



**California Digital Library**  
**Key Indicators of Collections and Use**  
July 1, 2001 – June 30, 2002

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# 1 Introduction

Unless otherwise noted, this report presents selected statistics for the scope and usage of CDL collections and services for the fiscal year July 1, 2001 to June 30, 2002, and contrasts them, where possible, with similar metrics from fiscal year July 1, 2000 to June 30, 2001.

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:

- Significant growth in the number and use of ejournals
- Continued growth in the size of the Melvyl Catalog
- A shift in usage patterns of CDL-locally mounted databases: continued decrease in the use of telnet; and, due to the transition of the CDL-hosted bibliographic databases (see Appendix A), there was a decrease in usage of CDL-locally mounted databases [excluding Melvyl Catalog and California Periodicals Titles databases] as users began moving to vendor versions of the databases.
- Reduction in use of some external vendor database; although the overall totals are up
- A reduction in the use of some CDL services such as Update, Profile and Print/Mail/Save/Download (note, some of this reduction can be attributed to transitioning databases, in particular to the retiring of the CDL version of Medline in December 2001, see Appendix A)
- Continued growth in the use of the Request Service

The variety of CDL collections and services, the major transition for access to abstracting and indexing databases, and the inherent complexity of usage logging and metrics all conspire against straightforward statistics and their presentation. While great effort has been taken to label and present these key indicators clearly and accurately, the reader is advised to examine the caveats and explanations contained in the footnotes.

## 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:	June 2001	June 2002	% Growth Current (01-02)	% Growth Previous (00-01)
Ejournals Titles (includes ASCII text ejournals in CDL-hosted databases)	5,797	7,084	22.20%	5.53%
Ejournals available via links from citations in CDL locally mounted databases	3,852	4,877	26.61%	15.54%
Database <sup>1</sup> /reference resources	206	232	12.62%	8.99%
Finding Aids	6,317	7,104	12.46%	8.90%
UC Press Books	60	74	23.33%	0.00%
Working papers		428		
Datasets/Titles		20		
Statistical Tables		2,492		
Excel tables		803		
PDF tables		791		

### 2.1 Number of Records in Bibliographic Databases

As of:	June 2001	June 2002	% Growth Current (01-02)	% Growth Previous (00-01)
Melvyl Union Catalog (CAT)	10,533,104	11,023,314	4.65%	1.75%
California Periodicals (PE)	849,662	866,695	2%	2.39%
CDL Locally Mounted Databases	49,691,809	41,873,184	-15.8% <sup>2</sup>	4.02%
<b>Total</b>	<b>61,074,575</b>	<b>53,763,193</b>	<b>-11.97%<sup>2</sup></b>	<b>3.59%</b>
External Vendor Data <sup>3</sup>	234,747,609	260,926,913	11.1%	3.82%

<sup>1</sup> 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

<sup>2</sup> The reduction in database record numbers can be attributed to Medline retiring in Dec. 2001; in Dec. 2001 Medline contained 11,322,047 records.

<sup>3</sup> Data is drawn from the same 31 databases reporting

### 3 Content Utilization

#### 3.1 Bibliographic Database Searches

##### 3.1.1 Searches – Melvyl Catalog and California Periodical Titles

	July 2000-June 2001	July 2001-June 2002	% Growth current (01-02)	% Growth previous (00-01)
Web	7,034,677	7,217,971	2.61%	-0.41%
Telnet	2,831,979	2,196,741	-22.43%	-18.54%

##### 3.1.2 Searches - CDL Locally Mounted A&I Databases <sup>4</sup>

	July 2000-June 2001	July 2001-June 2002	% Growth current (01-02)	% Growth previous (00-01)
Web	9,114,929	6,226,487	-31.69% <sup>5</sup>	4.50%
Telnet	2,560,561	1,172,697	-54.20%	-35.44%

##### 3.1.3 Telnet and Web Searches by Campus for all CDL-hosted Databases

	Percent increase/decrease July 2000-June 2001 to July 2001-June 2002	
	Telnet	Web <sup>6</sup>
UCB	-37.24%	-2.85%
UCD	-34.87%	-3.52%
UCI	-46.90%	-22.11%
UCLA	-55.94%	-23.47%
UCR	-32.97%	-4.13%
UCSD	-42.93%	-31.16%
UCSF	-58.90%	-59.54%
UCSB	-51.27%	-15.69%
UCSC	-27.92%	-3.02%
Other UC and Non-UC Locations	-29.39%	-15.74%

##### 3.1.4 Searches: External Database Vendors<sup>7</sup>

July 2000-June 2001	July 2001-June 2002	% Growth Current (01-02)	% Growth Previous (00-01)
3,262,294	3,415,088 <sup>8</sup>	4.68%	5.28%

<sup>4</sup> Does not include Melvyl and California Periodicals Titles databases

<sup>5</sup> The drop in usage can be attributed to the fact that during FY 01-02 alternative access via external vendors was made available for many CDL-locally mounted databases. In addition, Medline was retired in Dec 2001 (see Appendix A for complete list of databases). Note: Web usage of Medline for Jan-Jun 2001 was 22% of the total usage.

<sup>6</sup> See footnote #5

<sup>7</sup> Data drawn from the same 36 databases reporting

<sup>8</sup> Due to missing data, usage for Web of Science for June 2002 is estimated based on previous year's usage.

### 3.2 *Ejournals - Number of Articles Viewed (selection of major publishers)*<sup>9</sup>

	July 2000- June 2001	July 2001- June 2002	% Growth Current (01-02)	% Growth Previous (00-01)
<b>Elsevier Science Direct</b> <sup>10</sup> <i>[PDF+HTML]</i>	996,748	1,380,237	38.47%	26.45%
<b>American Chemical Society Journals</b> <i>[PDF+HTML]</i>	422,060	569,094	34.84%	24.21%
<b>Science</b> <i>[Full text HTML + PDF]</i>	357,275	471,304	31.92%	15.15%
<b>Journal of Biological Chemistry</b> <i>[Full text HTML + PDF]</i>	293,361	379,593	29.39%	10.90%
<b>Proceedings of the National Academy of Sciences</b> <i>[Full text HTML + PDF]</i>	249,402	324,213	30.00%	16.89%
<b>JSTOR</b> <i>[jprint+PDF+PS+articles viewed]</i>	520,775	769,145	47.69%	33.30%
<b>Project Muse</b> <i>[articles viewed]</i>	134,838	126,203	-6.40%	100.40%

### 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.

Jan-Dec 2000	Jul 00-Jun 01	% Growth	Jul 01-Jun 02
98,789	124,374	25.90%	Data not available

### 3.4 *CDL Web Site Sessions*<sup>11</sup>

2001 (March)	2002 (March)	% Growth current (01-02)	% Growth previous (00-01)
162,554	185,639	14.20%	35.51%

<sup>9</sup> Note: ejournal usage is not adjusted to account for growth in content available.

<sup>10</sup> Missing October 2000.

<sup>11</sup> The CDL web site statistics program reports "unique 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. The web site statistics are dominated by the use of the CDL Directory.

## 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

	Jul 00 -Jun 01	Jul 01-Jun 02	% Growth current (01-02)	% Growth previous (00-01)
Web	16,159,955	12,878,609	-20.31% <sup>12</sup>	-0.20%
Telnet	5,541,930 <sup>13</sup>	2,868,408 <sup>14</sup>	-48.24% <sup>15</sup>	-18.13%

### 4.2 Print/Mail/Save/Download Commands

	Jul 00-Jun 01	Jul 01-Jun 02	% Growth current (01-02)	% Growth previous (00-01)
Web	1,329,418	893,381	-32.80% <sup>16</sup>	-4.97%
Telnet	389,858	121,693	-68.79% <sup>17</sup>	-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.

Nov 2000	Apr 2001	Nov 2001	Apr 2002	Average % Growth 00/01-01/02
29,000	22,919	21,327	18,306	-23.29% <sup>18</sup>

<sup>12</sup> Some of this reduction can be attributed to the fact that during FY 01-02 alternative access via external vendors was made available for many CDL-locally mounted databases. In addition, the Medline database was retired in Dec 2001 (see Appendix A for complete list of databases).

<sup>13</sup> This figure does not include usage of all OCLC and RLG hosted databases. It only includes usage for the largest used databases: WorldCat (OCLC) and RLIN Catalog (RLG).

<sup>14</sup> See footnote #13

<sup>15</sup> See footnote #12; in addition to the general trend toward lower usage of telnet

<sup>16</sup> See footnote #12

<sup>17</sup> See footnote #12; in addition to the general trend toward lower usage of telnet

<sup>18</sup> See footnote #12.

## 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).

	<b>2000 (sample from Nov)</b>	<b>2001 (sample from Jun)</b>	<b>Nov 2001 (sample from Nov)</b>	<b>June 2002 (sample from Jun)</b>	<b>Average % Growth 00/01-01/02</b>
Web Updates	5,229	2,837	2361	1674	-47.92% <sup>19</sup>
Web Update Users	999	910	775	498	-33.85%
Telnet	4,030	3,358	1,890	1,667	-51.73% <sup>20</sup>
Telnet Update Users	n/a	n/a	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.

### 4.5.1 Number of Requests<sup>21</sup>

<b>Jul 2000-June 2001</b>	<b>July 2001-june 2002</b>	<b>% Growth Current (01-02)</b>	<b>% Growth Previous (00-01)</b>
141,165	192,995	36.72%	21.01%

### 4.5.2 Usage by Patron Type<sup>22</sup>

	<b>July 2000- June 2001</b>	<b>July 2001- june 2002</b>	<b>% Growth Current (01-02)</b>	<b>% Growth Previous (00-01)</b>
Faculty <sup>23</sup>	39,783	54,657	37.39%	8.12%
Graduate	59,566	75,160	26.18%	22.51%
Undergraduate	11,655	22,222	90.66%	240.19%
Staff	14,020	19,803	41.25%	11.40%
Unknown	16,141	21,153	31.05%	6.00%
<b>TOTAL</b>	<b>141,165</b>	<b>192,995</b>	<b>36.72%</b>	<b>21.01%</b>

<sup>19</sup> See footnote #12

<sup>20</sup> See footnote #12; in addition to the general trend toward lower usage of telnet

<sup>21</sup> Figures reflect the total number of Request orders submitted, includes successful and unsuccessful orders

<sup>22</sup> Figures reflect the total number of Request orders submitted, includes successful and unsuccessful orders

<sup>23</sup> Includes Visiting Scholars usage, a new category was created in October 2002; total usage for Visiting Scholars for Oct-Jul 2002 was 88.



## Appendix A

Listed below are the CDL-locally mounted databases for which alternative access via external vendors began during FY 01-02; also included is the date the access began:

- ABI/Inform (Aug, 2001)
- Computer Articles (Aug, 2001)
- Current Contents (Apr, 2002)
- INSPEC (Apr, 2002)
- Magazine and Journal Articles (Aug, 2001)
- Medline (retired in Dec, 2001)
- News (Aug, 2001)
- PsycINFO (Mar, 2002)

### ***Web Searches for CDL-Locally Mounted Databases***

For web searches only, the table below includes usage and percentage of overall usage for each of the CDL-locally mounted databases.

<b>CDL Locally Mounted Databases Web Searches</b>	<b>July 2001 - June 2002</b>	<b>% of total FY 01-02 usage</b>	<b>July 2000 - June 2001</b>	<b>% of total FY 00-01 usage</b>
ABI / Inform	140,928	2.26%	200,336	2.20%
BIOSIS Previews	901,051	14.47%	767,248	8.42%
Computer Articles	32,798	0.53%	49,884	0.55%
Current Contents	484,276	7.78%	562,082	6.17%
INSPEC	1,117,893	17.95%	1,169,990	12.84%
MEDLINE/HealthSTAR	1,329,296	21.35%	3,703,895	40.64%
Magazine & Journal Articles	1,208,899	19.42%	1,643,406	18.03%
Newspaper Articles	79,709	1.28%	118,251	1.30%
PsycINFO	931,637	14.96%	899,837	9.87%
<b>TOTAL</b>	<b>6,226,487</b>	<b>100.00%</b>	<b>9,114,929</b>	<b>100.00%</b>