

Electronic Resources Summary Report 2005

Executive Summary

Just over half of the use of our electronic resources is on campus (54%). The biggest off campus users are faculty (15.1% of all use) and undergraduates (14.8%). Searches in bibliographic databases increased 47% last year over the previous year's statistics. Usage statistics are available for 113 of our 121 databases. The most heavily used bibliographic databases are Academic Search Premier, Business Source Premier and Web of Science. Metafind increased the use of key databases (Academic Search Premier, Business Source Premier, Oregonian and LexisNexis Academic). Overall use of NetLibrary books decreased, but a larger variety of individual titles were used. Nine electronic reference titles were added in 2005. The most used reference title was *Birds of North America*. The number of electronic journals in our collection increased 18% in 2005 and use of full text articles increased 46% over 2004. For publishers with usage statistics, 768,444 articles were viewed in 10,974 journals. The three most heavily used journals are *Science*, *Nature*, and *Proceedings of the National Academy of Science*.

Part I: Electronic Resource Users

The III WAM statistics provide some data on who is using our electronic resources. The biggest limitation of these statistics is that they are at the platform level. Also, different resources have different authentication requirements, and some authenticate multiple times during a session, so there may not be an exact correlation between most authenticated electronic resources for a patron type and the most used resources.

Just over half (54%) of electronic resource authentications are from on campus computers (computer labs, library computers, faculty offices, dormitories, etc.) so the patrons don't need to enter their authenticating information. For off-campus use, the primary users are faculty (15.1% of all use), undergraduates (14.8%), doctoral (5.75%), masters (5.60%) and Cascades students (1.62%). Ebsco is the most used resource for all patron types. Undergraduates appear to use databases and reference resources more than our non-aggregated electronic journals. Faculty and graduate students appear to use these electronic journals more. Off campus use of the libraries' electronic resources continuing to increase – up to 46% in 2005, compared to 40% 2004 and 21% in 2003.

Top 10 Electronic Resources for Library User Groups				
OSU Faculty	Undergraduates	Doctoral Students	Masters Students	Cascades Students
Ebsco	Ebsco	Ebsco	Ebsco	Ebsco
LexisNexis	LexisNexis	FirstSearch	FirstSearch	Wilson
Oregonian	CCH Omnitax	Elsevier	Elsevier	FirstSearch
Firstsearch	Metafind	American Chemical Society	Wilson	Ovid
CSA	FirstSearch	Wilson	CSA	CSA
Elsevier	Ovid	Wiley	Wiley	Elsevier
Wilson	CSA	Ovid	JSTOR	Springer
JSTOR	Wilson	Blackwell	Springer	LexisNexis
American Chemical Society	Elsevier	IEEE	LexisNexis	JSTOR
Blackwell	Oxford English Dictionary	Springer	Blackwell	Metafind

In September 2005, III modified the WAM statistics reports, so that additional information from the patron record and hours used are now available. The data for Fall Quarter 2005 is indicative but a full year's worth of statistics will be more useful.

Freshman made up only 3.4% of the off campus usage, which is logical as they are just learning about the availability of such resources. Off campus use of electronic resources increases by year, with sophomores having 4.9% of the off campus use, juniors 8.2% and seniors 18.3%.

The WAM statistics also provide authentication statistics for Patron Code 3, their college affiliation. 70% of the off campus users have a college affiliation in their patron record. Of those with a college affiliation, the heaviest off campus users of our electronic resources are the College of Liberal Arts (12%), the College of Science (10%), the College of Agricultural Sciences (8%), the School of Education (6%), College of Business (6%) and the College of Engineering (4%).

Most Used Electronic Resources by Colleges				
College of Liberal Arts	College of Science	College of Agricultural Sciences	School of Education	College of Business
Ebsco	Ebsco	Ebsco	Ebsco	Ebsco
FirstSearch	American Chemical Society	Elsevier	Wilson	CCH Omnitax
LexisNexis	Wiley	Blackwell	FirstSearch	LexisNexis
Wilson	Metafind	CSA	Metafind	Metafind
Metafind	Elsevier	NISC	Elsevier	NetAdvantage
Oxford English Dictionary	CSA	American Chemical Society	Springer	Mintel
Project Muse	FirstSearch	BioOne	CSA	Wall Street Journal
CSA	Wilson	Silver Platter	LexisNexis	FirstSearch
JSTOR	JSTOR	Ovid	Project Muse	Reference USA
Elsevier	Nature	Nature	Sage	AMA
College of Engineering	College of Forestry	College of Pharmacy	COAS	Vet Med
Ebsco	Ebsco	Ebsco	Science Magazine	Ebsco
Compendex	Elsevier	FirstSearch	Ebsco	Elsevier
IEEE	Forestry Abstracts	American Medical Association	Elsevier	Nature
Elsevier	Metafind	Wiley	Nature	Ingenta
Metafind	Springer	eHRAF	CSA	Blackwell
Springer	Wiley	Elsevier	Ingenta	Metafind
Wiley	LexisNexis	Metafind	JSTOR	Ovid
American Institute of Physics	JSTOR	Springer	Blackwell	FirstSearch
American Chemical Society	CSA	Blackwell	Metafind	Highwire Press
ACM Digital Library	Blackwell	Highwire Press	Metapress	Silver Platter

Part II: Bibliographic Databases

Usage statistics are available for 113 of OSU Libraries' 121 bibliographic databases. Overall use of these databases has been increasing each year. In 2004/2005, there were 1,842,533 searches compared to 1,255,872 searches in 2003/04. In the first half of 2005/2006, there have already been 917,050 searches, so the total for 2005/2006 should easily exceed last year's statistics.

Effect of Metafind

Part of the increased database use is due to the Metafind Quicksearch box on the library's home page, which has increased usage of the Quicksearch databases (Academic Search Premier, Business Source Premier, LexisNexis Academic and the Oregonian, plus the library catalog).

Metafind was implemented at OSU in September 2004. A comparison of the 2003-04 use of the databases in QuickSearch to the 2004-05 statistics shows a significant increase of in the number of searches in the databases, ranging from 41% (Academic Search Premier, already highly used by undergraduates, the primary users of Metafind) to 2,293% (for the Oregonian – which jumped from 2,876 searches to 68,823 searches). Business Source Premier searches increased 235% and LexisNexis Academic searches increased 192%.

However, use of the full text in these databases did not increase proportionally, indicating that Metafind users are not clicking on many of the search result links. Use of Academic Search Premier full text only increased 13%, and use of LexisNexis Academic full text actually decreased 22%. Use of the Business Source Premier full text increased about half as much as the number of searches, and use of Oregonian full text increased 150%, not nearly as much as the number of searches.

Most and Least Used Databases

The most used database by far is Academic Search Premier, one of the databases in the Ebsco suite of databases we get through the Statewide Database Licensing Group. The second most used database was Business Source Premier, another Ebsco database. Other Ebsco databases with high use are the Psychology and Behavioral Sciences Collection, Medline, ERIC, Agricola, Health Source: Nursing Academic, Health Source: Consumer, Alt Health Watch, Professional Development Collection and Newspaper Source.

The other top databases in terms of number of searches include JSTOR, Web of Science, LexisNexis Academic, the Oregonian, Zoological Record, SciFinder Scholar, CAB Abstracts, and PsycInfo.

Most Used Databases by Number of Searches				
Vendor	Database	2005-06 ¹	2004-05	Cost/search ²
Ebsco	Academic Search Premier	188,030	370,600	\$.02
Ebsco	Business Source Premier	43,296	121,075	\$.02
JSTOR	JSTOR	37,275	32,341	\$2.19
Thomson Scientific	Web of Science	34,565	64,882	\$1.96
LexisNexis	LexisNexis Academic	33,797	91,313	\$.32

¹ July – December 2005

² Cost per search is based on usage statistics for the most recent subscription period for each database. Database subscription periods vary widely, and are not bound to an academic or calendar year.

Ebsco	Psychology & Behavioral Sciences Collection	28,305	40,711	\$.02
Ebsco	Medline	24,095	30,677	\$.02
Ebsco	ERIC	23,715	37,051	\$.02
Newsbank	Oregonian	23,584	63,636	Free
Ebsco	Agricola	23,474	30,708	\$.02
CSA	Zoological Record	22,193	45,394	\$.22
CAS	SciFinder Scholar	21,190	50,592	\$1.31
SilverPlatter	Agricola	20,941	60,808	\$.03
SilverPlatter	CAB Abstracts	20,928	63,290	\$.32
Ebsco	Health Source: Nursing/Academic Edition	17,493	35,615	\$.02
Ebsco	Health Source: Consumer Edition	15,265	48,751	\$.02
Ebsco	Alt HealthWatch	14,902	16,038	\$.02
Ebsco	Professional Development Collection	13,115	25,603	\$.02
Ebsco	PsycInfo	12,974		\$.54
Ebsco	Newspaper Source	12,149	19,701	\$.02

A number of the least used databases are accessed through OCLC Per Search and cost \$.67/search regardless of the number of searches performed. Several others are part of the Ebsco and First Search databases packages. The individually subscribed databases with the least use are the Kraus Curriculum Development Files, Children's Literature Comprehensive Database, STAT-USA, LexisNexis Statistical, and LexisNexis Congressional.

Least Used Databases by Number of Searches				
Vendor	Database	2005/06	2004/05	Cost/Search
LexisNexis	LexisNexis Statistical	387	1,244	\$14.31
LexisNexis	LexisNexis Congressional	359	4,128	\$2.41
CLCD	Children's Literature Comprehensive Database	359	620	\$.98
OCLC	Contemporary Women's Issues	313	425	\$.67 (per search database)
Stat-USA	Stat-USA	305	1,559	\$.59
OCLC	ProceedingsFirst	286	721	\$.13 (base package)
OCLC	World Almanac	178	285	\$.13 (base package)
OCLC	Alternate Press Index	156	257	\$.67 (per search database)
OCLC	Business Dateline	139	229	\$.67 (per search database)
OCLC	FactSearch	131	392	\$.67 (per

				search database)
KCDL	Kraus Curriculum Development Library	57	152	\$9.93
Ebsco	Image Collection	56	143	\$.02
OCLC	Clase & Periodica	32	8	\$.67 (per search database)
OCLC	Ebooks	24	64	\$.67 (per search database)
OCLC	GPO Monthly Catalog	22	115	\$.13 (base package)
OCLC	Worldscope	21	27	\$.67 (per search database)
OCLC	Media Review Digest	12	10	\$.67 (per search database)
OCLC	Disclosure	2	10	\$.67 (per search database)

The Cost Effectiveness of Databases:

The median cost per search for the databases we have statistics is \$.56 if we exclude the OCLC Per Search databases, which cost a flat \$.67 per search.

Most Cost-Effective Databases (Cost per Search)		
Database	Subscription cost	Cost per Search
Oregonian	paid for by SDLG	\$.00
Ebsco suite of databases	\$22,990 in 2004/05	\$.02
Agricola (Silver Platter) ³	\$1,503 in 2005	\$.02
CINAHL	\$1,315 in 2004/05	\$.07
LitFinder	\$650 in 2004/05	\$.12

Least Cost Effective Databases (Cost per Search)		
Database	Subscription cost	Cost per Search
LexisNexis Statistical	\$8,617 in 2005	\$14.31
Kraus Curriculum Development Files	\$1,757.50 in 2004/05	\$9.93
Journal Citation Reports	\$9,175 in 2004/05	\$5.68
INSPEC	\$30,000 in 2004/05	\$4.09
Historical Abstracts	\$6,869.31 in 2005	\$3.39
America: History & Life	\$6,869.31 in 2005	\$3.33

³ Cancelled in 2006 to pay for enhanced CAB Abstracts; still available through Ebsco & the NAL

Part III: Electronic Books, Reference Tools and Data Sets

Electronic Books

In 2005, 11% of our NetLibrary titles were used (321 of 2,986) for a total of 988 views. This is a slight change from 2004, when more individual titles (338) were used fewer (875) times. Over the lifetime of the NetLibrary collection, 953 titles (32%) have been used a total of 4,556 times.

Computer Science titles continue to be the most used by subject, although a few other titles were popular – *The Voter's Guide to Election Polls*, *From Barbie to Mortal Combat: Gender and Computer Games*, *Handbook of Indigenous Fermented Foods*, *Hiking Oregon's Geology*, *The Rise of Islam and the Bengal Frontier, 1204-1760*, and *The Focus Group Research Handbook*.

In September 2005, III modified the available proxy server statistics to include patron code information. NetLibrary books are most often used on campus (72% of authentications); the main off campus users were seniors (9%), faculty (7%), graduate students (5%) and juniors (4%).

The most used titles in 2005 are listed below. These titles make up almost half of the NetLibrary use in 2005.

Most Used NetLibrary Titles				
Accesses	Title	LCC	Authors	Year
51	Sams Teach Yourself MFC in 24 Hours	QA76.76.A65M676 1999eb	Morrison, Michael.	1999
43	Digital Modulation Techniques {Artech House Telecommunications Library}	TK5103.7.X65 2000eb	Xiong, Fuqin.	2000
37	The Voter's Guide to Election Polls	HN90.P8T73 2000eb	Traugott, Michael W.; Lavrakas, Paul J.	2000
35	Sams Teach Yourself Visual Basic 6 in 21 Days	QA76.73.B3P47268 1999eb	Perry, Greg M.	1999
21	From Barbie to Mortal Kombat : Gender and Computer Games	GV1469.S63F76eb	Cassell, Justine; Jenkins, Henry	1998
20	Sams Teach Yourself Adobe Photoshop 5 in 21 Days	T385.C52428 1998eb	Clark, T. Michael.	1998
20	Sams Teach Yourself Visual C++ 6 in 21 Days	QA76.73.C153C466 1999eb	Chapman, Davis Howard.; Heaton, Jeff.	1999
18	The Complete Idiot's Guide to Microsoft Access 2000	QA76.9.D3H244 2000eb	Habraken, Joseph W.	1999
15	Handbook of Adhesive Technology	TP968.H347 1994eb	Pizzi, A.	1994
14	Sams Teach Yourself Microsoft Access 2000 in 24 Hours	QA76.9.D3E29 1999eb	Eddy, Craig.; Buchanon, Timothy.	1999
14	Sams Teach Yourself	QA76.9.D37	Kimmel, Paul.	2000

	Microsoft Access 2000 Programming in 24 Hours			
13	Handbook of Indigenous Fermented Foods {Food Science and Technology (Marcel Dekker, Inc.) ; 73}	TP371.44.H36 1995eb	Steinkraus, Keith H.	1995
13	Hiking Oregon's Geology	GV199.42.07B57 1996eb	Bishop, Ellen Morris.; Allen, John Eliot	1996
13	The Rise of Islam and the Bengal Frontier, 1204-1760 {Comparative Studies On Muslim Societies ; 17}	DS485.B46E16 1993eb	Eaton, Richard Maxwell.	1993
12	The Focus Group Research Handbook	H61.28.E36 1999eb	Edmunds, Holly.	1999
11	Sams Teach Yourself Perl in 21 Days	QA76.73.P22L46 1999eb	Lemay, Laura.	1999
11	Using Visual Basic 6	QA76.73.B3E373 1999eb	Eidahl, Loren.	1999
10	JavaScript Complete	QA76.73.J39H653 1998eb	Holzner, Steven.	1998
10	PHP Pocket Reference	QA76.73.P224L47 2000eb	Lerdorf, Rasmus.	2000
9	Learning the Bash Shell	QA76.76.O63N458 1998eb	Newham, Cameron.; Rosenblatt, Bill.	1998
9	Sams Teach Yourself ATL Programming in 21 Days {Sams Teach Yourself}	QA76.76.D47	Scribner, Kenn.	2000
8	GNU Emacs Pocket Reference	QA76.76.T49 1999	Cameron, Debra.	1999
8	IT Manager's Guide to Virtual Private Networks	TK5105.8.E87C64eb	Clark, David.	1999
8	Peter Norton's Guide to Microsoft Access 2000 Programming	QA76.57.M52N67 2000eb	Norton, Peter.; Andersen, Virginia.	2000

Reference Tools

OSU Libraries added a number of reference tools to our electronic resource collection in 2005. For the purposes of this report, electronic reference tools are online resources (excluding NetLibrary) that do not fall into other categories.

Electronic Reference Titles		
Publisher	Title	Full Text Viewed 2005
BNA	Birds of North America*	16,739
Britannica	Britannica Online	5,637
CollegeSource	CollegeSource	3,740
Dekker	Encyclopedia of Biomaterials & Biomedical Engineering	N/A
Dekker	Encyclopedia of Biopharmaceutical Statistics	N/A
Dekker	Encyclopedia of Soil Science	N/A
Dekker	Encyclopedia of Water Science	N/A
Elsevier	Encyclopedia of Atmospheric Sciences*	219
Elsevier	Encyclopedia of Forest Sciences*	507
Elsevier	Encyclopedia of Ocean Sciences*	200
Elsevier	Treatise on Geochemistry*	807
Gale VRL	Child Development	50
Gale VRL	Countries & Their Culture	136
Gale VRL	Dictionary of American History	242
Gale VRL	Encyclopedia of Aging	41
Gale VRL	Encyclopedia of Bioethics	28
Gale VRL	Encyclopedia of Education	252
Gale VRL	Encyclopedia of Irish History*	30
Gale VRL	Encyclopedia of Islam & the Modern World*	89
Gale VRL	Encyclopedia of School Psychology*	96
Gale VRL	Gale Encyclopedia of Psychology	96
Gale VRL	Grzimek's Animal Encyclopedia*	41
Gale VRL	Social Trends & Indicators USA	42
Gale VRL	U*X*L Encyclopedia of Water Science	10
Grove	Grove Art Online	2,160
Grove	Grove Music Online	1,704
OUP	Oxford English Dictionary	9,752
Taylor & Francis	Europa World	1,325

The III proxy server authentications can't be broken down for individual titles in the Gale Virtual Library, the Dekker encyclopedias, or separated from journal usage for Elsevier titles.

Usage of the Oxford English Dictionary was almost evenly divided between on campus (48%) and off campus (52%). The primary off campus users were juniors (14%), graduate students (12%), faculty (9%), seniors (8%) and sophomores (6%).

Just over half of the use of Grove Art online was on campus (58%). Most off campus use was by faculty (29%), other (3%), Staff (3%) and seniors (2%). Less than half of Grove Music use was on campus (40%). The main users off campus were faculty (36%), seniors (17%), juniors (3%) and graduate students (2%).

60% of the usage of Europa World was on campus. The primary off campus users were seniors (21%), followed by faculty (7%), juniors (4%), graduate students (3%) and sophomores (3%).

The Gale VRL titles were used on campus over half the time (67%); the primary off campus users were seniors (11%), graduate students (7%), juniors (6%), and freshmen (4%).

The Dekker encyclopedias were used more off campus (only 40% of authentications were on campus); the primary users were other (20%), graduate students (18%), seniors (10%), juniors (5%), and faculty (4%).

Data Sets

Currently, the only data set we subscribe to and have usage statistics for is the Inter-University Consortium for Political and Social Research (ICPSR). ICPSR acquires, processes and distributes social science data collected by government agencies and other researchers. The data holdings cover a broad range of disciplines, including political science, sociology, demography, economics, history, education, gerontology, criminal justice, public health, foreign policy, and law.

OSU Libraries pays half the cost of this data set, which was \$12,730 in 2004/05. During the last subscription period, 421 data sets were downloaded by researchers at OSU, for a cost per data set of \$30.24.

Part IV: Electronic Journals

Electronic journal usage definitely increased in 2005. We have usage statistics for 10,974 electronic journals which were used at least once in 2005, up 17% from 2004. This is 40% of the electronic journals we have identified in Serials Solution, which listed 42,324 titles (27,587 unique titles as there is about 27% overlap among the collections). A total of 768,444 articles (up 46%) were viewed in these journals. The average number of articles viewed per title is 70 (up from 56 in 2004) and the median is 11 (up from 6). 11,195 of our electronic journals are in major packages that do not provide title-level statistics (see below).

Most Used Electronic Journals

The top 20 journals comprise almost 15% of the use of electronic journals. The most used journals by far continue to be *Science*, *Nature* and the *Proceedings of the National Academy of Science*. Of the remaining top titles, 7 are in EbscoHost databases, 4 are from the American Chemical Society package, 2 are American Geophysical Union titles, and one each from the American Medical Association, the American Institute of Physics and Oxford University Press.

Most Used Journals in 2005		
Platform	Title	Total Full Text
Highwire	Science	21,306
Nature	Nature	19,069
Highwire	Proceedings of the National Academy of Science	11,991
Ebsco	USA Today	5,667
ACS	Journal of the American Chemical Society	5,540
ACS	Organic Letters	5,437
Ebsco	Economist	5,159

Ebsco	AMERICAN JOURNAL OF PUBLIC HEALTH	4,584
Ebsco	Lancet	4,090
Ebsco	HARVARD BUSINESS REVIEW	3,882
ACS	Journal of Agricultural and Food Chemistry	3,626
Ebsco	Time	3,430
AGU	Journal of Geophysical Research (All Sections)	3,428
AIP	Journal of Applied Physics	3,405
ACS	Environmental Science & Technology	3,335
Ebsco	Newsweek	3,279
AGU	Geophysical Research Letters	3,223
Highwire	JAMA	3,131
ACS	Journal of Organic Chemistry	3,031
OUP	Nucleic Acids Research	2,783

In 2004, usage statistics were available for 9,377 electronic journals. 525,156 articles were viewed in these journals. The top 10 titles made up 17% of the articles viewed.

Most Used Journals in 2004		
Platform	Journal	Total Full Text
Highwire	Science	19,677
Highwire	Proceedings of the National Academy of Sciences	17,158
Nature	Nature	15,076
Ebsco	Newsweek	6,907
ACS	Journal of Agricultural and Food Chemistry	5,487
Ebsco	USA Today	5,057
Ebsco	Economist	4,466
ACS	Journal of the American Chemical Society	4,212
ACS	Organic Letters	3,972
Ebsco	Lancet	3,752

In 2003, usage statistics were available for 5,348 electronic journals. 513,295 articles were viewed in those journals. The top 10 titles made up 16% of the articles viewed.

Most Used Journals in 2003		
Platform	Journal	Total Full Text
Nature	Nature	18,222
Highwire	Science	16,473
Highwire	Proceedings of the National Academy of Sciences	10,589
Ebsco	Lancet	6,883
ACS	Journal of Agricultural & Food Chemistry	6,689
ACS	Journal of the American Chemical Society	5,871
Ebsco	Newsweek	5,642
ACS	Environmental Science & Technology	5,214
Ebsco	Economist	5,193
Ebsco	BMJ: British Medical Journal	4,773

Major Packages and Aggregators (100+ titles)

In 2005, we moved Springer, Kluwer and Wiley titles to electronic only access. These moves added 1,477 titles to our electronic journal collection.

We have usage statistics for most of the major aggregator databases and larger publishers. For these platforms, we can compare the titles used to all titles available in the package, and see that between 59% and 91% of the titles were used at least once last year.

Major Journal Packages and Aggregators				
Publisher/Platform	Titles Available	Titles Used	Articles Viewed	Most Used Journals (articles viewed)
BioMedCentral Open Access	144	116 (81%)	1,228 ⁴	BMC Genomics (156) BMC Bioinformatics (142) BMC Evolutionary Biology (102) BMC Microbiology (82) BMC Cell Biology(68) Virology Journal (68)
Blackwell Synergy	228	389 ⁵	16,637	The Plant Journal (1,517) Molecular Ecology (1,461) Ecology Letters (916) Global Change Biology (849) Molecular Microbiology (846)
EbscoHost	12,371	7,351 (59%)	385,001	See Most Used Journals table above
Education Full Text	302	243 (80%)	6,404	Mathematics in School (871) Mathematics Teacher (339) Mathematics and Computer Education (334) Medicine and Science in Sports and Exercise (287) School Science and Mathematics (248) Mathematics Teaching in the Middle School (179)
Elsevier Web Editions	732	522 ³ (71%)	73,901	Forest Ecology and Management (2,648) Soil Biology and Biochemistry (1,431) Deep Sea Research Part II: Topical Studies in Oceanography (1,319) Tetrahedron Letters (1,278) Earth and Planetary Science Letters (1,135)
Ingenta	592	428 (72%)	7,457	Forest Science (590) Journal of Forestry (559) Western Journal of Applied Forestry (338) International Journal of Remote Sensing (253)

⁴ Statistics begin June 2005

⁵ Includes use of complimentary free articles in journals OSU does not subscribe to

				Journal of Marine Research (235)
JSTOR	231	210 (91%)	36,031	Ecology (2,622) Science (2,508) Conservation Biology (1,214) Ecological Monographs (976) American Naturalist (726)
Project Muse	288	262 (91%)	5,682	portal: Libraries and the Academy (203) Journal of College Student Development (181) The Review of Higher Education (127) MFS Modern Fiction Studies (121) Reviews in American History (116)
Springer/Kluwer	1,010	843 (83%)	24,544	Lecture Notes in Computer Science (1,121) Oecologia (1,118) TAG Theoretical and Applied Genetics (1,057) Machine Learning (883) Ecosystems (531)
Wiley	467	398 (85%)	17,050	Angewandte Chemie International Edition (2,777) Hydrological Processes (1,094) Journal of Applied Polymer Science (438) Biotechnology and Bioengineering (432) Journal of the Science of Food and Agriculture (397)

Other Electronic Journals

Three large electronic journal packages do not provide title-level statistics and only have aggregate data available. These are LexisNexis Academic, IEEE Electronic Library and the ACM Digital Library. The titles in these collections add up to almost a third of our electronic journals.

We can obtain limited usage information on individual titles from Serials Solution for these packages – the statistics show the “click through statistics” for individual titles through Serials Solution (either through the electronic journal list or through WebBridge links). These statistics do not reflect usage by a patron who used the link in the Database of Databases; it also does not indicate how many articles were viewed (which could be 0, 1 or more). For example, the journal *Organic Letters* was clicked-through 106 times but 5,437 articles were viewed in 2005.

Major Journal Packages without Title Level Statistics					
Database	# of Titles	Full Text Viewed	# of Titles Clicked Through	% of Titles Clicked Through	Most Clicked-Through Titles
ACM Digital Library	400	4,811 ⁶	94	24%	C&C 3C on-line 3D technologies for the World Wide Web ACM Annual Computer Science Conference ACM computing surveys
IEEE Electronic Library	7,104	48,332	1,649	23%	I E E E conference on visualization NAECON GaAs Reliability Workshop National Radio Science Conference : [proceedings] : NRSC IEEE Aerospace Applications Conference digest
LexisNexis Academic	3,691	59,995	1,546	42%	The New York times Health affairs (Millwood, Va.) Consumer reports Public health reports (1974) The Lancet (North American edition)

The other electronic journals available to our patrons fall into several categories: Open Access and other freely available journals (5,132 titles – about 12% of the titles in Serials Solution), journals without usage statistics available, journals whose publishers have not gotten back to me about usage statistics, and individual titles I am in the process of contacting the publisher about.

Open Access Journals

We have 13 open access and free journal collections in Serials Solution, including BioMedCentral and the Directory of Open Access Journals (DOAJ). There are 5,368 Open Access and freely available titles listed in these collections (4,370 individual titles as 30% are in more than one collection).

The click through statistics available through Serials Solution only shows the titles that were used by clicking on a link in the electronic journal list or through WebBridge. It does not include usage by OSU patrons who accessed the journals directly.

The Gallica collection is an historical archive of scanned European journals, similar to JSTOR but freely available. The collection was added to Serials Solution late last year. SORA is an archival collection of ornithological journals.

The “freely available” collections and the free Highwire Press journals often have 6-12 month embargoes where the latest issues aren’t available. We have separate subscriptions to a number of these titles, so click-through statistics may reflect where the patron chose the “free” link rather than the alternate link that was also listed in the e-journal list or WebBridge.

⁶ ACM Statistics for January-June 2005 only

Open Access & Other Freely Available Journals				
Collection	# of Titles in Collection	# of Titles With Click-Throughs	# of Click-Throughs 2005	Most Clicked-Through Titles
BioMedCentral ⁷	144	77 (54%)	283	The Scientist (Philadelphia, Pa.) Current opinion in drug discovery & development Virology journal Cell & chromosome Current opinion in investigational drugs (London, England : 2000)
DOAJ	2,058	747 (36%)	3,173	Fishery bulletin (Washington, D.C.) Journal of athletic training Microbiology and immunology AAPS PharmSci Ecology and society
Freely Accessible Arts & Humanities Journals	259	43 (17%)	212	Access history Jacket (Sydney, Australia) Absinthe Literary Review Janus head Early modern literary studies
Freely Accessible Business Journals	128	27 (21%)	106	B-> quest ABA banking journal Quarterly review - Federal Reserve Bank of Minneapolis Dallas business journal Maine business indicators
Freely Accessible General Interest Journals	58	6 (10%)	21	Dallas observer High country news AIDS in New York State through ... Akwesasne Indian Time Beijing review The Adirondack record-Elizabethtown post
Freely Accessible Journals	245	90 (37%)	555	The Condor (Los Angeles, Calif.) FEBS letters

⁷ Usage statistics are available for BioMedCentral titles through our membership (see journal packages section above).

				The Wilson bulletin (Wilson Ornithological Society) Clinical therapeutics Japanese book news
Freely Accessible Pre-print Services	4	1 (25%)	1	Electronic-liquid crystal communications
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