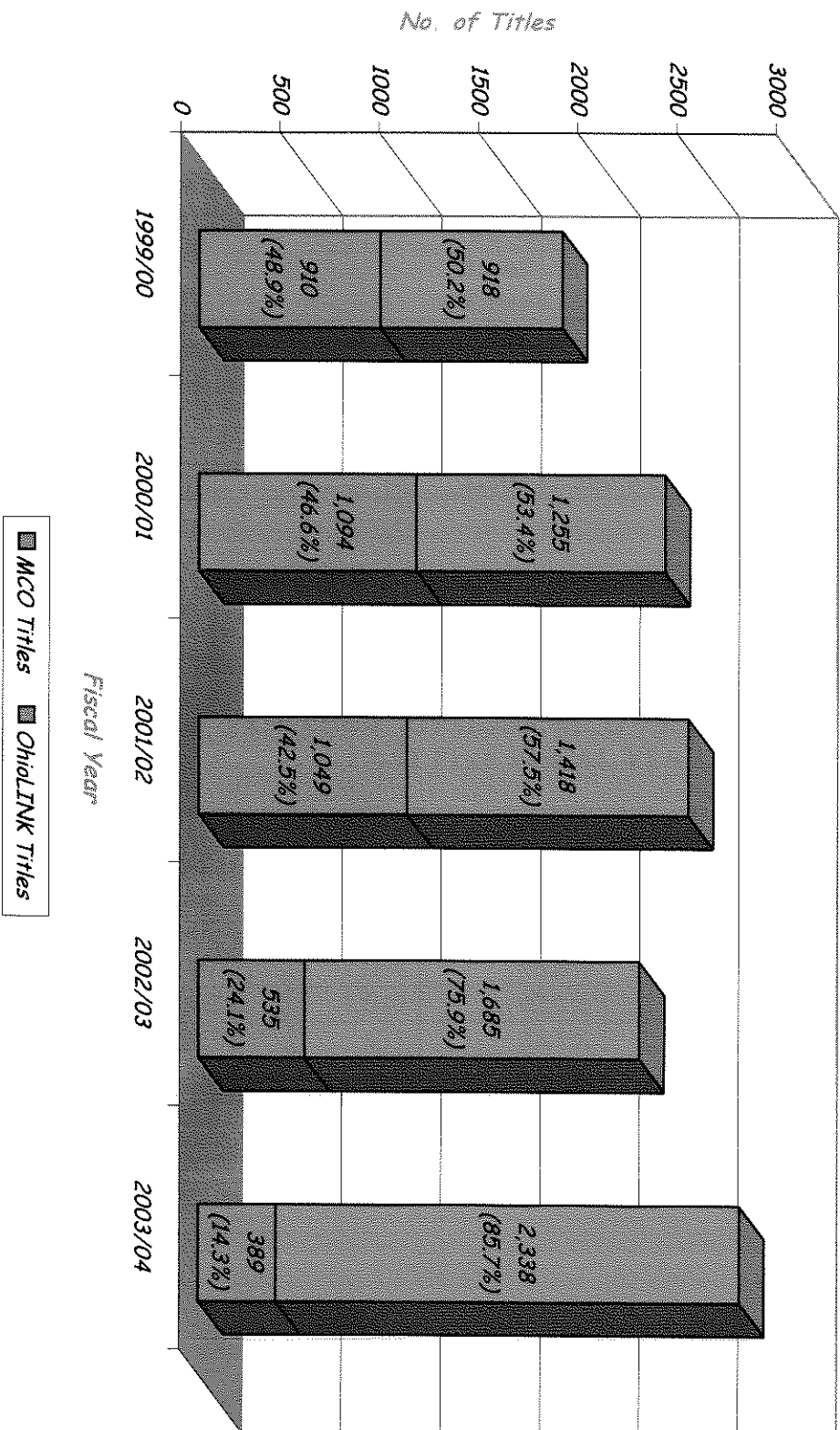
ELECTRONIC JOURNAL COLLECTION PROFILE, AS OF JUNE 30, 2004		
	No. of Titles	% of Total
Total Unique Titles	2,566	100.0%
Paid	2,425	94.5%
Free	141	5.5%
Paid Unique Titles	2,425	94.5%
MCO Electronic	87	3.4%
OhioLINK Electronic	2,338	91.1%
Print Duplicates * ~	296	
MCO	284	
OhioLINK	12	
Electronic Duplicates + ~	676	
Selectively Available or Delayed Availability ~	751	
Discontinued/Dead Titles ~	341	

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

PAID SUBSCRIPTIONS : PRINT VS. ELECTRONIC, LAST TWO FISCAL YEARS				
	FY 2002/03		FY 2003/04	
	No. of Titles	% of Total	No. of Titles	% of Total
Print	317	13.2%	302	11.1%
Electronic	2,083	86.8%	2,425	88.9%
MCO Electronic *	218	9.1%	87	3.2%
OhioLINK Electronic *	1,865	77.7%	2,338	85.7%
TOTALS	2,400	100.0%	2,727	100.0%

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

Paid Journal Subscriptions: MCO vs. OhioLINK Last 5 Fiscal Years



JOURNAL EXPENDITURES & STATISTICS

(continued)

PAID SUBSCRIPTIONS : MCO VS. OHIOLINK, LAST TWO FISCAL YEARS				
	FY 2002/03		FY 2003/04	
	No. of Titles	% of Total	No. of Titles	% of Total
MCO	535	22.3%	389	14.3%
Print	317	13.2%	302	11.1%
Electronic *	218	9.1%	87	3.2%
OhioLINK Electronic *	1,865	77.7%	2,338	85.7%
TOTALS	2,400	100.0 %	2,727	100.0%

PAID SUBSCRIPTIONS: MCO VS. OHIOLINK, LAST FIVE FISCAL YEARS				
FISCAL YEAR	MCO 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%

JOURNAL EXPENDITURES & STATISTICS

(continued)

PAID SUBSCRIPTIONS : PRINT VS. ELECTRONIC LAST SEVEN 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
NET CHANGE	-644	+2,159

NUMBER OF PAID JOURNAL SUBSCRIPTIONS, LAST TEN FISCAL YEARS		
FISCAL YEAR	NO. OF TITLES	% CHANGE
1994/95	1,173	-8.1 %
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%
NET CHANGE	+1,554	132.5%

JOURNAL EXPENDITURES & STATISTICS

(continued)

JOURNAL SUBSCRIPTION EXPENDITURES : PRINT VS. ELECTRONIC, LAST TWO FISCAL YEARS				
	FY 2002/03		FY 2003/04	
	AMOUNT SPENT	% OF TOTAL	AMOUNT SPENT	% OF TOTAL
Print	\$ 113,940	29.0%	\$ 113,364	25.0%
Electronic	\$ 278,697	71.0%	\$ 340,617	75.0%
TOTALS	\$ 392,637	100.0 %	\$ 453,981	100.0%

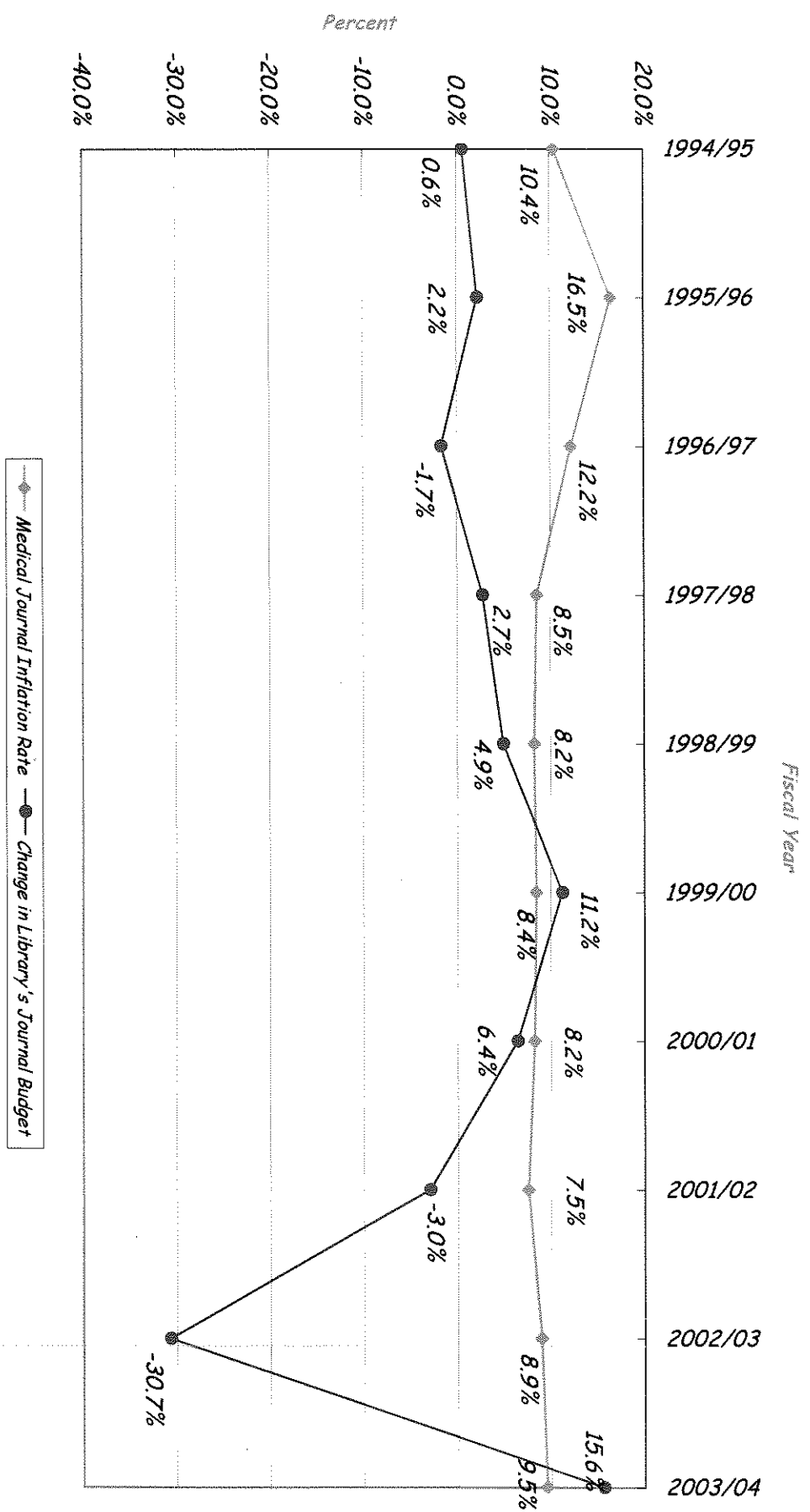
JOURNAL SUBSCRIPTION EXPENDITURES: OHIOLINK FEES VS. TOTAL, LAST SIX FISCAL YEARS			
FISCAL YEAR	OHIOLINK FEES	TOTAL EXPENSES	% OF TOTAL
1998/99	\$ 16,767	\$ 494,423	3.4%
1999/00	\$ 17,934	\$ 548,925	3.3%
2000/01	\$ -6,755	\$ 585,868	N/A
2001/02	\$ 197,945	\$ 566,260	35.0%
2002/03	\$ 222,945	\$ 392,637	56.8%
2003/04	\$ 272,727	\$ 453,981	59.9%
NET CHANGE	\$ 254,960	\$ 40,442	

JOURNAL EXPENDITURES & STATISTICS

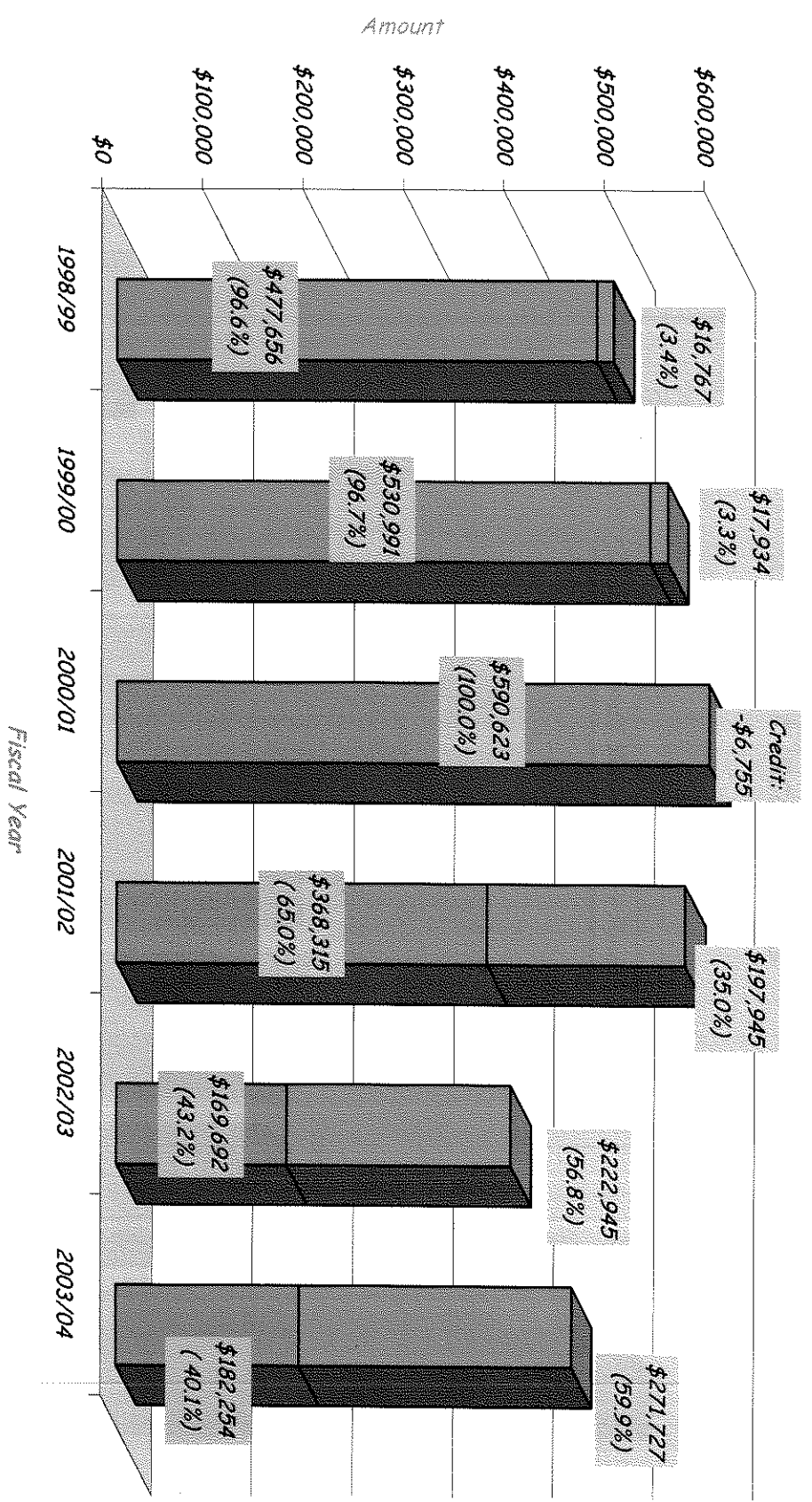
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JOURNAL SUBSCRIPTION EXPENDITURES, LAST 10 FISCAL YEARS		
FISCAL YEAR	AMOUNT SPENT	% CHANGE
1994/95	\$ 454,937	0.6 %
1995/96	\$ 464,921	2.2 %
1996/97	\$ 457,466	- 1.7 %
1997/98	\$ 470,197	2.7 %
1998/99	\$ 493,423	4.9 %
1999/00	\$ 548,925	1.2 %
2000/01	\$ 583,868	6.4 %
2001/02	\$ 566,260	-3.0%
2002/03	\$ 392,637	-30.7%
2003/04	\$ 453,981	15.6%
NET CHANGE	-\$ 956	0.2%

Journal Budget vs. Journal Inflation Last 10 Fiscal Years



OhioLINK Electronic Journal Center Fees vs. Total Journal Expenses: Last 6 Fiscal Years



All Other Journal Expenses
 OhioLINK EJC Fees

Electronic Resource Expenditures: Last 6 Fiscal Years

