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ARL
PRESERVATION
STATISTICS
2005-06

A COMPILATION OF STATISTICS
FROM THE MEMBERS OF THE
ASSOCIATION OF RESEARCH LIBRARIES

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The quantitative tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

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INTRODUCTION

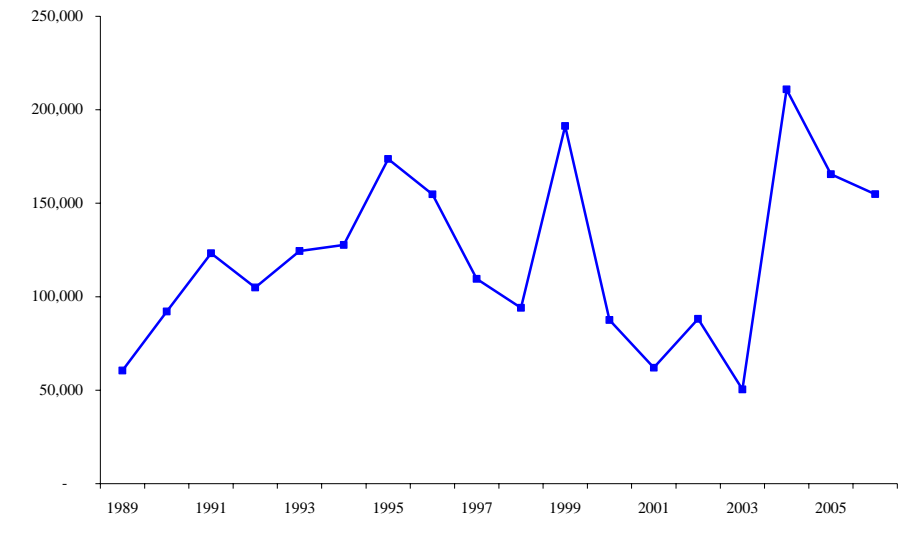
ARL Preservation Statistics 2005-06 presents data from 123 U.S. and Canadian research libraries that were members of the Association of Research Libraries during the 2005-06 fiscal year.¹ The ARL membership consisted of 113 university libraries and 10 independent research libraries (public or private) in 2005-06.

Major Findings

Among the significant developments that took place in research libraries in the 1980s was the emergence of preservation programs as distinct administrative units, separately staffed, funded, and administered. There were 66 such programs reported in 1988, as many as 80 reported in recent years, and 77 in 2005-06.²

These rapidly shifting trends have made themselves evident in many categories. Preservation expenditures for ARL's 111 reporting member libraries were \$107,937,836 in 2005-06, which reflects an inflation-adjusted increase of 27% since the survey's revision in 1996-97.³ Total preservation staff increased to just under 1,800 FTEs in 2005-06, 5.4% more than in 2004-05. Level 1 conservation treatment decreased from 2004-05 levels, while the number of items treated at Levels 2 and 3 increased; total conservation has increased by more than 50,000 volumes in the past year, bringing it higher than it has been in the last four years. Microfilming activity decreased by about 11,000 volumes, to 154,857; the high microfilming values over the last three years evident in Graph 1 was due mostly to a re-organization of counting at the Library of Congress, which reported 121,386 volumes microfilmed this year.

Graph 1: Bound Volumes Microfilmed



¹ Only 111 ARL member libraries are included in this dataset. Alberta, Arizona, Florida State, Houston, Illinois-Chicago, Kent State, Manitoba, Missouri, Queen's, Temple, the Canada Institute for Scientific and Technical Information, and the Center for Research Libraries did not submit responses to this survey.

² Since 1994-95, a preservation administrator has been defined as one who "spends at least 25% of his or her time managing a partial or comprehensive preservation program."

³ For more information on the survey revision, see page 8. Adjustments for inflation were computed using Consumer Price Index data retrieved from the U.S. Department of Labor, Bureau of Labor Statistics' *Consumer Price Index for All Urban Consumers - (CPI-U)*, located at <http://146.142.4.24/cgi-bin/surveymost?cu>.

External funding

Availability of external funds plays a critical role in preservation activities. In 1988, the National Endowment for the Humanities (NEH) began a multi-year, expanded cooperative preservation microfilming program, in which ARL libraries have participated extensively. However, it appears that cuts in the NEH budget have also negatively affected availability of external funding for preservation, which fell constantly from a high of \$11,090,547 in 1992-93 to a low of \$4,917,732 in 1997-98. In recent years external expenditures have been up and down, with the 2005-06 figure of \$6,270,601 representing a 2.3% decrease from 2004-05.

Analysis of Core Data for All Reporting Libraries

1. Organizational Structure

The most significant means for measuring the progress of ARL libraries in their preservation efforts is to track the existence of preservation programs managed by a preservation administrator. The data offer persuasive evidence that preservation programs have become a standard unit in the majority of research libraries. As displayed in Table 1, 77 institutions indicated that the library has appointed a preservation administrator, and, of those, 58 libraries reported that their preservation programs are managed by a full-time preservation administrator.

Full-time preservation administrator	58 (52.25%)
Part-time preservation administrator who devotes 50% or more time to preservation activities, but not 100%	13 (11.71%)
Part-time preservation administrator who devotes 25% to 50% of time to preservation activities	6 (5.41%)
Preservation administrator with less than 25% of time to preservation activities or no preservation administrator	34 (30.63%)

While most ARL libraries have separate preservation units, their placement is far from uniform. The 77 responses to the question on reporting relationships show that almost one-third of administrators report to the assistant/associate director for collection management. Roughly 25% of the preservation administrators report to the library director or associate library director (or an equivalent position, such as dean of libraries, etc.) The third most often cited reporting relationship is to the director of Technical Services; next, an "other" position, usually a director of a section not previously listed. Although the placement of preservation departments within the library structure varies, with few exceptions, the preservation administrator reports to senior library management.

Director of Libraries/ Associate Director	19 (24.68%)
Assistant/ Associate Director for Collection Management	25 (32.47%)
Assistant/ Associate Director for Technical Services	15 (19.48%)
Assistant/ Associate Director for Public Services	3 (3.90%)
Other	15 (19.48%)

2. Personnel

The size of the staff reporting to the preservation administrator is a key factor in defining a library's level of preservation program development. Table 3, below, displays the relation between number of professional staff FTE and the number of support staff FTE and student assistant FTE in preservation units (a total of 77 programs reported). The preservation administrator is included in the number of professional staff.

Reporting accurate statistics regarding the number of FTE staff engaged in preservation activities library-wide has always been problematic. The variety and complexity of organizational structures make collecting the data a time-consuming and difficult burden for libraries. Even in libraries with large-scale preservation departments, the data show that there are preservation aspects in the work of almost every library unit and that preservation is a library-wide responsibility. The more decentralized preservation activities are, the more scattered preservation staff becomes, and thus providing accurate data is all the more difficult. Given these caveats, Table 4 shows the medians of staff in preservation programs, library-wide (with 109 libraries reporting data).

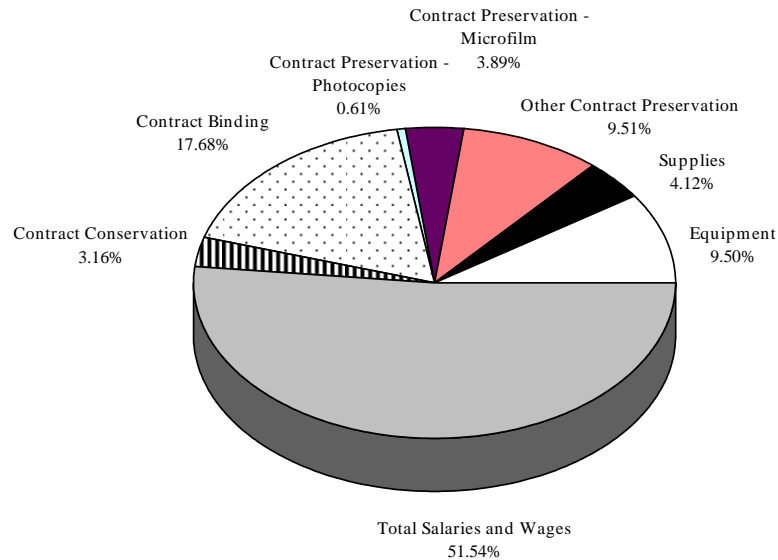
Table 3. Staffing Patterns of Preservation Programs

<u>Number of Professionals</u>	<u>Median of Support Staff</u>	<u>Median of Student Assistants</u>	<u>Median of Total FTE</u>
4 or more (20.78%)	10.07	2.32	18.74
2 - 3.9 (37.66%)	4.00	1.80	9.00
1 - 1.9 (28.57%)	3.58	2.00	5.79
less than 1 (12.99%)	3.26	1.00	4.67

Table 4. Staffing Patterns of Preservation Activities Library-Wide

<u>Number of Professionals</u>	<u>Median of Support Staff</u>	<u>Median of Student Assistants</u>	<u>Median of Total FTE</u>
4 or more (25.69%)	12.67	5.98	26.31
2 - 3.9 (30.28%)	5.40	2.30	11.00
1 - 1.9 (24.77%)	4.25	2.50	8.00
less than 1 (19.27%)	4.50	1.00	5.39

Graph 2: Preservation Expenditures 2005-06



3. Expenditures

The financial support for preservation activities in ARL university libraries ranged from \$40,000 to \$7.2 million during fiscal year 2005-06. As a corollary, ARL university libraries spent between 0.3 percent and roughly 7 percent of their total budgets on preservation.

Table 5 summarizes preservation expenditures by displaying the midpoint for three ranges for all reporting ARL libraries, including the Library of Congress, which alone spent more than \$25.5 million on its preservation programs. Table 5 also indicates corresponding median preservation expenditures as a percentage of total operating expenditures and as a percentage of materials expenditures. Graph 2, above, highlights the allocation of preservation expenditures, based on data from all reporting ARL libraries. Local needs and capabilities will determine the exact allocation of budgetary resources to various activities, but it is useful to look at the aggregate apportionment for ARL member libraries. The typical trends still hold true, with salaries and wages being the biggest expense.

Table 5. Preservation Expenditures			
	<u>Third Quartile</u>	<u>Median of All Responses</u>	<u>First Quartile</u>
Total Preservation Expenditures	\$827,955	\$465,016	\$325,211
Preservation Expenditures as % of Total Library Exp.	3.22%	2.31%	1.63%
Preservation Expenditures as % of Materials Expenditures	8.30%	5.86%	3.75%

4. Conservation Treatment

Conservation treatments encompass an array of activities as defined in the instructions that accompanied the survey. Beginning in 1989-90, the amount of *time* required to complete conservation treatments has been used (i.e., “treatments that require 15 minutes or less to perform,” “more than 15 minutes but less than 2 hours,” and “more than 2 hours”). While the resulting data tell only how long the treatments take rather than how technically complex they are, results are more reliable and do not invite facile assumptions about the nature of an institution’s conservation program. The table below provides information on the number of volumes that received minor (Level 1) treatment and the number of volumes that were given more time-consuming intermediate (Level 2) and major (Level 3) conservation treatment. It is recognized that significant differences exist in the nature of treatments performed.

	<u>Third Quartile</u>	<u>Median of All Responses</u>	<u>First Quartile</u>
Number of Volumes: Level 1 Treatment	7,523	2,702	973
Number of Volumes: Levels 2 & 3 Treatment	2,409	1,171	458

5. Preservation Reformatting

This section was revised substantially in 1997-98,⁴ and patterns are just now beginning to emerge from the resulting data. Preservation reformatting questions distinguish between reformatting of (a) bound volumes/pamphlets, (b) single, unbound sheets, and (c) photographs and non-paper items (e.g., audiotapes, motion picture film). Preservation reformatting tracks photocopying, microfilming, and digitizing for (a) bound volumes and (b) single sheets.

ARL Preservation Statistics actually underreports total microfilming among ARL members, as the reporting of preservation microfilming remains problematic. Although the best indicator of microfilm output is the total number of exposures or frames filmed, many libraries failed to report this figure. The

⁴ The survey was revised to address identified problems with the earlier versions of the questionnaire and to ask for new data elements (In some cases, in the form of optional questions). All critical data elements have been retained so libraries can continue to track comparable information over the past decade. In particular, the questionnaire was revised in the following manner:

- In the “conservation treatment,” “commercial binding,” and “preservation reformatting” categories, breakdowns identifying “in-house” vs. “contract” treatments have been eliminated and a composite figure is requested. This change eliminates half of the data categories while retaining all significant data. Outsourcing continues to be captured in the “expenditures” section of the survey, as in earlier versions.
- Confusion regarding photographs and non-paper items has been eliminated by separating “conservation” (repair of the original – question #19) from reformatting (copying of the original – question #24).
- For the purposes of streamlining, questions involving the number of titles and number of frames microfilmed have been eliminated, and a single measure of accomplishment – “number of volumes filmed” – has been retained. Data categories for microfilm and microfiche have been collapsed.
- The microfilming of unbound sheets has been broken out from bound-volume filming to yield clear, meaningful statistics. The same holds true for photocopying.
- Two optional questions regarding digitizing have been added (“number of bound volumes/pamphlets digitized” and “number of single, unbound sheets [manuscripts, maps, photographs] digitized”). In the instructions for the survey, “digitizing for preservation purposes” has been broadly defined.

survey revision was therefore designed to track only volumes, rather than titles and exposures; this figure is charted in Graph 1 and totals 154,857 volumes in 2005-06. A separate question tracks single, unbound sheets microfilmed, which totaled 11,686,507 in 2005-06 — a slight decrease from 2004-05, but still the third-highest total reported since the survey revision.

Digitizing bound volumes is gradually emerging as a viable preservation option. In 2005-06, 54 ARL libraries reported more than zero bound volumes digitized. The amount of items digitized varies widely, from one volume at the University of Delaware to 25,121 volumes digitized by the University of Florida.

Analysis of Core Data by Size of Collection

This section analyzes the organizational, fiscal, and functional components of preservation programs in relation to collection size. Many factors — including the age, nature and scope of the collection, the environmental conditions under which the collections have been housed, and the level of use — shape the ways in which a library’s preservation program develops. However, size of collection is the most important factor in measuring the level of preservation effort.

In 1991, ARL published preservation program benchmarks for selected core activities in the *Preservation Program Models* report,⁵ which were intended to serve as indicators of the level of effort that can be expected as a library’s preservation program develops. The benchmarks reflect targets and are a useful tool for measuring progress toward meeting preservation needs. The tables in this section parallel the four size groupings of ARL libraries used in the *Preservation Program Models* report:⁶ more than 5 million volumes, 3 to 5 million volumes, 2 to 3 million volumes, and less than 2 million volumes. For each group, the tables provide medians for personnel, budget, and production, which offer a composite measure for assessing the scale of local effort. The benchmarks reflect an ideal progression of preservation program development, and provide a useful tool for comparing the level of preservation services needed with the current level. The size groupings and number of libraries in each category are:

Group 1:*	Over 5 million volumes (28 libraries)
Group 2:+	3 to 5 million volumes (44 libraries)
Group 3:#	2 to 3 million volumes (36 libraries)
Group 4:^	Under 2 million volumes (3 libraries)

The tables below summarize the responses in five categories for each of the four size groupings. Please note the following when reading the tables:

*	5 libraries in this group reported no Preservation Unit
+	15 libraries in this group reported no Preservation Unit
#	12 libraries in this group reported no Preservation Unit
^	2 libraries in this group reported no Preservation Unit

⁵ Jan Merrill-Oldham, Carolyn Clark Morrow, and Mark Roosa, *Preservation Program Models: A Study Project and Report* (Washington, DC: Association of Research Libraries, 1991).

⁶ The libraries in each group are determined by data submitted to *ARL Statistics 2005-06* (Washington, DC: Association of Research Libraries, 2007).

Table 7. Staffing Patterns of Preservation Programs

	Median of Professionals	Median of Support Staff	Median of Students	Median of Total FTE
Group 1	3.20	6.41	2.00	11.90
Group 2	1.48	3.26	1.92	6.50
Group 3	1.00	3.00	1.00	5.50
Group 4	0.50	1.38	0	1.88

Table 8. Staffing Patterns of Preservation Activities Library-wide

	Median of Professionals	Median of Support Staff	Median of Students	Median of Total FTE
Group 1	6.47	11.84	3.75	25.55
Group 2	2.05	5.40	2.75	10.00
Group 3	1.42	4.00	2.00	8.17
Group 4	0.72	2.75	0.25	3.75

Table 9. Preservation Expenditures

	Median of Total Preservation Expenditures	Median of Pres. Exp. as % of Total Library Exp.	Median of Pres. Exp. as % of Materials Exp.
Group 1	1,351,209	3.02	8.46
Group 2	462,683	2.08	5.12
Group 3	356,514	2.16	5.03
Group 4	221,383	1.49	2.85

Table 10. Conservation Treatment

	Median of Level 1 Treatment	Median of Level 2 Treatment	Median of Level 3 Treatment
Group 1	5,866	1,210	230
Group 2	2,771	1,037	51
Group 3	1,731	929	40
Group 4	174	161	0

Table 11. Contract Binding

	Median of Contract Binding Expenditures	Median of Number of Volumes Bound
Group 1	320,131	33,976
Group 2	133,378	16,371
Group 3	81,587	9,338
Group 4	27,649	4,787

Conclusion

ARL Preservation Statistics provides a broad range of quantitative data and should not be used as a measure of quality of preservation programs. Preservation efforts encompass a diverse array of activities, and there are substantial differences in the nature of preservation work. *ARL Preservation Statistics* cannot completely capture the richness, sheer variety, and full extent of each library's preservation commitment. Much progress has been achieved, however, in increasing the consistency and hence comparability of the reported quantitative data.

Most of the data contained in this publication are descriptive indices of preservation activities in research libraries, including preservation staffs, expenditures, and productivity. The data are also useful in determining the organization of preservation units and the components of preservation programs. Each library's total expenditures and materials expenditures, as reported in *ARL Statistics 2005-06*, are displayed in the tables together with the percentage of preservation expenditures. To aid comparability, expenditures of Canadian libraries are expressed in U.S. dollars at the rate of 1.16289 Canadian dollars to one U.S. dollar. This exchange rate is the average monthly noon exchange rate published in the *Bank of Canada Review* for the period from July 2005 to June 2006. Expenditures reported in Canadian dollars are given in the "Footnotes to the *ARL Preservation Statistics*."

Those using *ARL Preservation Statistics* to compare activities in individual institutions will need to consult the definitions used in the instructions as well as the "Footnotes" section. Although the definitions and procedures used in the Preservation Statistics questionnaire aim to achieve consistency, variant reporting practices do exist among ARL libraries. Care should be taken in comparing this year's data to data collected in previous years, taking into account the revisions in the questionnaire described earlier in this introduction.

Again, all the data in this publication are quantitative and descriptive and are not indicative of qualitative factors. When comparing any individual library preservation program to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and preservations needs.

Association of Research Libraries
September 1, 2007

DATA TABLE
SUMMARY OF PRESERVATION
1988-89 to 1995-96⁺

Year	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96
Number of Institutions Reporting:	107	115	117	119	114	115	115	116
Number of Preservation Administrators:	66	77	77	76	77	80	81	80
Total Staff Engaged in Preservation Activities Library-Wide:	1,620.52	1,760.73	1,744.34	1,867	1,841.99	1,900.20	1,912.08	1,879.54
Total Preservation Expenditures:	\$60,714,802	\$66,045,392	\$70,705,449	\$76,550,655	\$76,793,364	\$77,674,363	\$79,164,226	\$77,069,334
Conservation Treatment (volumes)								
Level 1:	661,047*	687,897	672,567	1,038,934	669,616	683,305	666,623	610,927
Level 2:	185,294*	277,370	273,825	265,891	265,848	246,475	233,946	230,870
Level 3:	21,736*	35,323	18,629	24,459	24,241	23,729	25,814	22,453
Total:	905,669*	1,003,126	965,075	1,334,786	964,375	991,254	957,091	919,714
Microfiliming Treatment								
Titles:	75,198	68,904	77,740	93,052	104,818	106,733	133,290	89,560
Volumes:	60,502	92,093	123,233	204,934	124,455	127,650	173,646	154,805
Exposures:	18,254,133	23,687,873	28,264,637	28,892,445	32,844,044	29,900,149	28,474,292	25,772,672

Source: *ARL Preservation Statistics 2005-06* (Washington, D.C.: Association of Research Libraries, 2007)

+ The *ARL Preservation Statistics* survey was revised in 1996-97, eliminating certain categories, adding others and changing the ways in which some items conserved are counted. These data reflect the pre-revision categories and counting methods. See the Introduction for details.

* In the 1988-89 survey, conservation treatment was divided into Minor, Interim, and Major categories.

DATA TABLE
SUMMARY OF PRESERVATION
1996-97 to 2005-06⁺

Year	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
Number of Institutions:	115	118	114	110	113	116	115	109	107	111
Number of Preservation Administrators:	83	82	81	77	82	81	78	77	74	77
Total Preservation Staff (Library-Wide):	1,742.57	1,825.53	1,765.70	1,753.29	1,800.04	1,835.31	1,746.62	1,634.77	1,707.36	1,799.56
Total Pres. Expenditures:	\$80,772,236	\$83,340,852	\$82,642,548	\$85,842,245	\$92,276,777	\$96,575,155	\$97,833,909	\$97,812,776	\$99,931,352	\$107,937,836
Conservation Treatment (volumes):										
Level 1:	697,922	693,113	686,319	660,597	624,728	873,842	658,664	661,074	690,304	637,777
Level 2:	213,064	241,538	207,114	254,296	222,995	183,437	174,868	167,155	156,815	250,649
Level 3:	22,520	28,748	33,119	62,179	19,018	286,622	32,806	20,588	23,111	37,609
Total:	933,506	963,405	919,038	976,658	867,593	1,343,598	868,293	839,961	870,230	926,035
Microfilming Treatment:										
Volumes:	109,526	94,044	191,348	87,531	62,039	88,170	50,397	210,878	165,460	154,857
Single Sheets:	6,727,348	7,700,261	7,540,695	6,214,507	9,204,948	11,970,653	9,391,834	9,854,280	11,753,140	11,686,507

Source: *ARL Preservation Statistics 2005-06* (Washington, D.C.: Association of Research Libraries, 2007)

+ The *ARL Preservation Statistics* survey was revised in 1996-97, eliminating certain categories, adding others and changing the ways in which some items conserved are counted. These data reflect the post-revision categories and counting methods. See the Introduction for details.

LIBRARY DATA TABLES

ARL PRESERVATION STATISTICS 2005-06

**TABLE 1
PERSONNEL (FTE)**

(Survey Question #)	Pres. Adm?	% Time on Pres?	Preservation Unit				Library-Wide			
			Prof. Staff	Support Staff	Student Assist.	Total Staff	Prof. Staff	Support Staff	Student Assist.	Total Staff
INSTITUTION	(1)	(2)	(4a)	(4b)	(4c)	(4)	(5a)	(5b)	(5c)	(5)
ALABAMA	No	UA	UA	UA	UA	UA	1.33	2.68	4.40	8.41
ARIZONA STATE	No	UA	1.02	2.00	0.22	3.24	1.22	5.51	1.24	7.97
AUBURN	Yes	100	1.00	3.00	2.25	6.25	1.33	3.00	2.25	6.58
BOSTON	Yes	100	4.00	1.00	12.00	17.00	8.20	1.20	15.50	24.90
BOSTON COLLEGE	Yes	100	2.00	2.00	1.50	5.50	2.50	4.00	1.50	8.00
BRIGHAM YOUNG	No	UA	UA	UA	UA	UA	5.00	UA	8.00	13.00
BRITISH COLUMBIA	No	UA	0.30	UA	UA	0.30	0.45	4.63	0.31	5.39
BROWN	Yes	50	3.00	4.00	1.40	8.40	3.80	5.00	2.40	11.20
CALIFORNIA, BERKELEY	Yes	100	7.65	9.55	2.76	19.96	13.99	15.32	7.45	36.76
CALIFORNIA, DAVIS	Yes	50	0	4.00	2.50	6.50	0	5.50	3.00	8.50
CALIFORNIA, IRVINE	Yes	100	0	6.00	2.01	8.01	0	6.10	2.51	8.61
CALIFORNIA, LOS ANGELES	Yes	25	0	0	0	0	2.10	6.87	3.27	12.24
CALIFORNIA, RIVERSIDE	Yes	25	0.25	4.00	5.15	9.40	0.77	4.70	5.60	11.07
CALIFORNIA, SAN DIEGO	Yes	60	0.60	3.26	1.64	5.50	1.74	8.26	3.45	13.45
CALIFORNIA, SANTA BARBARA	No	UA	UA	UA	UA	UA	1.25	6.00	5.00	12.25
CASE WESTERN RESERVE	Yes	100	1.00	3.20	0.59	4.79	2.01	3.85	2.06	7.92
CHICAGO	Yes	100	2.50	4.70	3.20	10.40	4.30	16.60	6.80	27.70
CINCINNATI	No	23	0.33	3.75	1.00	5.08	0.33	3.75	1.00	5.08
COLORADO	Yes	100	2.00	5.40	2.00	9.40	3.00	10.00	5.00	18.00
COLORADO STATE	Yes	100	1.50	3.60	0.90	6.00	1.50	3.80	0.90	6.20
COLUMBIA	Yes	100	7.00	14.35	2.23	23.58	10.16	19.00	4.62	33.78
CONNECTICUT	Yes	100	2.00	2.00	1.92	5.92	2.14	2.50	1.92	6.56
CORNELL	Yes	100	5.68	10.58	1.27	17.53	6.85	15.71	3.68	26.24
DARTMOUTH	Yes	100	2.00	5.75	1.01	8.76	2.00	7.17	1.06	10.23
DELAWARE	Yes	100	1.00	4.00	2.44	7.44	1.25	4.75	3.69	9.69
DUKE	Yes	100	3.20	6.00	1.00	10.20	3.73	6.88	1.00	11.61
EMORY	Yes	100	3.00	2.25	0.84	6.09	3.77	4.43	1.61	9.81
FLORIDA	Yes	100	3.00	3.40	1.20	7.60	3.00	5.40	1.40	9.80
GEORGE WASHINGTON	No	UA	0	1.50	0.50	2.00	0.26	4.45	0.65	5.36
GEORGETOWN	Yes	50	0.50	UA	UA	0.50	0.50	4.50	0.38	5.38
GEORGIA	Yes	50	0.50	2.50	0.85	3.85	9.10	19.06	10.88	39.04
GEORGIA TECH	No	0	3.00	3.00	5.00	11.00	3.50	4.00	5.00	12.50
GUELPH	No	0	UA	UA	UA	UA	0.01	0.25	0.50	0.76
HARVARD	Yes	100	29.95	42.82	2.41	75.18	44.73	61.29	6.90	112.92
HAWAII	Yes	100	4.00	1.00	5.00	10.00	4.00	1.00	5.00	10.00
HOWARD	No	0	UA	UA	UA	UA	3.00	1.00	0.75	4.75
ILLINOIS, URBANA	Yes	100	5.25	4.51	7.06	16.82	6.69	9.35	7.69	23.73
INDIANA	Yes	100	3.00	4.00	3.00	10.00	3.00	4.00	3.00	10.00
IOWA	Yes	100	2.00	9.50	5.78	17.28	2.05	10.60	6.68	19.33
IOWA STATE	Yes	100	2.17	8.00	2.00	12.17	2.17	8.00	2.00	12.17
JOHNS HOPKINS	Yes	100	3.00	4.50	2.00	9.50	3.15	5.30	2.30	10.75
KANSAS	Yes	100	3.50	2.20	7.25	12.95	4.03	4.01	9.00	17.04
KENTUCKY	Yes	100	2.00	3.00	4.00	9.00	3.01	9.08	7.15	19.24
LAVAL	Yes	25	1.58	4.00	UA	5.58	UA	UA	UA	UA
LOUISIANA STATE	No	UA	UA	UA	UA	UA	1.38	3.13	3.40	7.91
LOUISVILLE	No	UA	UA	UA	UA	UA	0.25	2.55	3.25	6.05

+ - See Footnotes

UA/NA - Unavailable or Not Applicable

ARL PRESERVATION STATISTICS 2005-06

**TABLE 1
PERSONNEL (FTE)**

(Survey Question #)	Pres. Adm?	% Time on Pres?	Preservation Unit				Library-Wide			
			Prof. Staff	Support Staff	Student Assist.	Total Staff	Prof. Staff	Support Staff	Student Assist.	Total Staff
INSTITUTION	(1)	(2)	(4a)	(4b)	(4c)	(4)	(5a)	(5b)	(5c)	(5)
MCGILL	Yes	70	1.00	UA	UA	1.00	1.50	6.00	2.50	10.00
MCMASTER	Yes	100	2.00	0	0.30	2.30	2.00	2.40	0.30	4.70
MARYLAND	Yes	100	4.00	7.10	1.28	12.38	7.00	14.10	5.28	26.38
MASSACHUSETTS	No	UA	UA	UA	UA	UA	1.46	3.13	1.40	5.99
MIT	Yes	100	2.00	3.00	0.80	5.80	4.60	4.50	3.10	12.20
MIAMI	No	UA	UA	UA	UA	UA	0.45	10.67	2.11	13.23
MICHIGAN	Yes	100	3.50	6.23	0.75	10.48	7.90	15.34	3.20	26.44
MICHIGAN STATE	Yes	75	1.75	6.00	3.75	11.50	3.00	8.25	8.25	19.50
MINNESOTA	No	2	0.02	1.35	1.20	2.57	0.14	9.46	3.35	12.95
MONTREAL	No	UA	UA	UA	UA	UA	2.39	7.53	0	9.92
NEBRASKA	Yes	33	1.00	4.00	3.00	8.00	1.40	5.50	3.00	9.90
NEW MEXICO	No	UA	0.20	0.50	0	0.70	1.93	2.01	4.30	8.24
NEW YORK	Yes	100	4.50	5.00	3.20	12.70	9.85	6.49	8.35	24.69
NORTH CAROLINA	Yes	100	2.00	7.00	1.00	10.00	9.00	15.00	8.50	32.50
NORTH CAROLINA STATE	Yes	100	2.00	5.00	2.00	9.00	2.78	6.53	4.94	14.25
NORTHWESTERN	Yes	100	2.75	5.25	3.10	11.10	4.11	11.31	6.67	22.09
NOTRE DAME	Yes	100	2.00	6.80	1.80	10.60	2.10	8.00	1.90	12.00
OHIO	Yes	90	2.00	2.00	1.50	5.50	2.85	3.60	2.00	8.45
OHIO STATE	Yes	25	2.60	6.60	2.70	11.90	3.90	14.80	7.20	25.90
OKLAHOMA	No	0	0	0	0	0	0.60	2.05	1.28	3.93
OKLAHOMA STATE	No	UA	UA	UA	UA	UA	0.46	3.31	3.38	7.15
OREGON	Yes	75	0.75	2.00	1.00	3.75	2.35	4.33	5.50	12.18
PENNSYLVANIA	No	0	0	0	0	0	0.60	5.50	2.50	8.60
PENNSYLVANIA STATE	Yes	100	1.34	11.83	7.41	20.58	1.34	13.93	9.94	25.21
PITTSBURGH	Yes	100	1.00	3.00	2.00	6.00	1.00	5.00	2.00	8.00
PRINCETON	Yes	100	5.00	5.00	UA	10.00	6.25	9.25	3.75	19.25
PURDUE	No	0	0	0	0	0	1.20	7.75	0.43	9.38
RICE	Yes	100	1.00	4.00	0.25	5.25	1.25	4.25	0.25	5.75
ROCHESTER	Yes	50	2.00	2.50	2.00	6.50	2.50	4.00	3.00	9.50
RUTGERS	No	UA	0	0	0	0	1.12	3.25	1.50	5.87
SASKATCHEWAN	No	UA	0	0	0	0	0.72	4.60	0	5.32
SOUTH CAROLINA	Yes	100	1.00	1.00	2.00	4.00	1.13	3.13	3.00	7.26
SOUTHERN CALIFORNIA	No	UA	0	0	0	0	1.00	1.00	3.00	5.00
SOUTHERN ILLINOIS	No	UA	0	0	0	0	0.15	4.50	4.20	8.85
SUNY-ALBANY	Yes	100	2.00	1.00	0.97	3.97	2.25	4.00	1.30	7.55
SUNY-BUFFALO	Yes	100	3.75	1.00	1.25	6.00	6.75	3.25	3.25	13.25
SUNY-STONY BROOK	Yes	90	0.90	1.00	0.20	2.10	1.00	1.33	0.55	2.88
SYRACUSE	No	20	1.20	3.00	0.10	4.30	3.60	3.65	0.55	7.80
TENNESSEE	Yes	100	1.00	4.00	2.00	7.00	3.25	7.30	2.45	13.00
TEXAS	Yes	100	7.50	11.00	2.00	20.50	8.85	16.63	3.53	29.01
TEXAS A&M	Yes	50	1.00	1.50	1.30	3.80	1.00	6.50	4.30	11.80
TEXAS TECH	Yes	100	1.00	1.00	1.00	3.00	2.00	5.00	4.00	11.00
TORONTO	No	UA	3.00	10.00	UA	13.00	4.00	10.00	UA	14.00
TULANE	No	UA	UA	UA	UA	UA	0.25	2.25	0.25	2.75
UTAH	Yes	100	1.00	6.00	3.50	10.50	1.00	6.00	3.50	10.50
VANDERBILT	Yes	100	1.00	5.50	0	6.50	1.91	17.32	0.40	19.63

+ - See Footnotes

UA/NA - Unavailable or Not Applicable

ARL PRESERVATION STATISTICS 2005-06

**TABLE 1
PERSONNEL (FTE)**

(Survey Question #)	Pres. Adm?	% Time on Pres?	Preservation Unit				Library-Wide			
			Prof. Staff	Support Staff	Student Assist.	Total Staff	Prof. Staff	Support Staff	Student Assist.	Total Staff
	(1)	(2)	(4a)	(4b)	(4c)	(4)	(5a)	(5b)	(5c)	(5)
INSTITUTION										
VIRGINIA	Yes	100	1.00	1.50	0.60	3.10	3.10	8.10	5.50	16.70
VIRGINIA TECH	Yes	100	1.00	2.00	1.00	4.00	1.00	6.00	2.00	9.00
WASHINGTON	Yes	100	2.00	0	0.43	2.43	2.88	9.96	3.51	16.35
WASHINGTON STATE	No	UA	UA	UA	UA	UA	UA	UA	UA	UA
WASHINGTON U.-ST. LOUIS	Yes	100	2.00	6.00	2.00	10.00	2.05	6.30	2.00	10.35
WATERLOO	No	UA	UA	UA	UA	UA	0	2.83	0.11	2.94
WAYNE STATE	No	UA	UA	UA	UA	UA	1.05	1.90	0.90	3.85
WESTERN ONTARIO	No	UA	UA	UA	UA	UA	0.55	0.30	0.50	1.35
WISCONSIN	Yes	100	1.00	3.58	2.47	7.05	7.74	12.67	9.71	30.12
YALE	Yes	100	7.29	15.12	0.74	23.15	11.28	22.08	3.30	36.66
YORK	No	0	UA	UA	UA	UA	0.37	2.67	0.15	3.19
BOSTON PUBLIC LIBRARY OF CONGRESS	No	UA	UA	UA	UA	UA	1.00	1.00	UA	2.00
NATL AGRICULTURAL LIB	Yes	100	1.00	0	0	1.00	6.34	1.20	0.57	8.11
LIB & ARCHIVES CANADA	Yes	100	135.00	11.00	1.00	147.00	135.00	11.00	1.00	147.00
NATL LIB OF MEDICINE	Yes	50	6.50	5.50	2.00	14.00	13.18	7.75	3.00	23.93
NEW YORK PUBLIC	Yes	100	7.33	25.33	UA	32.66	13.23	39.33	UA	52.56
NEW YORK STATE	Yes	40	0.50	6.80	0.77	8.07	0.50	6.80	0.77	8.07
SMITHSONIAN	Yes	100	1.00	2.75	UA	3.75	1.00	2.75	UA	3.75

SUMMARY DATA

(Survey Question #)	Preservation Unit				Library-Wide			
	Prof. Staff	Support Staff	Student Assist.	Total Staff	Prof. Staff	Support Staff	Student Assist.	Total Staff
	(4a)	(4b)	(4c)	(4)	(5a)	(5b)	(5c)	(5)
University Medians	1.88	3.58	1.45	6.50	2.05	5.35	3.00	10.23
University Totals	197.53	366.68	156.48	720.69	334.46	720.69	346.99	1,402.14
Number of Libraries	86	83	80	86	101	100	100	101
Nonuniversity Medians	6.50	6.80	1.00	14.00	9.76	7.28	1.00	16.02
Nonuniversity Totals	212.33	83.38	12.77	308.48	258.25	124.83	14.34	397.42
Number of Libraries	7.00	7.00	5.00	7.00	8.00	8.00	5.00	8.00
GRAND MEDIAN	2.00	3.67	1.40	7.00	2.10	5.45	3.00	10.23
GRAND TOTAL	409.86	450.06	169.25	1,029.17	592.71	845.52	361.33	1,799.56
NUMBER OF LIBRARIES	93.00	90.00	85.00	93.00	109.00	108.00	105.00	109.00

+ - See Footnotes

UA/NA - Unavailable or Not Applicable

ARL PRESERVATION STATISTICS 2005-06

**TABLE 2
EXPENDITURES**

(Survey Question #) INSTITUTION	Total Salaries (7)	Contract Expenditures					Total (8)	Supplies (9)
		Conservation (8a)	Binding (8b)	Photocopy (8c)	Microfilm (8d)	Other (8e)		
ALABAMA	223,562	0	79,345	0	0	0	79,345	5,259
ARIZONA STATE	239,505	7,863	154,575	0	0	10,729	173,167	27,605
AUBURN	170,767	0	63,026	0	0	0	63,026	15,145
BOSTON	425,624	0	103,468	0	0	0	103,468	24,058
BOSTON COLLEGE	233,856	0	131,215	3,205	0	0	134,420	8,884
BRIGHAM YOUNG	415,482	UA	211,832	UA	UA	UA	211,832	57,500
BRITISH COLUMBIA	162,040	0	157,382	0	20,287	0	177,669	8,943
BROWN	422,397	10,486	201,293	UA	0	15,760	227,539	27,514
CALIFORNIA, BERKELEY	1,362,039	20,366	743,663	7,334	74,316	21,497	867,176	22,565
CALIFORNIA, DAVIS	166,068	0	136,676	0	6,898	18,074	161,648	27,615
CALIFORNIA, IRVINE	243,713	0	69,258	0	8,778	0	78,036	22,253
CALIFORNIA, LOS ANGELES	483,226	18,800	413,322	0	42,930	59,786	534,838	43,666
CALIFORNIA, RIVERSIDE	133,611	246,159	UA	40	UA	UA	246,199	19,445
CALIFORNIA, SAN DIEGO	494,307	0	275,478	0	2,094	25,033	302,605	30,636
CALIFORNIA, SANTA BARBARA	358,660	0	137,840	0	0	75,000	212,840	35,540
CASE WESTERN RESERVE	251,799	0	100,462	0	5,035	8,191	113,688	5,457
CHICAGO	949,777	126,458	351,091	0	0	106,913	584,462	43,940
CINCINNATI	144,555	0	136,079	0	0	0	136,079	23,189
COLORADO	457,164	8,616	64,451	2,303	0	0	75,370	11,644
COLORADO STATE	234,386	13,475	79,097	4,175	0	6,470	103,217	22,007
COLUMBIA	1,140,499	186,925	406,860	109,699	139,500	24,821	867,805	52,686
CONNECTICUT	286,743	2,679	191,674	3,901	0	0	198,254	20,759
CORNELL	832,992	0	173,302	22,526	0	68,308	264,136	66,172
DARTMOUTH	422,940	0	114,383	16,738	0	276	131,397	22,362
DELAWARE	268,420	27,916	85,205	20,995	3,388	12,651	150,155	43,121
DUKE	380,970	13,065	153,551	0	0	3,757	170,373	53,536
EMORY	387,607	0	119,707	10,480	0	0	130,187	8,804
FLORIDA	205,910	8,713	125,626	0	0	88,013	222,352	18,592
GEORGE WASHINGTON	138,575	740	129,753	0	0	0	130,493	4,504
GEORGETOWN	203,435	31,768	107,276	17,436	UA	18,459	174,939	7,402
GEORGIA	756,312	128,720	262,446	0	210	16,430	407,806	84,621
GEORGIA TECH	489,000	0	40,762	0	0	0	40,762	4,674
GUELPH	10,405	0	27,649	0	0	0	27,649	11,870
HARVARD	5,216,338	236,001	875,162	42,562	206,591	275,403	1,635,719	278,676
HAWAII	270,579	1,939	186,342	75	3,676	0	192,032	16,931
HOWARD	53,368	0	34,192	0	0	0	34,192	64
ILLINOIS, URBANA	704,129	27,260	267,856	40,650	78,289	193,623	607,678	56,607
INDIANA	252,428	UA	292,866	UA	UA	UA	292,866	39,366
IOWA	580,233	0	172,552	0	18,991	24,162	215,705	61,532
IOWA STATE	408,342	1,389	154,125	11,959	98,063	16,090	281,626	34,811
JOHNS HOPKINS	298,005	0	100,408	0	0	0	100,408	28,477
KANSAS	376,095	0	119,987	133	0	0	120,120	32,788

+ - See Footnotes

UA/NA - Unavailable

ARL PRESERVATION STATISTICS 2005-06

TABLE 2
EXPENDITURES

Equipment	Total Preservation Expend.	Expend. from External Sources	Total Library Expend.*	Pres. % of Total Library Expend.	Total Library Materials*	Pres. % of Total Library Materials	(Survey Question #)
(10)	(11)	(12)	-a-	-b-	-c-	-d-	INSTITUTION
13,000	321,166	0	14,868,525	2.16	6,870,657	4.67	ALABAMA
0	440,277	0	25,677,775	1.71	11,474,442	3.84	ARIZONA STATE
0	248,938	0	12,571,525	1.98	5,543,726	4.49	AUBURN
0	553,150	0	19,484,243	2.84	8,707,614	6.35	BOSTON
0	377,160	0	17,481,965	2.16	8,009,522	4.71	BOSTON COLLEGE
UA	684,814	UA	23,942,505	2.86	9,271,776	7.39	BRIGHAM YOUNG
0	348,653	172	30,420,698	1.15	13,523,834	2.58	BRITISH COLUMBIA
0	677,450	2,000	18,945,391	3.58	8,285,394	8.18	BROWN
29,888	2,281,668	259,183	56,186,972	4.06	17,453,180	13.07	CALIFORNIA, BERKELEY
1,910	357,241	0	20,609,936	1.73	8,659,069	4.13	CALIFORNIA, DAVIS
2,640	346,642	0	17,845,419	1.94	7,814,726	4.44	CALIFORNIA, IRVINE
13,241	1,074,971	40,614	50,919,689	2.11	15,158,149	7.09	CALIFORNIA, LOS ANGELES
UA	399,254	UA	14,888,349	2.68	6,109,872	6.53	CALIFORNIA, RIVERSIDE
173	827,721	47,383	26,298,111	3.15	7,922,917	10.45	CALIFORNIA, SAN DIEGO
410	607,450	0	18,580,864	3.27	5,236,330	11.60	CALIFORNIA, SANTA BARBARA
5,999	376,943	0	14,861,753	2.54	6,304,139	5.98	CASE WESTERN RESERVE
62,020	1,640,199	135,373	31,671,892	5.18	16,462,379	9.96	CHICAGO
0	303,823	0	22,960,596	1.32	10,209,066	2.98	CINCINNATI
2,175	546,353	1,500	19,014,310	2.87	9,315,863	5.86	COLORADO
5,469	365,079	0	13,412,963	2.72	6,265,271	5.83	COLORADO STATE
27,962	2,088,952	518,245	56,938,255	3.67	21,017,791	9.94	COLUMBIA
1,140	506,896	0	23,960,782	2.12	7,854,879	6.45	CONNECTICUT
0	1,163,300	212,589	42,156,480	2.76	14,381,579	8.09	CORNELL
8,521	585,220	55,224	17,497,174	3.34	7,748,473	7.55	DARTMOUTH
1,420	463,116	0	16,937,444	2.73	8,005,686	5.78	DELAWARE
5,785	610,664	283	33,531,731	1.82	13,961,002	4.37	DUKE
3,143	529,741	0	30,765,589	1.72	14,083,609	3.76	EMORY
1,444	448,298	0	27,435,482	1.63	10,821,088	4.14	FLORIDA
0	273,572	0	21,727,764	1.26	9,457,211	2.89	GEORGE WASHINGTON
41,429	427,205	UA	23,754,207	1.80	10,783,633	3.96	GEORGETOWN
133,846	1,382,585	365,101	23,014,039	6.01	11,217,811	12.32	GEORGIA
0	534,436	0	11,373,366	4.70	5,306,847	10.07	GEORGIA TECH
0	49,925	0	11,413,624	0.44	5,039,056	0.99	GUELPH
148,240	7,278,973	515,941	105,809,085	6.88	28,138,927	25.87	HARVARD
2,886	482,428	UA	17,306,904	2.79	7,611,078	6.34	HAWAII
0	87,624	32,033	9,854,124	0.89	3,411,656	2.57	HOWARD
85,021	1,453,435	264,544	36,102,613	4.03	12,043,672	12.07	ILLINOIS, URBANA
UA	584,660	34,366	32,143,391	1.82	13,907,828	4.20	INDIANA
9,709	867,179	14,173	25,655,780	3.38	12,546,477	6.91	IOWA
7,357	732,136	0	16,973,524	4.31	8,891,487	8.23	IOWA STATE
8,665	435,555	0	28,123,663	1.55	13,638,688	3.19	JOHNS HOPKINS
0	529,003	0	20,832,470	2.54	8,053,844	6.57	KANSAS

UA - Unavailable

* - As published in the ARL Statistics 2005-06

ARL PRESERVATION STATISTICS 2005-06

**TABLE 2
EXPENDITURES**

(Survey Question #) INSTITUTION	Total Salaries (7)	Contract Expenditures					Total (8)	Supplies (9)
		Conservation (8a)	Binding (8b)	Photocopy (8c)	Microfilm (8d)	Other (8e)		
KENTUCKY	430,669	5,692	162,368	0	0	18,257	186,317	74,990
LAVAL	191,021	UA	UA	UA	23,812	1,821	25,634	42,660
LOUISIANA STATE	108,867	0	28,000	0	3,707	0	31,707	52,839
LOUISVILLE	94,241	240	100,397	UA	UA	UA	100,637	5,891
MCGILL	246,799	11,881	197,767	UA	UA	UA	209,648	10,470
MCMASTER	107,442	0	112,533	0	599	0	113,131	8,994
MARYLAND	817,119	64,585	130,636	32,825	5,500	39,115	272,661	28,500
MASSACHUSETTS	240,388	0	88,436	0	1,056	35	89,527	12,538
MIT	457,320	2,075	193,281	179	0	37,214	232,749	15,917
MIAMI	290,354	0	138,811	0	0	0	138,811	17,235
MICHIGAN	1,106,251	3,234	347,574	0	2,412	193,143	546,363	31,838
MICHIGAN STATE	611,948	14,910	204,108	0	0	64,918	283,936	15,401
MINNESOTA	395,503	55,888	337,851	27,070	0	0	420,809	12,460
MONTREAL	296,288	13,834	182,415	0	17,829	0	214,079	5,644
NEBRASKA	247,000	40,000	162,296	0	57,722	0	260,018	512
NEW MEXICO	199,630	0	94,588	0	0	9,600	104,188	10,729
NEW YORK	978,057	30,450	198,665	9,000	48,900	39,630	326,645	30,589
NORTH CAROLINA	1,042,588	18,676	207,588	0	0	0	226,264	74,351
NORTH CAROLINA STATE	370,921	19,628	194,319	9,363	0	2,400	225,710	13,227
NORTHWESTERN	740,662	21,287	210,243	9,933	12,926	54,693	309,082	48,350
NOTRE DAME	390,746	5,959	96,135	5,729	4,317	0	112,140	37,677
OHIO	272,073	1,228	47,063	UA	UA	UA	48,291	14,992
OHIO STATE	795,009	0	349,716	48,387	66,229	36,564	500,896	89,035
OKLAHOMA	68,452	50,632	126,230	2,319	0	0	179,181	3,878
OKLAHOMA STATE	124,704	1,532	40,144	0	0	0	41,676	18,459
OREGON	292,511	23,832	77,465	0	0	7,188	108,485	35,546
PENNSYLVANIA	253,655	19,150	254,238	0	1,723	0	275,111	30,148
PENNSYLVANIA STATE	641,622	33,117	320,131	0	176,762	214,968	744,978	43,084
PITTSBURGH	159,574	0	172,173	0	6,800	50,000	228,973	34,402
PRINCETON	816,670	UA	505,286	17,130	UA	28,601	551,017	78,635
PURDUE	270,543	12,689	111,164	0	0	0	123,853	12,079
RICE	167,498	0	61,582	0	0	0	61,582	29,949
ROCHESTER	284,553	19,000	87,990	4,000	2,000	45,222	158,212	15,685
RUTGERS	200,589	0	140,994	0	0	1,932	142,926	20,272
SASKATCHEWAN	148,927	0	72,292	0	0	0	72,292	163
SOUTH CAROLINA	155,154	0	100,052	0	0	0	100,052	12,118
SOUTHERN CALIFORNIA	109,730	0	132,861	0	0	0	132,861	18,607
SOUTHERN ILLINOIS	200,060	0	133,894	998	0	17,089	151,981	12,301
SUNY-ALBANY	237,080	2,475	58,644	0	4,369	11,719	77,207	9,568
SUNY-BUFFALO	476,899	0	95,347	0	0	3,654	99,001	26,590
SUNY-STONY BROOK	130,280	8,110	83,829	14,124	1,260	16,114	123,437	13,569
SYRACUSE	231,007	2,750	60,615	0	0	0	63,365	24,567

UA/NA - Unavailable

ARL PRESERVATION STATISTICS 2005-06

**TABLE 2
EXPENDITURES**

Equipment	Total Preservation Expend.	Expend. from External Sources	Total Library Expend.*	Pres. % of Total Library Expend.	Total Library Materials*	Pres. % of Total Library Materials	(Survey Question #)
(10)	(11)	(12)	-a-	-b-	-c-	-d-	INSTITUTION
91,095	783,071	118,508	19,569,146	4.00	9,463,513	8.27	KENTUCKY
4,853	264,168	UA	17,695,209	1.49	8,801,485	3.00	LAVAL
0	193,413	707	12,864,995	1.50	6,675,849	2.90	LOUISIANA STATE
37,500	238,269	0	18,493,616	1.29	9,156,974	2.60	LOUISVILLE
UA	466,916	14,619	25,882,656	1.80	11,549,953	4.04	MCGILL
390	229,956	0	13,626,100	1.69	6,829,286	3.37	MCMASTER
4,684	1,122,964	0	23,589,122	4.76	8,698,140	12.91	MARYLAND
1,450	343,903	0	14,680,447	2.34	5,579,248	6.16	MASSACHUSETTS
11,850	717,836	0	21,365,671	3.36	7,954,606	9.02	MIT
4,246	450,646	16,684	23,328,442	1.93	12,025,519	3.75	MIAMI
5,622	1,690,074	125,602	49,053,402	3.45	20,669,495	8.18	MICHIGAN
26,837	938,122	600	24,109,074	3.89	9,949,499	9.43	MICHIGAN STATE
0	828,772	0	38,321,667	2.16	14,157,172	5.85	MINNESOTA
0	516,010	1,247	28,288,912	1.82	10,361,290	4.98	MONTREAL
63,770	571,300	97,722	16,138,697	3.54	7,008,885	8.15	NEBRASKA
175	314,722	23,420	19,398,044	1.62	5,305,708	5.93	NEW MEXICO
17,909	1,353,200	153,645	41,003,612	3.30	16,139,134	8.38	NEW YORK
6,015	1,349,218	330,125	34,488,601	3.91	14,039,479	9.61	NORTH CAROLINA
0	609,858	36,369	26,714,162	2.28	9,002,518	6.77	NORTH CAROLINA STATE
68,790	1,166,884	22,416	26,335,228	4.43	12,165,603	9.59	NORTHWESTERN
4,340	544,903	57,012	21,694,210	2.51	9,540,297	5.71	NOTRE DAME
4,719	340,075	4,377	13,632,399	2.49	5,327,277	6.38	OHIO
950	1,385,890	61,207	32,966,111	4.20	12,205,939	11.35	OHIO STATE
0	251,511	0	19,856,352	1.27	12,118,386	2.08	OKLAHOMA
168	185,007	6,854	13,912,768	1.33	6,783,316	2.73	OKLAHOMA STATE
3,500	440,042	0	13,739,169	3.20	5,135,978	8.57	OREGON
0	558,914	0	33,897,604	1.65	13,749,248	4.07	PENNSYLVANIA
25,851	1,455,535	300,864	48,580,052	3.00	18,088,877	8.05	PENNSYLVANIA STATE
0	422,949	0	28,927,212	1.46	13,637,310	3.10	PITTSBURGH
5,603	1,451,925	44,400	39,143,966	3.71	16,754,840	8.67	PRINCETON
0	406,475	11,000	24,023,842	1.69	10,974,071	3.70	PURDUE
0	259,029	0	15,909,567	1.63	9,764,416	2.65	RICE
0	458,450	190,000	17,412,084	2.63	6,715,587	6.83	ROCHESTER
1,500	365,287	10,550	31,253,603	1.17	10,610,826	3.44	RUTGERS
0	221,383	0	14,829,710	1.49	7,763,830	2.85	SASKATCHEWAN
0	267,324	0	20,422,352	1.31	7,066,564	3.78	SOUTH CAROLINA
0	261,198	0	31,893,689	0.82	12,962,417	2.02	SOUTHERN CALIFORNIA
440	364,782	0	14,619,649	2.50	7,117,514	5.13	SOUTHERN ILLINOIS
2,181	326,036	131,800	12,041,893	2.71	5,231,629	6.23	SUNY-ALBANY
0	602,490	126,700	19,453,788	3.10	7,765,537	7.76	SUNY-BUFFALO
8,930	276,216	0	14,114,795	1.96	6,590,728	4.19	SUNY-STONY BROOK
3,384	322,323	77,565	15,836,698	2.04	6,300,160	5.12	SYRACUSE

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* - As published in the *ARL Statistics 2005-06*

ARL PRESERVATION STATISTICS 2005-06

**TABLE 2
EXPENDITURES**

(Survey Question #) INSTITUTION	Total Salaries (7)	Contract Expenditures					Total (8)	Supplies (9)
		Conservation (8a)	Binding (8b)	Photocopy (8c)	Microfilm (8d)	Other (8e)		
TENNESSEE	377,361	0	127,888	14,697	0	0	142,585	16,119
TEXAS	926,296	6,795	117,627	0	9,056	0	133,478	130,812
TEXAS A&M	247,523	0	134,627	0	0	0	134,627	11,078
TEXAS TECH	266,430	0	70,813	0	0	0	70,813	39,489
TORONTO	728,796	UA	398,653	1,564	UA	1,754	401,972	108,225
TULANE	10,288	4,450	25,877	0	0	0	30,327	UA
UTAH	260,125	0	118,606	0	12,100	0	130,706	41,961
VANDERBILT	569,135	9,522	117,097	0	0	1,733	128,352	13,699
VIRGINIA	526,409	0	58,450	15,034	0	60,000	133,484	37,250
VIRGINIA TECH	299,912	0	43,183	0	0	0	43,183	19,152
WASHINGTON	575,737	5,661	242,913	40,020	89,311	65,879	443,784	50,815
WASHINGTON STATE	UA	UA	73,020	UA	UA	UA	73,020	UA
WASHINGTON U.-ST. LOUIS	233,962	7,525	110,813	405	2,751	0	121,494	20,296
WATERLOO	88,332	0	62,982	0	0	0	62,982	5,590
WAYNE STATE	134,967	1,256	69,554	0	0	0	70,810	600
WESTERN ONTARIO	39,578	15,702	108,715	0	238	0	124,656	2,580
WISCONSIN	842,127	6,066	222,763	0	36,325	12,917	278,071	100,913
YALE	1,569,566	795,839	413,435	81,098	149,598	349,920	1,789,890	209,121
YORK	UA	2,692	140,661	0	0	0	143,353	13,134
BOSTON PUBLIC	117,552	10,978	UA	5,207	UA	12,220	28,405	9,725
LIBRARY OF CONGRESS	7,388,025	249,099	1,502,682	1,286	2,316,000	5,154,000	9,223,067	531,934
NATL AGRICULTURAL LIB	576,575	5,809	0	0	28,500	12,207	46,516	2,152
LIB & ARCHIVES CANADA	UA	309,014	3,058	0	0	433,916	745,988	267,869
NATL LIB OF MEDICINE	1,214,328	153,938	154,104	700	399,817	2,171,854	2,880,413	56,982
NEW YORK PUBLIC	1,517,399	215,900	539,636	UA	UA	UA	755,536	182,550
NEW YORK STATE	277,589	0	24,568	0	6,795	0	31,363	37,494
SMITHSONIAN	183,067	11,775	26,869	0	60	4,939	43,643	6,727

SUMMARY DATA

	Total Salaries (7)	Contract Expenditures					Total (8)	Supplies (9)
		Conservation (8a)	Binding (8b)	Photocopy (8c)	Microfilm (8d)	Other (8e)		
University Medians	284,553	2,075	130,636	0	0	1,005	142,926	22,253
University Totals	44,352,810	2,457,701	16,828,636	648,086	1,446,348	2,475,527	23,856,298	3,346,513
Number of Libraries	101	97	101	95	93	96	103	101
Nonuniversity Medians	576,575	82,857	26,869	0	17,648	12,220	396,252	47,238
Nonuniversity Totals	11,274,535	956,513	2,250,917	7,193	2,751,172	7,789,136	13,754,931	1,095,433
Number of Libraries	7	8	7	7	6	7	8	8
GRAND MEDIAN	285,648	2,692	130,195	0	0	1,821	142,926	22,362
GRAND TOTAL	55,627,345	3,414,214	19,079,553	655,279	4,197,520	10,264,663	37,611,229	4,441,945
NUMBER OF LIBRARIES	108	105	108	102	99	103	111	109

+ - See Footnotes

UA/NA - Unavailable

ARL PRESERVATION STATISTICS 2005-06

**TABLE 2
EXPENDITURES**

Equipment	Total Preservation Expend.	Expend. from External Sources	Total Library Expend.*	Pres. % of Total Library Expend.	Total Library Materials*	Pres. % of Total Library Materials	(Survey Question #) INSTITUTION
(10)	(11)	(12)	-a-	-b-	-c-	-d-	
5,000	541,065	56,559	28,750,001	1.88	14,443,674	3.75	TENNESSEE
2,000	1,192,586	26,811	41,585,820	2.87	16,035,009	7.44	TEXAS
6,399	399,627	0	29,511,695	1.35	14,099,481	2.83	TEXAS A&M
4,955	381,687	0	21,324,759	1.79	9,503,529	4.02	TEXAS TECH
0	1,238,993	16,597	57,610,752	2.15	21,450,043	5.78	TORONTO
UA	40,615	0	14,261,505	0.28	7,675,475	0.53	TULANE
4,891	437,683	0	23,288,732	1.88	7,489,866	5.84	UTAH
2,237	713,423	131,207	23,007,106	3.10	10,577,813	6.74	VANDERBILT
0	697,143	0	34,775,087	2.00	10,039,183	6.94	VIRGINIA
31,887	394,134	0	14,082,936	2.80	7,371,492	5.35	VIRGINIA TECH
0	1,070,336	79,593	38,841,830	2.76	12,542,511	8.53	WASHINGTON
UA	73,020	UA	13,544,201	0.54	5,628,649	1.30	WASHINGTON STATE
42,301	418,053	7,518	31,466,476	1.33	10,646,463	3.93	WASHINGTON U.-ST. LOUIS
0	156,903	0	14,838,150	1.06	6,180,735	2.54	WATERLOO
0	206,377	0	21,065,002	0.98	7,811,606	2.64	WAYNE STATE
0	166,814	0	17,007,710	0.98	9,174,734	1.82	WESTERN ONTARIO
11,814	1,232,925	91,886	40,800,267	3.02	11,582,710	10.64	WISCONSIN
39,253	3,607,830	123,514	74,938,119	4.81	33,913,555	10.64	YALE
UA	156,487	UA	19,099,174	0.82	8,384,544	1.87	YORK
UA	155,682	0	38,319,168	0.41	6,352,208	2.45	BOSTON PUBLIC
8,442,869	25,585,895	407,736	616,982,999	4.15	13,081,132	195.59	LIBRARY OF CONGRESS
201,287	826,530	331,279	29,668,326	2.79	5,162,302	16.01	NATL AGRICULTURAL LIB
352,388	1,366,637	0	UA/NA	UA/NA	1,616,841	84.53	LIB & ARCHIVES CANADA
37,652	4,189,375	409,185	62,288,000	6.73	8,629,812	48.55	NATL LIB OF MEDICINE
39,228	2,494,713	UA	52,031,215	4.79	13,705,178	18.20	NEW YORK PUBLIC
1,502	347,948	126,000	12,474,366	2.79	3,664,047	9.50	NEW YORK STATE
1,018	234,455	0	11,027,348	2.13	2,063,349	11.36	SMITHSONIAN

SUMMARY DATA

Equipment	Total Preservation Expend.	Expend. from External Sources	Total Library Expend.*	Total Library Materials*	(Survey Question #)
(10)	(11)	(12)	-a-	-c-	
2,178	463,116	442	21,727,764	9,315,863	University Medians
1,180,982	72,736,601	4,996,401	2,650,980,100	1,075,913,134	University Totals
96	103	96	103	103	Number of Libraries
39,228	1,096,584	126,000	38,319,168	5,757,255	Nonuniversity Medians
9,075,944	35,201,235	1,274,200	822,791,422	54,274,869	Nonuniversity Totals
7	8	7	7	8	Number of Libraries
2,237	466,916	600	22,916,043	9,174,734	GRAND MEDIAN
10,256,926	107,937,836	6,270,601	3,473,771,522	1,130,451,370	GRAND TOTAL
103	111	103	110	111	NUMBER OF LIBRARIES

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* - As published in the *ARL Statistics 2005-06*

ARL PRESERVATION STATISTICS 2005-06

TABLE 3

CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

(Survey Question #) INSTITUTION	Volumes Treated				Unbound Sheets Treated	Mass-Deacidification		Non-paper Items Treated	Protect. Enclosures
	Level 1	Level 2	Level 3	Total		Bound Volumes, Pamphlets	Linear Ft of Unbound Materials		
	(13a)	(13b)	(13c)	(13)	(14)	(15)	(16)	(17)	(18)
ALABAMA	13,606	547	0	14,153	600	0	0	100	177
ARIZONA STATE	5,684	2,703	205	8,592	326	509	0	2,582	1,177
AUBURN	4,642	1,404	117	6,163	5,000	0	0	0	239
BOSTON	5,875	2,525	49	8,449	300	0	0	0	213
BOSTON COLLEGE	1,031	1,539	31	2,601	74	0	0	31	550
BRIGHAM YOUNG	2,046	13,408	1,553	17,007	18	0	0	4	563
BRITISH COLUMBIA	10,954	354	0	11,308	0	0	0	0	500
BROWN	2,832	1,699	135	4,666	12	1,214	0	0	2,736
CALIFORNIA, BERKELEY	761	1,473	157	2,391	571	UA	UA	205	2,143
CALIFORNIA, DAVIS	2,812	1,135	73	4,020	23	0	0	0	15,552
CALIFORNIA, IRVINE	9,895	307	0	10,202	0	0	0	0	503
CALIFORNIA, LOS ANGELES	4,186	774	225	5,185	2,253	0	0	560	879
CALIFORNIA, RIVERSIDE	9,331	1,651	UA	10,982	UA	UA	UA	UA	10
CALIFORNIA, SAN DIEGO	2,260	882	4	3,146	0	0	0	1,082	16
CALIFORNIA, SANTA BARBARA	7,997	230	0	8,227	4,330	0	0	50,590	0
CASE WESTERN RESERVE	1,629	1,233	130	2,992	93	0	10	231	292
CHICAGO	1,688	302	48	2,038	252	0	0	0	6,939
CINCINNATI	5,624	437	6	6,067	0	0	0	0	1,241
COLORADO	4,540	154	3	4,697	UA	0	0	0	3
COLORADO STATE	5,053	1,068	426	6,547	1,015	0	0	0	79
COLUMBIA	3,936	6,838	352	11,126	10,604	3,068	0	4,462	5,348
CONNECTICUT	8,221	3,112	259	11,592	137	0	0	0	210
CORNELL	63,121	1,308	159	64,588	559	0	0	1,028	756
DARTMOUTH	3,041	2,732	94	5,867	1	17	0	0	220
DELAWARE	1,504	527	198	2,229	21	0	0	0	1,778
DUKE	10,204	1,210	235	11,649	117	0	0	51	4,875
EMORY	3,540	2,985	78	6,603	149	0	0	936	8,212
FLORIDA	14,502	2,309	141	16,952	1,808	0	0	39	1,163
GEORGE WASHINGTON	954	2,323	184	3,461	0	0	0	0	593
GEORGETOWN	5,061	88,300	12	93,373	1,290	1	UA	43	76
GEORGIA	12,046	996	40	13,082	875	0	0	1,114	573
GEORGIA TECH	99	53	3	155	2,500	0	0	0	100
GUELPH	6,038	0	0	6,038	0	0	0	11,326	10
HARVARD	24,315	7,886	534	32,735	48,971	1,445	0	478	29,010
HAWAII	3,367	319	157	3,843	1,811	0	0	0	356
HOWARD	0	0	0	0	0	0	0	0	0
ILLINOIS, URBANA	9,380	2,508	115	12,003	9,078	4,527	343,500	85	10,553
INDIANA	3,173	292	843	4,308	251	UA	UA	UA	7,010
IOWA	32,532	2,236	30	34,798	49	1,486	0	0	96
IOWA STATE	2,653	647	16	3,316	61	919	0	461	651
JOHNS HOPKINS	3,425	1,717	1,158	6,300	369	0	0	0	47
KANSAS	7,173	1,402	344	8,919	546	UA	UA	307	4,757

+ - See Footnotes

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ARL PRESERVATION STATISTICS 2005-06

TABLE 3

CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

Volumes Bound	Entire Bound Volumes			Single Unbound Sheets			Non-Paper Items		(Survey Question #)
	Photocopy	Microfilm	Digital	Photocopy	Microfilm	Digital	Using Analog Means	Using Digital Means	
(19)	(20a)	(20b)	(20c)	(21a)	(21b)	(21c)	(22a)	(22b)	INSITUTION
6,054	7	6	0	35	0	16,876	0	3,757	ALABAMA
25,544	3	0	11	6	0	0	146	547	ARIZONA STATE
9,352	0	1,203	9	0	0	230	0	2,666	AUBURN
9,226	0	0	0	0	0	0	0	0	BOSTON
11,741	52	0	0	700	0	0	0	75	BOSTON COLLEGE
21,148	5	31	UA	UA	93,303	UA	737	12,953	BRIGHAM YOUNG
17,296	0	428	0	0	40	48,500	0	1,250	BRITISH COLUMBIA
18,491	14	0	0	0	0	0	0	0	BROWN
55,647	46	955	UA	703	UA	UA	240	6,480	CALIFORNIA, BERKELEY
12,513	0	25	36	0	0	0	0	0	CALIFORNIA, DAVIS
5,283	5	0	0	2,000	19,075	0	20	0	CALIFORNIA, IRVINE
22,650	22	75	3	0	17,500	18,181	0	0	CALIFORNIA, LOS ANGELES
20,520	5	UA	UA	UA	UA	UA	UA	UA	CALIFORNIA, RIVERSIDE
25,307	0	6	10	19,105	0	784	0	369	CALIFORNIA, SAN DIEGO
9,993	0	0	0	5,000	0	782	0	14,184	CALIFORNIA, SANTA BARBARA
13,697	32	122	726	620	0	106	0	531	CASE WESTERN RESERVE
63,573	0	0	1,848	0	0	3,626	0	2,947	CHICAGO
21,088	0	0	0	24	0	0	0	0	CINCINNATI
10,058	29	0	0	0	0	0	0	51	COLORADO
12,484	6	0	UA	0	0	UA	0	UA	COLORADO STATE
41,286	253	1,342	0	0	0	3,582	55	0	COLUMBIA
17,264	67	0	UA	0	0	UA	0	0	CONNECTICUT
24,048	321	0	UA	1,217	0	134	0	443	CORNELL
8,861	132	0	0	0	0	0	0	0	DARTMOUTH
9,989	273	7	1	0	0	20	0	174	DELAWARE
23,339	0	0	0	0	0	0	80	766	DUKE
15,644	236	0	0	0	0	52	17	769	EMORY
19,385	0	1,005	25,121	0	0	7,372	0	19,773	FLORIDA
13,377	0	0	0	204	0	0	0	0	GEORGE WASHINGTON
11,467	225	UA	94	UA	UA	UA	UA	260	GEORGETOWN
43,065	5	0	4,100	7,464	2,750,000	300	404	6,415	GEORGIA
5,349	0	0	2,336	500	0	50	0	414	GEORGIA TECH
UA	0	0	0	0	0	0	0	1,222	GUELPH
72,655	290	5,832	4,829	10,534	165	6,526	38	527,359	HARVARD
15,956	0	40	0	0	0	237	0	0	HAWAII
3,390	0	0	0	0	0	0	0	4	HOWARD
37,961	317	460	0	18,955	3,018	0	2,787	2,682	ILLINOIS, URBANA
930	UA	UA	UA	984	UA	UA	UA	UA	INDIANA
24,573	117	211	2	1,051	0	1,183	0	0	IOWA
26,068	59	1,980	UA	0	0	UA	0	0	IOWA STATE
11,417	34	0	0	0	0	0	0	0	JOHNS HOPKINS
19,157	0	0	0	0	0	0	0	0	KANSAS

ARL PRESERVATION STATISTICS 2005-06

TABLE 3

CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

(Survey Question #) INSTITUTION	Volumes Treated				Unbound Sheets Treated	Mass-Deacidification		Non-paper Items Treated	Protect. Enclosures
	Level 1	Level 2	Level 3	Total		Bound Volumes, Pamphlets	Linear Ft of Unbound Materials		
	(13a)	(13b)	(13c)	(13)	(14)	(15)	(16)	(17)	(18)
KENTUCKY	6,225	745	83	7,053	1,533	0	0	36,000	1,168
LAVAL	8,457	9,384	UA	17,841	UA	UA	UA	UA	3,151
LOUISIANA STATE	1,530	764	12	2,306	2,635	0	0	15,319	1,120
LOUISVILLE	231	637	152	1,020	4	0	0	0	0
MCGILL	2,791	1,001	35	3,827	0	0	0	0	481
MCMASTER	470	436	187	1,093	2,509	0	0	983	700
MARYLAND	1,846	1,666	1,066	4,578	7,250	2,647	0	0	2,379
MASSACHUSETTS	1,974	8	0	1,982	500	0	0	0	39
MIT	1,251	415	4	1,670	190	0	0	0	241
MIAMI	2,102	422	41	2,565	1,004	0	0	2,000	181
MICHIGAN	7,640	1,157	50	8,847	102	8,252	0	72	457
MICHIGAN STATE	2,407	1,068	66	3,541	0	4,189	0	0	559
MINNESOTA	5,866	432	122	6,420	2,650	0	0	200	1,558
MONTREAL	12,796	1,366	0	14,162	0	0	0	0	15
NEBRASKA	7,034	1,378	0	8,412	5,000	0	0	366	94
NEW MEXICO	1,849	485	180	2,514	460	0	0	300	2,401
NEW YORK	1,264	677	320	2,261	142	241	0	83	366
NORTH CAROLINA	10,323	5,732	153	16,208	1,512	0	0	340	2,812
NORTH CAROLINA STATE	1,584	273	20	1,877	0	0	0	0	1,171
NORTHWESTERN	7,077	1,767	41	8,885	368	6,117	0	0	636
NOTRE DAME	1,878	833	695	3,406	5,702	40	0	2,172	1,878
OHIO	151	5,038	633	5,822	UA	UA	UA	UA	692
OHIO STATE	10,670	525	112	11,307	468	0	0	5,698	2,222
OKLAHOMA	3,473	1,445	106	5,024	30	0	0	6	383
OKLAHOMA STATE	360	1,826	137	2,323	2,354	0	0	4,170	313
OREGON	697	5,130	10	5,837	6	0	0	0	209
PENNSYLVANIA	164	147	458	769	223	0	0	54	5,121
PENNSYLVANIA STATE	2,040	1	4	2,045	2,526	1,186	0	2,623	1,901
PITTSBURGH	494	1,096	6	1,596	114	2,210	0	0	310
PRINCETON	818	2,092	306	3,216	1,276	UA	UA	145	4,771
PURDUE	50	327	101	478	215	0	0	1	12
RICE	2,349	2,077	1,964	6,390	100	0	0	125	0
ROCHESTER	14,581	4,061	182	18,824	6,485	1,619	0	754	1,268
RUTGERS	748	1,006	51	1,805	208	0	0	6,747	1,216
SASKATCHEWAN	0	2,440	0	2,440	0	0	0	0	286
SOUTH CAROLINA	2,251	158	56	2,465	2,071	0	0	0	3,626
SOUTHERN CALIFORNIA	0	0	0	0	0	0	0	0	2
SOUTHERN ILLINOIS	2,355	528	20	2,903	935	0	0	0	838
SUNY-ALBANY	555	1,090	1	1,646	0	0	0	0	747
SUNY-BUFFALO	1,654	1,715	1,342	4,711	0	0	0	0	77
SUNY-STONY BROOK	3,280	1,967	0	5,247	306	0	0	0	178
SYRACUSE	12,329	1,393	13	13,735	132	0	0	62	1,805

UA/NA - Unavailable

ARL PRESERVATION STATISTICS 2005-06

TABLE 3

CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

Volumes Bound	Entire Bound Volumes			Single Unbound Sheets			Non-Paper Items		(Survey Question #) INSTITUTION
	Photocopy	Microfilm	Digital	Photocopy	Microfilm	Digital	Using Analog Means	Using Digital Means	
(19)	(20a)	(20b)	(20c)	(21a)	(21b)	(21c)	(22a)	(22b)	
22,581	15	162	234	14,042	0	57	63	19,232	KENTUCKY
11,431	UA	UA	465	UA	UA	UA	UA	UA	LAVAL
4,875	132	0	0	6,600	445,040	0	134	271	LOUISIANA STATE
12,382	8	0	14	22	0	0	0	669	LOUISVILLE
18,140	0	0	75	0	0	920	0	725	MCGILL
7,639	0	0	0	0	0	25	0	0	MCMASTER
14,193	207	0	18	2,914	0	0	0	0	MARYLAND
9,049	0	0	110	600	0	100	0	600	MASSACHUSETTS
18,644	1	0	1,562	2,166	0	0	0	6,261	MIT
16,889	0	0	252	150	0	383	0	100	MIAMI
59,328	0	18	2,483	0	0	UA	0	200	MICHIGAN
33,363	0	0	16	0	0	0	0	825	MICHIGAN STATE
29,151	544	0	0	0	0	0	0	0	MINNESOTA
16,576	0	2,129	0	0	0	0	0	0	MONTREAL
21,763	0	0	0	0	226,000	UA	0	18,821	NEBRASKA
9,287	2	0	500	250	0	4,224	0	8,389	NEW MEXICO
51,135	45	381	175	200	UA	1,786	4	1,236	NEW YORK
32,359	342	56	12	1,233	29,669	UA	250	986	NORTH CAROLINA
26,838	88	0	1,000	8,334	0	2,200	174	10,420	NORTH CAROLINA STATE
32,485	102	342	363	0	0	1,913	25	724	NORTHWESTERN
13,653	217	0	0	0	3,876	0	0	0	NOTRE DAME
7,264	16	UA	UA	927	UA	684	UA	304	OHIO
64,176	124	3,225	378	2,446	0	600	0	380	OHIO STATE
14,202	0	0	0	0	0	0	0	0	OKLAHOMA
5,555	0	0	270	4,172	0	2,134	0	55	OKLAHOMA STATE
14,246	0	0	0	0	177,734	621	75	3,800	OREGON
24,183	345	0	26	10	0	250	0	25	PENNSYLVANIA
35,592	205	1,607	141	5,329	500	2,797	0	4,209	PENNSYLVANIA STATE
16,338	0	2	854	0	6,000	503	26	3,014	PITTSBURGH
66,169	165	UA	UA	UA	UA	UA	UA	UA	PRINCETON
14,077	0	0	0	15,000	1,800	12,827	10	71	PURDUE
7,661	0	0	0	300	0	0	0	0	RICE
8,582	257	35	314	3,313	0	0	2,435	200	ROCHESTER
15,149	4	0	8	0	0	15	0	45	RUTGERS
7,182	0	0	0	0	0	0	0	0	SASKATCHEWAN
7,740	20	380	69	838	0	2,300	0	2,292	SOUTH CAROLINA
10,573	0	0	65	0	0	132,552	0	0	SOUTHERN CALIFORNIA
20,416	0	988	0	0	0	0	0	0	SOUTHERN ILLINOIS
9,324	102	41	30	321	0	0	84	0	SUNY-ALBANY
16,404	0	0	0	0	0	0	0	0	SUNY-BUFFALO
6,588	96	28	0	0	9,117	9,117	215	0	SUNY-STONY BROOK
6,660	0	0	0	0	0	687	1	77	SYRACUSE

+ - See Footnotes

UA/NA - Unavailable

ARL PRESERVATION STATISTICS 2005-06

TABLE 3

CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

(Survey Question #)	<u>Volumes Treated</u>				Unbound Sheets Treated	<u>Mass-Deacidification</u>		Non-paper Items Treated	Protect. Enclosures
	Level 1	Level 2	Level 3	Total		Bound Volumes, Pamphlets	Linear Ft of Unbound Materials		
INSTITUTION	(13a)	(13b)	(13c)	(13)	(14)	(15)	(16)	(17)	(18)
TENNESSEE	2,750	1,635	477	4,862	33	1,350	0	0	2
TEXAS	27,522	1,429	886	29,837	9,111	0	0	46	5,532
TEXAS A&M	245	113	25	383	144	0	0	0	1,512
TEXAS TECH	1,885	3,718	153	5,756	0	0	0	0	9
TORONTO	17,346	1,077	522	18,945	1,357	UA	UA	UA	810
TULANE	50	20	0	70	0	0	0	0	60
UTAH	10,923	948	344	12,215	16,524	UA	UA	16	874
VANDERBILT	1,781	1,090	2	2,873	3	0	0	UA	1,643
VIRGINIA	1,519	612	4	2,135	358	0	0	74	4,252
VIRGINIA TECH	0	0	0	0	0	0	0	0	0
WASHINGTON	4,336	3,764	77	8,177	1,117	1,047	0	609	1,700
WASHINGTON STATE	UA	UA	UA	UA	UA	UA	UA	UA	UA
WASHINGTON U.-ST. LOUIS	271	65	12,895	13,231	0	0	0	101	1,102
WATERLOO	400	0	0	400	0	0	0	0	0
WAYNE STATE	156	10	0	166	0	0	0	0	129
WESTERN ONTARIO	0	124	50	174	53	0	0	0	0
WISCONSIN	15,175	1,936	784	17,895	897	0	0	12,131	562
YALE	10,145	1,980	915	13,040	3,296	6,650	1	1,996	9,579
YORK	UA	UA	UA	UA	UA	UA	UA	UA	UA
BOSTON PUBLIC	UA	UA	2,139	2,139	UA	UA	UA	UA	2,505
LIBRARY OF CONGRESS	1,307	1,352	782	3,441	14,265	298,826	1,069,500	9,134	22,462
NATL AGRICULTURAL LIB	606	0	1	607	600	0	0	2	360
LIB & ARCHIVES CANADA	0	0	311	311	29,366	7,280	0	359	4,665
NATL LIB OF MEDICINE	1,833	789	106	2,728	97	0	0	834	9,029
NEW YORK PUBLIC	60,305	1,217	155	61,677	6,133	UA	UA	1,987	3,334
NEW YORK STATE	12,703	376	1	13,080	209	0	0	0	440
SMITHSONIAN	174	161	137	472	47	0	0	0	27

SUMMARY DATA

(Survey Question #)	<u>Volumes Treated</u>				Unbound Sheets Treated	<u>Mass-Deacidification</u>		Non-paper Items Treated	Protect. Enclosures
	Level 1	Level 2	Level 3	Total		Bound Volumes, Pamphlets	Linear Ft of Unbound Materials		
	(13a)	(13b)	(13c)	(13)	(14)	(15)	(16)	(17)	(18)
University Medians	2,791	1,090	78	5,024	223	0	0	6	573
University Totals	560,849	246,754	33,977	841,580	175,967	48,734	343,511	168,908	185,356
Number of Libraries	101	101	99	101	97	92	91	95	101
Nonuniversity Medians	1,307	376	146	2,434	600	0	0	359	2,920
Nonuniversity Totals	76,928	3,895	3,632	84,455	50,717	306,106	1,069,500	12,316	42,822
Number of Libraries	7	7	8	8	7	6	6	7	8
GRAND MEDIAN	2,702	1,073	94	4,711	237	0	0	11	593
GRAND TOTAL	637,777	250,649	37,609	926,035	226,684	354,840	1,413,011	181,224	228,178
NUMBER OF LIBRARIES	108	108	107	109	104	98	97	102	109

UA/NA - Unavailable

ARL PRESERVATION STATISTICS 2005-06

TABLE 3

CONSERVATION TREATMENT, BINDING AND PRESERVATION REFORMATTING

Volumes Bound	Entire Bound Volumes			Single Unbound Sheets			Non-Paper Items		(Survey Question #)
	Photocopy	Microfilm	Digital	Photocopy	Microfilm	Digital	Using Analog Means	Using Digital Means	
(19)	(20a)	(20b)	(20c)	(21a)	(21b)	(21c)	(22a)	(22b)	INSTITUTION
18,564	137	170	0	305	0	0	0	45	TENNESSEE
18,283	UA	UA	155	1,709	25,373	7,142	76	9,022	TEXAS
17,750	0	0	9	250	0	0	0	8,124	TEXAS A&M
10,573	12	0	UA	0	0	UA	0	0	TEXAS TECH
36,360	13	UA	3,446	4,212	UA	25,774	UA	UA	TORONTO
5,080	0	0	0	0	0	0	0	0	TULANE
11,104	5	51	88	689	0	152,005	0	0	UTAH
16,301	UA	UA	2	UA	UA	UA	UA	26,576	VANDERBILT
8,415	18	27	273	0	0	6,734	0	5,810	VIRGINIA
7,368	0	0	714	8,245	0	0	0	2,693	VIRGINIA TECH
26,269	23	252	460	100	183,064	0	6,917	1,418	WASHINGTON
7,951	UA	UA	UA	UA	UA	UA	UA	UA	WASHINGTON STATE
14,325	5	0	0	238	0	0	100	4,197	WASHINGTON U.-ST. LOUIS
6,257	0	0	0	0	0	0	0	0	WATERLOO
10,379	0	0	0	0	0	0	0	8,000	WAYNE STATE
10,941	0	0	2	0	0	62	0	82	WESTERN ONTARIO
29,686	26	2,155	1,877	9,524	628,787	992	200	20,146	WISCONSIN
80,065	515	2,161	206	1,000	5,800	9,773	20	4,015	YALE
17,430	UA	UA	UA	UA	UA	UA	UA	UA	YORK
1,584	UA	15	24	UA	15	254	UA	6,019	BOSTON PUBLIC
255,105	21	121,386	2,091	UA	5,809,544	46,656	973	7,684	LIBRARY OF CONGRESS
0	10	9	460	100	0	122	0	2	NATL AGRICULTURAL LIB
946	UA	0	UA	UA	264,666	0	210,000	3,555	LIB & ARCHIVES CANADA
19,285	12	1,080	UA	6,076	0	1,390	1,333	4,614	NATL LIB OF MEDICINE
67,709	224	4,429	UA	130	965,380	UA	1,775	1,590	NEW YORK PUBLIC
4,374	18	0	460	0	21,041	1,276	0	0	NEW YORK STATE
2,392	0	0	0	0	0	0	1	0	SMITHSONIAN

SUMMARY DATA

Volumes Bound	Entire Bound Volumes			Single Unbound Sheets			Non-Paper Items		(Survey Question #)
	Photocopy	Microfilm	Digital	Photocopy	Microfilm	Digital	Using Analog Means	Using Digital Means	
(19)	(20a)	(20b)	(20c)	(21a)	(21b)	(21c)	(22a)	(22b)	
15,800	5	0	6	6	0	51	0	271	University Medians
2,029,789	6,346	27,938	55,792	164,541	4,625,861	487,718	15,333	780,150	University Totals
102	97	92	90	95	91	86	93	95	Number of Libraries
3,383	15	12	460	100	10,528	254	973	2,573	Nonuniversity Medians
351,395	285	126,919	3,035	6,306	7,060,646	49,698	214,082	23,464	Nonuniversity Totals
8	6	8	5	5	8	7	7	8	Number of Libraries
15,397	5	0	9	8	0	57	0	304	GRAND MEDIAN
2,381,184	6,631	154,857	58,827	170,847	11,686,507	537,416	229,415	803,614	GRAND TOTAL
110	103	100	95	100	99	93	100	103	NUMBER OF LIBRARIES

UA/NA - Unavailable

ARL PRESERVATION STATISTICS 2005-06 WORKSHEET

This worksheet is designed to help you plan your submission for the 2005-06 *ARL Preservation Statistics*. Include here ALL libraries for which you want to report data in the ARL Preservation Statistics.

If an exact figure is unavailable, use NA/UA. If the appropriate answer is zero or none, use "0."

Reporting Institution _____ Date Returned to ARL _____

Report Prepared by (name) _____

Title _____

Email address _____ Phone number _____

Contact person (if different) _____

Title _____

Email address _____ Phone number _____

ADMINISTRATION

1. Does the library have a preservation administrator? (1) _____ Yes _____ No

2. If yes, what percentage of the administrator's total job assignment is dedicated to preservation activities and preservation program management? (2) _____

3. If yes, what is the job title of the person to whom the preservation administrator reports? (3) _____

4. If the library has a preservation administrator who supervises staff, how many staff are in the preservation unit (including the preservation administrator)?

4a. Professional Staff FTE (4a) _____

4b. Support Staff FTE (4b) _____

4c. Student Assistants FTE (4c) _____

(Total Preservation Unit Staff: 4.a + 4.b + 4.c) (4) _____

5. How many staff are engaged in preservation activities library-wide (including staff reported in item 4 above)?

5a. Professional Staff FTE (5a) _____

5b. Support Staff FTE (5b) _____

5c. Student Assistants FTE (5c) _____

(Total Preservation Staff Library-wide: 5.a + 5.b + 5.c) (5) _____

PAGE TWO – EXPENDITURES

6. Expenditures reported in Canadian dollars? (6) _____ Yes
_____ No

7. Salaries and wages for staff engaged in preservation activities (as reported in line 5 above)

7a. Professional Staff (7a) _____

7b. Support Staff (7b) _____

7c. Student Assistants (7c) _____

(Total salaries and wages: 7.a + 7.b + 7.c) (7) _____

8. Contract expenditures

8a. Contract Conservation (8a) _____

8b. Contract commercial binding (related to line 16 on the 2005-06 ARL Statistics questionnaire; see instructions)
(8b) _____

8c. Contract preservation photocopying (8c) _____

8d. Contract preservation microfilming (8d) _____

8e. Other contract expenditures (8e) _____

(Total contract expenditures: 8.a + 8.b + 8.c + 8.d + 8.e) (8) _____

9. Preservation supplies (9) _____

10. Preservation equipment (10) _____

11. Total library expenditures (7 + 8 + 9 + 10) (11) _____

12. Total preservation expenditures that came from external sources (12) _____

PAGE THREE – TREATMENT AND REFORMATTING

CONSERVATION TREATMENT

13. Number of volumes/pamphlets given conservation treatment

13a. Volumes/pamphlets given Level 1 treatment (13a) _____

13b. Volumes/pamphlets given Level 2 treatment (13b) _____

13c. Volumes/pamphlets given Level 3 treatment (13c) _____

(Total number of treated volumes/pamphlets: 13.a + 13.b + 13.c) (13) _____

14. Number of unbound sheets given conservation treatment (14) _____

15. Number of bound volumes/pamphlets mass deacidified (15) _____

16. Number of linear feet of unbound papers mass deacidified (16) _____

17. Number of photographs and non-paper items given conservation treatment
(e.g., audio tapes, motion picture film) (17) _____

18. Number of custom-fitted protective enclosures constructed (18) _____

COMMERCIAL BINDING

19. Number of volumes commercially bound (19) _____

PRESERVATION REFORMATTING

20. Number of bound volumes/pamphlets reformatted in their entirety

20a. Photocopied (20a) _____

20b. Microfilmed (20b) _____

20c. Digitized *(optional)* (20c) _____

21. Number of single unbound sheets reformatted *(e.g., one side of one manuscript page, one map)*

21a. Photocopied (21a) _____

21b. Microfilmed (21b) _____

21c. Digitized *(optional)* (21c) _____

22. Number of photographs and non-paper items reformatted *(e.g., audio tapes, motion picture film)*

22a. By analog means (22a) _____

22b. By digital means (22b) _____

FOOTNOTES

Please provide footnotes to individual questions, as well as footnotes that apply to your entire institution. Please provide any information which would clarify the figures submitted, e.g., the inclusion of branch campus libraries or any special projects which might cause radical increases or decreases from the 2004-05 data. Please compare this year's footnotes to what you reported last year. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

Submit the completed questionnaire by **January 30, 2007**

For assistance, please e-mail Martha Kyrillidou (martha@arl.org) or Mark Young (stats-ra@arl.org)
Or call the ARL Office at (202) 296-2296.

ARL PRESERVATION STATISTICS QUESTIONNAIRE, 2005-06

INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

GENERAL INSTRUCTIONS

Please read all instructions carefully before you answer the questionnaire. Make sure your responses are as complete and accurate as possible. Give estimates when you must, but please do not make wild guesses. Use footnotes to expand upon or clarify your responses.

All questions assume a *fiscal year ending June 30, 2006*. If your library's fiscal year is different, please use footnotes to explain.

Please respond to every question. If an exact figure cannot be provided, use UA/NA (unavailable or not applicable). If the appropriate answer is zero or none, use **0**; **note that UA/NA is different from a real 0 (zero)**. Use the same basis for reporting as is used in responding to the main *ARL Statistics* questionnaire. For example, if in *ARL Statistics* you normally include data for a law library and/or a medical library, also include those libraries in response to this survey and note the inclusions in footnotes as prompted.

Although the form allows for data to be entered from both main and branch campuses, an effort should be made to report figures for the main campus only. (The U.S. National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch institution** as “a campus or site of an educational institution that is not temporary, is located in a community beyond a reasonable commuting distance from its parent institution, and offers organized programs of study, not just courses.”) If figures for libraries located at branch campuses are reported, please specify which “branch libraries are included and which ones are excluded” in the comments box on the web form..

A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of an institution, which has a basic collection of books and other materials, a regular staffing level, and an established schedule. A branch library is administered either by the central library or (as in the case of some law and medical libraries) through the administrative structure of other units within the university. Departmental study/reading rooms are not included.

SPECIFIC INSTRUCTIONS

For the purposes of this survey, the elements of a “preservation program” include: **conservation treatment, commercial binding, and preservation reformatting**. While shelf preparation activities (e.g., plating, labeling, insertion of security devices) and stack maintenance have obvious preservation implications and may be supervised by the preservation administrator, these activities are not quantified in this survey.

Question 1. Does the library have a preservation administrator who spends at least 25% of his or her time managing a partial or comprehensive preservation program?

Question 2. What percentage of the preservation administrator's total job assignment is dedicated to preservation activities? If the library has a full-time preservation administrator, general management activities (e.g., meeting attendance, committee participation) should be considered an integral part of the administrator's responsibilities and the answer to this question recorded as 100%. In contrast, where the preservation administrator is a part-time staff member or has a dual assignment (e.g., she or he is also a serials librarian, bibliographer, or curator), the percentage of time devoted to preservation activities and preservation management should be recorded. If the library has no preservation administrator enter “0.”

Question 3. Record the job title (not the individual name) of the person to whom the preservation administrator reports (e.g., “Associate Director for Collection Development”). If the library has no preservation administrator enter “0.”

Questions 4-5. FTE (i.e., “Full-Time Equivalent”) is the numerical representation of full- and part-time work activities. A person working full time is represented by an FTE of 1.00; a person working half time by an FTE of 0.50. Five persons working half time are represented by a combined FTE of 2.50. The number of FTE staff should be determined on the basis of the length of the work week in the reporting library. ***Round figures to the nearest two decimal places.***

Record FTE staff in filled positions or positions that are only temporarily vacant on the date that ends the library's fiscal year. Also record staff hired for special projects, internships, and grants, but provide an explanatory note in the footnotes indicating the FTE of such staff. The footnotes should also be used to record such information as the number of hours worked by volunteers (this figure is not recorded in the survey itself), and the number of months that a full-time position was vacant during the year.

Report trained professional conservators and photographers (senior practitioners—not technicians) in the “professional” category whether or not they have a master's degree in library studies.

Question 4. Only the preservation administrator and staff who report directly to him or her, or to someone supervised by him or her, should be recorded here. If the library has no preservation administrator, or if the administrator does not have direct line responsibility for staff, enter “0.”

Question 5. This figure includes staff who report to the preservation administrator, as recorded in Question 4, ***plus*** staff outside the preservation unit who are involved in preservation activities. The following activities should be included regardless of the department or library to which staff report: conservation, preparation for commercial binding, all activities associated with preservation reformatting (including selection for preservation, searching, and cataloging), and service on preservation committees.

For staff members with dual assignments, record only that time devoted to preservation activities. For example, a student assistant who works 0.40 FTE and devotes half of his or her time to book repair and the rest to serials check-in would be recorded as 0.20 FTE.

Question 7-11. Report all expenditures, regardless of the source of funding (e.g., funds may come from the regular institutional budget, grants, or fees for services).

Canadian libraries should report expenditures only in Canadian dollars. These amounts will be translated into U.S. dollars using a conversion exchange rate of 1.16289 Canadian dollars to 1 U.S. dollar, which was determined using the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 2005 through June 2006.

Questions 7a-7c. Record salaries for staff reported in response to Question 5, the number of staff engaged in preservation activities library-wide. Do not include fringe benefits.

Question 7d. This answer is the sum of the answers to Questions 7a through 7c. Attach any footnotes for Questions 7a-7c here, as only this figure appears in the data reports.

Question 8. “Contract expenditures” refers to expenditures for preservation services for which the library is invoiced by an outside vendor, organization, or individual (e.g., a commercial library binder, commercial microfilming service, or professional conservator in private practice).

Question 8a.

Conservation: Refers to the remedial and protective treatment (both mechanical and chemical) of bound volumes, manuscripts, maps, posters, works of art on paper, photographic materials, magnetic tapes, and other library materials to restore them to usable condition and/or to extend their useful lives. Note that conservation involves preserving information in its original form. The reproduction of materials (e.g., the copying of information onto the same, similar, or new media) is recorded in the preservation reformatting section of this survey. Conservation also refers to the construction of protective enclosures (e.g., wrappers, jackets, boxes) for library materials. Use of archivally sound methods and materials is presumed.

Conservation encompasses a wide range of treatments, including pamphlet and paperback binding, temporary serials binding, tipping in inserts, making pockets for loose parts, slitting uncut pages, making paper repairs, removing tapes and stains, tightening hinges, replacing endpapers, rebacking, recasing, rebinding, repairing sewing structures before sending volumes out for commercial binding, and item-by-item and mass deacidification. Treatments range from minor procedures that can be done relatively quickly by technicians to major procedures that are chemically and mechanically complex and require the skill and judgment of a conservator.

Conservation may also include item-by-item treatment of materials damaged by water, fire, and mold. Because mass freeze drying and fumigation can involve very large numbers that would mask the size and nature of the in-house conservation effort, such activities are recorded in response to Question 8e, “other contract expenditures” and explained in the footnotes, but are not recorded in response to Questions 13-14. Exhibit preparation is recorded as conservation activity when an item is treated (e.g., a print is cleaned), but not when a temporary support (e.g., a book cradle) is constructed to display an item. In the latter case, total FTE staff suffices as a measure of effort.

If fees paid to commercial binders for products and treatments other than library binding (e.g., for phase boxes) have been recorded on the main ARL Statistics in response to Question 16, please note instructions for answering Question 8b, below.

Question 8b.

Commercial binding: Refers to the binding, rebinding, and recasing performed by commercial library binderies, as described in the *Library Binding Institute Standard for Library Binding*, 8th edition (Rochester: Library Binding Institute, 1986). Commercial library binderies use oversewing machines; Smythe-type sewing machines; double-fan adhesive binding equipment; and automated rounders and backers, hydraulic presses, and spine stamping equipment, in a high-production environment.

This figure should match the figure reported on the main *ARL Statistics 2005-06* survey in response to Question 16, unless the library purchases conservation services from a commercial library binder. ***Where fees have been paid to a commercial library binder for conservation services, record those fees in response to Question 8a herein.*** Subtract conservation fees from the dollar amount reported in response to Question 16 of the main *ARL Statistics 2005-06* and record the resulting figure in response to Question 8b herein. Explain the discrepancy between answers to Question 16 of the main *ARL Statistics* and Question 8b of the *ARL Preservation Statistics* in a footnote.

Question 8e. Other contract expenditures might include fees paid for commercial freeze-drying, fumigating, or mass-deacidification of library materials; membership fees for use of regional conservation facilities; or equipment repairs. If answers are recorded in response to optional Questions 20c and 21c (number of items digitized), record expenditures here. Use footnotes to note the amount and nature of major expenditures.

Question 8f. This answer is the sum of the answers to Question 8a through 8e.

Question 9. Supplies include materials used for conservation treatment (e.g., papers, book cloths, adhesives, pamphlet binders, box board, chemicals, disposable filters for water systems); commercially available archival quality boxes, wrappers, file folders, and envelopes; paper used for preservation photocopying and digitizing; and film, chemicals, and other supplies used for preservation microfilming. Expenditures for equipment and tools costing under \$100 should be recorded here. Expenditures for security labels and stamps, book pockets, call number and bar code labels, and book plates fall outside the scope of this survey and should not be recorded.

Since housing of commercially available boxes, wrappers, folders, and envelopes can involve very large numbers that would mask the size and nature of the in-house conservation effort, the use of such supplies to protect books, manuscripts, maps, microfiche, photographs, videotapes, and other library materials is recorded only here—not in response to Questions 13-14.

Question 10. Record expenditures for equipment and tools costing over \$100, such as machinery (e.g., board shears, fume hoods, microfilming cameras, photocopy machines and scanners exclusively used for preservation reformatting), furniture (e.g., laboratory benches, chemical supply cabinets), and computer hardware purchased for exclusive use by a preservation department for such purposes as conservation management, bindery preparation, and bibliographic searching related to preservation reformatting. Capital expenditures for building renovations (e.g., the construction of a conservation facility) or for construction that results in improved housing of library materials (such as replacement of heating, ventilating, and air conditioning systems) should be recorded only in footnotes.

Question 11. This answer is the sum of the answers to Questions 7, 8, 9, and 10.

Certain preservation-related expenses are not requested in this survey (e.g., the cost of staff training, conference attendance, and other staff development activities; printed brochures and posters; purchase of reference materials). If significant, these should be noted in footnotes.

Question 12. Record total preservation expenditures that were funded by external agencies in the form of grants. Funds allocated from the library's regular operating budget (including gifts, royalties, endowment income, and special funds provided to the library by its parent institution) are regarded as internal and should not be reflected here.

Questions 13. This answer is the sum of answers to Questions 13a-13c. See definition of *conservation* under instructions for Question 8a above. ***Record the number of volumes (including pamphlets) given conservation treatment, not the total number of treatments performed. Answers to these questions should be mutually exclusive. While any given volume may receive several treatments, it should be recorded only once, as a Level 1, 2, or 3 treatment depending on the amount of time devoted to the volume.*** For example, when an errata sheet is tipped into a volume, three pages are repaired, and its hinges are tightened, and these procedures take a total of 25 minutes to perform, the volume should be recorded only once, as a Level 2 treatment. The repair of several pages of a volume or pamphlet should not be recorded under “unbound sheets” (Question 14), even if the volume is disbound at the time the pages are treated. Rather, treatment of the volume should be recorded once, as a Level 1, 2, or 3 book treatment, depending on the time required to perform all procedures.

When a volume receives conservation treatment and a box is made for it, however, the conservation should be recorded as a Level 1, 2, or 3 treatment, and the boxing should be recorded in response to Question 18 (number of custom-fitted protective enclosures constructed). Likewise, when two pages of a book are repaired and the book is sent to a commercial bindery, the volume should be recorded as a Level 1 conservation treatment and as a “commercial binding” (Question 19).

Because the nature of procedures and the level of in-house conservation expertise varies significantly across ARL libraries, treatments are recorded based on the length of time they require, time being a meaningful and comparable measure of effort. Use of archivally sound methods and materials is presumed.

Question 13a. Level 1 conservation treatments require 15 minutes or less to perform.

Question 13b. Level 2 treatments require more than 15 minutes but less than two hours to perform.

Question 13c. Level 3 conservation treatments require two hours or more to perform. Where an extraordinary number of hours is required to treat selected items, this information can be recorded in footnotes.

Question 14. Unbound sheets include items such as manuscripts, maps, posters, and works of art on paper. Procedures include a variety of mechanical and chemical treatments (e.g., paper repair, surface cleaning, washing, deacidifying, encapsulating, mounting, matting) that lengthen the life of the item. Use of archivally sound methods and materials is presumed. ***Report the total number of sheets of paper that were treated—not the total number of treatments performed.***

Questions 15-16.

Mass deacidification is a process by which books and papers are treated to neutralize acidity and to introduce an alkaline buffer. Materials are deacidified in batches, in chambers that hold several (or many) items.

Item-by-item deacidification of bound volumes and papers, performed by conservators and technicians, should be recorded in response to Questions 13-14.

Question 17. Record conservation treatment of photographic materials here, including photographs printed on paper, glass, plastics, and other materials. “Non-paper items” include materials other than bound volumes, unbound paper, and photographs. Treatment of non-paper items might include such activities as conserving globes, cleaning videotapes, and repairing motion picture film. Report activities such as remastering videotapes, copying photographs, re-recording sound, and other activities involving duplication of media in response to Question 22 (number of photographs and non-book/paper items reformatted).

Question 18. Custom-fitted enclosures are distinguished from the commercially available boxes and other enclosures identified in Question 9 as “supplies,” in that the former are custom-made to fit their contents and the latter are standard-sized enclosures available through supply catalogs. Custom-fitted enclosures include paper and polyester book jackets, paper and board wrappers, portfolios, phase boxes, double-tray boxes, and other boxes. (Polyester encapsulation of single sheets should be reported in response to Question 14—not here.) Use of archival quality methods and materials is presumed.

Question 19. See definition of *commercial binding* under instructions for Question 8b above. Record all volumes (including pamphlets) bound or rebound by a commercial bindery.

Questions 20-21. “Number of bound volumes/pamphlets” refers to the reformatting of volumes in their entirety (i.e., each page is copied to produce a facsimile volume in paper, on film, or in digital form). “Number of unbound pages” refers to the sum of the number of full pages copied. For a manuscript written on one side of a sheet, record one page. For a manuscript written on two sides of a sheet, record two pages. For one frame of film that captures one page, record one page. For one frame of film that captures two pages, record two pages.

Preservation photocopying refers only to items photocopied on paper that has a minimum pH of 7.5, a minimum alkaline reserve equivalent to 2% calcium carbonate based on oven-dry weight of the paper, and includes no groundwood or unbleached pulp. Images must be properly fused to the paper.

Preservation microfilming presumes adherence to relevant American National Standards Institute (ANSI) and Association for Information and Image Management (AIIM) standards as well as microfilming guidelines published by the Research Libraries Group and National Library of Canada.

For microfilming, record data only for first-generation microforms. For a monographic set of three volumes, record three volumes; for thirty volumes in a serial run record thirty volumes. Include data for projects that are undertaken cooperatively with other libraries, but not for commercial projects wherein a commercial vendor borrows library materials for filming and subsequent sale of the film. When the library serves as a commercial microfilming vendor for another institution, this filming should be reported by the library that contracts for the filming—not by the library that does the filming. Dissertations that are sent to UMI for filming should not be recorded.

Record preservation microform masters produced by copying non-archival or damaged film, or produced from digitized text. Use footnotes to indicate the scope and nature of such activity.

Digitizing for preservation purposes is the reproduction of bound volumes, pamphlets, unbound sheets, manuscripts, maps, posters, works of art on paper, and other paper-based materials for the purpose of:

- a) making duplicate copies that replace deteriorated originals (e.g., by digitizing texts and storing them permanently in electronic form and/or printing them on alkaline paper);
- b) making preservation master copies and thus guarding against irretrievable loss of unique originals (e.g., by making high-resolution electronic copies of photographs and storing them permanently and/or printing them; or
- c) making surrogate copies that can be retrieved and distributed easily, thereby improving access to information resources without exposing original materials to excessive handling;

or some combination of these factors.

Record the total number of items that were digitized—not the total number of versions of these items that were created. Where a photograph is scanned and printed, a low resolution image mounted on the World Wide Web, and images having higher resolution recorded on CD-ROM, report one photograph digitized.

Question 22. Refers to the copying of all types of photographs, and non-paper media such as audio tapes, videotapes, various types of disks, and motion picture film for preservation purpose (see instructions for *digitizing*

for preservation purposes, above). A photograph copied using a 35mm. camera is an analog reproduction; a photograph copied using a digital camera is a digital reproduction.

Footnotes. Explanatory footnotes will be included with the published statistics. Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion of branch campus libraries (see paragraph six of the "General Instructions" for definition of branch campus libraries).

Submit the completed questionnaire by **January 30, 2007**.
Please contact Martha Kyrillidou (martha@arl.org) or Mark Young (stats-ra@arl.org)
at (202) 296-2296 for assistance.

FOOTNOTES TO THE ARL PRESERVATION STATISTICS 2005-06

Footnotes may also include errata and corrections to data from prior years not previously reported. Numbers in parentheses refer to columns in Library Data Tables and to Questionnaire numbers.

ALABAMA

- 1 The Law Library preservation administrator dedicates 10% of total job assignment to preservation activities and reports to the director.
- 4a, 4c Law reports 1 FTE.

AUBURN

- 1 All figures are as of September 30, 2006.

BOSTON

- 1 Includes Gotlieb Archival Research Center (formally Special Collections).
- 18 Includes Law Library.
- 19 Includes Law and Health Sciences Libraries.

BOSTON COLLEGE

- 4.b Includes the Conservation Specialist and the Bindery Services Assistant, both in O'Neill Library.

BRIGHAM YOUNG

- 1 All figures are as of December 31, 2005.
- 5 Includes student assistants for the first time; in the past, only professional staff were reported here.

BRITISH COLUMBIA

- 1 The Assistant University Librarian for Collections and Technical Services.
- 7-12 Expenditures as reported in Canadian dollars: (7) \$188,435; (8a) \$0; (8b) \$183,018; (8c) \$0; (8d) \$23,592; (8e) \$0; (8) \$206,610; (9) \$10,400; (10) \$0; (11) \$405,445; (12) \$200.
- 8.b Excludes reading rooms and affiliated libraries that appear in the *ARL Statistics 2005-06*.
- 20.b Includes: BC Directories, 1976-80; BC Provincial Examinations, 2002-03; M.Ed Major Papers, series 11-12 (2003-04); UBC Historical Theses, series 8-9 (1955-56, 1957-58); University Librarian Reports, 1991-92 to 2003-04; Summer Ubysey, 1999-2005; UBC Reports, 2002-04.
- 21.c Includes BC Reports (law report series).
- 22.b Includes photographs.

BROWN

- 8.c \$1,334 for this expenditure included with commercial binding (8b).

CALIFORNIA, DAVIS

- 4.a, 7.a The preservation administrator is currently a support staff position.
- 7.c Several student assistants were on work study funds in 2005-06, lowering the library's payroll costs.
- 8.c Contract preservation photocopying is done on a biennial basis and was not done in 2005-06.
- 8.d Increased expenditures for preservation microfilming were a result of an increased number of exposures filmed.
- 8.e Freight costs decreased at the end of 2005-06, resulting in a lower overall figure.
- 9-10 More volumes are bound in-house, which has increased the need for preservation supplies and equipment, resulting in a higher cost figure.
- 12 No funding came from external sources in 2005-06.
- 13.b-14, 20.b The difference between 2004-05 and 2005-06 are a result of normal variation in workflow.
- 17 2004-05 figure reflected a one-time special project.

- 18 Numbers of custom enclosures done in-house have increased with the decrease in the binding budget.
- 20.a Contract preservation photocopying is done on a biennial basis and was not done this year.

CALIFORNIA, IRVINE

- 13.a The number of volumes given Level 1 treatment increased substantially due to a greater reliance on in-house binding, rather than commercial binding.

CALIFORNIA, LOS ANGELES

- 8.b The figure for contract commercial binding in the *ARL Statistics 2005-06* includes not only commercial binding (8b) but also contract conservation (8a) and preservation supplies (9).

CALIFORNIA, SAN DIEGO

Preservation department serves all the UC San Diego libraries: Arts; Biomedical; Center for Library & Instructional Computing Services; International Relations & Pacific Studies; Medical Center; Science & Engineering; Scripps Institution of Oceanography; Social Sciences & Humanities; and Special Collections.

- 7.b Salary expense decrease due to moving the binding function to student positions and the long period to fill vacant and administrative assistant positions.
- 7.c A reduction of over 3000 student hours over the libraries in 2005-06 resulted in a larger than usual reduction in salaries for students that supported preservation work.
- 8.b Figure reflects the total spent for both the health sciences and the Geisel libraries.
- 12 Figure reflects grant funding received.

CASE WESTERN RESERVE

- 5.c Kelvin Smith Library Includes 1.35 FTE students for XML coding, uploading, and conversion of digital files of items previously digitized in past years.
- 8.d, 20.b 122 reels of old microfilm were copied to new silver film for the Kelvin Smith Library.
- 8.e Kelvin Smith Library includes: \$7,835 for contract digitizing of brittle books; \$67 for climate controlled storage of microfilm masters; \$289 for climate controlled storage of CD/DVD master copies of books digitized from the collection.
- 10 Kelvin Smith Library includes upgrades for the planetary scanner including table, lenses, software and hardware.
- 17 Law Library treated and rehoused 186 photos and documents for a special project involving materials donated to their library concerning Yugoslavian war crimes (U.N. Commission of Experts for the Investigation of Atrocities in the former Yugoslavia Archives).
- 20.c Kelvin Smith Library digitized 57 books and Law Library digitized 669 documents from their Yugoslavian War Crime donation.
- 22.b Includes scanning of photographs and other items from a donation to the Law Library of Yugoslavian War Crimes materials.

CHICAGO

- 8.a Includes expenditures for phase boxes and other commercially produced enclosures, previously included in contract commercial binding (8b).
- 8.e Includes expenditures for digital reformatting services and disaster recovery.
- 18 Includes commercially produced phase boxes and other protective enclosures.
- 19 Does not include commercially produced phase boxes and other protective enclosures.

COLORADO

- 5 Includes more students on assessment and a vacancy filled with temporary and student labor.
- 8.b Figure reflects binding service fees for binding only, excluding boxes and extras. Acquisitions show total fees to this bindery service alone, which does not reflect ACME binding services for photocopy fees. Serial titles cut to meet budget shortfall decreased number of volumes bound. Most available serials are no longer bound in electronic format.
- 8.c Photocopy services are purchased from two different vendors.

- 13 Thermal binds declined as a result of the serials title cuts.
- 14 Archives reports materials as "inventoried and processed," but they do not count single sheets, and they do not uniformly transfer materials into archival containers. They reported 1,915 linear feet of materials processed, but the extent of preservation treatment is uncertain; and the supplies used are not reflected in the expenditures provided.

COLUMBIA

- 4 Includes 8.65 FTE staff hired for special projects, internships, grants.
- 8.a Includes protective enclosures produced by contract conservators and repair work done by the commercial binder.
- 8.b Figure does not agree with the figure for contract binding in the *ARL Statistics 2005-06*. This figure has been adjusted to exclude \$54,330 (representing custom-made enclosures paid for through binding accounts), and \$61,378 (representing repair work done by the commercial binder), which are instead included with Contract Conservation (8a). Also excluded are Law Library (\$49,370), Medical Library (\$37,983), Barnard (\$13,102), and Teachers College (\$17,038). This figure matches the volumes counted in (19).
- 8.d Includes \$109,958 for Slavic Culture & History Microfilming-Phase 4
- 8.e Includes \$14,486 from Slavic Culture & History Microfilming-Phase 4, for preparation and cataloging of invoices.
- 17 Includes 4,459 photographs and 3 photo albums.
- 22.a Figure represents number of audio recordings (physical items) reformatted.

CONNECTICUT

- 8.b This figure differs from the *ARL Statistics 2005-06* because costs for protective enclosures and preservation photocopying have been subtracted from the total contract binding amount.

CORNELL

- 4 Figures reflect the Department of Preservation and Collection Maintenance only.
- 5 Figures include all unit libraries.
- 8.e Figure includes Iron Mountain Vault Storage charges.
- 18 Figure includes only enclosures produced in-house.

DUKE

- 7.a, 13 Increase due to the hiring of another conservator being hired for 2005-06 only.
- 7.c Decrease due to fewer student assistants hired in 2005-06.
- 8.c Decrease due to no contract preservation in 2005-06.
- 9-11, 13.a Increases due to an increase of expenditures in these areas.
- 13.c, 14 Increase due to the hiring of an additional conservator who primarily worked with special collections material.
- 18 Decrease due to decreased activity in this area.

FLORIDA

- 8.e Includes: \$50,000 for newspaper imaging and \$25,000 for georectification covered in (20c) and (21c); also \$13,013 for microfilm duplication.
- 9 \$500 for film processor cleaning, \$1,950 for film processing chemicals and \$9,000 for raw film plus various conservation supplies and plastic security cases for media.
- 10 Includes book freeze dryer repair costs.
- 22.b Includes 134 digital videos.

GEORGETOWN

- 8.c, 13.c, 15, 20.a Figure reflects Law Library only.

GUELPH

7-12 Expenditures as reported in Canadian dollars: (7) \$12,100; (8a) \$0; (8b) \$32,153; (8c) \$0; (8d) \$0; (8e) \$0; (9) \$32,153; (9) \$13,804; (10) \$0; (11) \$58,057; (12) \$0.

7.c Figure reflects expenditures for employment of summer student.

22.b Converted to DVD and web storage.

HARVARD

3 The Malloy-Rabinowitz Preservation Librarian in the University Library and the College Library, reports to a) the Associate Director of the University Library for Administration and Programs and to b) the Roy E. Larsen Librarian of the Harvard College.

4.a 1.0 FTE vacancy, HCL Chief Conservator.

7 Due to the decentralized nature of Harvard libraries, full salary data is not available in this survey.

8.d Majority of this work is completed by a unit at Harvard; due to the decentralized nature of Harvard libraries, some units pay invoices for the service with library funds and thus count it as a 'contract service' whereas other units do not make direct payments (and it does not appear as a contract service)

8.e Gutman/Grad School of Education had one time expense of \$1,100 for preservation training.

9 Countway/Medical School Library had an extra one-time supply expense as a result of collection move project.

10 Baker Library (Business School) and Weissman Center (HUL) each moved into new lab + facilities, with many one time purchases. Some Weissman expenses carried outside of Weissman budget (not tracked here)

12 2nd year of 2 for an NEH project in the Weissman Center; Center for Hellenic Studies had one time \$110,137 for compact shelving

22.b Includes: 5,000 35mm slides by Fine Arts Library; 3,227 digital items result of reformatting by Music Library digital audio lab (for Poetry Room, Music Library and Milman Perry Collection); and 500,000 photos to DVD by Judaica Division/Widener.

HAWAII

3 This position is temporarily supervising the technical processing departments including the Preservation Department.

IOWA

7.b Two staff were reassigned to preservation mid-year, resulting in additional 1 FTE.

8.d Figure reflects NEH/CIC microfilm grant work.

9 Preservation supply budget includes tattle tape; less was purchased in 2005-06, diverting money to process back log of music scores and collections in special collections and archives.

10 Includes trimmer, cutter, book trucks, custom table for sonic sealer, camera, cloth roller racks, and shrinkwrap sealer.

13.a Figure reflects a special project in government documents and music scores pamphlet binding.

20.b Figure reflects a CIC grant project to microfilm Railroad materials.

21.c Additional staffing allowed us to do more digitizing.

IOWA STATE

4.a Eight-week graduate level internship added.

4.b Figure reflects 1.5 library staff positions transferred into Preservation Department.

7.a Figure reflects conservator position vacant for 10 months, and the addition of eight-week paid graduate intern.

7.b Figure reflects 1.5 library staff positions transferred into Preservation Department and 1 position filled.

8.a Conservator position vacant. No items sent for conservation.

8c, 8d A reformatting position was filled. Newspaper title added to microfilming, and the entire backfile was microfilmed. A special project was undertaken to microfilm all dissertations not previously done, which impacted photocopying.

KENTUCKY

4.a Reformatting librarian position, at 1 FTE, is vacant.

- 4.b Binding and Shelf Prep reported to Collections & Technical Services (not Preservation) in 2005-06.
- 5 Due to administrative changes in 2005-06, the binding unit now reports to Collections & Technical Services.
- 8.b Commercial binding from Yankee Book Peddler shelf-ready: 3,497; UK Libraries: 19,084
- 19 Figure reflects 19,084 UK Libraries + 3,497 Yankee Book Peddler shelf-ready.
- 20.b "Volumes" refers to reels of master negative film. 162 reels; 108,080 exposures. The Preservation Reformatting Center, including the microfilming operations, reopened in July 2005 after a year-long hiatus. Production data is for 8 months of production after re-ramp up.
- 20.c Includes 46 reels of microfilm: 18,321 page images.
- 22.b Includes 500 audio files, each equaling 1 side of a 90 minute cassette.

LAVAL

- 7-12 Expenditures as reported in Canadian dollars: (7) \$222,136; (8a) UA; (8b) UA; (8c) UA; (8d) \$27,691; (8e) \$2,118; (8) \$29,809; (9) \$49,609; (10) \$5,644; (11) \$307,198; (12) UA.
- 20.c 120 ETD were produced in XML; 345 monographs were digitized.

LIBRARY & ARCHIVES CANADA

- 5a-5c All Staff of the Preservation Unit fall under the overall direction of the Preservation Administrator. Therefore, each part of (4) and (5) are identical. There are others who work outside the Preservation Unit to some degree, and perform other related preservation activities. However, these would be too labor-intensive to report on.
- 7-12 Expenditures as reported in Canadian dollars: (7) UA; (8a) \$359,349; (8b) \$3,556; (8c) \$0; (8d) \$0; (8e) \$504,597; (8) \$867,502; (9) \$311,502; (10) \$409,789; (11) \$1,589,249; (12) \$0.
- 22.a Figure reflects 210,000 feet of motion picture film.

LIBRARY OF CONGRESS

- 5 Includes Preservation Directorate and Motion Picture/Broadcasting and Recorded Sound Division.
- 8.e Includes mass-deacidification and digital contracts.
- 10 Includes unique equipment for the Preservation Research and Testing Division and the National Audiovisual Conservation Center/Motion Picture/Broadcasting and Recorded Sound Division.
- 16 Figure reflects number of documents, not linear feet.
- 22.a Figure reflects reels.
- 22.b Figure reflects reels. Denotes new process and workflow by Motion Picture/Broadcasting and Recorded Sound Division.

LOUISIANA STATE

- 12 Expenditures are from NHPRC.

LOUISVILLE

- 22.b The number of items digitized is significantly lower than in 2004-05 because of implementation of higher digitization standards and a system for metadata capture.

McGILL

- 7-12 Expenditures as reported in Canadian dollars: (7) \$287,000; (8a) \$13,816; (8b) \$229,981; (8c) UA; (8d) UA; (8e) UA; (8) \$243,797; (9) \$12,175; (10) UA; (11) \$542,972; (12) \$17,000.

McMASTER

- 7-12 Expenditures as reported in Canadian dollars: (7) \$124,943; (8a) \$0; (8b) \$130,863; (8c) \$0; (8d) \$696; (8e) \$0; (8) \$131,559; (9) \$10,459; (10) \$453; (11) \$267,414; (12) \$0.
- 7.a Professional staff salaries are low due to a staff illness.
- 7.b Support Staff salaries are low due to a reduction in staff in binding area.
- 19 Science periodical binding not done in Thode Library during 2005-06.

MIAMI

14 Includes 756 maps and posters repaired in central library, not reported in past years.

MICHIGAN

- 4.b Excludes 0.3 FTE volunteers in Conservation Services.
- 7 Conservation staff member (1 FTE) resigned mid-year. Also, as online holdings increase, fewer support staff and student hours are spent performing bindery prep and basic repair activities in non-Preservation units.
- 8.a In 2004-05, the Law Library's mass-deacidification figure was reported here. Now, it is included with the University Library mass-d figure in (8e).
- 8c, 8d Much has been replaced with digitization.
- 8.e Includes: Mass-deacidification (\$142,821), digital imaging (\$42,300), off-site archival microfilm storage (\$5,485), service contracts & equipment maintenance, and shipping to vendors.
- 9 More materials were treated commercially due to resignation of Conservation staff member. Includes supplies purchased for University Library units outside Preservation.
- 13 Decrease due to resignation of Conservation staff member.
- 13.a Includes basic treatments performed within University Library units by non-Preservation staff.
- 22.b Includes photographs only. Number of papyri digitized for the APIS project is not available. An in-house photographer position was vacant.

MICHIGAN STATE

- 10 Includes \$10,713 spent on Conservation Lab renovations.
- 14, 21.c No sheets were received during 2005-06.

MINNESOTA

- 2 Collection Development Officer is responsible for the preservation program.
- 12 Expenditures from gift funds, royalties, and endowment income are excluded.

MONTREAL

- 7-12 Expenditures as reported in Canadian dollars: (7) \$344,550; (8a) \$16,088; (8b) \$212,129; (8c) \$0; (8d) \$20,733; (8e) \$0; (8) \$248,950; (9) \$6,563; (10) \$0; (11) \$600,063; (12) \$1,450.
- 8.b Includes Ecole Polytechnique de Montreal expenditures for supplies (9).

NATIONAL AGRICULTURAL LIBRARY

- 17 Figure reflects 2 audio tapes.
- 22.b 2 audio tapes to CDs

NATIONAL LIBRARY OF MEDICINE

- 7.a Excludes salaries for 4.35 professional staff for the Pubmed Central journal back file scanning project.
- 7.b Does not include salaries for 0.25 FTE support staff for the PubMed Central journal backfile scanning project.
- 8.e Includes: off-site cool vaults (\$87,255); print master storage (\$2,175); microfilm duplication (\$517); inspection of old microfilm (\$29,732); audiovisual preservation consultant (\$1,900); audiovisual duplication (\$170,507); binding preparation (\$298,842); selection of audiovisuals for preservation (\$43,900); PubMed Central journal back file scanning project (\$1,025,581); archival processing (\$511,445).

NEW MEXICO

- 4a-4c Figures reflect Health Sciences Library & Informatics Center only.

NEW YORK

- 21.a Figure reflects Medical Library only.

NEW YORK PUBLIC

- 7.a Combined figure for professional and support staffing.

NEW YORK STATE

All figures are as of March 31, 2006.

NORTH CAROLINA

20.c Figure reflects Health Science Library only.

NORTH CAROLINA STATE

20c, 21c, 22b Figures reflect grant-funded digitization activity.

NOTRE DAME

21.b Includes newspaper pages microfilmed.

OKLAHOMA

8a, 8b Figure for contract binding (8b) is different than that published in the *ARL Statistics 2005-06* due to a change in method of reporting expenditures for (8a) that were previously reported in (8b).

12 Change due to a change in the method of reporting.

PENNSYLVANIA STATE

4.b One full-time position in Bindery Prep. was vacant for 2 months. Figure includes one full-time position and one wage support position for NEH-funded USNP Pennsylvania Newspaper Project.

8.b Figure represents only commercial binding. Conservation service fees from commercial binder and mass-deacidification expenditures have been subtracted from contract binding (16) in the *ARL Statistics 2005-06*.

8.d 62% of figure represents NEH-funded USNP Pennsylvania Newspaper Project microfilming.

8.e 72% of figure represents contracted digital conversion. 18% of figure represents contracted services to salvage 16mm films from a clean water disaster.

SASKATCHEWAN

7-12 Expenditures as reported in Canadian dollars: (7) \$173,186; (8a) \$0; (8b) \$84,068; (8c) \$0; (8d) \$0; (8e) \$0; (8) \$84,068; (9) \$190; (10) \$0; (11) \$257,444; (12) \$0.

9 2004-05 expenditures were higher due to Historical textbook project.

SYRACUSE

8.b Includes Law Library.

13.a Includes 10,350 volumes treated by paperback stiffening.

TEXAS

Figures include the University of Texas Libraries (UTL), the Harry Ransom Humanities Research Center (HRHRC), the Tarlton Law Library (Law), and the Center for American History (CAH), except where noted.

1 UTL employs 1.0 FTE Head Librarian, Preservation Services; HRHRC employs 1.0 FTE Associate Director, Conservation and Building Management.

2 100% (UTL); 70% HRHRC.

3 Head Librarian, Preservation Services reports to the Associate Director, Technical Services Division (UTL); Associate Director, Conservation and Building Management reports to the Executive Associate Director of the Center (HRHRC).

4 Includes 10.50 FTE (UTL); 10.0 FTE (HRHRC).

4.a Includes 1.0 FTE (UTL); 6.5 FTE (HRHRC).

4.b Includes 8.50 FTE (UTL); 2.5 FTE (HRHRC).

4.c Includes 1.0 FTE (UTL); 1.0 FTE (HRHRC).

5 Includes 12.56 FTE (UTL); 14.50 FTE (HRHRC); 0.60 FTE (Law); 1.35 FTE (CAH). Excludes 0.39 FTE total of volunteers and class projects from the Kilgarlin Center for Preservation of the Cultural Record (UTL only).

5.a Includes 1.25 FTE (UTL); 6.50 FTE (HRHRC); 0.35 FTE (Law); 0.75 FTE (CAH).

5.b Includes 9.38 FTE (UTL); 7.0 FTE (HRHRC); 0.25 FTE (Law).

5.c Includes 1.93 FTE (UTL); 1.0 FTE (HRHRC); 0.60 FTE (CAH).

7 Includes \$336,843 (UTL); \$521,498 (HRHRC); \$25,694 (Law); \$42,261 (CAH).

- 7.a Includes \$58,630 (UTL); \$323,185 (HRHRC); \$19,714 (Law); \$31,750 (CAH).
- 7.b Includes \$241,704 FTE (UTL); \$193,213 (HRHRC); \$5,980 (Law).
- 7.c Includes \$36,509 (UTL); \$5,100 (HRHRC); \$10,511 (CAH).
- 8 Includes \$102,122 (UTL); \$4,000 (HRHRC); \$18,300 (Law); \$9,056 (CAH).
- 8.a Includes \$2,795 (UTL); \$4,000 (HRHRC).
- 8.b Includes \$99,327 (UTL); \$18,300 (Law).
- 8.d Figure for CAH only.
- 9 Includes \$57,123 (UTL); \$65,171 (HRHRC); \$405 (Law); \$8,113 (CAH).
- 10 Figure for HRHRC only.
- 12 Includes \$2,755 (UTL); \$15,000 (HRHRC); \$9,056 (CAH).
- 13 Includes 21,269 (UTL); 8,372 (HRHRC); 155 (Law); 41 (CAH).
- 13.a Includes 19,380 (UTL); 8,014 (HRHRC); 110 (Law); 18 (CAH).
- 13.b Includes 1,336 (UTL); 48 (HRHRC); 45 (Law).
- 13.c Includes 553 (UTL); 310 (HRHRC); 23 (CAH).
- 14 Complete figure for UTL was unavailable. Includes 397 (UTL); 8,469 (HRHRC); 245 (CAH).
- 17 Complete figure for UTL was unavailable. Includes 1 (UTL); 41 (HRHRC); 4 (CAH).
- 18 Includes 2,334 (UTL); 3,137 (HRHRC); 56 (Law); 5 (CAH).
- 19 Includes 15,394 (UTL); 2,889 (Law).
- 20.a-b Exact figure for HRHRC was unavailable.
- 20.c Figure for UTL only; exact figure for HRHRC was unavailable.
- 21.a Includes 276 (UTL); 1,433 (CAH); exact figure for HRHRC was unavailable.
- 21.b Includes 43 first-generation copy negatives and transparencies (UTL); 25,330 (CAH); exact figure for HRHRC was unavailable.
- 21.c Includes 7,128 (UTL); 14 (CAH); exact figure for HRHRC was unavailable.
- 22.a Figure for CAH only; exact figure for HRHRC was unavailable.
- 22.b Includes 3,722 (UTL); 5,300 (CAH); exact figure for HRHRC was unavailable.

TORONTO

- 1 There is no preservation administrator at this time; preservation staff report to the Dept. Head, Fisher Rare Book Library, or to the Director of Special Projects, Robarts Library.
- 4.b One full-time support staff left partway through 2005-06 but is still included in the total here.
- 5.a Includes one FTE conservator at the Fisher Rare Book Library.
- 7-12 Expenditures as reported in Canadian dollars: (7) \$847,509; (8a) UA; (8b) \$463,590; (8c) \$1,819; (8d) UA; (8e) \$2,040; (8) \$467,449; (9) \$125,854; (10) \$0; (11) \$1,440,812; (12) \$19,300.
- 7.b One full time support staff left partway through 2005-06, thus salary figure is lower than in 2004-05.
- 8.b Includes Scarborough and Mississauga campuses and affiliated libraries.
- 8.c Reproduction of multiple volumes damaged by water in the Zoology Library.
- 8.e Cost for rebinding water damaged journals for Zoology library.
- 9 This total includes supplies that were not included in previous surveys. A significant portion was spent on supplies for the new SMI archive and for the off site book storage facility in Downsview.
- 19 Includes Scarborough and Mississauga campuses and affiliated libraries.

TULANE

- 7.a Figure reflects one person for a number of months in 2005 that he was paid, and 25% each of the salaries from

the 3 circulation shelvers salaries for 2005-06.

VANDERBILT

- 5b, 7b, 7c Data from the Television News Archive was not reported in 2004-05, but it is included in 2005-06.
- 22.b Data from the Vanderbilt TV News Archive was NOT reported in 2004-05, but it is included in 2005-06. Approximately the same number of analog videotapes (16,500) was digitized in 2004-05 as in 2005-06.

VIRGINIA

- 4.a Preservation Coordinator position was vacant from February 2005 through November 2005. In April 2006, this position was reclassified from classified staff to faculty (professional) with the title Preservation Librarian.
- 5, 7 Includes, for the first time, staff engaged in reformatting activities in Rare Materials Digital Services and Digital Library Production Services.
- 8.a Funds for contract conservation were not allocated in 2005-06.
- 9, 10 Equipment expenditures are included in Preservation Supplies as the two cannot be disaggregated.

WASHINGTON

5.c, 7c, 8a, 8c-
e, 9-10, 12,
13c, 14-18,
20b-c, 21b-c,
22

- 8e Includes contract expenditures for mass deacidification and photograph and sound reformatting.

WATERLOO

- 7-12 Expenditures as reported in Canadian dollars: (7) \$102,720; (8a) \$0; (8b) \$73,241; (8c) \$0; (8d) \$0; (8e) \$0; (8) \$73,241; (9) \$6,500; (10) \$0; (11) \$182,461; (12) \$0.

WAYNE STATE

- 8.b Figure reported for contract binding (16) in the *ARL Statistics 2005-06* includes \$1,256 for conservation services.

WESTERN ONTARIO

- 7-12 Expenditures as reported in Canadian dollars: (7) \$46,025; (8a) \$18,260; (8b) \$126,424; (8c) \$0; (8d) \$277; (8e) \$0; (8) \$144,961; (9) \$3,000; (10) \$0; (11) \$193,986; (12) \$0.
- 7 Figure is an estimate and has been updated from previous years with better information provided.

WISCONSIN

- 4 In addition 0.46 FTE volunteer time was contributed to preservation work.
- 4.a Figures represent Preservation Department staff at Memorial Library only.
- 4.b, 5.a-b Includes specially funded projects: (4b) 0.52 FTE; (5a) 0.28 FTE; (5b) 0.95 FTE.
- 5 In addition, 0.46 FTE volunteer time was contributed to preservation work.
- 8.b Excludes expenditures for enclosures paid to commercial binder and therefore differs from figure for Contract Binding (16) of the *ARL Statistics 2005-06*.
- 8.d Variance related to increase in grant related work.
- 8.e Includes expenditures for equipment repair/maintenance contracts, methylene blue testing, film storage, new vacuums and duplicators.
- 9, 14, 21.b Variance from 2004-05 related to differences in special project work.
- 19 Includes figures for General Library System libraries, as well as several independent campus libraries, but may not include some libraries whose expenditures are incorporated into the total dollar figure in contract binding expenditures (8b).

YALE

- 8.e Figure reflects payment of an outside contractor to clean all volumes in the stacks.
- 9 In preparation for a construction related stacks shift volumes had to be stabilized. This required the purchase of a Colibri machine and various other items needed for this stabilization.

18 CMI boxes are being ordered instead of making all custom fitted boxes in-house.

21.a Figure reflects part of a one-time project.

21b, 21c In 2004-05 there were two major filming projects in the Library. They were completed before 2005-06 started.

YORK

7-12 Expenditures as reported in Canadian dollars: (7) UA; (8a) \$3,131; (8b) \$163,573; (8c) \$0; (8d) \$0; (8e) \$0; (8) \$166,704; (9) \$15,273; (10) UA; (11) \$181,977; (12) UA.

APPENDIX

ARL Member Libraries as of January 1, 2007

The Association of Research Libraries (ARL) represents the interests of 123 libraries that serve major North American research institutions. ARL operates as a forum for the exchange of ideas and as an agent for collective action to influence the forces affecting the ability of these libraries to meet the future needs of scholarship. The ARL Statistics and Measurement program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries. The program offers publications and special member services, and collaborates with other national and international library statistics programs.

<u>Institution</u>	<u>Category</u>	<u>Full Name of Institution</u>	<u>Location</u>
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton, Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
Boston College	P	Boston College	Boston, Massachusetts
Brigham Young	P	Brigham Young University	Provo, Utah
British Columbia	C	University of British Columbia	Vancouver, British Columbia
Brown	P	Brown University	Providence, Rhode Island
Berkeley, California	S	University of California, Berkeley	California, Berkeley
California, Davis	S	University of California, Davis	Davis, California
California, Irvine	S	University of California, Irvine	Irvine, California
California, Los Angeles	S	University of California, Los Angeles	Los Angeles, California
California, Riverside	S	University of California, Riverside	Riverside, California
California, San Diego	S	University of California, San Diego	La Jolla, California
California, Santa Barbara	S	University of California, Santa Barbara	Santa Barbara, California
Case Western Reserve	P	Case Western Reserve University	Cleveland, Ohio
Chicago	P	University of Chicago	Chicago, Illinois
Cincinnati	S	University of Cincinnati	Cincinnati, Ohio
Colorado	S	University of Colorado	Boulder, Colorado
Colorado State	S	Colorado State University	Fort Collins, Colorado
Columbia	P	Columbia University	New York, New York
Connecticut	S	University of Connecticut	Storrs, Connecticut
Cornell	P	Cornell University	Ithaca, New York
Dartmouth	P	Dartmouth College	Hanover, New Hampshire
Delaware	S	University of Delaware	Newark, Delaware
Duke	P	Duke University	Durham, North Carolina
Emory	P	Emory University	Atlanta, Georgia
Florida	S	University of Florida	Gainesville, Florida
Florida State	S	Florida State University	Tallahassee, Florida
George Washington	P	George Washington University	Washington, D.C.
Georgetown	P	Georgetown University	Washington, D.C.
Georgia	S	University of Georgia	Athens, Georgia
Georgia Tech	S	Georgia Institute of Technology	Atlanta, Georgia
Guelph	C	University of Guelph	Guelph, Ontario
Harvard	P	Harvard University	Cambridge, Massachusetts
Hawaii	S	University of Hawaii	Honolulu, Hawaii
Houston	S	University of Houston	Houston, Texas
Howard	P	Howard University	Washington, D.C.
Illinois, Chicago	S	University of Illinois at Chicago	Chicago, Illinois
Illinois, Urbana	S	University of Illinois at Urbana	Urbana, Illinois
Indiana	S	Indiana University	Bloomington, Indiana
Iowa	S	University of Iowa	Iowa City, Iowa
Iowa State	S	Iowa State University	Ames, Iowa
Johns Hopkins	P	Johns Hopkins University	Baltimore, Maryland
Kansas	S	University of Kansas	Lawrence, Kansas
Kent State	S	Kent State University	Kent, Ohio
Kentucky	S	University of Kentucky	Lexington, Kentucky
Laval	C	Laval University	Quebec, Quebec
Louisiana State	S	Louisiana State University	Baton Rouge, Louisiana
Louisville	S	University of Louisville	Louisville, Kentucky
McGill	C	McGill University	Montreal, Quebec
McMaster	C	McMaster University	Hamilton, Ontario
Manitoba	C	University of Manitoba	Winnipeg, Manitoba
Maryland	S	University of Maryland	College Park, Maryland
Massachusetts	S	University of Massachusetts	Amherst, Massachusetts
MIT	P	Massachusetts Institute of Technology	Cambridge, Massachusetts
Miami	P	University of Miami	Coral Gables, Florida
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity

<u>Institution</u>	<u>Category</u>	<u>Full Name of Institution</u>	<u>Location</u>
Missouri	S	University of Missouri	Columbia, Missouri
Montreal	C	University of Montreal	Montreal, Quebec
Nebraska	S	University of Nebraska-Lincoln	Lincoln, Nebraska
New Mexico	S	University of New Mexico	Albuquerque, New Mexico
New York	P	New York University	New York, New York
North Carolina	S	University of North Carolina	Chapel Hill, North Carolina
North Carolina State	S	North Carolina State University	Raleigh, North Carolina
Northwestern	P	Northwestern University	Evanston, Illinois
Notre Dame	P	University of Notre Dame	Notre Dame, Indiana
Ohio	S	Ohio University	Athens, Ohio
Ohio State	S	Ohio State University	Columbus, Ohio
Oklahoma	S	University of Oklahoma	Norman, Oklahoma
Oklahoma State	S	Oklahoma State University	Stillwater, Oklahoma
Oregon	S	University of Oregon	Eugene, Oregon
Pennsylvania	P	University of Pennsylvania	Philadelphia, Pennsylvania
Pennsylvania State	S	Pennsylvania State University	University Park, Pennsylvania
Pittsburgh	S	University of Pittsburgh	Pittsburgh, Pennsylvania
Princeton	P	Princeton University	Princeton, New Jersey
Purdue	S	Purdue University	West Lafayette, Indiana
Queen's	C	Queen's University	Kingston, Ontario
Rice	P	Rice University	Houston, Texas
Rochester	P	University of Rochester	Rochester, New York
Rutgers	S	Rutgers University	New Brunswick, New Jersey
Saskatchewan	C	University of Saskatchewan	Saskatoon, Saskatchewan
South Carolina	S	University of South Carolina	Columbia, South Carolina
Southern California	P	University of Southern California	Los Angeles, California
Southern Illinois	S	Southern Illinois University	Carbondale, Illinois
SUNY-Albany	S	University at Albany, State University of New York	Albany, New York
SUNY-Buffalo	S	University at Buffalo, State University of New York	Buffalo, New York
SUNY-Stony Brook	S	State University of New York at Stony Brook	Stony Brook, New York
Syracuse	P	Syracuse University	Syracuse, New York
Temple	S	Temple University	Philadelphia, Pennsylvania
Tennessee	S	University of Tennessee	Knoxville, Tennessee
Texas	S	University of Texas	Austin, Texas
Texas A&M	S	Texas A&M University	College Station, Texas
Texas Tech	S	Texas Tech University	Lubbock, Texas
Toronto	C	University of Toronto	Toronto, Ontario
Tulane	P	Tulane University	New Orleans, Louisiana
Utah	S	University of Utah	Salt Lake City, Utah
Vanderbilt	P	Vanderbilt University	Nashville, Tennessee
Virginia	S	University of Virginia	Charlottesville, Virginia
Virginia Tech	S	Virginia Polytechnic Institute & State University	Blacksburg, Virginia
Washington	S	University of Washington	Seattle, Washington
Washington State	S	Washington State University	Pullman, Washington
Washington U.-St. Louis	P	Washington University	St. Louis, Missouri
Waterloo	C	University of Waterloo	Waterloo, Ontario
Wayne State	S	Wayne State University	Detroit, Michigan
Western Ontario	C	University of Western Ontario	London, Ontario
Wisconsin	S	University of Wisconsin	Madison, Wisconsin
Yale	P	Yale University	New Haven, Connecticut
York	C	York University	North York, Ontario
Boston Public Library	N	Boston Public Library	Boston, Massachusetts
Canada Inst. SciTech Info.	X	Canada Inst. for Scientific & Technical Information	Ottawa, Ontario
Center for Research Libs.	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, D.C.
Natl. Agricultural Lib.	N	National Agricultural Library	Beltsville, Maryland
Lib. & Archives of Canada	X	Library and Archives of Canada	Ottawa, Ontario
Natl. Library of Medicine	N	National Library of Medicine	Bethesda, Maryland
New York Public Library	N	New York Public Library	New York, New York
New York State Library	N	New York State Library	Albany, New York
Smithsonian Institution	N	Smithsonian Institution	Washington, D.C.

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity