**California Digital Library
Key Indicators of Collections and Use**
July 1, 2000 – June 30, 2001

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1   Introduction

The CDL is in the process of changing from calendar year statistical reporting to fiscal year reporting. Unless otherwise noted, this report presents selected statistics for the scope and usage of CDL collections and services for the fiscal year July 1, 2000 to June 30, 2001, and contrasts them, where possible, with similar metrics from January to December 2000. It is important to note that, since this report reflects the transition to fiscal year reporting, in most cases, there is an overlap of 6 months of data (Jul-Dec 2000).

Because we did not anticipate the switch to fiscal year reporting, previous data is not always available in the aggregation necessary to compare fiscal years. The reader will notice some comparisons between 12/00 and 07/01. By aggregating in 6-month increments, we will be able, in the future, to compare calendar years or fiscal years though the intent is to report regularly with fiscal years.

While preparing the FY 2000-2001 report the authors struggled to balance explanations of the complexity of the CDL resource environment with clear, succinct summary measurements. Issues that continue to affect the way statistics are reported include:
- The difficulty of matching available statistics to useful collection and service categories when:
  - logging routines and reports were inherited by the CDL that were inconsistent in categorizing users affiliations and in aggregating, or not, across interfaces (telnet and web) and level of hosting (locally mounted databases versus Z39.50 access to databases);
  - new collections and services have been introduced, ongoing collections and services are rapidly evolving.
- Challenges in the management of information about externally licensed resources due to widely varying availability and content of vendor-supplied statistics.

The key indicators were selected for this report partly based upon their ability to indicate change. Note that we have not performed statistical tests of significance on the magnitude of these changes and that we leave speculation about their causes to the reader. Still, we think it fair to say that there is evidence for the following overall trends:
- A significant shift in usage patterns of CDL-Hosted content (primarily from telnet to web-based access)
- Growth in the use of content, especially of e-journals
- Significant growth in the number of ejournals available via links in the CDL-hosted article citation databases
- Continued growth in the usage of the Request Service
- A reduction in the use of some CDL services

2 Size and Scope of the CDL Collection

Listed below is the total number of resources accessible from the CDL Directory of Collections and Services. These totals include resources available to UC campuses due to consortial agreements and open access resources.

As of:	Dec-00	Jun-01	% Growth
Ejournals Titles	5,493	5797	5.53%
Ejournals available via links from citations in CDL locally mounted databases	3,334	3852	15.54%
Reference Text	6	6	0.00%
Database[1]	183	200	9.29%
Finding Aids	5,801	6317	8.90%
UC Press Books	60	60	0.00%

2.1 Bibliographic Databases/Reference Texts Records

As of:	Dec-00	Jun-01	% Growth
Melvyl Union Catalog (CAT)	10,352,190	10,533,104	1.75%
California Periodicals (PE)	829,822	849,662	2.39%
CDL Locally Mounted Databases	47,771,310	49,691,809	4.02%
Total	**58,955,322**	**61,074,575**	**3.59%**
External Vendor Data[2]	226,108,970	234,747,609	3.82%

3 Content Utilization

3.1 Bibliographic Databases/Reference Texts Searches

Searches – Melvyl Catalog and California Periodical Titles			
	Jan-Dec 2000	Jul-Jun 2001	% Growth
Web	7,063,289	7,034,677	-0.41%
Telnet	3,476,566	2,831,979[3]	-18.54%

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[1] In several cases "bibliographic databases" also contain full text items (e.g. GPO Gate, MAGS). These figures do not distinguish between item types in such mixed item databases
[2] Data is drawn from the same 28 databases reporting
[3] Monthly totals for the California Periodicals database for January and April 2001 were derived due to logging program errors; details available on request

Searches - CDL Locally Mounted A&I Databases [4]

	Jan-Dec 2000	Jul-Jun 2001	% Growth
Web	8,722,198	9,114,929	4.50%
Telnet	3,966,288	2,560,561[5]	-35.44%

Searches CDL-hosted Databases
Percent increase/decrease Jan-Dec 2000 to Jul-Jun 2001

	Telnet[6]	Web
UCB	-13.76%	15.40%
UCD	-14.77%	7.62%
UCI	-19.29%	2.45%
UCLA	-30.61%	-13.17%[7]
UCR	-25.26%	16.75%
UCSD	-13.31%	2.68%
UCSF	-26.01%	6.14%
UCSB	-38.63%	7.91%
UCSC	-36.87%	31.99%
Other UC and Non-UC Locations	-13.82%	1.99%

Searches: External Database Vendors[8]

Jan-Dec 2000	Jul-Jun 2001	% Growth
3,098,639	3,262,294	5.28%

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[4] Does not include Melvyl and California Periodicals Titles databases

[5] Some monthly totals were derived due to logging program errors; details available on request

[6] January and April 2001 total were derived due to logging program errors; details available on request

[7] UCLA's use of Melvyl surged in 2000-2001 due to problems with their transition to ORION2; subsequent drop in usage was due to ORION2 coming online.

[8] Data drawn from the same 36 databases reporting

3.2 Ejournals Number of Articles Viewed[9]

Articles Viewed : Journal Publisher (selection of major publishers reporting)			
	Jan-Dec 2000	Jul-Jun 2001	% Growth
Elsevier Science Direct[10] *[PDF+HTML]*	788,274	996,748	26.45%
American Chemical Society Journals *[PDF+HTML]*	339,798	422,060	24.21%
Science *[Full text HTML + PDF]*	310,274	357,275	15.15%
Journal of Biological Chemistry *[Full text HTML + PDF]*	264,527	293,361	10.90%
Proceedings of the National Academy of Sciences *[Full text HTML + PDF]*	213,365	249,402	16.89%
JSTOR *[jprint+PDF+PS+articles viewed]*	390,686	520,775	33.30%
Project Muse *[articles viewed]*	67,283	134,838	100.40%
Society for Industrial and Applied Mathematics *[PDF+PS+.DVI]*	8,507	9,081	6.75%

3.3 Finding Aids Searches

Finding aids are the inventories and registers of collections of primary source materials held by libraries, museums, historical societies and other institutions. The Online Archive of California (OAC) collection includes finding aids to over 60 repositories/collections from across California.

Finding Aids Searches		
Jan-Dec 2000	Jul-Jun 2001	% Growth
98,789	124,374	25.90%

3.4 CDL Directory Sessions[11]

CDL Directory Sessions		
2000 (March)	2001 (March)	% Growth
119,956	162,554	35.51%

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[9] Note: ejournal usage is not adjusted to account for growth in content available.
[10] Missing October 2000.
[11] The CDL Directory statistics program reports visits, which are defined as recording "a unique host active during the period of an hour." We consider each visit to be equivalent to a session.

4   Service Utilization

The figures in this section reflect usage of CDL-hosted databases (locally mounted and those accessible via z39.50).

4.1   Display Command

Display		
Jan-Dec 2000	**Jul-Jun 2001**	**% Growth**
Web	1,6191,699	16,159,955	-0.20%
Telnet	6,768,922	5,541,930	-18.13%

4.2   Print/Mail/Save/Download Commands

Print/Mail/Save/Download Command		
Jan-Dec 2000	**Jul-Jun 2001**	**% Growth**
Web	1,398,926	1,329,418	-4.97%
Telnet	514,911	389,858	-24.29%

4.3   Web Interface Profile

Profile is a tool that allows patrons to set up personal preferences (such as preferred library location, display settings, and default database) when using CDL-hosted databases such as the Melvyl Catalog, the California Periodicals Titles database and many journal article databases.

Number of Profiles		
Nov-00	**Apr-01**	**% Growth**
29,000	22,919	-20.97%

4.4   Update

The Update feature allows users to create and retrieve automatic weekly updates of searches in the Melvyl Catalog and most CDL-hosted Databases. The results contain records that have been added to the system in the previous week, allowing users to continue to receive new records for the same search(es).

Number of Updates		
2000 (sample from Nov)	**2001** (sample from Jun)	**% Growth**
Web Updates	5,229	2,837	-45.74%
Web Update Users	999	910	-8.91%
Telnet	4,030	3,358	-16.67%
Telnet Update Users	n/a	n/a	

4.5 Web Interface Request

The Request feature allows users to place an online, interlibrary request for materials found in the Melvyl Catalog and many of the CDL-hosted Databases.

Number of Requests[12]

Jan-Dec 2000	Jul-Jun 2001	% Growth
116,655	141,165	21.01%

Usage by Patron Type[13]

	Jan-Dec 2000	Jul-Jun 2001	% Growth
Faculty	36,795	39,783	8.12%
Graduate	48,621	59,566	22.51%
Undergraduate	3,426[14]	11,655	240.19%
Staff	12,585	14,020	11.40%
Unknown	15,228	16,141	6.00%
TOTAL	**116,655**	**141,165**	

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[12] Figures reflect the total number of Request orders submitted, includes successful and unsuccessful orders
[13] Figures reflect the total number of Request orders submitted, includes successful and unsuccessful orders
[14] Available for undergraduates only Sep-Dec 2000