

## Executive Summary

The electronic resource landscape has changed significantly at Oregon State University Libraries (OSUL) since the last summary report (2005). The number of electronic databases and journals has continued to increase, and the number electronic books has skyrocketed.

In 2005, OSUL had access to 42,324 electronic journals titles. In 2009, that has increased to 71,972 unique titles. We have COUNTER-compliant usage statistics for 15,661 titles. Among these titles, 1,116,274 articles were downloaded or viewed. *Science* and *Nature* continue to be the most used electronic journals in the OSUL collection.

The number of databases available to OSU patrons has increased from 121 in 2005 to over 250 in 2009, including a large number of Gale databases provided through the statewide database licensing contract. In 2005, there were 1,852,533 searches performed in 113 databases with usage statistics. In 2009, this has increased to 4,083,486 searches in 225 databases. Even taking the increased number of databases into account, usage of databases has doubled since 2005.

In 2005, the OSUL electronic book collection was limited to 2,986 NetLibrary titles. In 2009, OSUL had 20,547 electronic books from 6 vendors, including Electronic Book Library, Safari Tech Books, and Springer. These books were used over 27,000 times in 2009.

## Electronic Journal Usage

OSU currently has access to 99,357 electronic journals, including subscriptions, aggregator databases (e.g., Ebscohost Academic Search Premier), and freely accessible journals (e.g., Directory of Open Access Journals). There is some overlap among these sources, and there are a total of 71,972 unique titles in the electronic journal list in Serials Solutions.

OSU Libraries currently subscribes to 23,042 electronic journals, magazines and newspapers. In addition, there are 18,890 titles available through the Ebsco, Gale and LexisNexis aggregator databases and 30,000 freely available journals.

COUNTER statistics are available for a large number of our subscriptions and aggregator databases, but are not available for some subscriptions, including LexisNexis Academic, some small publishers, and the freely available titles. There are 15,661 journals that have COUNTER statistics for at least one download in 2009. In total, 1,116,274 articles were downloaded from these journals in 2009.

As in previous years, the most used electronic journals, by a wide margin, are *Science* and *Nature*. *Science* is on the top 20 list twice, once for the subscription to current issues and once for the JSTOR archive. The American Chemical Society publishes 4 of the top 20 journals and the American Society for Microbiology publishes 2 of the top 20 titles.

Most Used Electronic Journals 2009			
Journal Name:	Provider/Platform:	Publisher:	Downloads
Science	HighWire Press	American Association for the	22,167

		Advancement of Science	
Nature	Nature Publishing	Nature Publishing Group	18,389
Journal of the American Chemical Society	American Chemical Society	American Chemical Society	8,535
Library Journal	EBSCOhost	Reed Business Information / Reviews	8,344
Forest Ecology and Management	Elsevier	Elsevier	6,916
Applied and Environmental Microbiology	HighWire Press	American Society for Microbiology	6,289
Environmental Science & Technology	American Chemical Society	American Chemical Society	6,160
Publishers Weekly	EBSCOhost	Reed Business Information / Reviews	6,024
Solid-State Circuits, IEEE Journal of (1966 - )	IEEE	IEEE	5,332
Digital Library <sup>1</sup>	American Geophysical Union	American Geophysical Union	5,051
New England Journal of Medicine	HighWire Press	Massachusetts Medical Society	4,968
USA Today	EBSCOhost	Gannett Company, Inc.	4,915
The Journal of Organic Chemistry	American Chemical Society	American Chemical Society	4,743
Ecology	JSTOR	Ecological Society of America	4,667
Economist	EBSCOhost	Economist Newspaper Limited	4,665
Nature News	Nature Publishing	Nature Publishing Group	4,547
Organic Letters	American Chemical Society	American Chemical Society	4,486
AMERICAN JOURNAL OF PUBLIC HEALTH	EBSCOhost	American Public Health Association	4,250
Journal of Bacteriology	HighWire Press	American Society for Microbiology	4,123
Science	JSTOR	American Association for the Advancement of Science	4,041

For resources without COUNTER statistics, alternate statistics are sometimes available. These include aggregate statistics for a database and the click-through statistics from Serials Solution. Click-through statistics indicate the number of times a title or publisher link was clicked on in the e-journal list; from that point, a patron could have downloaded no articles or multiple articles.

Full Text Resources with Aggregate Statistics	
Database	# of Downloads
LexisNexis Academic (8,180 periodicals, legal data)	112,700
Standard & Poor's NetAdvantage (company profiles, fund reports, industry surveys)	6,895
PressDisplay (1,184 newspapers)	2,009
ICPSR (data sets and files)	1,916

<sup>1</sup> AGU Digital Library is the archive collection of AGU titles

LexisNexis Statistical (statistical data)	1,014
LexisNexis Congressional	974
ASABE Technical Library (7 journals, conference proceedings , books)	593

Non-COUNTER Journals with Highest Click-Throughs 2009		
Platform	Title	Click-Throughs
Inter-Research	Marine ecology. Progress series (Halstenbek)	950
Ecological Society of America Publications	Ecology (Durham)	741
American Fisheries Society	Transactions of the American Fisheries Society (1900)	659
PubMed Central	Proceedings of the National Academy of Sciences of the United States of America	614
Ecological Society of America Publications	Ecological applications	597
Geological Society of America Publications	Geology (Boulder)	451
American Fisheries Society	North American journal of fisheries management	397
American Society of Limnology and Oceanography Publications	Limnology and oceanography	312
Freely Accessible Science Journals	Proceedings of the National Academy of Sciences of the United States of America	291
Freely Accessible Science Journals	Journal of range management	290
Ecological Society of America Publications	Frontiers in ecology and the environment	263
Geological Society of America Publications	Geological Society of America bulletin	261
PubMed Central	American journal of public health (1971)	232
American Fisheries Society	Fisheries (Bethesda)	230
HighWire Press (Free Journals)	Journal of animal science	217
Freely Accessible Science Journals	Northwest science	214
American Phytopathological Society Journals	Plant disease	208
University of Chicago Press Journals	The American naturalist	202
American Phytopathological Society Journals	Phytopathology	191

### Databases

OSU Libraries has over 250 databases listed in the Database of Databases list on the library's home page. The number of database increased substantially in 2009 with the addition of the Gale databases through the Statewide Database Licensing Group. In addition, there are 45 freely available databases included in the database list, including databases produced by the Department of Energy, the USDA, and the University of Minnesota.

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Usage statistics are available for 225 databases. In the databases with usage statistics, 4,083,486 searches were performed in 2009. 187 of these databases also provide session statistics; 987,359 user sessions accessed the databases with these statistics. Web of Science and MEDLINE are the only index-only databases to make the 10 most used database list; the other highly used databases have full text content.

Most Usage Databases 2009			
Database Name:	Provider/Platform:	Sessions	Searches
Academic Search Premier	EBSCOhost	201,997	479,751
Academic OneFile	Gale	52,458	330,549
Image Collection	EBSCOhost	39,723	127,265
Web of Science	Thomson Scientific	23,823	121,976
Business Source Premier	EBSCOhost	87,655	119,712
General OneFile	Gale	13,976	90,261
Health Reference Center Academic	Gale	11,379	86,564
MEDLINE	EBSCOhost	17,847	79,866
Psychology Collection	Gale	10,338	75,326
Educator's Reference Complete	Gale	11,691	74,519

## Electronic Books

OSU Libraries significantly increased its collection of electronic books in 200, initiating the ordering of Electronic Book Library (EBL) books through Blackwell's Collection Manager, adding 4 Springer electronic book collections, completing the joint purchase of the Morgan & Claypool Synthesis Digital Library with the University of Oregon, and beginning a subscription to Safari Tech Books. In addition, the State Database Licensing Group contract with Gale added access to a number of electronic books. OSU Libraries now has over 20,000 electronic books that were used over 27,000 times in 2009.

E-Book Collection	Number of Titles	Total Views 2009	Most Used Title
EBL	95	528	Women, Science, and Technology : A Reader in Feminist Science Studies
Gale	1,128	14,647	Gale Encyclopedia of Medicine
Morgan & Claypool	141	N/A	N/A
NetLibrary	2,987	952	Handbook of Conflict Resolution : Theory and Practice
Safari Tech Books	200	1,516	Presentation Zen: Simple Ideas on Presentation Design and Delivery
Springer Biomedical &	2,837	2,399	Mixed effects models

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Life Sciences			and extensions in ecology with R
Springer Computer Science	7,788	2,211	Encyclopedia of GIS
Springer Earth & Environmental Science	1,188	2,381	Measuring Precipitation From Space
Springer Mathematics & Statistics	4,183	2,373	A Beginner's Guide to R
<b>Total</b>	<b>20,547</b>	<b>27,007</b>	