

# ARL STATISTICS 2006–2007



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ASSOCIATION OF RESEARCH LIBRARIES  
WASHINGTON, DC  
2008

## ARL Statistics 2006–2007

The 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.

The *ARL Statistics* datafiles and accompanying documentation are available at [www.arl.org/stats/annualsurveys/arlstats/index.shtml](http://www.arl.org/stats/annualsurveys/arlstats/index.shtml).

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The paper used in this publication meets the minimum requirements of the American National Standard for Information Science and National Information Standards Organization standard—Permanence of Paper for Publications and Documents in Libraries and Archives, ANSI/NISO Z39.48-1992(R1997).

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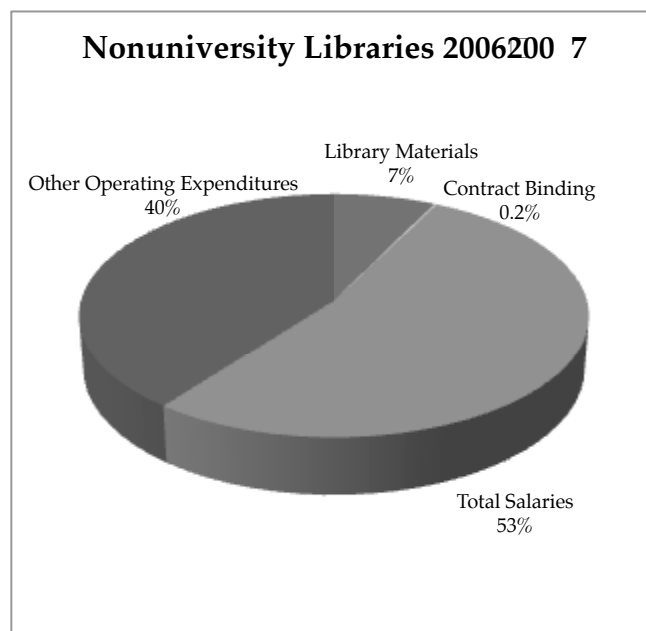
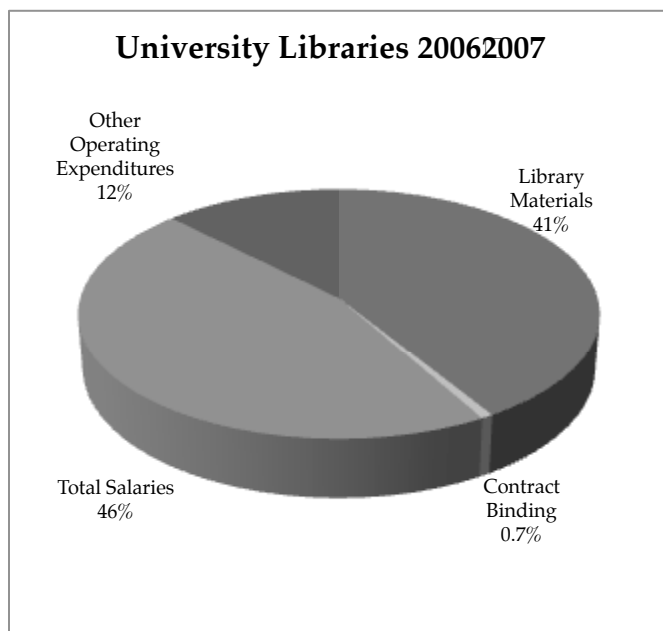
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## RESEARCH LIBRARY TRENDS

*ARL Statistics 2006–2007* is the latest in a series of annual publications that describe collections, staffing, expenditures, and service activities for the 123 members of the Association of Research Libraries (ARL). Of these, 113 are university libraries; the remaining 10 are public, governmental, and nonprofit research libraries. ARL member libraries are the largest research libraries in North America, representing 16 Canadian and 107 US research institutions. The academic libraries, which comprise about 92% of the membership, include 14 Canadian and 99 US libraries.

Statistics have been collected and published annually for the members of the Association of Research Libraries since 1961–1962, and the data are available through an interactive Web interface. Prior to 1961–1962, annual statistics for university libraries were collected by James Gerould, first at the University of Minnesota and later at Princeton University.<sup>1</sup> These data, covering the years 1907–1908 through 1961–1962, are now called the Gerould statistics.<sup>2</sup> The whole data series from 1908, which is available on the ARL FTP server,<sup>3</sup> represents the oldest and most comprehensive continuing library statistical series in North America.

ARL libraries are a relatively small subset of libraries in North America, but they do account for a large portion of academic library resources in terms of assets, budgets, and the number of users they serve. The total library expenditures of all 123 member libraries in 2006–2007 was more than \$3.9 billion; from that, roughly \$2.9 billion was spent by the 113 university libraries and more than \$866 million by the nonuniversity libraries. The pie charts below show how the two types of libraries divide these expenditures differently.



<sup>1</sup> Kendon L. Stubbs and Robert E. Molyneux, *Research Library Statistics 1907-08 through 1987-88* (Washington, DC: ARL, 1990).

<sup>2</sup> Robert E. Molyneux, *The Gerould Statistics 1907/08 – 1961/62*. (Washington, DC: ARL, 1986) <http://fisher.lib.virginia.edu/gerould/>.

<sup>3</sup> <http://www.arl.org/stats/arlstat/mrstat.html>.

## CHANGE IN COUNTING SERIALS

This year the definition of counting serials in the ARL Statistics was changed — from serials subscriptions we changed to counting serial titles. As a result the trend line of publishing serial cost per subscription is being discontinued and eventually a new one will emerge as we collect annual data on serial titles. This change though simple at first glance is very important as it makes the concept of serials more meaningful in the electronic environment.

What prompted this change? In earlier years the instructions for reporting serials were that libraries report the “total number of subscriptions, not titles, but electronic serials acquired as part of an aggregated package (such as MUSE or Academic’s IDEAL) were to be counted by title.” Directors and other staff have expressed concern that the serials count was problematic since many libraries engage in multiple consortia arrangements and the serials count was inflated by duplicate titles held in multiple packages. The Statistics and Assessment Committee determined that a new way of counting serials focusing on titles would provide better descriptive data reflecting the true scope of the content provided by research libraries. A pilot at various ARL libraries demonstrated the feasibility of the new method.

In the electronic environment once you own or lease a title, it is often accessible by all users so a more authentic descriptive statistic for the scope of the content is titles rather than subscriptions. A unique title count favors broader coverage. Any duplication of those titles through packages, aggregations, bundles, etc., becomes more a management issue. The new definition asks that titles be reported as electronic if available both in print and electronic formats and they be reported as purchased if available both through purchased and non-purchased arrangements. So, if a title appears in both print and electronic form and a library has acquired it through several different providers, it would be counted as one title. Training events were delivered last fall to ensure that there is a well-grounded, shared understanding of the new definitions.

The outcome has been successful as we have more libraries reporting serials titles than they ever managed to report serial subscriptions indicating that the new definition is moving us into the right direction of having data that are both collectable and useful. However, we had to delete all earlier trend lines that were based on serial subscriptions. A variety of resources have been developed for libraries to consult as they implemented the change and they are available through <http://www.arl.org/stats/annualsurveys/arlstats/07statmail.shtml>.

**RESEARCH LIBRARY TRENDS 2006–2007**  
**TABLES AND GRAPHS**

TABLE 1

**SERVICE TRENDS IN ARL LIBRARIES, 1991–2007**  
**Median Values for Time-Series Trends**

| Year                       | ILL:<br>Borrowed | Group<br>Pres. | Participants<br>In Pres. | Reference<br>Trans. | Initial<br>Circ. | Total<br>Circ. | Ratio of Circ.<br>Init. /Tot. | Total<br>Staff | Total<br>Students |
|----------------------------|------------------|----------------|--------------------------|---------------------|------------------|----------------|-------------------------------|----------------|-------------------|
| (Libraries)                | (103)            | (84)           | (82)                     | (79)                | (36)             | (80)           | (34)                          | (105)          | (103)             |
| 1991                       | 10,397           | 508            | 7,137                    | 125,103             | 296,964          | 509,673        | 1.26                          | 271            | 18,290            |
| 1992                       | 11,362           | 526            | 7,154                    | 132,549             | 342,989          | 554,579        | 1.27                          | 265            | 18,273            |
| 1993                       | 12,489           | 616            | 7,688                    | 136,115             | 343,293          | 568,628        | 1.32                          | 262            | 18,450            |
| 1994                       | 14,007           | 568            | 7,831                    | 147,582             | 369,996          | 572,749        | 1.31                          | 264            | 18,305            |
| 1995                       | 14,472           | 687            | 8,461                    | 147,023             | 347,144          | 578,989        | 1.32                          | 267            | 18,209            |
| 1996                       | 15,278           | 719            | 8,410                    | 155,336             | 336,481          | 560,244        | 1.39                          | 264            | 18,320            |
| 1997                       | 16,264           | 687            | 9,218                    | 149,659             | 348,157          | 542,438        | 1.37                          | 273            | 18,166            |
| 1998                       | 17,656           | 698            | 9,462                    | 132,850             | 354,924          | 514,574        | 1.37                          | 273            | 18,335            |
| 1999                       | 18,942           | 711            | 9,406                    | 128,696             | 300,923          | 514,087        | 1.38                          | 277            | 18,609            |
| 2000                       | 20,475           | 722            | 9,596                    | 115,636             | 273,231          | 482,542        | 1.42                          | 267            | 18,908            |
| 2001                       | 21,902           | 669            | 10,121                   | 104,409             | 265,195          | 467,277        | 1.48                          | 269            | 19,102            |
| 2002                       | 21,339           | 776            | 11,350                   | 95,910              | 251,146          | 462,223        | 1.51                          | 279            | 19,925            |
| 2003                       | 22,146           | 806            | 12,516                   | 89,150              | 248,689          | 479,733        | 1.57                          | 277            | 21,132            |
| 2004                       | 25,737           | 757            | 12,864                   | 84,546              | 261,526          | 496,369        | 1.60                          | 273            | 21,562            |
| 2005                       | 25,729           | 803            | 13,782                   | 65,168              | 250,971          | 473,216        | 1.58                          | 267            | 22,047            |
| 2006                       | 27,412           | 833            | 13,051                   | 67,697              | 267,213          | 466,403        | 1.52                          | 267            | 22,618            |
| 2007                       | 26,813           | 830            | 14,417                   | 61,703              | 222,037          | 456,597        | 1.59                          | 266            | 22,874            |
| Average annual<br>% change | 6.1%             | 3.1%           | 4.5%                     | -4.3%               | -1.8             | -0.7           | 1.5%                          | -0.1           | 1.4%              |

Table 1 presents data about select public service activities such as circulation (initial and total), reference transactions, library instruction (group presentations and participants in these presentations), and interlibrary borrowing and lending.

As seen in table 1, the median of group presentations dropped slightly during 2006–2007. However, the number of participants increased with a median of 14,417 for the typical research library. Perhaps what is of most interest is that by 2007 there were double the participants compared to 1991 (see Graph 1).



## GRAPH 1

### SERVICE TRENDS IN ARL LIBRARIES, 1991–2007

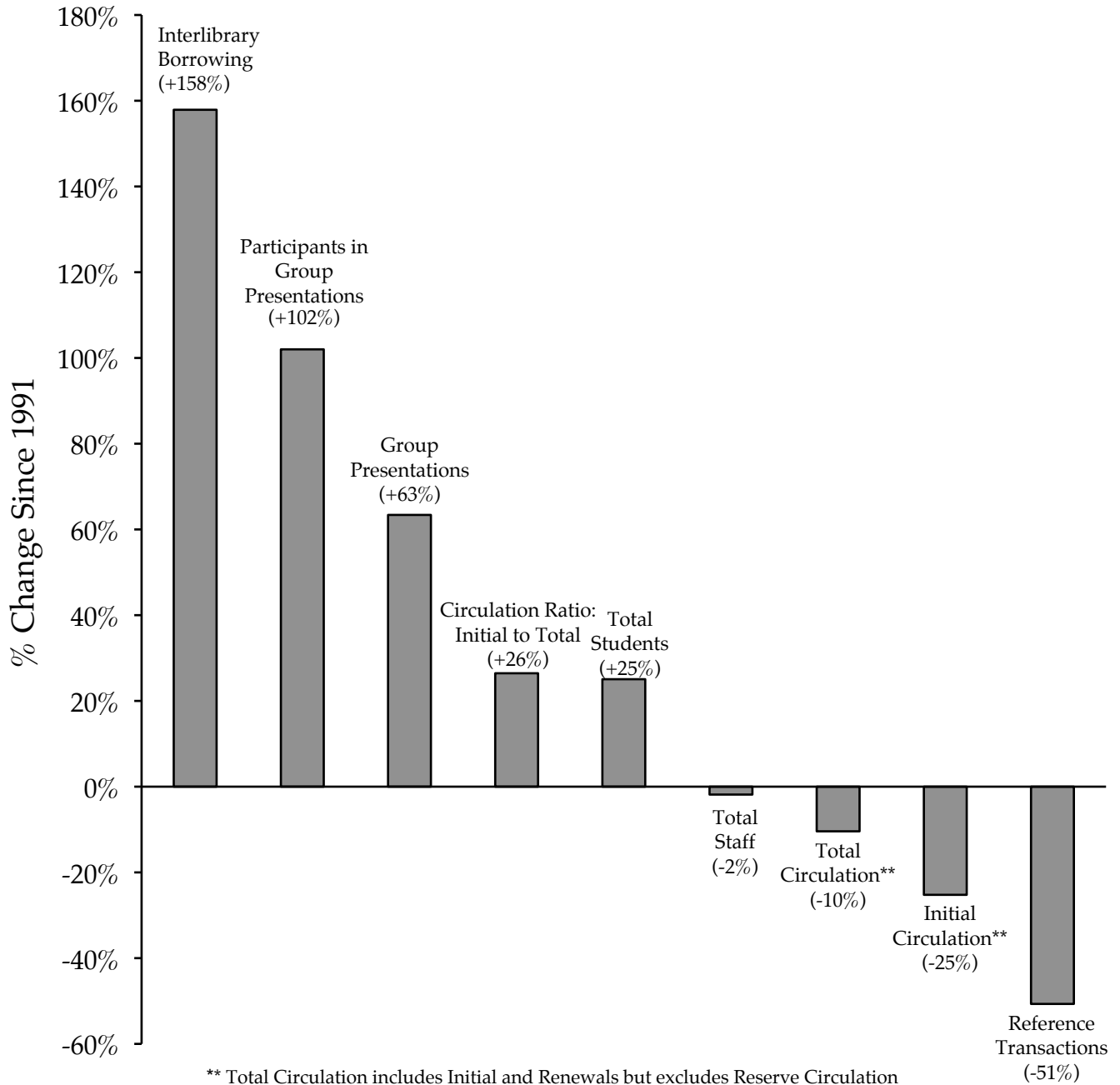


TABLE 2

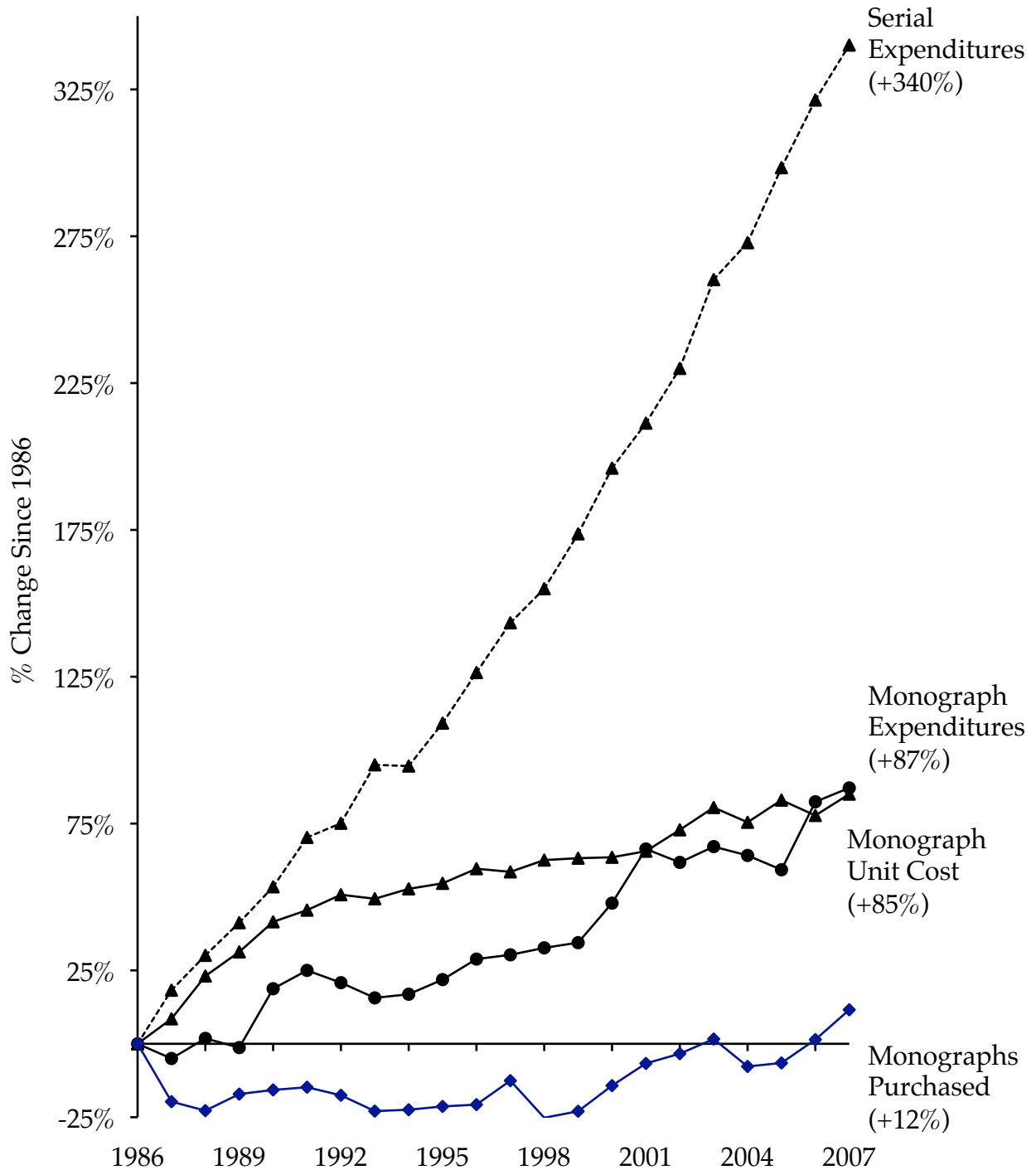
**MEDIAN MONOGRAPH AND SERIAL EXPENDITURES IN ARL LIBRARIES, 1986–2007**  
**Median Values for Time-Series Trends**

| Year                       | Serial       | Monograph | Monograph    | Monographs |
|----------------------------|--------------|-----------|--------------|------------|
| (Libraries)                | Expenditures | Unit Cost | Expenditures | Purchased  |
|                            | (100)        | (57)      | (97)         | (58)       |
| 1986                       | \$ 1,496,775 | \$ 29.28  | \$ 1,120,645 | 32,679     |
| 1987                       | \$ 1,769,960 | \$ 31.76  | \$ 1,064,484 | 26,240     |
| 1988                       | \$ 1,947,559 | \$ 36.03  | \$ 1,141,226 | 25,238     |
| 1989                       | \$ 2,113,976 | \$ 38.44  | \$ 1,106,073 | 27,082     |
| 1990                       | \$ 2,296,910 | \$ 41.44  | \$ 1,330,747 | 27,546     |
| 1991                       | \$ 2,548,687 | \$ 42.60  | \$ 1,400,738 | 27,843     |
| 1992                       | \$ 2,620,832 | \$ 44.14  | \$ 1,353,865 | 26,947     |
| 1993                       | \$ 2,918,569 | \$ 43.74  | \$ 1,295,807 | 25,188     |
| 1994                       | \$ 2,912,495 | \$ 44.72  | \$ 1,309,807 | 25,341     |
| 1995                       | \$ 3,131,033 | \$ 45.27  | \$ 1,365,575 | 25,707     |
| 1996                       | \$ 3,389,118 | \$ 46.73  | \$ 1,444,015 | 25,911     |
| 1997                       | \$ 3,642,541 | \$ 46.42  | \$ 1,460,234 | 28,576     |
| 1998                       | \$ 3,816,497 | \$ 47.59  | \$ 1,486,764 | 24,447     |
| 1999                       | \$ 4,095,934 | \$ 47.78  | \$ 1,506,651 | 25,173     |
| 2000                       | \$ 4,430,812 | \$ 47.87  | \$ 1,657,349 | 28,024     |
| 2001                       | \$ 4,660,349 | \$ 48.48  | \$ 1,864,023 | 30,494     |
| 2002                       | \$ 4,939,225 | \$ 50.61  | \$ 1,812,826 | 31,578     |
| 2003                       | \$ 5,392,007 | \$ 52.83  | \$ 1,873,157 | 33,208     |
| 2004                       | \$ 5,580,157 | \$ 51.36  | \$ 1,839,412 | 30,155     |
| 2005                       | \$ 5,962,446 | \$ 53.57  | \$ 1,784,841 | 30,546     |
| 2006                       | \$ 6,307,292 | \$ 52.04  | \$ 2,044,272 | 33,145     |
| 2007                       | \$6,587,241  | \$ 54.17  | \$2,097,078  | 36,462     |
| Average annual<br>% change | 7.3%         | 3.0%      | 3.0%         | 0.5%       |

Note that Table 2 and Graph 2 have been revised since 2005–2006 and no longer include Serial Unit Cost or Serial Subscriptions. Beginning with 2006–2007, ARL libraries are reporting unduplicated counts of serial titles rather than subscriptions.

GRAPH 2

MEDIAN MONOGRAPH AND SERIAL EXPENDITURES IN ARL LIBRARIES, 1986–2007\*



Source: ARL Statistics 2006/2007, Association of Research Libraries, Washington, DC

\*Includes electronic resources from 1999/2000 onward.

TABLE 3

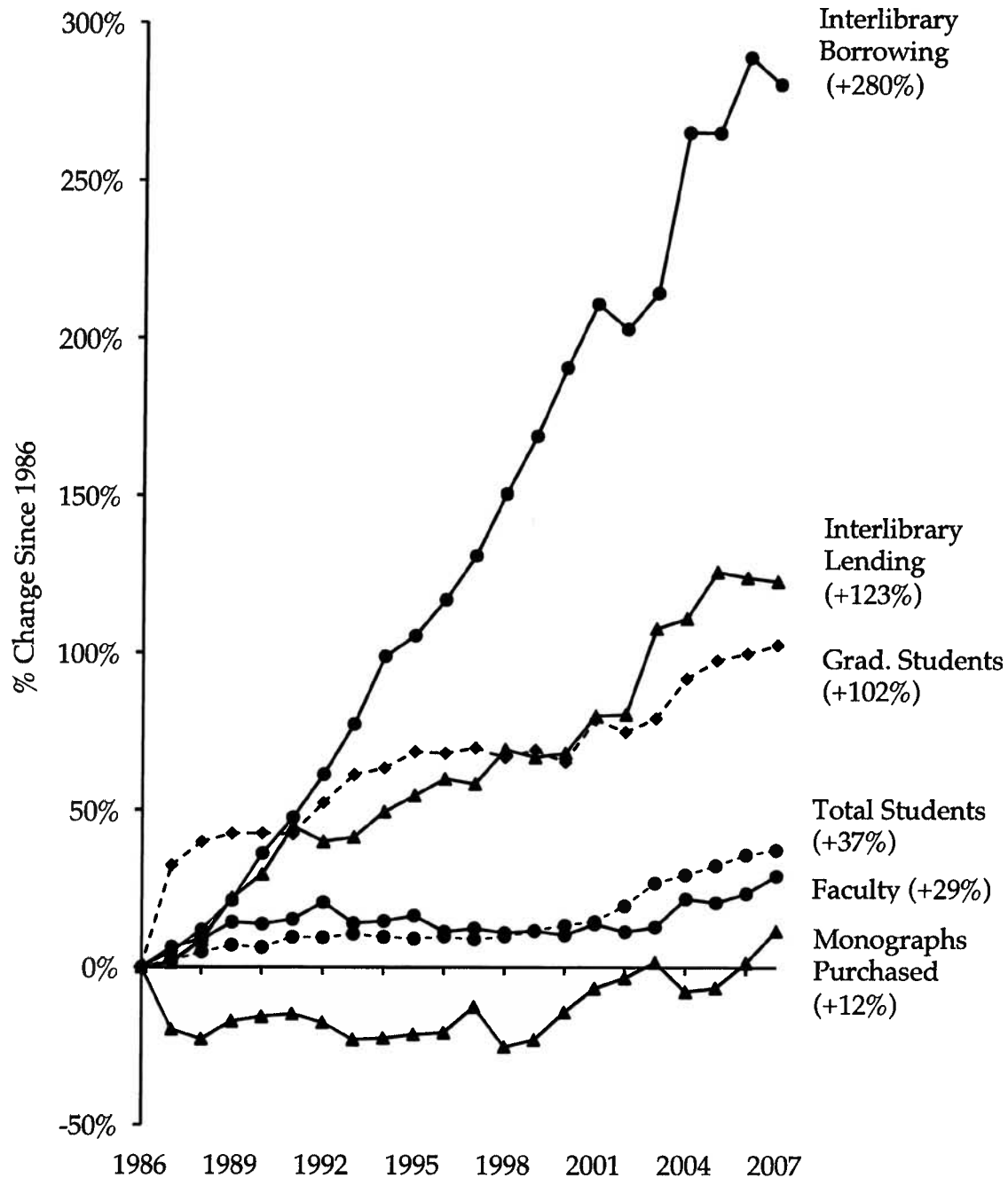
**SUPPLY AND DEMAND IN ARL LIBRARIES, 1986–2007**  
**Median Values for Time-Series Trends**

| Year                       | ILL:<br>Borrowed | ILL:<br>Lent | Graduate<br>Students | Teaching<br>Faculty | Total<br>Students | Monographs<br>Purchased |
|----------------------------|------------------|--------------|----------------------|---------------------|-------------------|-------------------------|
| (Libraries)                | (103)            | (103)        | (104)                | (101)               | (103)             | (58)                    |
| 1986                       | 7,047            | 16,092       | 2,327                | 1,124               | 16,684            | 32,679                  |
| 1987                       | 7,387            | 16,318       | 3,078                | 1,195               | 17,029            | 26,240                  |
| 1988                       | 7,881            | 17,476       | 3,251                | 1,222               | 17,485            | 25,238                  |
| 1989                       | 8,547            | 19,638       | 3,312                | 1,285               | 17,866            | 27,082                  |
| 1990                       | 9,595            | 20,837       | 3,314                | 1,278               | 17,745            | 27,546                  |
| 1991                       | 10,397           | 23,285       | 3,310                | 1,295               | 18,290            | 27,843                  |
| 1992                       | 11,362           | 22,514       | 3,539                | 1,356               | 18,273            | 26,947                  |
| 1993                       | 12,489           | 22,740       | 3,745                | 1,281               | 18,450            | 25,188                  |
| 1994                       | 14,007           | 24,039       | 3,794                | 1,289               | 18,305            | 25,341                  |
| 1995                       | 14,472           | 24,864       | 3,914                | 1,308               | 18,209            | 25,707                  |
| 1996                       | 15,278           | 25,720       | 3,904                | 1,251               | 18,320            | 25,911                  |
| 1997                       | 16,264           | 25,463       | 3,942                | 1,263               | 18,166            | 28,576                  |
| 1998                       | 17,656           | 27,223       | 3,880                | 1,247               | 18,335            | 24,447                  |
| 1999                       | 18,942           | 26,837       | 3,933                | 1,255               | 18,609            | 25,173                  |
| 2000                       | 20,475           | 27,044       | 3,844                | 1,239               | 18,908            | 28,024                  |
| 2001                       | 21,902           | 28,950       | 4,159                | 1,279               | 19,102            | 30,494                  |
| 2002                       | 21,339           | 29,021       | 4,067                | 1,251               | 19,925            | 31,578                  |
| 2003                       | 22,146           | 33,421       | 4,167                | 1,268               | 21,132            | 33,208                  |
| 2004                       | 25,737           | 33,934       | 4,461                | 1,369               | 21,562            | 30,155                  |
| 2005                       | 25,729           | 36,325       | 4,595                | 1,355               | 22,047            | 30,546                  |
| 2006                       | 27,412           | 36,035       | 4,647                | 1,388               | 22,618            | 33,145                  |
| 2007                       | 26,813           | 35,838       | 4,709                | 1,451               | 22,874            | 36,462                  |
| Average annual<br>% change | 6.6%             | 3.9%         | 3.4%                 | 1.2%                | 1.5%              | 0.5%                    |

Interlibrary borrowing and lending, which showed a marked growth in the last decade, seem to be declining. Monographs purchased are above 1986 levels for the third time in the last 22 years.

GRAPH 3

SUPPLY AND DEMAND IN ARL LIBRARIES, 1986–2007\*



Source: ARL Statistics 2006–2007, Association of Research Libraries, Washington, DC

\*Serial and monograph data includes electronic materials from 2000 onward.

TABLE 4

**EXPENDITURE TRENDS IN ARL LIBRARIES, 1986–2007**  
**Median Values for Time-Series Trends—Unadjusted dollar figures**

| Year                       | Library<br>Materials | Serial<br>Exp. | Monograph<br>Exp. | Total<br>Salary | Operating<br>Exp. | Total      | CPI   |
|----------------------------|----------------------|----------------|-------------------|-----------------|-------------------|------------|-------|
| (Libraries)                | (105)                | (100)          | (97)              | (104)           | (104)             | (105)      |       |
| 1986                       | 2,705,297            | 1,496,775      | 1,120,645         | 4,011,436       | 1,111,914         | 8,361,092  | 109.6 |
| 1987                       | 3,058,479            | 1,769,960      | 1,064,484         | 4,361,646       | 1,180,167         | 8,990,001  | 113.6 |
| 1988                       | 3,369,896            | 1,947,559      | 1,141,226         | 4,618,335       | 1,198,674         | 9,557,623  | 118.3 |
| 1989                       | 3,577,405            | 2,113,976      | 1,106,073         | 5,236,292       | 1,364,558         | 10,183,315 | 124.0 |
| 1990                       | 3,903,358            | 2,296,910      | 1,330,747         | 5,469,333       | 1,386,618         | 11,241,022 | 130.7 |
| 1991                       | 4,064,344            | 2,548,687      | 1,400,738         | 5,885,814       | 1,445,735         | 11,990,794 | 136.2 |
| 1992                       | 4,156,510            | 2,620,832      | 1,353,865         | 6,050,222       | 1,390,245         | 12,249,150 | 140.3 |
| 1993                       | 4,316,674            | 2,918,569      | 1,295,807         | 5,962,470       | 1,561,122         | 12,265,696 | 144.5 |
| 1994                       | 4,572,276            | 2,912,495      | 1,309,807         | 6,047,803       | 1,676,701         | 12,767,348 | 148.2 |
| 1995                       | 4,715,203            | 3,131,033      | 1,365,575         | 6,312,770       | 1,853,586         | 13,171,893 | 152.4 |
| 1996                       | 5,126,482            | 3,389,118      | 1,444,015         | 6,664,021       | 1,997,233         | 13,870,378 | 156.9 |
| 1997                       | 5,562,742            | 3,642,541      | 1,460,234         | 6,893,582       | 2,039,957         | 14,526,674 | 160.5 |
| 1998                       | 5,795,223            | 3,816,497      | 1,486,764         | 7,163,979       | 2,072,903         | 15,329,371 | 163.0 |
| 1999                       | 6,232,365            | 4,095,934      | 1,506,651         | 7,476,532       | 2,069,887         | 16,737,261 | 166.6 |
| 2000                       | 6,744,281            | 4,430,812      | 1,657,349         | 7,811,403       | 1,991,852         | 17,221,441 | 172.2 |
| 2001                       | 7,322,507            | 4,660,349      | 1,864,023         | 8,106,666       | 2,280,493         | 17,620,048 | 177.5 |
| 2002                       | 7,599,249            | 4,939,225      | 1,812,826         | 8,488,255       | 2,136,616         | 18,456,038 | 180.1 |
| 2003                       | 8,273,171            | 5,392,007      | 1,873,157         | 8,813,191       | 2,073,913         | 19,030,188 | 183.9 |
| 2004                       | 8,286,431            | 5,580,157      | 1,839,412         | 9,015,741       | 2,274,878         | 19,953,776 | 189.4 |
| 2005                       | 8,801,962            | 5,962,446      | 1,784,841         | 9,268,364       | 2,243,592         | 20,663,012 | 195.4 |
| 2006                       | 9,174,734            | 6,307,292      | 2,044,272         | 9,647,695       | 2,540,171         | 21,694,210 | 203.5 |
| 2007                       | 9,600,793            | 6,587,241      | 2,097,078         | 9,940,406       | 2,549,139         | 22,810,227 | 208.3 |
| Average annual<br>% change | 6.5%                 | 7.3%           | 3.0%              | 4.4%            | 4.0%              | 4.9%       | 3.1%  |

Operating expenditures, including many automation expenditures, have doubled since 1986, but during the last five years have remained at relatively stable levels of investment. The total salary expenditures median has increased only slightly over the past four years. Monograph expenditures continue to increase. The annual consumer price index (CPI), included in Graph 4, provides a comparative reference for the increases in library expenditures.

GRAPH 4

EXPENDITURE TRENDS IN ARL LIBRARIES, 1986–2007

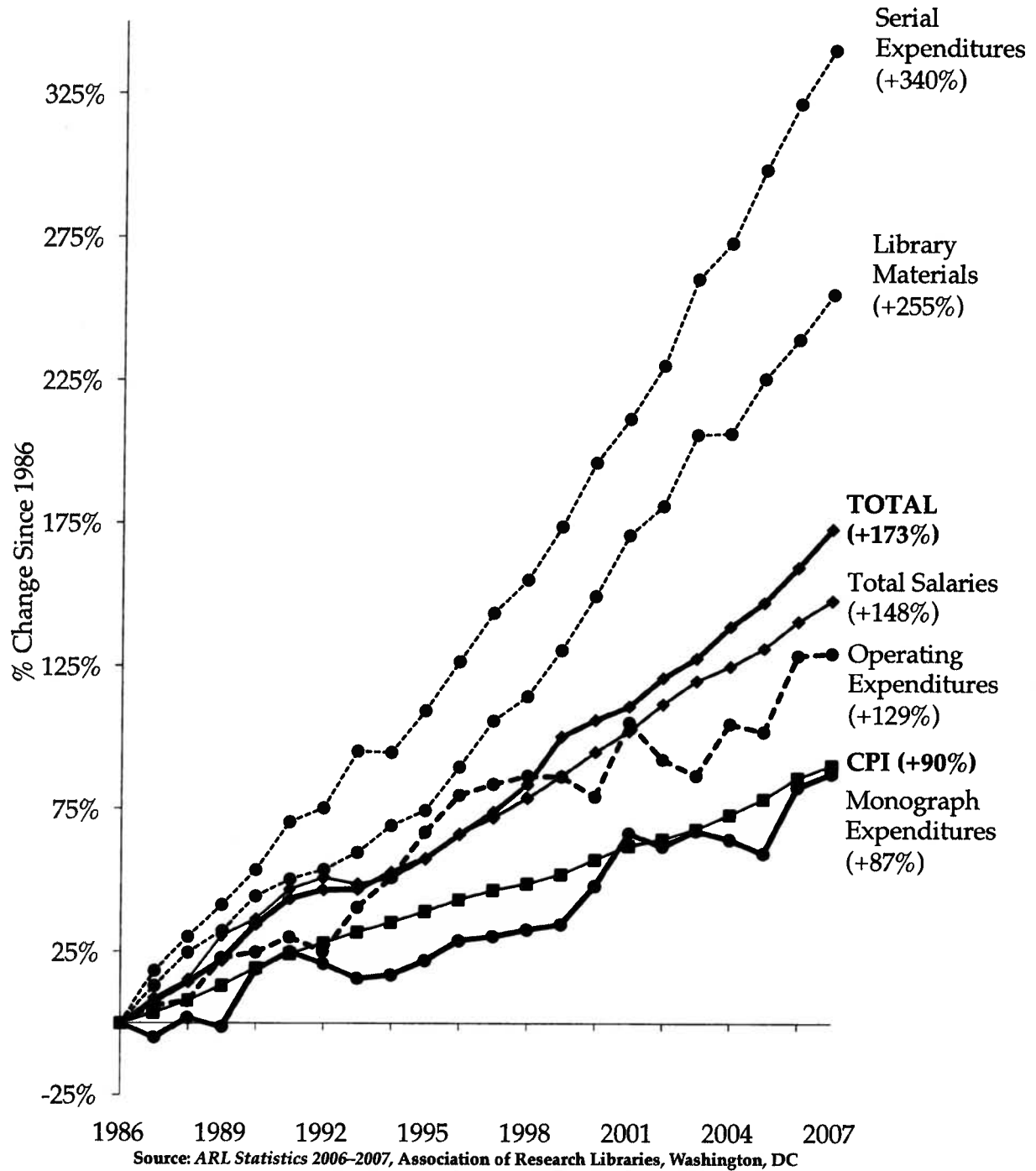


TABLE 5

**RESOURCES PER STUDENT IN ARL UNIVERSITY LIBRARIES, 1986–2007**  
**Median of Ratio Values for Time-Series Trends**

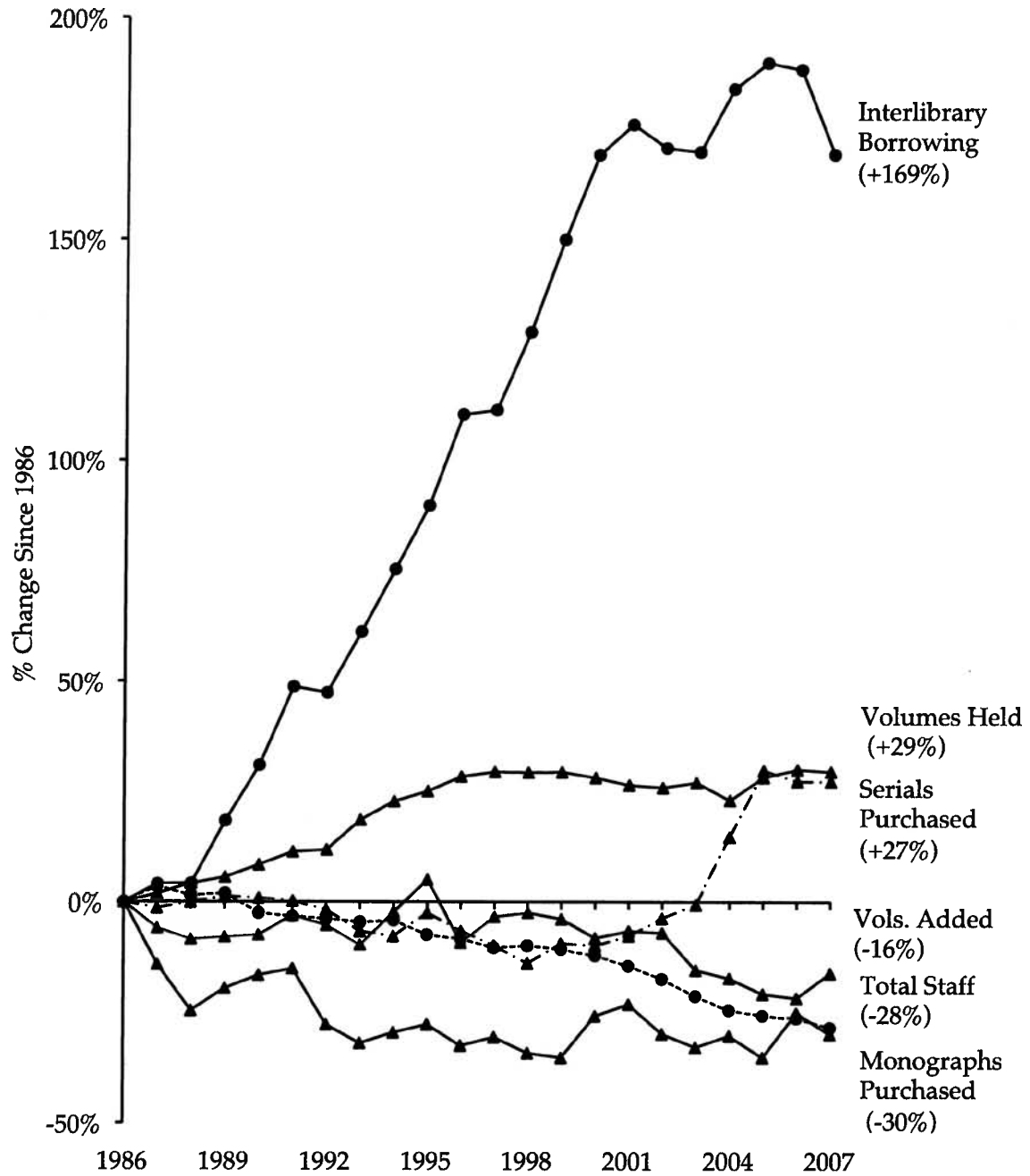
| Year                       | ILL:<br>Borrowed | Volumes<br>Held | Volumes<br>Added (Gross) | Total<br>Staff | Monographs<br>Purchased |
|----------------------------|------------------|-----------------|--------------------------|----------------|-------------------------|
| (Libraries)                | (102)            | (103)           | (103)                    | (103)          | (57)                    |
| 1986                       | 0.42             | 123.18          | 4.17                     | 0.0159         | 2.20                    |
| 1987                       | 0.44             | 125.31          | 3.92                     | 0.0164         | 1.88                    |
| 1988                       | 0.44             | 128.27          | 3.82                     | 0.0161         | 1.66                    |
| 1989                       | 0.50             | 130.04          | 3.84                     | 0.0162         | 1.77                    |
| 1990                       | 0.55             | 133.51          | 3.86                     | 0.0155         | 1.83                    |
| 1991                       | 0.63             | 137.11          | 4.04                     | 0.0154         | 1.86                    |
| 1992                       | 0.62             | 137.68          | 3.95                     | 0.0153         | 1.58                    |
| 1993                       | 0.68             | 146.02          | 3.76                     | 0.0152         | 1.49                    |
| 1994                       | 0.74             | 151.20          | 4.07                     | 0.0152         | 1.55                    |
| 1995                       | 0.80             | 154.00          | 4.37                     | 0.0147         | 1.59                    |
| 1996                       | 0.89             | 158.10          | 3.78                     | 0.0145         | 1.48                    |
| 1997                       | 0.89             | 159.40          | 4.03                     | 0.0142         | 1.52                    |
| 1998                       | 0.97             | 159.24          | 4.06                     | 0.0143         | 1.44                    |
| 1999                       | 1.05             | 159.37          | 4.00                     | 0.0142         | 1.42                    |
| 2000                       | 1.13             | 157.74          | 3.82                     | 0.0139         | 1.63                    |
| 2001                       | 1.16             | 155.71          | 3.89                     | 0.0136         | 1.69                    |
| 2002                       | 1.14             | 155.04          | 3.87                     | 0.0131         | 1.54                    |
| 2003                       | 1.14             | 156.41          | 3.52                     | 0.0125         | 1.47                    |
| 2004                       | 1.20             | 151.49          | 3.45                     | 0.0120         | 1.53                    |
| 2005                       | 1.22             | 157.93          | 3.30                     | 0.0118         | 1.42                    |
| 2006                       | 1.22             | 160.05          | 3.26                     | 0.0117         | 1.64                    |
| 2007                       | 1.13             | 159.49          | 3.49                     | 0.0114         | 1.54                    |
| Average annual<br>% change | 4.8%             | 1.2%            | -0.8%                    | -1.6%          | -1.7%                   |

Over the 22-year period since 1986, ARL libraries are acquiring 30% fewer monographs per student. Libraries reported fewer staff per student in 2006 as compared to 1986: in 2007, there was a median number of 11.4 total staff per 1,000 students, compared to the 1986 figure of 16 per 1,000.



GRAPH 5

RESOURCES PER STUDENT IN ARL UNIVERSITY LIBRARIES, 1986–2007



Source: ARL Statistics 2006–2007, Association of Research Libraries, Washington DC

TABLE 6

## ELECTRONIC RESOURCES EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 2006–2007

|  | Sum           | Number Reporting |
|--|---------------|------------------|
| Expenditures for Computer Files<br>(one-time / monographic purchase)   | \$59,808,658  | 107              |
| Expenditures for Electronic Serials                                    | \$476,225,086 | 111              |
| Expenditures for Bibliographic Utilities, Networks, etc.<br>(Library)  | \$26,771,671  | 101              |
| Expenditures for Bibliographic Utilities, Networks, etc.<br>(External) | \$18,931,797  | 84               |
| Expenditures for Hardware and Software                                 | 75,169,750    | 109              |
| Expenditures for Document Delivery / Interlibrary Loan                 | 12,849,607    | 109              |

Table 6 contains data on several items which previously had been collected only in the *ARL Supplementary Statistics*. These data are especially useful because they reflect monies spent on all electronic serials, while the *ARL Statistics* categories of “serials purchased” and “serials expenditures” include only those journals that provide full-text electronic versions to their subscribers. The Expenditures for Electronic Serials time series may be viewed as an alternative to the Serials Purchased series, both figures reflecting in their own way the influence the electronic serial is gaining in the modern research library.

Not only have electronic materials expenditures grown sharply in the past decade, they have grown at a rate far exceeding that of library materials expenditures overall. As shown in Graph 6, in every year of the last decade electronic materials expenditures have grown sharply, anywhere between two and ten times faster than materials expenditures have.

The average ARL university library now spends just under 47% of its materials budget on electronic materials (Tables 7A and 7B) and 50 ARL libraries report that they spent more than 50% of their materials budget on electronic materials (see Rank Order Table 20).

GRAPH 6

ELECTRONIC RESOURCES VS. TOTAL MATERIALS EXPENDITURES, 1993–2007  
YEARLY INCREASES IN AVERAGE

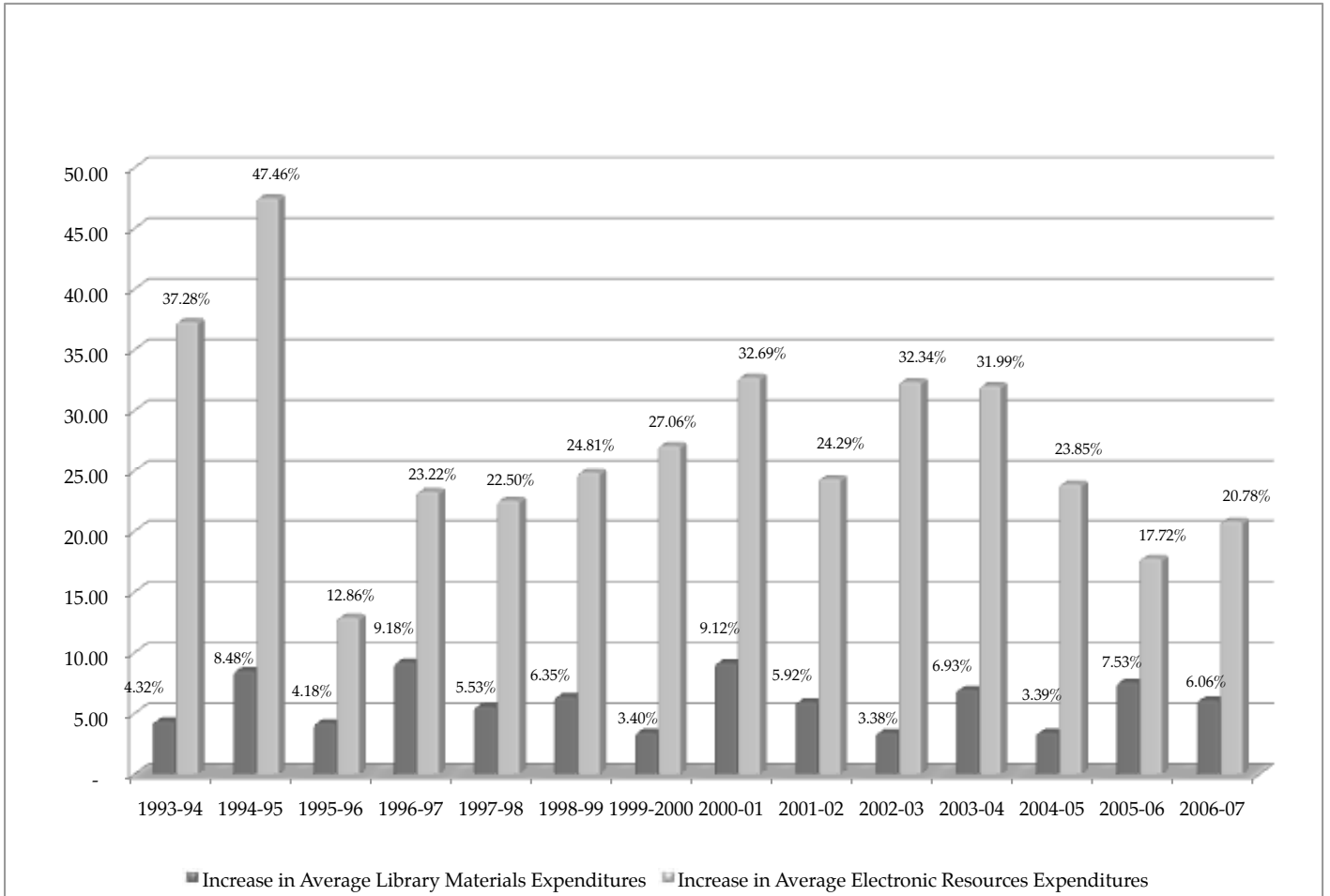


TABLE 7A

## ELECTRONIC RESOURCES AND MATERIALS EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 1992–2002

|   | 1992–1993   | 1993–1994   | 1994–1995   | 1995–1996   | 1996–1997   | 1997–1998   | 1998–1999   | 1999–2000*  | 2000–2001   | 2001–2002*  |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>a. Computer File Expenditures (monographic/online)</b>                             |             |             |             |             |             |             |             |             |             |             |
| <b>Total</b>  | 14,147,625  | 20,132,553  | 22,030,727  | 24,639,822  | 8,013,055   | 11,189,103  | 10,848,219  | 14,727,984  | 15,297,096  | 16,748,194  |
| <b>Average</b>  | 172,532     | 236,854     | 247,536     | 262,126     | 87,098      | 122,957     | 121,890     | 161,846     | 159,345     | 167,482     |
| <b>Median</b>   | 148,158     | 212,936     | 217,988     | 219,178     | 47,932      | 52,311      | 54,024      | 98,657      | 72,070      | 82,566      |
| <b>N</b>  |             | 85          | 89          | 94          | 92          | 91          | 89          | 91          | 96          | 100         |
| <b>b. Electronic Serial Expenditures</b>  |             |             |             |             |             |             |             |             |             |             |
| <b>Total</b>  | N/A         | N/A         | 11,847,577  | 15,170,971  | 40,956,696  | 49,497,141  | 67,124,554  | 84,343,868  | 117,415,618 | 154,418,679 |
| <b>Average</b>  | N/A         | N/A         | 188,057     | 194,500     | 401,536     | 494,971     | 639,281     | 818,873     | 1,118,244   | 1,429,803   |
| <b>Median</b>   | N/A         | N/A         | 156,754     | 172,805     | 355,922     | 426,722     | 571,790     | 736,317     | 992,067     | 1,272,965   |
| <b>N</b>  |             |             | 63          | 78          | 102         | 100         | 105         | 103         | 105         | 108         |
| <b>c. Total Electronic Resources (Total a+b)</b>                                      |             |             |             |             |             |             |             |             |             |             |
| <b>Total</b>  | 14,147,625  | 20,132,553  | 33,878,304  | 39,810,793  | 50,512,984  | 60,686,244  | 77,972,773  | 99,071,852  | 132,712,714 | 171,166,873 |
| <b>Average</b>  | 172,532     | 236,854     | 349,261     | 394,166     | 485,702     | 594,963     | 742,598     | 943,541     | 1,252,007   | 1,556,062   |
| <b>Median</b>   | 148,158     | 212,936     | 278,404     | 332,128     | 420,741     | 495,011     | 645,495     | 931,210     | 1,129,298   | 1,377,874   |
| <b>N</b>  | 82          | 85          | 97          | 101         | 104         | 102         | 105         | 105         | 106         | 110         |
| <b>Total Library Materials Expenditures**</b>   |             |             |             |             |             |             |             |             |             |             |
| <b>Total</b>  | 393,271,073 | 425,287,651 | 526,496,347 | 571,145,986 | 642,123,715 | 664,600,663 | 727,623,160 | 773,321,519 | 828,778,808 | 910,930,849 |
| <b>Average</b>  | 4,795,989   | 5,003,384   | 5,427,797   | 5,654,911   | 6,174,266   | 6,515,692   | 6,929,744   | 7,364,967   | 7,818,668   | 8,281,189   |
| <b>Median</b>   | 4,242,887   | 4,527,122   | 4,714,384   | 4,975,353   | 5,529,606   | 5,643,070   | 5,991,177   | 6,545,146   | 7,028,134   | 7,566,727   |
| <b>N</b>  | 82          | 85          | 97          | 101         | 104         | 102         | 105         | 105         | 106         | 110         |
| <b>Electronic Resources Expenditures as a Percent of Total Materials Expenditures</b> |             |             |             |             |             |             |             |             |             |             |
| <b>Average</b>  | 3.60        | 4.75        | 6.39        | 6.83        | 7.76        | 8.85        | 10.56       | 12.88       | 16.25       | 19.60       |
| <b>Median</b>   | N/A         | 4.45        | 5.33        | 6.42        | 7.51        | 8.29        | 10.18       | 12.75       | 14.80       | 18.15       |
| <b>N</b>  | 82          | 85          | 97          | 101         | 104         | 102         | 105         | 105         | 106         | 110         |
| <b>Expenditures for Bibliographic Utilities, Networks, etc. (External)</b>            |             |             |             |             |             |             |             |             |             |             |
| <b>Total</b>  | N/A         | N/A         | N/A         | N/A         | \$3,827,348 | 4,695,737   | 7,442,962   | 9,523,348   | 14,655,078  | 20,373,560  |
| <b>Average</b>  | N/A         | N/A         | N/A         | N/A         | \$136,691   | 142,295     | 201,161     | 250,614     | 311,810     | 424,449     |
| <b>Median</b>   | N/A         | N/A         | N/A         | N/A         | \$120,096   | 128,795     | 145,280     | 204,598     | 198,289     | 336,690     |
| <b>N</b>  |             |             |             |             | 28          | 33          | 37          | 38          | 47          | 48          |

\*In a recent review of past Supplementary Statistics data, some figures previously published in these columns were found to be incorrect and subsequently revised.

\*\*Figures reflect Materials Expenditures only from those institutions that reported nonzero figures for Total Electronic Resources.

TABLE 7B

## ELECTRONIC RESOURCES AND MATERIALS EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 2002–2006

|   | 2002–2003     | 2003–2004       | 2004–2005       | 2005–2006       | 2006–2007       |
|---|---------------|-----------------|-----------------|-----------------|-----------------|
| <b>a. Computer File Expenditures (monographic/onetime)</b>                            |               |                 |                 |                 |                 |
| <b>Total</b>  | \$23,275,683  | \$32,098,404    | \$38,744,076    | \$48,793,981    | \$59,808,658    |
| <b>Average</b>  | \$225,978     | \$314,690       | \$372,539       | \$478,372       | \$558,959       |
| <b>Median</b>   | \$111,266     | \$191,148       | \$210,576       | \$336,338       | \$352,802       |
| <b>N</b>  | 103           | 102             | 104             | 102             | 107             |
| <b>b. Electronic Serial Expenditures</b>  |               |                 |                 |                 |                 |
| <b>Total</b>  | \$205,300,292 | \$269,601,241   | \$328,166,027   | \$383,127,163   | \$476,225,086   |
| <b>Average</b>  | \$1,849,552   | \$2,450,920     | \$3,038,574     | \$3,547,474     | \$4,290,316     |
| <b>Median</b>   | \$1,649,361   | \$2,348,463     | \$2,824,962     | \$3,349,709     | \$4,240,530     |
| <b>N</b>  | 111           | 110             | 108             | 108             | 111             |
| <b>c. Total Electronic Resources (Total a+b)</b>                                      |               |                 |                 |                 |                 |
| <b>Total</b>  | \$228,575,974 | \$301,699,645   | \$366,910,103   | \$431,921,144   | \$536,033,744   |
| <b>Average</b>  | \$2,059,243   | \$2,718,015     | \$3,366,147     | \$3,962,579     | \$4,786,016     |
| <b>Median</b>   | \$1,775,865   | \$2,705,847     | \$3,144,841     | \$3,792,873     | \$4,661,123     |
| <b>N</b>  | 111           | 111             | 109             | 109             | 112             |
| <b>Total Library Materials Expenditures**</b>   |               |                 |                 |                 |                 |
| <b>Total</b>  | \$950,275,167 | \$1,016,121,605 | \$1,031,619,722 | \$1,031,619,722 | \$1,219,796,179 |
| <b>Average</b>  | \$8,561,038   | \$9,154,249     | \$9,464,401     | \$9,464,401     | \$10,794,656    |
| <b>Median</b>   | \$7,707,153   | \$8,276,175     | \$8,662,668     | \$8,662,668     | \$9,594,560     |
| <b>N</b>  | 111           | 111             | 109             | 109             | 113             |
| <b>Electronic Resources Expenditures as a Percent of Total Materials Expenditures</b> |               |                 |                 |                 |                 |
| <b>Average</b>  | 25.02         | 31.33           | 37.46           | 40.93           | 46.55           |
| <b>Median</b>   | 22.01         | 29.81           | 37.53           | 43.14           | 47.68           |
| <b>N</b>  | 111           | 111             | 109             | 109             | 112             |
| <b>Expenditures for Bibliographic Utilities, Networks, etc. (External)*</b>           |               |                 |                 |                 |                 |
| <b>Total</b>  | \$21,470,716  | \$17,420,520    | \$16,082,790*   | \$15,930,476    | \$18,931,797    |
| <b>Average</b>  | \$438,178     | \$335,010       | \$349,626*      | \$318,610       | \$225,379       |
| <b>Median</b>   | \$250,000     | \$94,837        | \$149,396*      | \$143,649       | \$33,247        |
| <b>N</b>  | 49            | 52              | 46 +            | 50              | 84              |

\*\* Figures reflect Materials Expenditures only from those institutions that reported nonzero figures for Total Electronic Resources.

## ARL STATISTICS INTERACTIVE EDITION

The *ARL Statistics* are available through an interactive edition on the Web, supplementing previously available data from 1992–1993. Maintained and supported by the Geospatial and Statistical Data Center at the University of Virginia, this site offers researchers access to *ARL Statistics* with documentation.<sup>4</sup>

The site offers maps and graphics depicting current library trends. For the particularly adventurous, the site links to an interactive graphics and statistics page, allowing users to manipulate their data queries. One may choose univariate, bivariate, or multivariate statistics in addition to a vast array of selections with which to customize a query. The interactive pages also include options for regional aggregates, customized samples of observations, simple rank order tabulations of data, and the ability to create ratios of any two variables. These and other capabilities are located at <http://fisher.lib.virginia.edu/arl/>.

The ARL Statistics datafiles since 1908 can be retrieved in spreadsheet format from <http://www.arl.org/stats/annualsurveys/arlstats/mrstat.shtml>.

The ARL Statistics and Measurement Program Web site is located at <http://www.arl.org/stats/>.

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<sup>4</sup> For more information on the *ARL Statistics* Interactive Edition, see Martha Kyrillidou, "To Describe and Measure the Performance of North American Research Libraries," *IFLA Journal* 27 (2001): 257–63.

**ARL LIBRARY DATA TABLES**  
**2006–2007**

## COLLECTIONS PART 1

|                           |        | Volumes<br>In Library | Volumes<br>Added<br>(Gross) | Volumes<br>Added<br>(Net) | Monographs<br>Purchased<br>(Volumes) | Current Serials<br>Total |
|---------------------------|--------|-----------------------|-----------------------------|---------------------------|--------------------------------------|--------------------------|
| (Survey Question Number)  |        | (1)                   | (1b.i)                      | (1b)                      | (2)                                  | (4)                      |
| INSTITUTION               | Notes  |                       |                             |                           |                                      |                          |
| ALABAMA                   | bGLM+  | 2,835,808             | 46,035                      | 38,877                    | 22,903                               | 44,079                   |
| ALBERTA                   | G+     | 6,720,775             | 269,948                     | 256,955                   | UA/NA                                | 45,110                   |
| ARIZONA                   | bGLM+  | 5,632,559             | 82,344                      | -34,354                   | 38,670                               | 75,181                   |
| ARIZONA STATE             | BGL+   | 4,342,425             | 93,623                      | 83,215                    | 61,036                               | 82,862                   |
| AUBURN                    | G+     | 3,016,986             | 34,484                      | 32,707                    | 16,548                               | 36,635                   |
| BOSTON                    | LM+    | 2,463,324             | 47,105                      | 13,767                    | 14,514                               | 45,264                   |
| BOSTON COLLEGE            | bL+    | 2,446,744             | 50,137                      | 33,210                    | 31,328                               | 31,714                   |
| BRIGHAM YOUNG             | GL+    | 3,908,127             | 184,608                     | 169,280                   | 138,172                              | 54,183                   |
| BRITISH COLUMBIA          | G+     | 5,929,597             | 109,070                     | 109,070                   | UA/NA                                | 67,827                   |
| BROWN                     | bG+    | 3,720,244             | 74,085                      | 72,267                    | 51,967                               | 54,050                   |
| CALIFORNIA, BERKELEY      | GL+    | 10,725,334            | 202,625                     | 187,748                   | UA/NA                                | 87,265                   |
| CALIFORNIA, DAVIS         | GLM+   | 3,599,983             | 81,543                      | 50,979                    | UA/NA                                | 42,592                   |
| CALIFORNIA, IRVINE        | bGM+   | 2,778,921             | 65,290                      | 64,127                    | 33,907                               | 47,668                   |
| CALIFORNIA, LOS ANGELES   | GLM+   | 8,272,112             | 131,198                     | 114,930                   | 57,260                               | 76,248                   |
| CALIFORNIA, RIVERSIDE     | G+     | 2,483,202             | 50,266                      | 47,906                    | 47,706                               | 44,025                   |
| CALIFORNIA, SAN DIEGO     | bGM+   | 3,360,442             | 130,258                     | 80,703                    | 41,290                               | 37,385                   |
| CALIFORNIA, SANTA BARBARA |        | 2,914,539             | 37,484                      | 34,245                    | 24,639                               | 35,544                   |
| CASE WESTERN RESERVE      | bGLM+  | 2,518,324             | 27,987                      | 22,555                    | 136,128                              | 54,252                   |
| CHICAGO                   | bGLM+  | 7,926,905             | 191,311                     | 161,322                   | 135,798                              | 57,236                   |
| CINCINNATI                | GLM+   | 3,418,599             | 94,815                      | 80,446                    | 40,340                               | 69,609                   |
| COLORADO                  | bGL+   | 3,843,458             | 99,592                      | 86,491                    | 31,903                               | 50,350                   |
| COLORADO STATE            | G+     | 2,066,079             | 65,234                      | 62,389                    | 32,245                               | 32,678                   |
| COLUMBIA                  | GLM+   | 10,004,848            | 229,439                     | 206,459                   | 107,984                              | 119,637                  |
| CONNECTICUT               | BGLM+  | 3,637,190             | 41,666                      | 7,613                     | 21,740                               | 51,007                   |
| CORNELL                   | BGL+   | 7,999,177             | 128,113                     | 117,509                   | UA/NA                                | 92,000                   |
| DARTMOUTH                 | GM+    | 2,732,831             | 50,168                      | 42,436                    | 29,934                               | 51,936                   |
| DELAWARE                  | +      | 2,741,215             | 38,010                      | 36,229                    | 374,508                              | 21,931                   |
| DUKE                      | bLM+   | 5,872,136             | 98,905                      | 86,640                    | 66,344                               | 47,122                   |
| EMORY                     | BGLM+  | 3,298,971             | 94,667                      | 72,835                    | 47,005                               | 54,218                   |
| FLORIDA                   | BbLM+  | 4,229,717             | 59,624                      | 52,595                    | 51,053                               | 73,747                   |
| FLORIDA STATE             | BbGLM+ | 3,442,420             | 62,369                      | 41,998                    | 44,117                               | 51,733                   |
| GEORGE WASHINGTON         | GLM+   | 2,219,849             | 46,166                      | 22,205                    | 27,928                               | 65,604                   |
| GEORGETOWN                | bGLM+  | 2,955,278             | 91,987                      | 77,716                    | 35,260                               | 53,697                   |
| GEORGIA                   | GL+    | 4,559,220             | 75,494                      | 73,042                    | 161,183                              | 80,976                   |
| GEORGIA TECH              | G+     | 2,487,554             | 41,220                      | 38,231                    | 7,460                                | 40,887                   |
| GUELPH                    | BG+    | 1,578,968             | 29,071                      | 21,226                    | UA/NA                                | 11,787                   |
| HARVARD                   | GLM+   | 15,965,675            | 347,049                     | 22,597                    | UA/NA                                | 110,463                  |
| HAWAII                    | GLM+   | 3,486,937             | 56,308                      | 52,401                    | 28,685                               | 58,111                   |
| HOUSTON                   | bL+    | 2,558,069             | 79,824                      | 53,833                    | 65,962                               | 42,812                   |
| HOWARD                    | bGLM+  | 2,467,638             | 33,864                      | 31,475                    | 2,985                                | 16,627                   |
| ILLINOIS, CHICAGO         | M+     | 2,363,705             | 48,051                      | 38,848                    | 28,776                               | 35,006                   |
| ILLINOIS, URBANA          | bGL+   | 10,712,706            | 196,882                     | 190,761                   | 70,124                               | 107,666                  |



COLLECTIONS PART 1

| Current Serials<br>Purchased | Current Serials<br>Purchased<br>Electronic | Current Serials<br>Purchased<br>Print | Current Serials<br>Not Purchased | Current Serials<br>Not Purchased<br>Electronic | Current Serials<br>Not Purchased<br>Print |                           |
|------------------------------|--|---------------------------------------|----------------------------------|--|---|---------------------------|
| (4a)                         | (4a.i)                                     | (4a.ii)                               | (4b)                             | (4b.i)   | (4b.ii)                                   | (Survey Question Number)  |
| INSTITUTION                  |  |                                       |                                  |  |   |                           |
| 36,110                       | 31,820                                     | 4,290                                 | 7,969                            | 7,643  | 326                                       | ALABAMA                   |
| 31,541                       | 20,853                                     | 10,688                                | 13,569                           | UA/NA  | UA/NA                                     | ALBERTA                   |
| 72,710                       | 63,982                                     | 8,728                                 | 2,471                            | 20   | 2,451                                     | ARIZONA                   |
| 65,586                       | 54,726                                     | 10,860                                | 17,276                           | 7,260  | 10,016                                    | ARIZONA STATE             |
| 15,308                       | 13,850                                     | 1,458                                 | 21,327                           | 20,527   | 800                                       | AUBURN                    |
| 42,924                       | 35,233                                     | 7,691                                 | 2,340                            | 2,270  | 70  | BOSTON                    |
| 23,671                       | 17,302                                     | 6,369                                 | 8,043                            | 7,866  | 177                                       | BOSTON COLLEGE            |
| 45,796                       | 24,101                                     | 21,695                                | 8,387                            | 4,149  | 4,238                                     | BRIGHAM YOUNG             |
| 67,827                       | 48,020                                     | 19,807                                | 0                                | UA/NA  | UA/NA                                     | BRITISH COLUMBIA          |
| 36,678                       | 34,550                                     | 2,128                                 | 17,372                           | 17,340   | 32  | BROWN                     |
| 81,551                       | 36,394                                     | 45,157                                | 5,714                            | 74   | 5,640                                     | CALIFORNIA, BERKELEY      |
| 33,390                       | 22,534                                     | 10,856                                | 9,202                            | 4,721  | 4,481                                     | CALIFORNIA, DAVIS         |
| 31,395                       | 27,250                                     | 4,145                                 | 16,273                           | 15,371   | 902                                       | CALIFORNIA, IRVINE        |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | CALIFORNIA, LOS ANGELES   |
| 32,557                       | 29,237                                     | 3,320                                 | 11,468                           | 7,133  | 4,335                                     | CALIFORNIA, RIVERSIDE     |
| 26,582                       | 21,287                                     | 5,295                                 | 10,803                           | 8,347  | 2,456                                     | CALIFORNIA, SAN DIEGO     |
| 24,198                       | 16,962                                     | 7,236                                 | 11,346                           | 4,672  | 6,674                                     | CALIFORNIA, SANTA BARBARA |
| 48,726                       | 42,993                                     | 5,733                                 | 5,526                            | 3,079  | 2,447                                     | CASE WESTERN RESERVE      |
| 34,453                       | 21,108                                     | 13,345                                | 22,783                           | 13,900   | 8,883                                     | CHICAGO                   |
| 67,409                       | 58,220                                     | 9,189                                 | 2,200                            | 1,752  | 448                                       | CINCINNATI                |
| 33,342                       | 32,164                                     | 1,178                                 | 17,008                           | 17,008   | 0   | COLORADO                  |
| 20,366                       | 18,454                                     | 1,912                                 | 12,312                           | 10,980   | 1,332                                     | COLORADO STATE            |
| 86,802                       | 61,715                                     | 25,087                                | 32,835                           | 16,520   | 16,315                                    | COLUMBIA                  |
| 24,477                       | 17,303                                     | 7,174                                 | 26,530                           | 25,645   | 885                                       | CONNECTICUT               |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | CORNELL                   |
| 46,380                       | 39,199                                     | 7,181                                 | 5,556                            | 3,247  | 2,309                                     | DARTMOUTH                 |
| 16,918                       | 11,843                                     | 5,075                                 | 5,013                            | 3,509  | 1,504                                     | DELAWARE                  |
| 46,965                       | 34,746                                     | 12,219                                | 157                              | UA/NA  | UA/NA                                     | DUKE                      |
| 39,113                       | 28,006                                     | 11,107                                | 15,105                           | 7,683  | 7,422                                     | EMORY                     |
| 56,302                       | 31,763                                     | 24,539                                | 17,445                           | 13,411   | 4,034                                     | FLORIDA                   |
| 49,903                       | 42,526                                     | 7,377                                 | 1,830                            | 0  | 1,830                                     | FLORIDA STATE             |
| 58,795                       | 42,991                                     | 15,804                                | 6,809                            | 6,620  | 189                                       | GEORGE WASHINGTON         |
| 48,460                       | 37,277                                     | 11,183                                | 5,237                            | 4,244  | 993                                       | GEORGETOWN                |
| 50,849                       | 42,558                                     | 8,291                                 | 30,127                           | 25,866   | 4,261                                     | GEORGIA                   |
| 12,755                       | 8,365                                      | 4,390                                 | 28,132                           | 13,121   | 15,011                                    | GEORGIA TECH              |
| 11,287                       | 8,976                                      | 2,311                                 | 500                              | UA/NA  | UA/NA                                     | GUELPH                    |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | HARVARD                   |
| 38,993                       | 25,325                                     | 13,668                                | 19,118                           | 11,651   | 7,467                                     | HAWAII                    |
| 39,382                       | 24,316                                     | 15,066                                | 3,430                            | 8  | 3,422                                     | HOUSTON                   |
| 13,442                       | 5,740                                      | 7,702                                 | 3,185                            | 1,705  | 1,480                                     | HOWARD                    |
| 31,841                       | 24,747                                     | 7,094                                 | 3,165                            | 3,165  | 0   | ILLINOIS, CHICAGO         |
| 98,511                       | 66,389                                     | 32,122                                | 9,155                            | 6,236  | 2,919                                     | ILLINOIS, URBANA          |

# COLLECTIONS PART 1

|                          |        | Volumes<br>In Library | Volumes<br>Added<br>(Gross) | Volumes<br>Added<br>(Net) | Monographs<br>Purchased<br>(Volumes) | Current Serials<br>Total |
|--------------------------|--------|-----------------------|-----------------------------|---------------------------|--------------------------------------|--------------------------|
| (Survey Question Number) |        | (1)                   | (1b.i)                      | (1b)                      | (2)                                  | (4)                      |
| INSTITUTION              | Notes  |                       |                             |                           |                                      |                          |
| INDIANA                  | +      | 7,553,823             | 196,277                     | 179,039                   | 59,972                               | 57,534                   |
| IOWA                     | bLM+   | 4,765,690             | 184,240                     | 167,210                   | 46,293                               | 59,380                   |
| IOWA STATE               | G+     | 2,500,880             | 44,550                      | 27,805                    | 28,620                               | 58,443                   |
| JOHNS HOPKINS            | BGM+   | 3,726,532             | 59,052                      | 48,890                    | 30,661                               | 91,851                   |
| KANSAS                   | BbGLM+ | 4,210,639             | 62,438                      | 16,356                    | 75,980                               | 48,212                   |
| KENT STATE               | BbG+   | 2,809,479             | 55,279                      | 51,155                    | 12,338                               | 17,093                   |
| KENTUCKY                 | GLM+   | 3,537,710             | 85,561                      | 81,374                    | 59,041                               | 44,610                   |
| LAVAL                    | G+     | 2,834,119             | 61,874                      | 48,909                    | 37,034                               | 32,158                   |
| LOUISIANA STATE          | GLM+   | 3,548,726             | 54,400                      | 23,800                    | 67,754                               | 86,026                   |
| LOUISVILLE               | BGLM+  | 2,143,282             | 63,740                      | 61,462                    | 10,562                               | 39,268                   |
| MCGILL                   | BbG+   | 4,143,904             | 184,910                     | 156,654                   | 78,339                               | 54,490                   |
| MCMASTER                 | GM+    | 2,019,006             | 18,107                      | 13,726                    | UA/NA                                | 41,216                   |
| MANITOBA                 | G+     | 2,235,944             | 52,240                      | 45,640                    | 37,773                               | 29,800                   |
| MARYLAND                 |        | 3,623,376             | 159,099                     | 122,322                   | 45,368                               | 60,117                   |
| MASSACHUSETTS            | G+     | 3,529,419             | 190,568                     | 189,840                   | 16,226                               | 16,488                   |
| MIT                      | G+     | 2,847,680             | 43,372                      | 40,112                    | 22,899                               | 22,280                   |
| MIAMI                    | GLM+   | 3,227,943             | 70,498                      | 61,268                    | 38,779                               | 62,621                   |
| MICHIGAN                 | GLM+   | 8,414,070             | 157,552                     | 141,020                   | 134,362                              | 71,788                   |
| MICHIGAN STATE           | GL+    | 4,915,621             | 66,906                      | 51,018                    | 32,847                               | 74,177                   |
| MINNESOTA                | bGLM+  | 6,867,777             | 137,273                     | 122,790                   | 43,049                               | 77,446                   |
| MISSOURI                 | L+     | 3,454,585             | 64,014                      | 57,410                    | 39,239                               | 52,490                   |
| MONTREAL                 | GLM+   | 3,150,386             | 74,411                      | 60,097                    | 51,742                               | 54,265                   |
| NEBRASKA                 | GL+    | 3,171,134             | 65,994                      | 57,661                    | 15,233                               | 41,034                   |
| NEW MEXICO               | GLM+   | 2,707,830             | 62,075                      | 32,748                    | 24,136                               | 40,374                   |
| NEW YORK                 | bGLM+  | 4,946,277             | 100,043                     | 65,171                    | 73,089                               | 58,968                   |
| NORTH CAROLINA           | GLM+   | 6,154,365             | 138,562                     | 126,306                   | 69,102                               | 56,647                   |
| NORTH CAROLINA STATE     | G+     | 3,857,365             | 172,583                     | 169,632                   | 26,560                               | 53,404                   |
| NORTHWESTERN             | BGLM+  | 4,768,588             | 92,004                      | 80,760                    | 42,066                               | 64,888                   |
| NOTRE DAME               | bGL+   | 3,322,395             | 79,540                      | 75,427                    | 45,192                               | 68,038                   |
| OHIO                     | BbG+   | 2,913,522             | 83,258                      | 55,113                    | 34,121                               | 39,297                   |
| OHIO STATE               | bGLM+  | 6,244,095             | 115,400                     | 35,194                    | 68,746                               | 68,550                   |
| OKLAHOMA                 | GLM+   | 5,047,646             | 131,123                     | 129,295                   | 31,528                               | 55,815                   |
| OKLAHOMA STATE           | BGM+   | 2,789,236             | 79,930                      | 77,981                    | 27,469                               | 56,261                   |
| OREGON                   | bGL+   | 2,905,608             | 62,013                      | 56,911                    | 21,613                               | 62,348                   |
| PENNSYLVANIA             | GLM+   | 5,994,465             | 107,078                     | 91,082                    | UA/NA                                | 84,182                   |
| PENNSYLVANIA STATE       | BGLM+  | 5,220,080             | 185,622                     | 150,226                   | 94,929                               | 68,876                   |
| PITTSBURGH               | BGLM+  | 5,116,305             | 217,345                     | 207,041                   | UA/NA                                | 48,637                   |
| PRINCETON                | b+     | 6,778,675             | 169,135                     | 160,211                   | 95,534                               | 41,120                   |
| PURDUE                   | G+     | 2,504,803             | 52,779                      | -6,294                    | 16,809                               | 40,073                   |
| QUEENS                   | LM+    | 2,517,328             | 48,389                      | 40,191                    | 26,355                               | 39,823                   |
| RICE                     | G+     | 2,518,659             | 45,481                      | 44,307                    | 35,828                               | 66,473                   |
| ROCHESTER                | bM+    | 3,672,976             | 34,715                      | 29,486                    | 22,172                               | 27,240                   |

COLLECTIONS PART 1

| Current Serials<br>Purchased | Current Serials<br>Purchased<br>Electronic | Current Serials<br>Purchased<br>Print | Current Serials<br>Not Purchased | Current Serials<br>Not Purchased<br>Electronic | Current Serials<br>Not Purchased<br>Print |                          |
|------------------------------|--|---------------------------------------|----------------------------------|--|---|--------------------------|
| (4a)                         | (4a.i)                                     | (4a.ii)                               | (4b)                             | (4b.i)   | (4b.ii)                                   | (Survey Question Number) |
| INSTITUTION                  |  |                                       |                                  |  |   |                          |
| 51,326                       | 29,051                                     | 22,275                                | 6,208                            | 2,986  | 3,222                                     | INDIANA                  |
| 41,388                       | 24,130                                     | 17,258                                | 17,992                           | 14,348   | 3,644                                     | IOWA                     |
| 41,833                       | 31,820                                     | 10,013                                | 16,610                           | 13,266   | 3,344                                     | IOWA STATE               |
| 54,944                       | UA/NA                                      | UA/NA                                 | 36,907                           | UA/NA  | UA/NA                                     | JOHNS HOPKINS            |
| 34,138                       | 25,863                                     | 8,275                                 | 14,074                           | 8,230  | 5,844                                     | KANSAS                   |
| 11,592                       | UA/NA                                      | UA/NA                                 | 5,501                            | UA/NA  | UA/NA                                     | KENT STATE               |
| 28,116                       | 24,679                                     | 3,437                                 | 16,494                           | 9,784  | 6,710                                     | KENTUCKY                 |
| 24,293                       | 19,420                                     | 4,873                                 | 7,865                            | 6,180  | 1,685                                     | LAVAL                    |
| 72,876                       | 71,003                                     | 1,873                                 | 13,150                           | 13,106   | 44  | LOUISIANA STATE          |
| 39,268                       | 26,209                                     | 13,059                                | 0                                | UA/NA  | UA/NA                                     | LOUISVILLE               |
| 42,493                       | 33,025                                     | 9,468                                 | 11,997                           | 7,472  | 4,525                                     | MCGILL                   |
| 30,870                       | 27,415                                     | 3,455                                 | 10,346                           | 8,975  | 1,371                                     | MCMASTER                 |
| 19,939                       | 16,287                                     | 3,652                                 | 9,861                            | 7,567  | 2,294                                     | MANITOBA                 |
| 52,268                       | 45,171                                     | 7,097                                 | 7,849                            | 7,843  | 6   | MARYLAND                 |
| 9,757                        | 3,785                                      | 5,972                                 | 6,731                            | 6,259  | 472                                       | MASSACHUSETTS            |
| 11,791                       | 4,996                                      | 6,795                                 | 10,489                           | 3,134  | 7,355                                     | MIT                      |
| 58,494                       | 52,989                                     | 5,505                                 | 4,127                            | 3,650  | 477                                       | MIAMI                    |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | MICHIGAN                 |
| 53,094                       | 44,012                                     | 9,082                                 | 21,083                           | 9,547  | 11,536                                    | MICHIGAN STATE           |
| 50,238                       | 29,486                                     | 20,752                                | 27,208                           | 16,467   | 10,741                                    | MINNESOTA                |
| 43,490                       | 16,620                                     | 26,870                                | 9,000                            | 8,177  | 823                                       | MISSOURI                 |
| 45,657                       | 37,905                                     | 7,752                                 | 8,608                            | 4,241  | 4,367                                     | MONTREAL                 |
| 31,767                       | 24,403                                     | 7,364                                 | 9,267                            | 2,790  | 6,477                                     | NEBRASKA                 |
| 26,834                       | 20,982                                     | 5,852                                 | 13,540                           | 13,028   | 512                                       | NEW MEXICO               |
| 40,981                       | 32,363                                     | 8,618                                 | 17,987                           | 9,811  | 8,176                                     | NEW YORK                 |
| 30,842                       | 21,491                                     | 9,351                                 | 25,805                           | 6,378  | 19,427                                    | NORTH CAROLINA           |
| 20,827                       | 17,206                                     | 3,621                                 | 32,577                           | 23,725   | 8,852                                     | NORTH CAROLINA STATE     |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | NORTHWESTERN             |
| 52,715                       | 45,363                                     | 7,352                                 | 15,323                           | 0  | 0   | NOTRE DAME               |
| 25,702                       | 22,621                                     | 3,081                                 | 13,595                           | 13,359   | 236                                       | OHIO                     |
| 59,839                       | 50,860                                     | 8,979                                 | 8,711                            | 3,285  | 5,426                                     | OHIO STATE               |
| 45,523                       | 40,794                                     | 4,729                                 | 10,292                           | 9,100  | 1,192                                     | OKLAHOMA                 |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | OKLAHOMA STATE           |
| 46,903                       | 40,725                                     | 6,178                                 | 15,445                           | 14,287   | 1,158                                     | OREGON                   |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | PENNSYLVANIA             |
| 56,007                       | 41,038                                     | 14,969                                | 12,869                           | 1,185  | 11,684                                    | PENNSYLVANIA STATE       |
| 43,243                       | 35,549                                     | 7,694                                 | 5,394                            | 3,922  | 1,472                                     | PITTSBURGH               |
| 40,385                       | 28,811                                     | 11,574                                | 735                              | 643  | 92  | PRINCETON                |
| 30,634                       | 27,517                                     | 3,117                                 | 9,439                            | 5,232  | 4,207                                     | PURDUE                   |
| 33,113                       | 25,101                                     | 8,012                                 | 6,710                            | 6,181  | 529                                       | QUEENS                   |
| 53,811                       | 50,160                                     | 3,651                                 | 12,662                           | 12,177   | 485                                       | RICE                     |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | ROCHESTER                |

# COLLECTIONS PART 1

|                          |        | Volumes<br>In Library | Volumes<br>Added<br>(Gross) | Volumes<br>Added<br>(Net) | Monographs<br>Purchased<br>(Volumes) | Current Serials<br>Total |
|--------------------------|--------|-----------------------|-----------------------------|---------------------------|--------------------------------------|--------------------------|
| (Survey Question Number) | (1)    | (1b.i)                | (1b)                        | (2)                       | (4)                                  |                          |
| INSTITUTION              | Notes  |                       |                             |                           |                                      |                          |
| RUTGERS                  | BGL+   | 4,462,249             | 100,692                     | 88,427                    | 47,436                               | 54,450                   |
| SASKATCHEWAN             | LM+    | 2,367,250             | 63,731                      | 20,017                    | 22,471                               | 34,920                   |
| SOUTH CAROLINA           | LM+    | 3,579,504             | 54,301                      | 47,966                    | 21,300                               | 51,540                   |
| SOUTHERN CALIFORNIA      | BGLM+  | 4,039,228             | 73,605                      | 70,300                    | 45,731                               | 89,971                   |
| SOUTHERN ILLINOIS        | bLM+   | 3,073,665             | 29,439                      | 18,919                    | 11,717                               | 39,221                   |
| SUNY-ALBANY              | G+     | 2,156,476             | 45,500                      | 27,373                    | 17,475                               | 35,466                   |
| SUNY-BUFFALO             | GLM+   | 3,655,089             | 54,272                      | 48,464                    | 37,565                               | 71,234                   |
| SUNY-STONY BROOK         | M+     | 2,240,758             | 27,297                      | 11,937                    | 10,298                               | 38,747                   |
| SYRACUSE                 | GL+    | 3,160,240             | 30,294                      | -20,187                   | 17,998                               | 23,285                   |
| TEMPLE                   | BbGLM+ | 3,137,142             | 66,014                      | 65,031                    | 62,027                               | 51,198                   |
| TENNESSEE                | BbGLM+ | 3,251,893             | 78,738                      | 68,712                    | 35,889                               | 44,337                   |
| TEXAS                    | GL+    | 9,323,252             | 114,833                     | 94,787                    | 59,852                               | 56,097                   |
| TEXAS A&M                | BG+    | 3,739,081             | 164,566                     | 157,855                   | 107,691                              | 51,797                   |
| TEXAS TECH               | BLM+   | 2,578,185             | 58,178                      | 52,228                    | 37,790                               | 70,114                   |
| TORONTO                  | BL+    | 10,719,219            | 232,020                     | 199,906                   | 134,006                              | 47,916                   |
| TULANE                   | BLM+   | 3,106,645             | 44,108                      | 41,420                    | 38,966                               | 34,820                   |
| UTAH                     | LM+    | 3,320,167             | 69,759                      | 65,458                    | UA/NA                                | 45,830                   |
| VANDERBILT               | GLM+   | 3,311,665             | 58,102                      | 47,434                    | 32,671                               | 44,199                   |
| VIRGINIA                 | GLM+   | 5,465,077             | 88,756                      | -1,084                    | 101,201                              | 82,440                   |
| VIRGINIA TECH            | G+     | 2,299,426             | 35,265                      | 30,807                    | 26,410                               | 35,596                   |
| WASHINGTON               | GLM+   | 7,304,234             | 221,816                     | 193,169                   | 62,616                               | 61,272                   |
| WASHINGTON STATE         | BG+    | 2,294,761             | 26,922                      | 16,976                    | 17,719                               | 37,648                   |
| WASHINGTON U.-ST. LOUIS  | GLM+   | 4,162,980             | 58,602                      | 46,738                    | 26,144                               | 49,970                   |
| WATERLOO                 | G+     | 2,224,282             | 188,964                     | 169,151                   | 180,470                              | 21,706                   |
| WAYNE STATE              | G+     | 3,458,773             | 35,959                      | 15,526                    | 16,271                               | 43,559                   |
| WESTERN ONTARIO          | GL+    | 3,362,078             | 52,753                      | 51,753                    | 92,700                               | 56,223                   |
| WISCONSIN                | GLM+   | 7,916,419             | 116,200                     | 87,783                    | 57,383                               | 54,164                   |
| YALE                     | GLM+   | 12,283,594            | 254,999                     | 251,071                   | 180,163                              | 89,649                   |
| YORK                     | BG+    | 2,733,807             | 44,626                      | 36,327                    | 29,813                               | 38,714                   |
| BOSTON PUBLIC            | G      | 7,631,990             | 384,434                     | 205,736                   | 192,362                              | 7,149                    |
| CISTI                    | G+     | 8,161,218             | 16,060                      | 11,695                    | 16,811                               | 15,000                   |
| CENTER FOR RESEARCH LIBS | G+     | 2,218,290             | 7,912                       | 7,933                     | 4,320                                | UA/NA                    |
| LIBRARY OF CONGRESS      | bG+    | 29,864,066            | 522,446                     | 502,199                   | 132,176                              | 158,100                  |
| NATL AGRICULTURAL LIB    | G+     | 2,427,420             | 12,416                      | 9,532                     | 3,290                                | 13,328                   |
| LIB & ARCHIVES CANADA    | G+     | 9,416,380             | UA/NA                       | UA/NA                     | 10,258                               | 43,881                   |
| NATL LIB OF MEDICINE     | +      | 2,558,973             | 36,725                      | 26,915                    | 14,869                               | 21,317                   |
| NEW YORK PUBLIC          | bG+    | 8,956,417             | 128,196                     | 128,196                   | 80,837                               | 116,640                  |
| NEW YORK STATE           | +      | 2,688,689             | 25,738                      | 25,715                    | 8,543                                | 37,095                   |
| SMITHSONIAN              | b+     | 1,566,708             | 15,385                      | 15,385                    | 5,127                                | 4,522                    |

+ - See Footnotes

L - Includes Law library

M- Includes Medical library

G - Government documents not included in serials count

B - Includes branch campuses

b - Basis of volume count is bibliographic

U / A - Unavailable

N / A - Not Applicable

## COLLECTIONS PART 1

| Current Serials<br>Purchased | Current Serials<br>Purchased<br>Electronic | Current Serials<br>Purchased<br>Print | Current Serials<br>Not Purchased | Current Serials<br>Not Purchased<br>Electronic | Current Serials<br>Not Purchased<br>Print |                          |
|------------------------------|--|---------------------------------------|----------------------------------|--|---|--------------------------|
| (4a)                         | (4a.i)                                     | (4a.ii)                               | (4b)                             | (4b.i)   | (4b.ii)                                   | (Survey Question Number) |
| INSTITUTION                  |  |                                       |                                  |  |   |                          |
| 40,777                       | 33,864                                     | 6,913                                 | 13,673                           | 13,183   | 490                                       | RUTGERS                  |
| 26,420                       | 23,536                                     | 2,884                                 | 8,500                            | 8,077  | 423                                       | SASKATCHEWAN             |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | SOUTH CAROLINA           |
| 66,328                       | 48,636                                     | 17,692                                | 23,643                           | 10,921   | 12,722                                    | SOUTHERN CALIFORNIA      |
| 30,924                       | 27,014                                     | 3,910                                 | 8,297                            | 7,903  | 394                                       | SOUTHERN ILLINOIS        |
| 27,988                       | 16,292                                     | 11,696                                | 7,478                            | 4,849  | 2,629                                     | SUNY-ALBANY              |
| 59,457                       | 51,274                                     | 8,183                                 | 11,777                           | 3,646  | 8,131                                     | SUNY-BUFFALO             |
| 33,847                       | 26,258                                     | 7,589                                 | 4,900                            | 4,796  | 104                                       | SUNY-STONY BROOK         |
| 20,232                       | 17,780                                     | 2,452                                 | 3,053                            | 2,004  | 1,049                                     | SYRACUSE                 |
| 41,687                       | 36,266                                     | 5,421                                 | 9,511                            | 9,358  | 153                                       | TEMPLE                   |
| 27,923                       | 22,246                                     | 5,677                                 | 16,414                           | 9,440  | 6,974                                     | TENNESSEE                |
| 33,354                       | 21,648                                     | 11,706                                | 22,743                           | 11,357   | 11,386                                    | TEXAS                    |
| 34,409                       | 30,028                                     | 4,381                                 | 17,388                           | 12,594   | 4,794                                     | TEXAS A&M                |
| 58,320                       | 54,183                                     | 4,137                                 | 11,794                           | 11,535   | 259                                       | TEXAS TECH               |
| 39,847                       | 20,357                                     | 19,490                                | 8,069                            | 6,068  | 2,001                                     | TORONTO                  |
| 33,307                       | 22,759                                     | 10,548                                | 1,513                            | 795  | 718                                       | TULANE                   |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | UTAH                     |
| 32,912                       | 24,426                                     | 8,486                                 | 11,287                           | 10,475   | 812                                       | VANDERBILT               |
| 44,652                       | 37,588                                     | 7,064                                 | 37,788                           | 32,064   | 5,724                                     | VIRGINIA                 |
| 30,576                       | 29,085                                     | 1,491                                 | 5,020                            | 4,565  | 455                                       | VIRGINIA TECH            |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | WASHINGTON               |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | WASHINGTON STATE         |
| 38,994                       | 32,516                                     | 6,478                                 | 10,976                           | 8,296  | 2,680                                     | WASHINGTON U.-ST. LOUIS  |
| 20,738                       | 14,402                                     | 6,336                                 | 968                              | 968  | 0   | WATERLOO                 |
| 29,246                       | 24,421                                     | 4,825                                 | 14,313                           | 13,997   | 316                                       | WAYNE STATE              |
| 52,565                       | 39,613                                     | 12,952                                | 3,658                            | 1,550  | 2,108                                     | WESTERN ONTARIO          |
| 50,398                       | 18,398                                     | 32,000                                | 3,766                            | 3  | 3,763                                     | WISCONSIN                |
| 85,090                       | 59,982                                     | 25,108                                | 4,559                            | 3,108  | 1,451                                     | YALE                     |
| 33,514                       | 25,559                                     | 7,955                                 | 5,200                            | 4,369  | 831                                       | YORK                     |
| 7,149                        | 168  | 6,981                                 | UA/NA                            | UA/NA  | UA/NA                                     | BOSTON PUBLIC            |
| 14,307                       | 11,818                                     | 2,489                                 | 693                              | 66   | 627                                       | CISTI                    |
| UA/NA                        | UA/NA                                      | UA/NA                                 | UA/NA                            | UA/NA  | UA/NA                                     | CENTER FOR RESEARCH LIBS |
| 57,980                       | 23,528                                     | 34,452                                | 100,120                          | 7,814  | 92,306                                    | LIBRARY OF CONGRESS      |
| 2,953                        | 999  | 1,954                                 | 10,375                           | 2,519  | 7,856                                     | NATL AGRICULTURAL LIB    |
| 1,225                        | 157  | 1,068                                 | 42,656                           | 3,329  | 39,327                                    | LIB & ARCHIVES CANADA    |
| 18,574                       | 2,549                                      | 16,025                                | 2,743                            | 634  | 2,109                                     | NATL LIB OF MEDICINE     |
| 94,189                       | 60,572                                     | 33,617                                | 22,451                           | 0  | 22,451                                    | NEW YORK PUBLIC          |
| 31,887                       | 24,069                                     | 7,818                                 | 5,208                            | 0  | 5,208                                     | NEW YORK STATE           |
| 1,948                        | 38   | 1,910                                 | 2,574                            | UA/NA  | UA/NA                                     | SMITHSONIAN              |

## SUMMARY DATA: COLLECTIONS PART 1

|                                | Volumes in Library | Volumes Added<br>(Gross) | Volumes Added<br>(Net) | Monographs<br>Purchased<br>(Volumes) | Current Serials<br>Total |
|--------------------------------|--------------------|--------------------------|------------------------|--------------------------------------|--------------------------|
| (Survey Question Number)       | (1)                | (1b.i)                   | (1b)                   | (2)                                  | (4)                      |
| <b>UNIVERSITY LIBRARIES</b>    |                    |                          |                        |                                      |                          |
| Mean                           | 4,284,758          | 94,139                   | 75,275                 | 52,927                               | 53,528                   |
| Median                         | 3,454,585          | 69,759                   | 56,911                 | 38,230                               | 51,797                   |
| High                           | 15,965,675         | 347,049                  | 256,955                | 374,508                              | 119,637                  |
| Low                            | 1,578,968          | 18,107                   | -34,354                | 2,985                                | 11,787                   |
| Totals                         | 484,177,673        | 10,637,660               | 8,506,094              | 5,398,535                            | 6,048,608                |
| Number of Libraries Reporting  | 113                | 113                      | 113                    | 102                                  | 113                      |
| <b>NONUNIVERSITY LIBRARIES</b> |                    |                          |                        |                                      |                          |
| Median                         | 5,160,340          | 25,738                   | 25,715                 | 12,564                               | 21,317                   |
| Totals                         | 75,490,151         | 1,149,312                | 933,306                | 468,593                              | 417,032                  |
| Number of Libraries Reporting  | 10                 | 9                        | 9                      | 10                                   | 9                        |
| <b>GRAND TOTALS</b>            | 559,667,824        | 11,786,972               | 9,439,400              | 5,867,128                            | 6,465,640                |

## SUMMARY DATA: COLLECTIONS PART 1

| Current Serials<br>Purchased   | Current Serials<br>Purchased<br>Electronic | Current Serials<br>Purchased<br>Print | Current Serials<br>Not Purchased | Current Serials<br>Not Purchased<br>Electronic | Current Serials<br>Not Purchased<br>Print |                               |
|--------------------------------|--|---------------------------------------|----------------------------------|--|---|-------------------------------|
| (4a)                           | (4a.i)                                     | (4a.ii)                               | (4b)                             | (4b.i)   | (4b.ii)                                   | (Survey Question Number)      |
| <b>UNIVERSITY LIBRARIES</b>    |  |                                       |                                  |  |   |                               |
| 40,533                         | 31,028                                     | 9,651                                 | 11,638                           | 8,181  | 3,559                                     | Mean                          |
| 39,113                         | 28,006                                     | 7,589                                 | 9,861                            | 7,520  | 2,055                                     | Median                        |
| 98,511                         | 71,003                                     | 45,157                                | 37,788                           | 32,064   | 19,427                                    | High                          |
| 9,757                          | 3,785                                      | 1,178                                 | 0                                | 0  | 0   | Low                           |
| 4,093,791                      | 3,071,806                                  | 955,449                               | 1,175,457                        | 768,999  | 334,501                                   | Totals                        |
| 101                            | 99   | 99                                    | 101                              | 94   | 94  | Number of Libraries Reporting |
| <b>NONUNIVERSITY LIBRARIES</b> |  |                                       |                                  |  |   |                               |
| 14,307                         | 2,549                                      | 6,981                                 | 7,792                            | 634  | 7,856                                     | Median                        |
| 230,212                        | 123,898                                    | 106,314                               | 186,820                          | 14,362   | 169,884                                   | Totals                        |
| 9                              | 9  | 9                                     | 8                                | 7  | 7   | Number of Libraries Reporting |
| 4,324,003                      | 3,195,704                                  | 1,061,763                             | 1,362,277                        | 783,361  | 504,385                                   | <b>GRAND TOTALS</b>           |

## COLLECTIONS PART 2

|                           |        | Microform<br>Units | Government<br>Documents | Computer<br>Files | Manuscripts<br>and Archives | Cartographic<br>Materials | Graphic<br>Materials | Audio<br>Materials | Film and<br>Video |
|---------------------------|--------|--------------------|-------------------------|-------------------|-----------------------------|---------------------------|----------------------|--------------------|-------------------|
| (Survey Question Number)  |        | (6)                | (7)                     | (8)               | (9)                         | (10)                      | (11)                 | (12)               | (13)              |
| INSTITUTION               | Notes  |                    |                         |                   |                             |                           |                      |                    |                   |
| ALABAMA                   | bGLM+  | 4,068,078          | 935,159                 | 7,236             | 33,443                      | 309,934                   | 189,325              | 23,328             | 6,798             |
| ALBERTA                   | G+     | 3,734,584          | 0                       | 9,159             | 22,178                      | 1,544,147                 | UA/NA                | UA/NA              | UA/NA             |
| ARIZONA                   | bGLM+  | 6,267,015          | 0                       | 18,041            | 10,328                      | 266,094                   | 355,681              | 42,961             | 26,681            |
| ARIZONA STATE             | BGL+   | 7,587,902          | 806,062                 | 7,169             | 24,222                      | 234,735                   | 1,210,016            | 66,429             | 34,566            |
| AUBURN                    | G+     | 2,712,980          | 239,511                 | 3,134             | 10,365                      | 151,373                   | 75,327               | 115,724            | 5,289             |
| BOSTON                    | LM+    | 4,675,390          | UA/NA                   | 2,063             | 48,800                      | 1,700                     | 17,700               | 56,184             | 1,504             |
| BOSTON COLLEGE            | bL+    | 4,152,272          | 213,086                 | 5,445             | 8,460                       | 17,816                    | 127,217              | 20,600             | 22,187            |
| BRIGHAM YOUNG             | GL+    | 3,859,362          | 420,238                 | UA/NA             | 42,875                      | 257,799                   | 1,266,084            | 215,226            | 33,616            |
| BRITISH COLUMBIA          | G+     | 5,257,832          | 0                       | 25,843            | 12,664                      | 604,935                   | 931,012              | 99,277             | 32,135            |
| BROWN                     | bG+    | 1,952,956          | 0                       | 5,537             | 11,727                      | 150,719                   | 950,392              | 76,117             | 8,282             |
| CALIFORNIA, BERKELEY      | GL+    | 6,757,837          | 505,860                 | 18,020            | 86,871                      | 438,463                   | 9,636,669            | 93,188             | 47,007            |
| CALIFORNIA, DAVIS         | GLM+   | 4,220,007          | 73,145                  | 12,150            | 17,705                      | 262,092                   | 235,470              | 12,834             | 3,792             |
| CALIFORNIA, IRVINE        | bGM+   | 2,891,436          | 167,834                 | 11,160            | 4,120                       | 11,232                    | 71,661               | 9,634              | 11,074            |
| CALIFORNIA, LOS ANGELES   | GLM+   | 6,202,084          | 72,562                  | 15,346            | 60,220                      | 634,987                   | 4,143,506            | 268,194            | 32,139            |
| CALIFORNIA, RIVERSIDE     | G+     | 2,252,549          | 296,807                 | 9,579             | 4,187                       | 106,089                   | 21,687               | 21,014             | 9,410             |
| CALIFORNIA, SAN DIEGO     | bGM+   | 3,272,873          | 0                       | 13,364            | 14,100                      | 114,124                   | 396,098              | 122,721            | 17,972            |
| CALIFORNIA, SANTA BARBARA |        | 3,771,797          | 435,798                 | 13,147            | 16,969                      | 4,056,155                 | 1,824                | 132,401            | 10,615            |
| CASE WESTERN RESERVE      | bGLM+  | 2,590,449          | 26,867                  | 8,310             | 1,940                       | 64,647                    | 72,556               | 32,347             | 21,545            |
| CHICAGO                   | bGLM+  | 3,080,279          | UA/NA                   | 11,398            | 35,208                      | 432,671                   | 0                    | 52,959             | 5,946             |
| CINCINNATI                | GLM+   | 3,362,670          | 33,497                  | 13,352            | 25,726                      | 170,989                   | 302,151              | 63,360             | 22,658            |
| COLORADO                  | bGL+   | 6,889,047          | 964,836                 | 11,986            | 37,931                      | 216,304                   | 588,507              | 68,021             | 16,076            |
| COLORADO STATE            | G+     | 1,165,640          | 264,168                 | 6,999             | 5,592                       | 43,530                    | 4,562                | 835                | 649               |
| COLUMBIA                  | GLM+   | 6,300,446          | 194,423                 | 46,812            | 240,397                     | 138,975                   | 863,359              | 100,827            | 32,018            |
| CONNECTICUT               | BGLM+  | 4,301,603          | UA/NA                   | 3,778             | 26,506                      | 232,234                   | 2,416                | 60,310             | 10,508            |
| CORNELL                   | BGL+   | 8,445,737          | UA/NA                   | 18,321            | 64,624                      | 251,509                   | 49,217               | 118,229            | 37,076            |
| DARTMOUTH                 | GM+    | 2,599,765          | 0                       | 10,790            | 22,372                      | 189,903                   | 504,514              | 35,850             | 16,085            |
| DELAWARE                  | +      | 3,437,256          | 450,119                 | 327,486           | 4,870                       | 126,585                   | 812                  | 1,935              | 18,142            |
| DUKE                      | bLM+   | 4,301,882          | 1,252,784               | 58,509            | 53,289                      | 132,323                   | 917,600              | 56,529             | 74,980            |
| EMORY                     | BGLM+  | 6,216,565          | 276,766                 | 11,940            | 21,676                      | 16,804                    | 2,912                | 50,439             | 37,319            |
| FLORIDA                   | BbLM+  | 7,814,666          | 1,235,366               | 7,820             | 8,662                       | 848,615                   | 144,520              | 18,750             | 42,875            |
| FLORIDA STATE             | BbGLM+ | 9,106,394          | 863,761                 | 9,715             | 8,447                       | 173,250                   | 6,532                | 61,717             | 18,790            |
| GEORGE WASHINGTON         | GLM+   | 2,914,221          | 0                       | 941               | 22,483                      | 18,814                    | 169,675              | 10,477             | 16,480            |
| GEORGETOWN                | bGLM+  | 3,957,886          | 9,385                   | 7,026             | 18,023                      | 1,870                     | 376,062              | 18,367             | 24,766            |
| GEORGIA                   | GL+    | 6,615,818          | 1,062,664               | 19,252            | 58,386                      | 651,665                   | 1,639,686            | 129,032            | 151,784           |
| GEORGIA TECH              | G+     | 4,613,109          | 0                       | 15,466            | 6,346                       | 198,065                   | 108,525              | 1,866              | 5,293             |
| GUELPH                    | BG+    | 2,343,937          | 0                       | 3,410             | 13,297                      | 73,935                    | 7,553                | 12,514             | UA/NA             |
| HARVARD                   | GLM+   | 10,118,984         | UA/NA                   | UA/NA             | UA/NA                       | UA/NA                     | UA/NA                | UA/NA              | UA/NA             |
| HAWAII                    | GLM+   | 3,509,537          | 0                       | 5,203             | 6,331                       | 15,872                    | 3,100                | 34,569             | 32,462            |
| HOUSTON                   | bL+    | 5,955,038          | 680,971                 | 2,183             | 4,863                       | 5,653                     | 526                  | 17,160             | 6,395             |
| HOWARD                    | bGLM+  | 4,220,992          | 4,405                   | 79                | 19,276                      | 33                        | 160,200              | 25,556             | 6,675             |
| ILLINOIS, CHICAGO         | M+     | 3,969,651          | 785,060                 | UA/NA             | 32,200                      | 194,844                   | 2,109,500            | 8,251              | 11,193            |
| ILLINOIS, URBANA          | bGL+   | 9,535,387          | 0                       | 13,956            | 43,764                      | 668,116                   | 90,729               | 157,963            | 26,760            |



## COLLECTIONS PART 2

| (Survey Question Number) |        | Microform<br>Units | Government<br>Documents | Computer<br>Files | Manuscripts<br>and Archives | Cartographic<br>Materials | Graphic<br>Materials | Audio<br>Materials | Film and<br>Video |
|--------------------------|--------|--------------------|-------------------------|-------------------|-----------------------------|---------------------------|----------------------|--------------------|-------------------|
|                          |        | (6)                | (7)                     | (8)               | (9)                         | (10)                      | (11)                 | (12)               | (13)              |
| INSTITUTION              | Notes  |                    |                         |                   |                             |                           |                      |                    |                   |
| INDIANA                  | +      | 5,351,686          | 407,196                 | 73,715            | 39,003                      | 592,487                   | 3,542,049            | 286,052            | 82,854            |
| IOWA                     | bLM+   | 7,178,601          | UA/NA                   | UA/NA             | 16,670                      | 423,215                   | UA/NA                | 27,404             | 31,167            |
| IOWA STATE               | G+     | 3,508,755          | 0                       | 10,016            | 16,733                      | 108,543                   | 886,332              | 15,018             | 53,088            |
| JOHNS HOPKINS            | BGM+   | 4,391,442          | 1,300                   | 6,059             | 13,237                      | 217,108                   | 69,255               | 29,340             | 12,105            |
| KANSAS                   | BbGLM+ | 3,646,724          | 736,947                 | 13,801            | 52,738                      | 337,067                   | 3,255,408            | 37,736             | 23,438            |
| KENT STATE               | BbG+   | UA/NA              | 0                       | 12,930            | 11,273                      | 7,742                     | 2,112                | 15,687             | 12,619            |
| KENTUCKY                 | GLM+   | 6,433,748          | 1,102,510               | 8,030             | 26,523                      | 260,702                   | 2,097,143            | 50,079             | 42,521            |
| LAVAL                    | G+     | 1,293,971          | 0                       | 6,111             | 0                           | 302,688                   | 215,131              | 21,512             | 27,055            |
| LOUISIANA STATE          | GLM+   | 6,763,548          | 592,560                 | 9,071             | 23,744                      | 453,793                   | UA/NA                | 23,570             | 4,782             |
| LOUISVILLE               | BGLM+  | 2,212,690          | 0                       | UA/NA             | 22,037                      | 22,309                    | 1,514,744            | 32,947             | 9,638             |
| MCGILL                   | BbG+   | 1,782,148          | 676,373                 | 1,181             | 1,031                       | 237,039                   | 289,669              | 49,886             | 31,221            |
| MCMASTER                 | GM+    | 1,627,075          | 0                       | 1,559             | 12,782                      | 146,734                   | 253                  | 29,019             | 2,171             |
| MANITOBA                 | G+     | 1,472,353          | 224,871                 | UA/NA             | 12,414                      | 105,726                   | 270,662              | 28,142             | 10,009            |
| MARYLAND                 |        | 5,810,160          | 198,577                 | 7,715             | 39,851                      | 225,156                   | 351,711              | 297,458            | 42,117            |
| MASSACHUSETTS            | G+     | 2,582,187          | .                       | 1,629             | 14,500                      | 102,549                   | 250,030              | 20,041             | 4,670             |
| MIT                      | G+     | 2,411,592          | UA/NA                   | 52,482            | 23,160                      | 124,686                   | 452,310              | 30,908             | 5,361             |
| MIAMI                    | GLM+   | 3,981,693          | 0                       | 5,103             | 17,733                      | 56,695                    | 12,726               | 55,190             | 15,534            |
| MICHIGAN                 | GLM+   | 8,445,189          | 0                       | 1,163,587         | 45,405                      | 348,132                   | 33,314,072           | 66,354             | 40,059            |
| MICHIGAN STATE           | GL+    | 6,736,282          | 0                       | 22,546            | 2,600                       | 311,246                   | 1,817                | 66,405             | 4,911             |
| MINNESOTA                | bGLM+  | 6,947,047          | 2,638,912               | 16,808            | 80,127                      | 428,772                   | UA/NA                | UA/NA              | UA/NA             |
| MISSOURI                 | L+     | 8,696,639          | 1,681,590               | 96                | 11,422                      | 272,445                   | 629                  | 24,984             | 4,538             |
| MONTREAL                 | GLM+   | 1,539,466          | 0                       | 8,067             | 0                           | 13,155                    | 115,701              | 40,446             | 14,387            |
| NEBRASKA                 | GL+    | 4,659,407          | 552,672                 | 7,626             | 10,240                      | 169,039                   | 103,899              | 35,003             | 2,953             |
| NEW MEXICO               | GLM+   | 4,716,420          | 658,593                 | 45,501            | 15,504                      | 232,306                   | 1,081,234            | 29,121             | 8,250             |
| NEW YORK                 | bGLM+  | 6,430,172          | 481,661                 | 5,887             | 34,147                      | 383                       | 2,331,549            | 101,931            | 46,227            |
| NORTH CAROLINA           | GLM+   | 5,088,410          | 1,625,932               | 11,820            | 38,410                      | 295,710                   | 1,580,960            | 299,150            | 61,456            |
| NORTH CAROLINA STATE     | G+     | 5,445,379          | 0                       | 271,144           | 12,731                      | 41,311                    | 123,150              | 4,348              | 22,374            |
| NORTHWESTERN             | BGLM+  | 4,511,356          | 7,808                   | 14,467            | 14,280                      | 207,463                   | 610,801              | 62,739             | 30,439            |
| NOTRE DAME               | bGL+   | 3,920,355          | 0                       | 6,354             | 33,215                      | 20,518                    | 230,000              | 21,757             | 11,507            |
| OHIO                     | BbG+   | 3,308,966          | UA/NA                   | 17,006            | 13,071                      | 185,508                   | 97,681               | 61,998             | 40,500            |
| OHIO STATE               | bGLM+  | 6,002,228          | 738                     | 11,079            | 32,840                      | 229,129                   | 2,344,828            | 64,948             | UA/NA             |
| OKLAHOMA                 | GLM+   | 4,449,470          | 29,927                  | 5,126             | 17,998                      | 155,806                   | 1,748,010            | 4,504              | 8,396             |
| OKLAHOMA STATE           | BGM+   | 4,518,524          | 170,807                 | 15,642            | 10,298                      | 302,270                   | 175,598              | 12,868             | 17,616            |
| OREGON                   | bGL+   | 4,156,078          | 268,640                 | 2,527             | 73,843                      | 829,833                   | 1,319,350            | 78,178             | 28,498            |
| PENNSYLVANIA             | GLM+   | 4,118,094          | UA/NA                   | 1,611             | 16,608                      | 137,690                   | 752,438              | 70,123             | 18,600            |
| PENNSYLVANIA STATE       | BGLM+  | 5,378,624          | UA/NA                   | 11,227            | 30,988                      | 513,646                   | 557,892              | 80,035             | 178,672           |
| PITTSBURGH               | BGLM+  | 5,399,668          | UA/NA                   | 49,070            | 31,064                      | 124,015                   | 762,322              | 112,306            | 82,005            |
| PRINCETON                | b+     | 6,536,264          | 122,822                 | 11,455            | 33,605                      | 330,996                   | 248,011              | 91,505             | 8,066             |
| PURDUE                   | G+     | 3,103,709          | 489,519                 | 12,050            | 3,500                       | 344,103                   | 1,476                | 1,023              | 12,242            |
| QUEENS                   | LM+    | 3,906,399          | 1,114,831               | UA/NA             | UA/NA                       | 158,933                   | 28,184               | UA/NA              | UA/NA             |
| RICE                     | G+     | 3,248,726          | 55,896                  | 14,978            | 7,326                       | 27,129                    | 33,888               | 45,292             | 12,568            |
| ROCHESTER                | bM+    | 5,105,142          | 429,239                 | 7,160             | 14,898                      | 106,064                   | 11,564               | 93,895             | 16,600            |

## COLLECTIONS PART 2

| (Survey Question Number) |        | Microform<br>Units<br>(6) | Government<br>Documents<br>(7) | Computer<br>Files<br>(8) | Manuscripts<br>and Archives<br>(9) | Cartographic<br>Materials<br>(10) | Graphic<br>Materials<br>(11) | Audio<br>Materials<br>(12) | Film and<br>Video<br>(13) |
|--------------------------|--------|---------------------------|--------------------------------|--------------------------|------------------------------------|-----------------------------------|------------------------------|----------------------------|---------------------------|
| INSTITUTION              | Notes  |                           |                                |                          |                                    |                                   |                              |                            |                           |
| RUTGERS                  | BGL+   | 5,962,736                 | 2,665,560                      | 15,069                   | 27,394                             | UA/NA                             | UA/NA                        | UA/NA                      | UA/NA                     |
| SASKATCHEWAN             | LM+    | 3,108,884                 | 415,587                        | 5,090                    | 268                                | 73,250                            | 29,972                       | 17,960                     | 2,065                     |
| SOUTH CAROLINA           | LM+    | 5,306,418                 | 987,420                        | 3,957                    | 9,641                              | 323,412                           | 250,071                      | 38,431                     | 17,209                    |
| SOUTHERN CALIFORNIA      | BGLM+  | 6,278,392                 | 270,642                        | 11,172                   | 47,545                             | 84,493                            | 3,192,538                    | 29,814                     | 32,879                    |
| SOUTHERN ILLINOIS        | blm+   | 4,594,306                 | 313,173                        | 10,849                   | 26,619                             | 344,028                           | 6,997                        | 28,701                     | 17,248                    |
| SUNY-ALBANY              | G+     | 2,880,197                 | 0                              | 2,291                    | 12,030                             | 25,206                            | 56,138                       | 11,945                     | 14,714                    |
| SUNY-BUFFALO             | GLM+   | 6,682,368                 | 0                              | 12,058                   | 12,498                             | 198,826                           | 132,773                      | 59,198                     | 16,067                    |
| SUNY-STONY BROOK         | M+     | 3,837,093                 | 343,630                        | 729                      | 3,405                              | 133,055                           | 9,457                        | 40,911                     | 8,089                     |
| SYRACUSE                 | GL+    | 7,450,629                 | 304,650                        | 2,575                    | 29,802                             | 278,379                           | 417,760                      | 414,553                    | 21,566                    |
| TEMPLE                   | BbGLM+ | 3,267,996                 | 580                            | 3,549                    | 38,422                             | 121,636                           | 10,035,512                   | 23,874                     | 8,769                     |
| TENNESSEE                | BbGLM+ | 4,362,751                 | 4,344                          | 3,197                    | 14,603                             | 391,117                           | 121,472                      | 26,091                     | 16,657                    |
| TEXAS                    | GL+    | 6,588,105                 | 0                              | 8,247                    | 123,550                            | 324,340                           | 11,825,718                   | 177,682                    | 76,051                    |
| TEXAS A&M                | BG+    | 5,583,684                 | 65,519                         | 10,550                   | 22,856                             | 233,294                           | 541,186                      | 22,805                     | 25,005                    |
| TEXAS TECH               | BLM+   | 2,666,475                 | 4,222                          | 389,576                  | 31,508                             | 159,769                           | 1,574,341                    | 20,056                     | 30,581                    |
| TORONTO                  | BL+    | 5,471,768                 | UA/NA                          | 848,256                  | 39,511                             | 280,599                           | 777,349                      | 202,726                    | 32,076                    |
| TULANE                   | BLM+   | 1,248,377                 | 143,431                        | 1,338                    | 6,733                              | 20                                | 558                          | 2,911                      | 2,049                     |
| UTAH                     | LM+    | 3,631,803                 | 892,377                        | 7,668                    | 35,093                             | 253,526                           | 1,556,643                    | 49,321                     | 33,921                    |
| VANDERBILT               | GLM+   | 3,043,483                 | 261,495                        | 9,735                    | 21,634                             | 108,712                           | 223,022                      | 38,470                     | 20,224                    |
| VIRGINIA                 | GLM+   | 5,508,337                 | 676,182                        | 11,353                   | 27,953                             | 152,487                           | 457,983                      | 70,984                     | 34,738                    |
| VIRGINIA TECH            | G+     | 6,323,061                 | 399,525                        | 10,675                   | 17,788                             | 139,577                           | 92,074                       | 10,957                     | 16,617                    |
| WASHINGTON               | GLM+   | 7,761,037                 | 0                              | 17,111                   | 68,874                             | 368,391                           | 1,266,457                    | 80,458                     | 45,314                    |
| WASHINGTON STATE         | BG+    | 3,929,090                 | 0                              | 514                      | 19,065                             | 2,303                             | 369,419                      | 13,898                     | 34,882                    |
| WASHINGTON U.-ST. LOUIS  | GLM+   | 3,430,687                 | 0                              | 9,835                    | 15,194                             | 117,222                           | 3                            | 41,642                     | 60,733                    |
| WATERLOO                 | G+     | 1,709,140                 | 0                              | 6,098                    | 5,477                              | 146,482                           | 41                           | 407                        | 209                       |
| WAYNE STATE              | G+     | 3,895,009                 | 388,182                        | 5,707                    | 74,000                             | 55,742                            | 2,159,189                    | 46,386                     | 29,696                    |
| WESTERN ONTARIO          | GL+    | 4,031,547                 | 0                              | 0                        | 12,024                             | 15,106                            | 1,600,000                    | 48,573                     | 265                       |
| WISCONSIN                | GLM+   | 6,314,054                 | 861,389                        | 12,960                   | 157,221                            | 594,247                           | 6,269,614                    | 350,723                    | 22,673                    |
| YALE                     | GLM+   | 10,203,889                | 0                              | 0                        | 88,603                             | 462,290                           | 2,333,840                    | 237,361                    | 26,377                    |
| YORK                     | BG+    | 4,153,557                 | UA/NA                          | 2,963                    | 11,863                             | 110,689                           | 8,647                        | 34,853                     | 25,057                    |
| BOSTON PUBLIC            | G      | 6,813,693                 | 1,821,843                      | 168                      | UA/NA                              | UA/NA                             | UA/NA                        | 62,720                     | 113,633                   |
| CISTI                    | G+     | 5,000,000                 | UA/NA                          | 1,175                    | UA/NA                              | UA/NA                             | UA/NA                        | UA/NA                      | 750                       |
| CENTER FOR RESEARCH LIBS | G+     | 1,878,944                 | UA/NA                          | 1,334                    | UA/NA                              | UA/NA                             | UA/NA                        | UA/NA                      | UA/NA                     |
| LIBRARY OF CONGRESS      | bG+    | 14,833,797                | 0                              | 218,731                  | 61,433                             | 5,317,279                         | 14,430,705                   | 2,955,493                  | 1,204,781                 |
| NATL AGRICULTURAL LIB    | G+     | 1,097,874                 | 0                              | 1,931                    | 19,540                             | 5,040                             | 1,165                        | 462                        | 3,650                     |
| LIB & ARCHIVES CANADA    | G+     | 8,167,075                 | 37,905,053                     | UA/NA                    | 169,402                            | 2,939,959                         | 24,627,021                   | 333,102                    | 196,820                   |
| NATL LIB OF MEDICINE     | +      | 605,543                   | 0                              | 2,559                    | 4,664                              | UA/NA                             | 69,285                       | UA/NA                      | 81,884                    |
| NEW YORK PUBLIC          | bG+    | 6,871,387                 | UA/NA                          | UA/NA                    | 65,783                             | 433,738                           | 4,390,604                    | 577,212                    | 69,609                    |
| NEW YORK STATE           | +      | 8,371,010                 | UA/NA                          | 8,596                    | 28,109                             | 209,454                           | 70,355                       | 55                         | 91                        |
| SMITHSONIAN              | b+     | 190,331                   | 0                              | 1,711                    | 0                                  | 144                               | 2,029                        | 322                        | 442                       |

+ - See Footnotes  
L - Includes Law library  
M- Includes Medical library

G - Government documents not included in serials count  
B - Includes branch campuses  
b - Basis of volume count is bibliographic

U / A - Unavailable  
N / A - Not Applicable  
- - no data supplied

## SUMMARY DATA: COLLECTIONS PART 2

| (Survey Question Number)       | Microform<br>Units<br>(6) | Government<br>Documents<br>(7) | Computer<br>Files<br>(8) | Manuscripts<br>and Archives<br>(9) | Cartographic<br>Materials<br>(10) | Graphic<br>Materials<br>(11) | Audio<br>Materials<br>(12) | Film and<br>Video<br>(13) |
|--------------------------------|---------------------------|--------------------------------|--------------------------|------------------------------------|-----------------------------------|------------------------------|----------------------------|---------------------------|
| <b>UNIVERSITY LIBRARIES</b>    |                           |                                |                          |                                    |                                   |                              |                            |                           |
| Mean                           | 4,705,760                 | 358,474                        | 39,212                   | 28,290                             | 261,600                           | 1,250,918                    | 66,429                     | 25,401                    |
| Median                         | 4,301,743                 | 170,807                        | 9,725                    | 18,023                             | 173,250                           | 248,011                      | 40,679                     | 18,371                    |
| High                           | 10,203,889                | 2,665,560                      | 1,163,587                | 240,397                            | 4,056,155                         | 33,314,072                   | 414,553                    | 178,672                   |
| Low                            | 1,165,640                 | 0                              | 0                        | 0                                  | 20                                | 0                            | 407                        | 209                       |
| Totals                         | 527,045,173               | 35,488,963                     | 4,156,483                | 3,140,166                          | 29,037,639                        | 133,848,246                  | 7,174,288                  | 2,692,487                 |
| Number of Libraries Reporting  | 112                       | 99                             | 106                      | 111                                | 111                               | 107                          | 108                        | 106                       |
| <b>NONUNIVERSITY LIBRARIES</b> |                           |                                |                          |                                    |                                   |                              |                            |                           |
| Median                         | 5,906,847                 | 0                              | 1,821                    | 28,109                             | 321,596                           | 70,355                       | 62,720                     | 69,609                    |
| Totals                         | 53,829,654                | 39,726,896                     | 236,205                  | 348,931                            | 8,905,614                         | 43,591,164                   | 3,929,366                  | 1,671,660                 |
| Number of Libraries Reporting  | 10                        | 6                              | 8                        | 7                                  | 6                                 | 7                            | 7                          | 9                         |
| <b>GRAND TOTALS</b>            | 580,874,827               | 75,215,859                     | 4,392,688                | 3,489,097                          | 37,943,253                        | 177,439,410                  | 11,103,654                 | 4,364,147                 |

## EXPENDITURES

|                           |        | Monographs | Current Serials | Other Library Materials | Miscellaneous Materials | Total Library Materials | Contract Binding |
|---------------------------|--------|------------|-----------------|-------------------------|-------------------------|-------------------------|------------------|
| (Survey Question Number)  |        | (15a)      | (15b)           | (15c)                   | (15d)                   | (15)                    | (16)             |
| INSTITUTION               | Notes  |            |                 |                         |                         |                         |                  |
| ALABAMA                   | bGLM+  | 1,215,438  | 5,501,516       | 278,446                 | 37,260                  | 7,032,660               | 71,754           |
| ALBERTA                   | G+     | 6,683,100  | 8,906,549       | 0                       | 740,568                 | 16,330,216              | 91,856           |
| ARIZONA                   | bGLM+  | 2,573,806  | 8,802,183       | 505,504                 | 692,200                 | 12,573,693              | 47,806           |
| ARIZONA STATE             | BGL+   | 2,858,892  | 8,049,824       | 1,057,033               | 226,617                 | 12,192,366              | 178,235          |
| AUBURN                    | G+     | 759,395    | 4,689,237       | 86,164                  | 8,750                   | 5,543,546               | 50,084           |
| BOSTON                    | LM+    | 768,884    | 7,029,125       | 195,086                 | 94,659                  | 8,087,754               | 180,106          |
| BOSTON COLLEGE            | bL+    | 1,541,777  | 4,875,969       | 676,040                 | 1,389,862               | 8,483,648               | 139,881          |
| BRIGHAM YOUNG             | GL+    | 2,205,611  | 7,213,572       | 60,480                  | 114,897                 | 9,594,560               | 249,382          |
| BRITISH COLUMBIA          | G+     | 3,223,971  | 10,652,628      | 721,704                 | 369,386                 | 14,967,690              | 178,108          |
| BROWN                     | bG+    | 1,535,685  | 5,392,181       | 813,525                 | 478,421                 | 8,219,812               | 181,750          |
| CALIFORNIA, BERKELEY      | GL+    | 8,272,940  | 10,103,565      | 1,339,357               | 0                       | 19,715,862              | 1,037,615        |
| CALIFORNIA, DAVIS         | GLM+   | 2,694,586  | 4,849,663       | 983,901                 | 263,591                 | 8,791,741               | 158,587          |
| CALIFORNIA, IRVINE        | bGM+   | 2,257,999  | 6,138,494       | 233,994                 | 0                       | 8,630,487               | 51,617           |
| CALIFORNIA, LOS ANGELES   | GLM+   | 6,102,631  | 8,364,756       | 0                       | 425,628                 | 14,893,015              | 429,430          |
| CALIFORNIA, RIVERSIDE     | G+     | 1,520,557  | 4,226,314       | 206,097                 | 223,962                 | 6,176,930               | 239,642          |
| CALIFORNIA, SAN DIEGO     | bGM+   | 2,216,216  | 6,163,730       | 121,583                 | 0                       | 8,501,529               | 261,696          |
| CALIFORNIA, SANTA BARBARA |        | 1,518,430  | 3,905,421       | 0                       | 0                       | 5,423,851               | 114,826          |
| CASE WESTERN RESERVE      | bGLM+  | 759,691    | 5,179,761       | 246,385                 | 146,485                 | 6,332,322               | 89,807           |
| CHICAGO                   | bGLM+  | 5,739,091  | 10,390,999      | 0                       | 0                       | 16,130,090              | 388,469          |
| CINCINNATI                | GLM+   | 2,540,500  | 6,292,494       | 618,287                 | 149,512                 | 9,600,793               | 153,444          |
| COLORADO                  | bGL+   | 1,915,082  | 6,604,569       | 461,461                 | 652,242                 | 9,633,354               | 90,678           |
| COLORADO STATE            | G+     | 1,380,545  | 4,376,765       | 189,812                 | 332,159                 | 6,279,281               | 54,081           |
| COLUMBIA                  | GLM+   | 6,201,339  | 13,564,480      | 1,531,873               | 949,956                 | 22,247,648              | 635,628          |
| CONNECTICUT               | BGLM+  | 990,011    | 6,937,606       | 227,304                 | 763,052                 | 8,917,973               | 223,631          |
| CORNELL                   | BGL+   | 6,336,853  | 7,830,051       | 599,373                 | 246,394                 | 15,012,671              | 166,825          |
| DARTMOUTH                 | GM+    | 1,880,356  | 6,421,756       | 97,473                  | 0                       | 8,399,585               | 90,201           |
| DELAWARE                  | +      | 2,216,377  | 5,293,185       | 609,168                 | 261,389                 | 8,380,119               | 75,405           |
| DUKE                      | bLM+   | 5,810,298  | 9,745,194       | 95,250                  | 1,085,965               | 16,736,707              | 184,550          |
| EMORY                     | BGLM+  | 5,467,802  | 6,569,913       | 3,416,568               | 431,377                 | 15,885,660              | 128,897          |
| FLORIDA                   | BbLM+  | 1,986,941  | 8,809,701       | 513,603                 | 534,581                 | 11,844,826              | 154,753          |
| FLORIDA STATE             | BbGLM+ | 1,079,302  | 5,240,984       | 287,012                 | 233,049                 | 6,840,347               | 39,338           |
| GEORGE WASHINGTON         | GLM+   | 3,167,254  | 5,750,402       | 25,910                  | 1,187,309               | 10,130,875              | 126,576          |
| GEORGETOWN                | bGLM+  | 2,458,166  | 7,179,747       | 744,609                 | 429,189                 | 10,811,711              | 128,963          |
| GEORGIA                   | GL+    | 2,134,727  | 7,875,514       | 1,009,717               | 799,084                 | 11,819,042              | 253,739          |
| GEORGIA TECH              | G+     | 784,565    | 3,737,606       | 1,391,527               | 0                       | 5,913,698               | 47,249           |
| GUELPH                    | BG+    | 1,287,233  | 3,354,670       | 201,763                 | 565,106                 | 5,408,772               | 27,839           |
| HARVARD                   | GLM+   | 10,599,472 | 9,075,380       | 9,948,589               | 53,633                  | 29,677,074              | 1,045,478        |
| HAWAII                    | GLM+   | 1,562,869  | 6,037,397       | 172,771                 | 86,001                  | 7,859,038               | 119,752          |
| HOUSTON                   | bL+    | 1,712,677  | 5,842,031       | 331,727                 | 409,645                 | 8,296,080               | 103,499          |
| HOWARD                    | bGLM+  | 211,419    | 3,123,358       | 156,812                 | 51,924                  | 3,543,513               | 76,000           |
| ILLINOIS, CHICAGO         | M+     | 1,430,650  | 3,634,804       | 3,272,303               | 190,243                 | 8,528,000               | 34,740           |
| ILLINOIS, URBANA          | bGL+   | 2,509,280  | 10,855,166      | 525,840                 | 640,434                 | 14,530,720              | 291,257          |

## EXPENDITURES

| Salaries & Wages<br>Professional Staff | Salaries & Wages<br>Support Staff | Salaries & Wages<br>Student Assistants | Salaries & Wages<br>Total | Other Operating<br>Expenditures | Total Library<br>Expenditures |                           |
|--|-----------------------------------|--|---------------------------|---------------------------------|-------------------------------|---------------------------|
| (17a)                                  | (17b)                             | (17c)                                  | (17)                      | (19)                            | (20)                          | (Survey Question Number)  |
| INSTITUTION                            |                                   |  |                           |                                 |                               |                           |
| 3,860,379                              | 2,007,848                         | 644,043                                | 6,512,270                 | 1,884,462                       | 15,501,146                    | ALABAMA                   |
| 5,860,374                              | 8,947,798                         | 819,208                                | 15,627,381                | 3,427,140                       | 35,476,594                    | ALBERTA                   |
| 5,886,547                              | 5,767,787                         | 893,876                                | 12,548,210                | 5,599,618                       | 30,769,327                    | ARIZONA                   |
| 5,235,630                              | 6,332,068                         | 613,770                                | 12,181,468                | 3,178,274                       | 27,730,343                    | ARIZONA STATE             |
| 2,858,377                              | 1,370,667                         | 306,070                                | 4,535,114                 | 2,775,405                       | 12,904,149                    | AUBURN                    |
| 5,065,304                              | 3,031,854                         | 523,610                                | 8,620,768                 | 2,028,288                       | 18,916,916                    | BOSTON                    |
| 5,006,667                              | 2,781,267                         | 736,293                                | 8,524,227                 | 1,069,860                       | 18,217,616                    | BOSTON COLLEGE            |
| 7,014,217                              | 1,918,546                         | 2,830,496                              | 11,763,259                | 3,552,241                       | 25,159,442                    | BRIGHAM YOUNG             |
| 7,534,732                              | 6,358,379                         | 683,201                                | 14,576,311                | 3,140,977                       | 32,863,086                    | BRITISH COLUMBIA          |
| 4,425,234                              | 4,005,642                         | 515,050                                | 8,945,926                 | 1,884,393                       | 19,231,881                    | BROWN                     |
| 16,494,886                             | 8,052,680                         | 2,750,761                              | 27,298,327                | 5,179,950                       | 53,231,754                    | CALIFORNIA, BERKELEY      |
| 4,066,158                              | 4,886,060                         | 1,224,015                              | 10,176,233                | 1,875,816                       | 21,002,377                    | CALIFORNIA, DAVIS         |
| 4,114,384                              | 4,562,099                         | 656,269                                | 9,332,752                 | 2,411,338                       | 20,426,194                    | CALIFORNIA, IRVINE        |
| 12,470,133                             | 11,642,522                        | 2,819,624                              | 26,932,279                | 9,537,404                       | 51,792,128                    | CALIFORNIA, LOS ANGELES   |
| 3,385,067                              | 2,926,972                         | 538,772                                | 6,850,811                 | 1,812,193                       | 15,079,576                    | CALIFORNIA, RIVERSIDE     |
| 6,623,465                              | 7,034,524                         | 1,322,158                              | 14,980,147                | 4,497,608                       | 28,240,980                    | CALIFORNIA, SAN DIEGO     |
| 3,122,777                              | 4,389,314                         | 1,051,425                              | 8,563,516                 | 4,292,569                       | 18,394,762                    | CALIFORNIA, SANTA BARBARA |
| 3,681,764                              | 1,413,518                         | 537,667                                | 5,632,949                 | 1,327,370                       | 13,382,448                    | CASE WESTERN RESERVE      |
| 4,532,109                              | 6,396,095                         | 1,293,282                              | 12,221,486                | 3,226,251                       | 31,966,296                    | CHICAGO                   |
| 6,833,807                              | 2,019,746                         | 688,372                                | 9,541,925                 | 2,749,762                       | 22,045,924                    | CINCINNATI                |
| 3,051,583                              | 4,528,215                         | 817,507                                | 8,397,305                 | 1,434,326                       | 19,555,663                    | COLORADO                  |
| 2,840,345                              | 2,052,687                         | 608,505                                | 5,501,537                 | 2,330,509                       | 14,165,408                    | COLORADO STATE            |
| 19,878,169                             | 7,958,214                         | 2,233,103                              | 30,069,486                | 7,119,198                       | 60,071,960                    | COLUMBIA                  |
| 7,690,660                              | 5,681,497                         | 746,958                                | 14,119,115                | 1,811,233                       | 25,071,952                    | CONNECTICUT               |
| 8,051,501                              | 12,937,254                        | 958,719                                | 21,947,474                | 6,705,371                       | 43,832,341                    | CORNELL                   |
| 4,237,776                              | 3,895,569                         | 430,129                                | 8,563,474                 | 1,287,032                       | 18,340,292                    | DARTMOUTH                 |
| 3,941,437                              | 3,145,556                         | 315,061                                | 7,402,054                 | 1,585,272                       | 17,442,850                    | DELAWARE                  |
| 9,890,275                              | 4,980,627                         | 555,643                                | 15,426,545                | 3,421,450                       | 35,769,252                    | DUKE                      |
| 7,835,950                              | 4,865,632                         | 831,225                                | 13,532,807                | 4,194,616                       | 33,741,980                    | EMORY                     |
| 6,439,058                              | 6,282,527                         | 872,889                                | 13,594,474                | 3,247,284                       | 28,841,337                    | FLORIDA                   |
| 4,073,571                              | 3,105,759                         | 517,592                                | 7,696,922                 | 621,157                         | 15,197,764                    | FLORIDA STATE             |
| 5,252,183                              | 3,700,832                         | 690,766                                | 9,643,781                 | 3,252,094                       | 23,153,326                    | GEORGE WASHINGTON         |
| UA / NA                                | UA / NA                           | UA / NA                                | 10,738,442                | 2,620,243                       | 24,299,359                    | GEORGETOWN                |
| 3,862,245                              | 4,896,592                         | 690,173                                | 9,449,010                 | 2,181,697                       | 23,703,488                    | GEORGIA                   |
| 3,809,690                              | 1,133,563                         | 121,364                                | 5,064,617                 | 1,007,096                       | 12,032,660                    | GEORGIA TECH              |
| 2,730,575                              | 2,732,785                         | 402,838                                | 5,866,199                 | 914,826                         | 12,217,636                    | GUELPH                    |
| 38,968,403                             | 20,409,253                        | 1,637,534                              | 61,015,190                | 19,111,716                      | 110,849,458                   | HARVARD                   |
| 5,554,214                              | 2,613,830                         | 1,071,147                              | 9,239,191                 | 1,316,262                       | 18,534,243                    | HAWAII                    |
| 2,761,459                              | 2,323,383                         | 452,029                                | 5,536,871                 | 3,181,042                       | 17,117,492                    | HOUSTON                   |
| 3,160,552                              | 1,939,419                         | 500,224                                | 5,600,195                 | 696,490                         | 9,916,198                     | HOWARD                    |
| 3,721,996                              | 3,623,181                         | 518,359                                | 7,863,536                 | 2,830,939                       | 19,257,215                    | ILLINOIS, CHICAGO         |
| 11,732,551                             | 7,621,597                         | 1,906,596                              | 21,260,744                | 5,836,352                       | 41,919,073                    | ILLINOIS, URBANA          |

## EXPENDITURES

|                          |        | Monographs | Current Serials | Other Library Materials | Miscellaneous Materials | Total Library Materials | Contract Binding |
|--------------------------|--------|------------|-----------------|-------------------------|-------------------------|-------------------------|------------------|
| (Survey Question Number) |        | (15a)      | (15b)           | (15c)                   | (15d)                   | (15)                    | (16)             |
| INSTITUTION              | Notes  |            |                 |                         |                         |                         |                  |
| INDIANA                  | +      | 4,882,911  | 7,520,163       | 427,608                 | 391,804                 | 13,222,486              | 210,831          |
| IOWA                     | bLM+   | 2,523,428  | 9,257,589       | 756,777                 | 488,551                 | 13,026,345              | 156,386          |
| IOWA STATE               | G+     | 1,701,393  | 6,976,459       | 177,205                 | 390,166                 | 9,245,223               | 138,837          |
| JOHNS HOPKINS            | BGM+   | 2,578,475  | 9,982,134       | 886,758                 | 748,156                 | 14,195,523              | 73,541           |
| KANSAS                   | BbGLM+ | 2,059,371  | 5,816,294       | 210,129                 | 516,612                 | 8,602,406               | 124,397          |
| KENT STATE               | BbG+   | 668,315    | 3,205,844       | UA / NA                 | 0                       | 3,874,159               | 56,646           |
| KENTUCKY                 | GLM+   | 1,463,138  | 6,401,319       | 1,576,224               | 635,234                 | 10,075,915              | 128,615          |
| LAVAL                    | G+     | 2,382,243  | 6,634,782       | 146,438                 | 60,938                  | 9,224,402               | 55,326           |
| LOUISIANA STATE          | GLM+   | 2,133,886  | 5,364,761       | 110,011                 | 0                       | 7,608,658               | 63,438           |
| LOUISVILLE               | BGLM+  | 739,989    | 5,401,569       | 191,220                 | 0                       | 6,332,778               | 113,091          |
| MCGILL                   | BbG+   | 4,104,301  | 7,623,795       | 124,691                 | 319,675                 | 12,172,462              | 222,687          |
| MCMASTER                 | GM+    | 854,793    | 5,399,365       | 576,186                 | 188,671                 | 7,019,014               | 64,297           |
| MANITOBA                 | G+     | 1,801,185  | 4,991,317       | 38,274                  | 351,175                 | 7,181,952               | 133,043          |
| MARYLAND                 |        | 1,472,832  | 5,828,111       | 255,206                 | 1,845,314               | 9,401,463               | 150,749          |
| MASSACHUSETTS            | G+     | 1,026,781  | 4,629,601       | 175,757                 | 22,783                  | 5,854,922               | 60,037           |
| MIT                      | G+     | 1,481,473  | 6,407,523       | 284,482                 | 54,867                  | 8,228,345               | 206,251          |
| MIAMI                    | GLM+   | 2,819,446  | 10,043,269      | 608,263                 | 357,162                 | 13,828,140              | 117,479          |
| MICHIGAN                 | GLM+   | 5,790,683  | 13,093,936      | 84,892                  | 1,552,426               | 20,521,937              | 419,094          |
| MICHIGAN STATE           | GL+    | 2,281,288  | 7,774,976       | 377,197                 | 128,863                 | 10,562,324              | 206,349          |
| MINNESOTA                | bGLM+  | 3,410,483  | 10,598,368      | 1,625,741               | 61,021                  | 15,695,613              | 318,053          |
| MISSOURI                 | L+     | 1,258,392  | 6,702,693       | 365,785                 | 62,852                  | 8,389,722               | 122,890          |
| MONTREAL                 | GLM+   | 2,095,490  | 8,249,669       | 119,275                 | 69,163                  | 10,533,596              | 133,903          |
| NEBRASKA                 | GL+    | 825,135    | 5,069,291       | 242,375                 | 89,521                  | 6,226,322               | 167,766          |
| NEW MEXICO               | GLM+   | 1,134,913  | 5,197,173       | 109,155                 | 640,562                 | 7,081,803               | 75,334           |
| NEW YORK                 | bGLM+  | 4,537,534  | 10,796,144      | 947,652                 | 121,048                 | 16,402,378              | 567,621          |
| NORTH CAROLINA           | GLM+   | 3,034,202  | 8,887,542       | 2,529,830               | 99,574                  | 14,551,148              | 238,572          |
| NORTH CAROLINA STATE     | G+     | 1,466,172  | 6,246,215       | 428,773                 | 949,547                 | 9,090,707               | 192,205          |
| NORTHWESTERN             | BGLM+  | 3,819,450  | 7,970,083       | 575,138                 | 546,581                 | 12,911,252              | 165,155          |
| NOTRE DAME               | bGL+   | 4,219,144  | 6,186,694       | 0                       | 90,341                  | 10,496,179              | 94,799           |
| OHIO                     | BbG+   | 1,196,904  | 3,709,367       | 307,521                 | 119,979                 | 5,333,771               | 45,318           |
| OHIO STATE               | bGLM+  | 2,800,330  | 7,874,018       | 367,637                 | 406,904                 | 11,448,889              | 313,373          |
| OKLAHOMA                 | GLM+   | 3,186,570  | 7,799,637       | 1,571,964               | 408,396                 | 12,966,567              | 179,114          |
| OKLAHOMA STATE           | BGM+   | UA / NA    | UA / NA         | UA / NA                 | UA / NA                 | 6,713,308               | 37,256           |
| OREGON                   | bGL+   | 1,367,861  | 3,825,694       | UA / NA                 | 965,549                 | 6,159,104               | 114,027          |
| PENNSYLVANIA             | GLM+   | 3,469,083  | 10,583,510      | 374,389                 | UA / NA                 | 14,426,982              | 285,660          |
| PENNSYLVANIA STATE       | BGLM+  | 4,712,899  | 12,289,760      | 1,102,538               | 201,354                 | 18,306,551              | 447,073          |
| PITTSBURGH               | BGLM+  | 3,014,747  | 9,475,124       | 1,571,730               | 376,932                 | 14,438,533              | 219,243          |
| PRINCETON                | b+     | 6,599,603  | 9,298,538       | 1,924,135               | 605,843                 | 18,428,119              | 552,746          |
| PURDUE                   | G+     | 1,822,280  | 6,788,802       | 1,462,479               | 0                       | 10,073,561              | 129,371          |
| QUEENS                   | LM+    | 1,476,784  | 6,447,186       | 114,796                 | 469,098                 | 8,507,864               | 78,983           |
| RICE                     | G+     | 3,424,015  | 5,618,451       | 441,621                 | 405,479                 | 9,889,566               | 56,020           |
| ROCHESTER                | bM+    | 1,128,862  | 5,619,179       | 368,454                 | 48,537                  | 7,165,032               | 121,162          |

## EXPENDITURES

| Salaries & Wages<br>Professional Staff | Salaries & Wages<br>Support Staff | Salaries & Wages<br>Student Assistants | Salaries & Wages<br>Total | Other Operating<br>Expenditures | Total Library<br>Expenditures |                          |
|--|-----------------------------------|--|---------------------------|---------------------------------|-------------------------------|--------------------------|
| (17a)                                  | (17b)                             | (17c)                                  | (17)                      | (19)                            | (20)                          | (Survey Question Number) |
| INSTITUTION                            |                                   |  |                           |                                 |                               |                          |
| 8,959,551                              | 4,792,067                         | 1,428,267                              | 15,179,885                | 5,027,969                       | 33,641,171                    | INDIANA                  |
| 5,645,949                              | 5,116,587                         | 957,739                                | 11,720,275                | 1,744,401                       | 26,647,407                    | IOWA                     |
| 3,034,314                              | 3,647,306                         | 493,046                                | 7,174,666                 | 1,836,286                       | 18,395,012                    | IOWA STATE               |
| 7,058,789                              | 5,363,313                         | 579,374                                | 13,001,476                | 4,537,021                       | 31,807,561                    | JOHNS HOPKINS            |
| 5,431,178                              | 3,299,864                         | 945,223                                | 9,676,265                 | 2,753,665                       | 21,156,733                    | KANSAS                   |
| 3,041,628                              | 1,220,150                         | 407,383                                | 4,669,161                 | 2,708,240                       | 11,308,206                    | KENT STATE               |
| 4,678,092                              | 2,811,753                         | 921,196                                | 8,411,041                 | 2,305,144                       | 20,920,715                    | KENTUCKY                 |
| 3,199,027                              | 4,969,295                         | 456,103                                | 8,624,425                 | 466,958                         | 18,371,110                    | LAVAL                    |
| 2,987,963                              | 1,935,495                         | 573,510                                | 5,496,968                 | 1,357,701                       | 14,526,765                    | LOUISIANA STATE          |
| 3,270,113                              | 2,508,836                         | 550,747                                | 6,329,696                 | 3,784,694                       | 16,560,259                    | LOUISVILLE               |
| 4,836,261                              | 5,375,431                         | 615,631                                | 10,827,323                | 4,614,383                       | 27,836,855                    | MCGILL                   |
| 2,193,444                              | 4,060,827                         | 452,353                                | 6,706,624                 | 1,423,133                       | 15,213,067                    | MCMASTER                 |
| 4,468,768                              | 4,983,119                         | 577,101                                | 10,028,988                | 1,548,749                       | 18,892,732                    | MANITOBA                 |
| 7,965,771                              | 3,761,661                         | 771,906                                | 12,499,338                | 2,018,440                       | 24,069,990                    | MARYLAND                 |
| 3,794,358                              | 3,064,755                         | 596,140                                | 7,455,253                 | 1,827,686                       | 15,197,898                    | MASSACHUSETTS            |
| 7,750,031                              | 3,787,054                         | 361,365                                | 11,898,450                | 3,088,620                       | 23,421,666                    | MIT                      |
| 5,342,778                              | 3,270,122                         | 522,261                                | 9,135,161                 | 2,860,631                       | 25,941,411                    | MIAMI                    |
| 12,150,966                             | 10,956,544                        | 1,731,434                              | 24,838,944                | 4,811,432                       | 50,591,407                    | MICHIGAN                 |
| 4,702,346                              | 5,004,754                         | 1,401,239                              | 11,108,339                | 2,581,342                       | 24,458,354                    | MICHIGAN STATE           |
| 7,328,185                              | 8,893,944                         | 1,588,836                              | 17,810,965                | 6,102,465                       | 39,927,096                    | MINNESOTA                |
| 3,005,996                              | 2,724,325                         | 472,945                                | 6,203,266                 | 1,982,492                       | 16,698,370                    | MISSOURI                 |
| 6,524,689                              | 9,190,641                         | 150,853                                | 15,866,183                | 1,620,121                       | 28,153,803                    | MONTREAL                 |
| 3,262,520                              | 2,896,347                         | 707,009                                | 6,865,876                 | 1,372,273                       | 14,632,237                    | NEBRASKA                 |
| 4,641,663                              | 6,287,028                         | 510,215                                | 11,438,906                | 4,057,045                       | 22,653,088                    | NEW MEXICO               |
| 9,120,527                              | 9,079,572                         | 1,537,749                              | 19,737,848                | 5,961,383                       | 42,669,230                    | NEW YORK                 |
| 9,974,624                              | 6,444,851                         | 978,413                                | 17,397,888                | 3,238,368                       | 35,425,976                    | NORTH CAROLINA           |
| 6,511,162                              | 3,038,953                         | 659,987                                | 10,210,102                | 7,769,555                       | 27,262,569                    | NORTH CAROLINA STATE     |
| 6,851,891                              | 4,529,603                         | 634,158                                | 12,015,652                | 2,365,352                       | 27,457,411                    | NORTHWESTERN             |
| 4,800,541                              | 4,881,192                         | 467,891                                | 10,149,624                | 2,516,935                       | 23,257,537                    | NOTRE DAME               |
| 3,027,405                              | 2,144,935                         | 656,222                                | 5,828,562                 | 1,141,651                       | 12,349,302                    | OHIO                     |
| 8,204,846                              | 5,580,715                         | 2,596,819                              | 16,382,380                | 4,335,933                       | 32,480,575                    | OHIO STATE               |
| 2,980,557                              | 2,365,923                         | 923,917                                | 6,270,397                 | 1,428,066                       | 20,844,144                    | OKLAHOMA                 |
| 4,431,741                              | 2,613,307                         | 594,180                                | 7,639,228                 | 1,757,571                       | 16,147,363                    | OKLAHOMA STATE           |
| 3,572,371                              | 2,585,207                         | 1,031,706                              | 7,189,284                 | 1,526,216                       | 14,988,631                    | OREGON                   |
| 7,650,003                              | 6,865,547                         | 1,422,438                              | 15,937,988                | 4,607,443                       | 35,258,073                    | PENNSYLVANIA             |
| 9,708,146                              | 13,790,638                        | 801,629                                | 24,300,413                | 7,197,319                       | 50,251,356                    | PENNSYLVANIA STATE       |
| 6,451,993                              | 4,729,521                         | 806,516                                | 11,988,030                | 3,244,787                       | 29,890,593                    | PITTSBURGH               |
| 9,318,475                              | 7,786,525                         | 936,573                                | 18,041,573                | 4,791,320                       | 41,813,758                    | PRINCETON                |
| 5,315,322                              | 4,344,324                         | 858,055                                | 10,517,701                | 4,183,789                       | 24,904,422                    | PURDUE                   |
| 2,507,183                              | 3,986,243                         | 245,093                                | 6,738,519                 | 1,559,479                       | 16,884,844                    | QUEENS                   |
| 3,556,073                              | 1,532,301                         | 151,964                                | 5,240,338                 | 1,264,492                       | 16,450,416                    | RICE                     |
| 5,847,111                              | 2,135,276                         | 507,718                                | 8,490,105                 | 3,043,748                       | 18,820,047                    | ROCHESTER                |

## EXPENDITURES

|                          |        | Monographs | Current Serials | Other Library Materials | Miscellaneous Materials | Total Library Materials | Contract Binding |
|--------------------------|--------|------------|-----------------|-------------------------|-------------------------|-------------------------|------------------|
| (Survey Question Number) |        | (15a)      | (15b)           | (15c)                   | (15d)                   | (15)                    | (16)             |
| INSTITUTION              | Notes  |            |                 |                         |                         |                         |                  |
| RUTGERS                  | BGL+   | 1,448,843  | 7,246,081       | 1,026,047               | 348,342                 | 10,069,313              | 102,955          |
| SASKATCHEWAN             | LM+    | 2,754,796  | 10,634,265      | UA / NA                 | 181,447                 | 13,570,510              | 67,777           |
| SOUTH CAROLINA           | LM+    | 1,258,268  | 5,841,296       | 234,156                 | 69,739                  | 7,403,459               | 175,797          |
| SOUTHERN CALIFORNIA      | BGLM+  | 2,787,836  | 5,960,394       | 183,622                 | 196,295                 | 9,128,147               | 159,284          |
| SOUTHERN ILLINOIS        | bLM+   | 721,286    | 5,978,520       | 167,920                 | 254,243                 | 7,121,969               | 122,154          |
| SUNY-ALBANY              | G+     | 819,096    | 4,041,387       | 29,785                  | 244,308                 | 5,134,576               | 59,995           |
| SUNY-BUFFALO             | GLM+   | 1,000,850  | 6,930,287       | 189,914                 | 158,936                 | 8,279,987               | 59,202           |
| SUNY-STONY BROOK         | M+     | 655,405    | 5,399,616       | 142,047                 | 472,012                 | 6,669,080               | 23,858           |
| SYRACUSE                 | GL+    | 1,089,789  | 4,834,979       | 463,108                 | 70,000                  | 6,457,876               | 60,398           |
| TEMPLE                   | BbGLM+ | 2,455,687  | 5,077,877       | 3,719,143               | 6,731                   | 11,259,438              | 117,409          |
| TENNESSEE                | BbGLM+ | 2,118,762  | 9,122,294       | 454,716                 | 373,449                 | 12,069,221              | 141,056          |
| TEXAS                    | GL+    | 5,909,468  | 8,663,789       | 3,272,837               | 930                     | 17,847,024              | 175,860          |
| TEXAS A&M                | BG+    | 4,988,224  | 10,122,787      | 390,953                 | 4,393                   | 15,506,357              | 140,064          |
| TEXAS TECH               | BLM+   | 1,974,817  | 7,348,502       | 186,911                 | 691,318                 | 10,201,548              | 128,077          |
| TORONTO                  | BL+    | 7,745,267  | 10,693,042      | 4,017,294               | UA / NA                 | 22,455,604              | 337,023          |
| TULANE                   | BLM+   | 1,457,940  | 5,877,658       | 591,745                 | 116,800                 | 8,044,143               | 46,219           |
| UTAH                     | LM+    | 1,768,644  | 5,594,510       | 59,125                  | 119,441                 | 7,541,720               | 134,214          |
| VANDERBILT               | GLM+   | 1,794,514  | 9,117,340       | 205,134                 | 39,800                  | 11,156,788              | 120,442          |
| VIRGINIA                 | GLM+   | 2,097,078  | 7,277,605       | 1,283,550               | 133,390                 | 10,791,623              | 135,939          |
| VIRGINIA TECH            | G+     | 1,597,511  | 5,537,692       | .                       | 457,108                 | 7,592,311               | 41,785           |
| WASHINGTON               | GLM+   | 4,454,883  | 11,353,616      | 195,718                 | 157,727                 | 16,161,944              | 240,870          |
| WASHINGTON STATE         | BG+    | 1,060,469  | 5,277,415       | 38,440                  | 85,922                  | 6,462,246               | 49,489           |
| WASHINGTON U.-ST. LOUIS  | GLM+   | 1,245,570  | 8,505,527       | 1,267,944               | 948                     | 11,019,989              | 104,749          |
| WATERLOO                 | G+     | 1,009,391  | 3,967,937       | 575,874                 | 374,380                 | 5,927,582               | 52,725           |
| WAYNE STATE              | G+     | 1,138,986  | 6,516,900       | 0                       | 688,232                 | 8,344,118               | 55,681           |
| WESTERN ONTARIO          | GL+    | 1,996,420  | 8,285,448       | UA / NA                 | 0                       | 10,281,868              | 103,943          |
| WISCONSIN                | GLM+   | 2,348,078  | 6,360,140       | 2,133,006               | 401,343                 | 11,242,567              | 206,623          |
| YALE                     | GLM+   | 11,120,178 | 6,473,495       | 16,348,796              | 0                       | 33,942,469              | 485,892          |
| YORK                     | BG+    | 1,882,723  | 6,654,667       | 158,144                 | 82,889                  | 8,778,423               | 138,583          |
| BOSTON PUBLIC            | G      | 4,489,805  | 910,335         | 1,042,077               | 55,834                  | 6,498,051               | 19,158           |
| CISTI                    | G+     | 508,455    | 9,503,237       | 349,711                 | 81,412                  | 10,442,816              | UA / NA          |
| CENTER FOR RESEARCH LIBS | G+     | 95,649     | 283,518         | 681,579                 | 11,403                  | 1,072,149               | UA / NA          |
| LIBRARY OF CONGRESS      | bG+    | 5,480,910  | 3,760,102       | 6,839,289               | 1,317,813               | 17,398,114              | 1,205,946        |
| NATL AGRICULTURAL LIB    | G+     | 334,605    | 3,314,262       | 911,467                 | 0                       | 4,560,334               | 0                |
| LIB & ARCHIVES CANADA    | G+     | 585,587    | 408,710         | 311,848                 | 102,789                 | 1,408,933               | UA / NA          |
| NATL LIB OF MEDICINE     | +      | 1,143,405  | 7,199,043       | 166,712                 | 0                       | 8,509,160               | 170,261          |
| NEW YORK PUBLIC          | bG+    | 5,856,985  | 5,064,872       | 3,183,036               | UA / NA                 | 14,104,893              | 605,709          |
| NEW YORK STATE           | +      | 1,294,066  | 2,658,734       | UA / NA                 | 0                       | 3,952,799               | 32,331           |
| SMITHSONIAN              | b+     | 388,263    | 983,283         | 0                       | 0                       | 1,371,546               | 25,000           |

+ - See Footnotes  
L - Includes Law library  
M- Includes Medical library

G - Government documents not included in serials count  
B - Includes branch campuses  
b - Basis of volume count is bibliographic

U / A - Unavailable  
N / A - Not Applicable  
. - no data supplied



## EXPENDITURES

| Salaries & Wages<br>Professional Staff | Salaries & Wages<br>Support Staff | Salaries & Wages<br>Student Assistants | Salaries & Wages<br>Total | Other Operating<br>Expenditures | Total Library<br>Expenditures |                          |
|--|-----------------------------------|--|---------------------------|---------------------------------|-------------------------------|--------------------------|
| (17a)                                  | (17b)                             | (17c)                                  | (17)                      | (19)                            | (20)                          | (Survey Question Number) |
| INSTITUTION                            |                                   |  |                           |                                 |                               |                          |
| 7,059,838                              | 10,311,982                        | 1,108,177                              | 18,479,997                | 2,001,428                       | 30,653,693                    | RUTGERS                  |
| 3,745,560                              | 3,574,467                         | 381,098                                | 7,701,125                 | 788,499                         | 22,127,910                    | SASKATCHEWAN             |
| 4,034,378                              | 3,244,113                         | 585,954                                | 7,864,445                 | 5,499,703                       | 20,943,404                    | SOUTH CAROLINA           |
| 8,257,751                              | 5,635,473                         | 2,119,164                              | 16,012,388                | 9,581,611                       | 34,881,430                    | SOUTHERN CALIFORNIA      |
| 2,794,008                              | 2,753,679                         | 940,961                                | 6,488,648                 | 831,320                         | 14,564,091                    | SOUTHERN ILLINOIS        |
| 3,705,260                              | 2,188,428                         | 504,454                                | 6,398,142                 | 418,115                         | 12,010,828                    | SUNY-ALBANY              |
| 7,676,168                              | 1,388,882                         | 1,118,024                              | 10,183,074                | 1,532,638                       | 20,054,901                    | SUNY-BUFFALO             |
| 5,060,687                              | 839,968                           | 474,445                                | 6,375,100                 | 634,237                         | 13,702,275                    | SUNY-STONY BROOK         |
| 4,234,330                              | 4,312,625                         | 402,760                                | 8,949,715                 | 1,381,942                       | 16,849,931                    | SYRACUSE                 |
| 4,466,122                              | 2,502,536                         | 618,133                                | 7,586,791                 | 2,316,996                       | 21,280,634                    | TEMPLE                   |
| 5,042,671                              | 3,689,278                         | 698,055                                | 9,430,004                 | 1,169,946                       | 22,810,227                    | TENNESSEE                |
| 8,773,908                              | 10,571,420                        | 1,540,504                              | 20,885,832                | 6,135,379                       | 45,044,095                    | TEXAS                    |
| 7,313,196                              | 3,434,879                         | 920,685                                | 11,668,760                | 5,281,464                       | 32,596,645                    | TEXAS A&M                |
| 4,317,906                              | 3,095,957                         | 1,070,993                              | 8,484,856                 | 3,820,965                       | 22,635,446                    | TEXAS TECH               |
| 14,457,539                             | 13,998,575                        | 3,425,198                              | 31,881,312                | 5,670,468                       | 60,344,407                    | TORONTO                  |
| 2,686,651                              | 2,047,168                         | 218,092                                | 4,951,911                 | 932,599                         | 13,974,872                    | TULANE                   |
| 4,073,240                              | 5,789,310                         | 1,533,658                              | 11,396,208                | 5,569,790                       | 24,641,932                    | UTAH                     |
| 6,075,995                              | 3,346,172                         | 495,482                                | 9,917,649                 | 3,478,211                       | 24,673,090                    | VANDERBILT               |
| 7,378,043                              | 9,770,788                         | 1,138,979                              | 18,287,810                | 5,229,109                       | 34,444,481                    | VIRGINIA                 |
| 2,144,583                              | 2,581,953                         | 424,098                                | 5,150,634                 | 931,026                         | 13,715,756                    | VIRGINIA TECH            |
| 11,076,296                             | 7,544,615                         | 2,141,349                              | 20,762,260                | 4,418,662                       | 41,583,736                    | WASHINGTON               |
| 2,915,275                              | 3,032,426                         | 597,597                                | 6,545,298                 | 1,606,793                       | 14,663,826                    | WASHINGTON STATE         |
| 5,689,772                              | 3,377,235                         | 737,491                                | 9,804,498                 | 6,494,777                       | 27,424,013                    | WASHINGTON U.-ST. LOUIS  |
| 2,336,453                              | 3,261,849                         | 694,154                                | 6,292,457                 | 1,477,403                       | 13,750,166                    | WATERLOO                 |
| 4,924,686                              | 2,911,733                         | 1,396,419                              | 9,232,838                 | 1,967,062                       | 19,599,699                    | WAYNE STATE              |
| 3,763,959                              | 3,440,328                         | 288,122                                | 7,492,409                 | 895,233                         | 18,773,453                    | WESTERN ONTARIO          |
| 13,665,209                             | 6,108,094                         | 2,793,582                              | 22,566,885                | 7,520,477                       | 41,536,552                    | WISCONSIN                |
| 18,962,676                             | 13,124,955                        | 1,037,218                              | 33,124,849                | 9,850,702                       | 77,403,912                    | YALE                     |
| 4,602,868                              | 4,300,692                         | 1,059,602                              | 9,963,163                 | 1,678,855                       | 20,559,023                    | YORK                     |
| 11,268,131                             | 11,477,390                        | 557,365                                | 23,302,886                | 12,310,080                      | 42,130,175                    | BOSTON PUBLIC            |
| UA / NA                                | UA / NA                           | UA / NA                                | 18,201,007                | 15,564,426                      | 44,208,249                    | CISTI                    |
| 1,452,407                              | 517,690                           | 228,963                                | 2,199,060                 | 969,223                         | 4,240,432                     | CENTER FOR RESEARCH LIBS |
| 310,868,000                            | UA / NA                           | UA / NA                                | 310,868,000               | 296,963,939                     | 626,435,999                   | LIBRARY OF CONGRESS      |
| 12,275,687                             | 3,112,791                         | 44,978                                 | 15,433,456                | 8,910,310                       | 28,904,100                    | NATL AGRICULTURAL LIB    |
| 45,469,195                             | 17,403,942                        | 6,012,885                              | 68,886,021                | UA / NA                         | 70,294,955                    | LIB & ARCHIVES CANADA    |
| 16,648,448                             | 3,211,831                         | 458,990                                | 20,319,269                | 30,152,310                      | 59,151,000                    | NATL LIB OF MEDICINE     |
| 28,926,208                             | UA / NA                           | 1,607,957                              | 30,534,165                | 10,364,758                      | 55,609,525                    | NEW YORK PUBLIC          |
| UA / NA                                | UA / NA                           | UA / NA                                | 6,875,896                 | 927,245                         | 11,788,271                    | NEW YORK STATE           |
| 4,443,761                              | 2,190,139                         | 0                                      | 6,633,900                 | 1,178,324                       | 9,208,770                     | SMITHSONIAN              |

## SUMMARY DATA: EXPENDITURES

|                                | Monographs  | Current Serials | Other Library<br>Materials | Miscellaneous<br>Materials | Total Library<br>Materials | Contract Binding |
|--------------------------------|-------------|-----------------|----------------------------|----------------------------|----------------------------|------------------|
| (Survey Question Number)       | (15a)       | (15b)           | (15c)                      | (15d)                      | (15)                       | (16)             |
| <b>UNIVERSITY LIBRARIES</b>    |             |                 |                            |                            |                            |                  |
| Mean                           | 2,639,107   | 7,025,618       | 886,433                    | 325,321                    | 10,794,656                 | 172,902          |
| Median                         | 2,027,895   | 6,543,407       | 367,637                    | 225,290                    | 9,594,560                  | 128,963          |
| High                           | 11,120,178  | 13,564,480      | 16,348,796                 | 1,845,314                  | 33,942,469                 | 1,045,478        |
| Low                            | 211,419     | 3,123,358       | 0                          | 0                          | 3,543,513                  | 23,858           |
| Totals                         | 295,579,980 | 786,869,271     | 94,848,287                 | 35,785,333                 | 1,219,796,179              | 19,537,975       |
| Number of Libraries Reporting  | 112         | 112             | 107                        | 110                        | 113                        | 113              |
| <b>NONUNIVERSITY LIBRARIES</b> |             |                 |                            |                            |                            |                  |
| Median                         | 864,496     | 2,986,498       | 681,579                    | 11,403                     | 5,529,193                  | 32,331           |
| Totals                         | 20,177,730  | 34,086,095      | 13,485,719                 | 1,569,251                  | 69,318,795                 | 2,058,405        |
| Number of Libraries Reporting  | 10          | 10              | 9                          | 9                          | 10                         | 7                |
| <b>GRAND TOTALS</b>            | 315,757,710 | 820,955,367     | 108,334,005                | 37,354,584                 | 1,289,114,974              | 21,561,640       |

## SUMMARY DATA: EXPENDITURES

| Salaries & Wages<br>Professional Staff | Salaries & Wages<br>Support Staff | Salaries & Wages<br>Student Assistants | Salaries & Wages<br>Total | Other Operating<br>Expenditures | Total Library<br>Expenditures |                               |
|--|-----------------------------------|--|---------------------------|---------------------------------|-------------------------------|-------------------------------|
| (17a)                                  | (17b)                             | (17c)                                  | (17)                      | (19)                            | (20)                          | (Survey Question Number)      |
| <b>UNIVERSITY LIBRARIES</b>            |                                   |  |                           |                                 |                               |                               |
| 6,195,496                              | 4,882,221                         | 914,051                                | 11,980,677                | 3,271,122                       | 26,219,358                    | Mean                          |
| 4,965,677                              | 3,940,906                         | 692,460                                | 9,676,265                 | 2,620,243                       | 22,635,446                    | Median                        |
| 38,968,403                             | 20,409,253                        | 3,425,198                              | 61,015,190                | 19,111,716                      | 110,849,458                   | High                          |
| 2,144,583                              | 839,968                           | 121,364                                | 4,535,114                 | 418,115                         | 9,916,198                     | Low                           |
| 693,895,583                            | 546,808,791                       | 102,373,675                            | 1,353,816,491             | 369,636,830                     | 2,962,787,475                 | Totals                        |
| 112                                    | 112                               | 112                                    | 113                       | 113                             | 113                           | Number of Libraries Reporting |
| <b>NONUNIVERSITY LIBRARIES</b>         |                                   |  |                           |                                 |                               |                               |
| 14,462,068                             | 3,162,311                         | 458,990                                | 19,260,138                | 10,364,758                      | 43,169,212                    | Median                        |
| 431,351,837                            | 37,913,783                        | 8,911,138                              | 503,253,660               | 377,340,615                     | 951,971,475                   | Totals                        |
| 8                                      | 6                                 | 7                                      | 10                        | 9                               | 10                            | Number of Libraries Reporting |
| 1,125,247,420                          | 584,722,574                       | 111,284,813                            | 1,857,070,151             | 746,977,445                     | 3,914,758,950                 | <b>GRAND TOTALS</b>           |

## ELECTRONIC RESOURCES EXPENDITURES

|                           |        | One-time Electronic<br>Resource Purchases | Ongoing Electronic<br>ResourceP urchases | Total Electronic<br>Resource Purchases | Total Library Materials<br>Expenditures | Electronic Resources<br>as a % of Library<br>Materials Budget |
|---------------------------|--------|---|--|--|---|---|
| (SurveyQuestionNumber)    |        | (21)                                      | (22)                                     | (21 + 22)                              | (15)                                    |   |
| INSTITUTION               | Notes  |   |  |  |   |   |
| ALABAMA                   | bGLM+  | 96,458                                    | 3,390,855                                | 3,487,313                              | 7,032,660                               | 49.59   |
| ALBERTA                   | G+     | 1,526,318                                 | 6,740,241                                | 8,266,559                              | 16,330,216                              | 50.62   |
| ARIZONA                   | bGLM+  | 522,992                                   | 6,069,112                                | 6,592,104                              | 12,573,693                              | 52.43   |
| ARIZONA STATE             | BGL+   | 845,750                                   | 5,422,609                                | 6,268,359                              | 12,192,366                              | 51.41   |
| AUBURN                    | G+     | 91,778                                    | 3,476,257                                | 3,568,035                              | 5,543,546                               | 64.36   |
| BOSTON                    | LM+    | 130,308                                   | 2,141,200                                | 2,271,508                              | 8,087,754                               | 28.09   |
| BOSTON COLLEGE            | bL+    | 324,767                                   | 2,946,434                                | 3,271,201                              | 8,483,648                               | 38.56   |
| BRIGHAM YOUNG             | GL+    | UA/NA                                     | 2,678,255                                | 2,678,255                              | 9,594,560                               | 27.91   |
| BRITISH COLUMBIA          | G+     | 116,900                                   | 6,910,678                                | 7,027,578                              | 14,967,690                              | 46.95   |
| BROWN                     | bG+    | 83,532                                    | 3,416,361                                | 3,499,893                              | 8,219,812                               | 42.58   |
| CALIFORNIA, BERKELEY      | GL+    | 495,755                                   | 4,760,041                                | 5,255,796                              | 19,715,862                              | 26.66   |
| CALIFORNIA, DAVIS         | GLM+   | 835,659                                   | 2,986,823                                | 3,822,482                              | 8,791,741                               | 43.48   |
| CALIFORNIA, IRVINE        | bGM+   | 262,277                                   | 4,239,280                                | 4,501,557                              | 8,630,487                               | 52.16   |
| CALIFORNIA, LOS ANGELES   | GLM+   | 414,148                                   | 3,938,373                                | 4,352,521                              | 14,893,015                              | 29.23   |
| CALIFORNIA, RIVERSIDE     | G+     | 2,628                                     | 2,079,953                                | 2,082,581                              | 6,176,930                               | 33.72   |
| CALIFORNIA, SAN DIEGO     | bGM+   | 154,363                                   | 4,391,705                                | 4,546,068                              | 8,501,529                               | 53.47   |
| CALIFORNIA, SANTA BARBARA |        | 0   | 2,637,746                                | 2,637,746                              | 5,423,851                               | 48.63   |
| CASE WESTERN RESERVE      | bGLM+  | 116,116                                   | 3,093,329                                | 3,209,445                              | 6,332,322                               | 50.68   |
| CHICAGO                   | bGLM+  | 747,862                                   | 4,664,735                                | 5,412,597                              | 16,130,090                              | 33.56   |
| CINCINNATI                | GLM+   | 279,778                                   | 4,898,479                                | 5,178,257                              | 9,600,793                               | 53.94   |
| COLORADO                  | bGL+   | 768,900                                   | 4,842,632                                | 5,611,532                              | 9,633,354                               | 58.25   |
| COLORADO STATE            | G+     | 198,280                                   | 3,531,548                                | 3,729,828                              | 6,279,281                               | 59.40   |
| COLUMBIA                  | GLM+   | 1,586,986                                 | 8,137,564                                | 9,724,550                              | 22,247,648                              | 43.71   |
| CONNECTICUT               | BGLM+  | 326,951                                   | 4,845,551                                | 5,172,502                              | 8,917,973                               | 58.00   |
| CORNELL                   | BGL+   | 222,333                                   | 5,858,202                                | 6,080,535                              | 15,012,671                              | 40.50   |
| DARTMOUTH                 | GM+    | 164,754                                   | 4,653,532                                | 4,818,286                              | 8,399,585                               | 57.36   |
| DELAWARE                  | +      | 530,874                                   | 4,420,585                                | 4,951,459                              | 8,380,119                               | 59.09   |
| DUKE                      | bLM+   | 2,430,253                                 | 4,328,015                                | 6,758,268                              | 16,736,707                              | 40.38   |
| EMORY                     | BGLM+  | 270,294                                   | 3,724,726                                | 3,995,020                              | 15,885,660                              | 25.15   |
| FLORIDA                   | BbLM+  | 318,885                                   | 4,621,286                                | 4,940,171                              | 11,844,826                              | 41.71   |
| FLORIDA STATE             | BbGLM+ | 382,701                                   | 4,244,829                                | 4,627,530                              | 6,840,347                               | 67.65   |
| GEORGE WASHINGTON         | GLM+   | 382,926                                   | 3,277,857                                | 3,660,783                              | 10,130,875                              | 36.13   |
| GEORGETOWN                | bGLM+  | 328,271                                   | 3,651,311                                | 3,979,582                              | 10,811,711                              | 36.81   |
| GEORGIA                   | GL+    | 409,516                                   | 5,537,840                                | 5,947,356                              | 11,819,042                              | 50.32   |
| GEORGIA TECH              | G+     | 449,368                                   | 3,471,751                                | 3,921,119                              | 5,913,698                               | 66.31   |
| GUELPH                    | BG+    | 216,560                                   | 3,128,205                                | 3,344,765                              | 5,408,772                               | 61.84   |
| HARVARD                   | GLM+   | 6,681,995                                 | UA/NA                                    | 6,681,995                              | 29,677,074                              | 22.52   |
| HAWAII                    | GLM+   | 0   | 3,926,834                                | 3,926,834                              | 7,859,038                               | 49.97   |
| HOUSTON                   | bL+    | 360,177                                   | 2,315,582                                | 2,675,759                              | 8,296,080                               | 32.25   |
| HOWARD                    | bGLM+  | 89,780                                    | 1,677,092                                | 1,766,872                              | 3,543,513                               | 49.86   |
| ILLINOIS, CHICAGO         | M+     | 75,548                                    | 3,266,139                                | 3,341,687                              | 8,528,000                               | 39.18   |
| ILLINOIS, URBANA          | bGL+   | UA/NA                                     | 5,369,858                                | 5,369,858                              | 14,530,720                              | 36.96   |

## ELECTRONIC RESOURCES EXPENDITURES

| Bibl. Utilities, Networks, etc.<br>Library Expenditures | Bibl. Utilities, Networks, etc.<br>External Expenditures | Computer Hardware and<br>Software Expenditures | Document Delivery/<br>Interlibrary Loan<br>Expenditures | (25) (Survey Question Number) | INSTITUTION               |
|---|--|--|---|-------------------------------|---------------------------|
| (23a)   | (23b)  | (24)   |   |                               |                           |
| 338,549   | 11,295   | 215,397  | 28,648  |                               | ALABAMA                   |
| UA / NA   | UA / NA  | UA / NA  | UA / NA   |                               | ALBERTA                   |
| 13,449  | 0  | 1,076,532                                      | 102,882   |                               | ARIZONA                   |
| 606,017   | 0  | 810,934  | 349,548   |                               | ARIZONA STATE             |
| 171,618   | 150,000  | 523,047  | 83,794  |                               | AUBURN                    |
| 174,837   | UA / NA  | 237,721  | 45,741  |                               | BOSTON                    |
| 135,080   | UA / NA  | 161,719  | 32,137  |                               | BOSTON COLLEGE            |
| 545,652   | UA / NA  | 664,633  | 60,679  |                               | BRIGHAM YOUNG             |
| 335,851   | 0  | 261,249  | 147,400   |                               | BRITISH COLUMBIA          |
| 193,378   | 42,500   | 164,008  | 161,352   |                               | BROWN                     |
| 630,762   | 1,153,935  | 455,331  | 56,136  |                               | CALIFORNIA, BERKELEY      |
| 146,127   | 1,008,158  | 539,455  | 148,972   |                               | CALIFORNIA, DAVIS         |
| 106,900   | 920,692  | 419,391  | 69,590  |                               | CALIFORNIA, IRVINE        |
| 425,628   | 1,285,271  | 3,293,083                                      | 292,743   |                               | CALIFORNIA, LOS ANGELES   |
| 219,174   | 562,458  | 253,802  | 47,374  |                               | CALIFORNIA, RIVERSIDE     |
| UA / NA   | 937,396  | 1,324,626                                      | 214,249   |                               | CALIFORNIA, SAN DIEGO     |
| 102,000   | 0  | 463,854  | 163,016   |                               | CALIFORNIA, SANTA BARBARA |
| 94,453  | 138,531  | 239,975  | 29,875  |                               | CASE WESTERN RESERVE      |
| 229,791   | 250,000  | 444,272  | 200,287   |                               | CHICAGO                   |
| 192,019   | 486,983  | 1,055,740                                      | 17,307  |                               | CINCINNATI                |
| 0   | 30,830   | 180,146  | 109,061   |                               | COLORADO                  |
| 265,907   | 251,157  | 683,228  | 274,641   |                               | COLORADO STATE            |
| 502,129   | 0  | 1,086,519                                      | 86,888  |                               | COLUMBIA                  |
| 132,621   | 1,894,322  | 522,445  | 102,398   |                               | CONNECTICUT               |
| 296,191   | 0  | 1,502,913                                      | 142,539   |                               | CORNELL                   |
| UA / NA   | UA / NA  | 200,639  | 119,546   |                               | DARTMOUTH                 |
| 77,729  | 0  | 333,123  | 51,105  |                               | DELAWARE                  |
| 357,944   | 3,359  | 825,484  | 38,077  |                               | DUKE                      |
| 212,442   | 220,683  | 470,115  | 77,094  |                               | EMORY                     |
| 161,382   | 592,429  | 171,264  | 70,563  |                               | FLORIDA                   |
| 194,125   | 600,621  | 265,035  | 79,901  |                               | FLORIDA STATE             |
| 775,955   | 35,663   | 667,463  | 95,908  |                               | GEORGE WASHINGTON         |
| 214,474   | 9,071  | 536,511  | 50,831  |                               | GEORGETOWN                |
| 155,968   | 0  | 349,566  | 694   |                               | GEORGIA                   |
| 125,000   | 0  | 344,486  | 291,947   |                               | GEORGIA TECH              |
| UA / NA   | 0  | 386,117  | 91,429  |                               | GUELPH                    |
| 2,251,334   | UA / NA  | 1,254,502                                      | UA / NA   |                               | HARVARD                   |
| 186,859   | 0  | 225,393  | 135,882   |                               | HAWAII                    |
| 441,637   | 0  | 640,465  | 24,157  |                               | HOUSTON                   |
| 44,213  | 0  | 29,574   | 18,400  |                               | HOWARD                    |
| 41,771  | UA / NA  | UA / NA  | UA / NA   |                               | ILLINOIS, CHICAGO         |
| 306,685   | UA / NA  | 550,763  | 4,852   |                               | ILLINOIS, URBANA          |

## ELECTRONIC RESOURCES EXPENDITURES

|                          |        | One-time Electronic<br>Resource Purchases | Ongoing Electronic<br>Resource Purchases | Total Electronic<br>Resource Purchases | Total Library Materials<br>Expenditures | Electronic Resources<br>as a % of Library<br>Materials Budget |
|--------------------------|--------|---|--|--|---|---|
| (Survey Question Number) |        | (21)                                      | (22)                                     | (21 + 22)                              | (15)                                    |   |
| INSTITUTION              | Notes  |   |  |  |   |   |
| INDIANA                  | +      | 1,139,440                                 | 4,641,449                                | 5,780,889                              | 13,222,486                              | 43.72   |
| IOWA                     | bLM+   | 447,837                                   | 5,142,645                                | 5,590,482                              | 13,026,345                              | 42.92   |
| IOWA STATE               | G+     | 76,987                                    | 5,690,672                                | 5,767,659                              | 9,245,223                               | 62.39   |
| JOHNS HOPKINS            | BGM+   | 46,635                                    | 7,340,944                                | 7,387,579                              | 14,195,523                              | 52.04   |
| KANSAS                   | BbGLM+ | 142,543                                   | 2,659,911                                | 2,802,454                              | 8,602,406                               | 32.58   |
| KENT STATE               | BbG+   | 29,278                                    | 1,683,205                                | 1,712,483                              | 3,874,159                               | 44.20   |
| KENTUCKY                 | GLM+   | 563,703                                   | 3,215,958                                | 3,779,661                              | 10,075,915                              | 37.51   |
| LAVAL                    | G+     | 361,363                                   | 4,333,353                                | 4,694,716                              | 9,224,402                               | 50.89   |
| LOUISIANA STATE          | GLM+   | 595,656                                   | 2,915,248                                | 3,510,904                              | 7,608,658                               | 46.14   |
| LOUISVILLE               | BGLM+  | 38,619                                    | 2,639,526                                | 2,678,145                              | 6,332,778                               | 42.29   |
| MCGILL                   | BbG+   | 905,247                                   | 6,581,369                                | 7,486,616                              | 12,172,462                              | 61.50   |
| MCMASTER                 | GM+    | 669,177                                   | 4,549,417                                | 5,218,594                              | 7,019,014                               | 74.35   |
| MANITOBA                 | G+     | 809,173                                   | 2,977,085                                | 3,786,258                              | 7,181,952                               | 52.72   |
| MARYLAND                 |        | 56,703                                    | 1,845,314                                | 1,902,017                              | 9,401,463                               | 20.23   |
| MASSACHUSETTS            | G+     | 168,160                                   | 3,004,150                                | 3,172,310                              | 5,854,922                               | 54.18   |
| MIT                      | G+     | 440,286                                   | 3,816,106                                | 4,256,392                              | 8,228,345                               | 51.73   |
| MIAMI                    | GLM+   | 1,326,277                                 | 5,996,855                                | 7,323,132                              | 13,828,140                              | 52.96   |
| MICHIGAN                 | GLM+   | 352,802                                   | 5,501,967                                | 5,854,769                              | 20,521,937                              | 28.53   |
| MICHIGAN STATE           | GL+    | 557,787                                   | 4,880,355                                | 5,438,142                              | 10,562,324                              | 51.49   |
| MINNESOTA                | bGLM+  | 1,063,518                                 | 5,381,836                                | 6,445,354                              | 15,695,613                              | 41.06   |
| MISSOURI                 | L+     | 15,570                                    | 5,373,123                                | 5,388,693                              | 8,389,722                               | 64.23   |
| MONTREAL                 | GLM+   | 139,316                                   | 5,089,434                                | 5,228,750                              | 10,533,596                              | 49.64   |
| NEBRASKA                 | GL+    | 231,682                                   | 1,968,970                                | 2,200,652                              | 6,226,322                               | 35.34   |
| NEW MEXICO               | GLM+   | 1,245,810                                 | 2,682,466                                | 3,928,276                              | 7,081,803                               | 55.47   |
| NEW YORK                 | bGLM+  | 945,142                                   | 6,958,427                                | 7,903,569                              | 16,402,378                              | 48.19   |
| NORTH CAROLINA           | GLM+   | 631,096                                   | 2,993,059                                | 3,624,155                              | 14,551,148                              | 24.91   |
| NORTH CAROLINA STATE     | G+     | 404,779                                   | 3,175,600                                | 3,580,379                              | 9,090,707                               | 39.39   |
| NORTHWESTERN             | BGLM+  | 1,084,498                                 | 5,340,326                                | 6,424,824                              | 12,911,252                              | 49.76   |
| NOTRE DAME               | bGL+   | 654,447                                   | 4,584,048                                | 5,238,495                              | 10,496,179                              | 49.91   |
| OHIO                     | BbG+   | 186,790                                   | 2,480,887                                | 2,667,677                              | 5,333,771                               | 50.01   |
| OHIO STATE               | bGLM+  | 549,381                                   | 4,561,792                                | 5,111,173                              | 11,448,889                              | 44.64   |
| OKLAHOMA                 | GLM+   | 1,728,630                                 | 2,108,158                                | 3,836,788                              | 12,966,567                              | 29.59   |
| OKLAHOMA STATE           | BGM+   | UA/NA                                     | UA/NA                                    | 0                                      | 6,713,308                               | UA/NA   |
| OREGON                   | bGL+   | 120,466                                   | 2,298,297                                | 2,418,763                              | 6,159,104                               | 39.27   |
| PENNSYLVANIA             | GLM+   | UA/NA                                     | 5,558,118                                | 5,558,118                              | 14,426,982                              | 38.53   |
| PENNSYLVANIA STATE       | BGLM+  | 535,830                                   | 8,912,242                                | 9,448,072                              | 18,306,551                              | 51.61   |
| PITTSBURGH               | BGLM+  | 627,951                                   | 8,201,136                                | 8,829,087                              | 14,438,533                              | 61.15   |
| PRINCETON                | b+     | 3,563,271                                 | 3,158,131                                | 6,721,402                              | 18,428,119                              | 36.47   |
| PURDUE                   | G+     | 0   | 6,516,459                                | 6,516,459                              | 10,073,561                              | 64.69   |
| QUEENS                   | LM+    | UA/NA                                     | 5,095,166                                | 5,095,166                              | 8,507,864                               | 59.89   |
| RICE                     | G+     | 687,036                                   | 3,168,833                                | 3,855,869                              | 9,889,566                               | 38.99   |
| ROCHESTER                | bM+    | 43,304                                    | 3,035,711                                | 3,079,015                              | 7,165,032                               | 42.97   |

## ELECTRONIC RESOURCES EXPENDITURES

| Bibl. Utilities, Networks, etc.<br>Library Expenditures | Bibl. Utilities, Networks, etc.<br>External Expenditures | Computer Hardware and<br>Software Expenditures | Document Delivery/<br>Interlibrary Loan<br>Expenditures | (25) (Survey Question Number) |                      |
|---|--|--|---|-------------------------------|----------------------|
| (23a)   | (23b)  | (24)   |   |                               | INSTITUTION          |
| 206,695   | 229,540  | 355,373  | 273,129   |                               | INDIANA              |
| 196,036   | 0  | 701,482  | 295,686   |                               | IOWA                 |
| 89,443  | 0  | 598,266  | 151,431   |                               | IOWA STATE           |
| 245,143   | 8,615  | 404,923  | 156,948   |                               | JOHNS HOPKINS        |
| 375,000   | 7,400  | 684,102  | 224,548   |                               | KANSAS               |
| 102,878   | 553,062  | 359,012  | 10,112  |                               | KENT STATE           |
| 5,000   | 17,296   | 751,432  | 126,951   |                               | KENTUCKY             |
| UA / NA   | UA / NA  | UA / NA  | 87,184  |                               | LAVAL                |
| 336,010   | 137,992  | 156,666  | 74,463  |                               | LOUISIANA STATE      |
| 111,136   | 0  | 253,643  | 24,081  |                               | LOUISVILLE           |
| 203,894   | 0  | 1,446,630                                      | 179,822   |                               | MCGILL               |
| 185,680   | 0  | 595,714  | 98,360  |                               | MCMASTER             |
| UA / NA   | UA / NA  | 241,135  | 155,436   |                               | MANITOBA             |
| 68,868  | .  | 364,695  | 299,117   |                               | MARYLAND             |
| 91,493  | 75,000   | 257,315  | 83,077  |                               | MASSACHUSETTS        |
| 97,433  | 0  | 462,236  | 100,388   |                               | MIT                  |
| 226,887   | 0  | 675,527  | 190,896   |                               | MIAMI                |
| UA / NA   | 116,806  | 1,641,363                                      | 202,147   |                               | MICHIGAN             |
| 305,511   | UA / NA  | 591,530  | 246,099   |                               | MICHIGAN STATE       |
| 234,653   | 245,061  | 1,886,958                                      | 170,432   |                               | MINNESOTA            |
| 131,424   | 0  | 185,884  | 50,731  |                               | MISSOURI             |
| 166,546   | 0  | 554,206  | 174,459   |                               | MONTREAL             |
| 141,082   | 455,670  | 314,426  | 68,819  |                               | NEBRASKA             |
| 663,030   | UA / NA  | 427,644  | 52,955  |                               | NEW MEXICO           |
| UA / NA   | UA / NA  | 1,095,429                                      | 209,835   |                               | NEW YORK             |
| 277,207   | UA / NA  | 381,761  | 176,273   |                               | NORTH CAROLINA       |
| 177,975   | 0  | 696,821  | 164,843   |                               | NORTH CAROLINA STATE |
| 181,303   | UA / NA  | 565,303  | 110,853   |                               | NORTHWESTERN         |
| 251,841   | 181,997  | 545,893  | 73,859  |                               | NOTRE DAME           |
| 70,659  | 481,258  | 397,598  | 10,323  |                               | OHIO                 |
| 129,766   | 1,142,832  | 889,220  | 132,513   |                               | OHIO STATE           |
| 288,017   | 57,787   | 377,060  | 98,783  |                               | OKLAHOMA             |
| UA / NA   | UA / NA  | UA / NA  | 92,982  |                               | OKLAHOMA STATE       |
| 213,941   | 35,995   | 670,148  | 142,934   |                               | OREGON               |
| 624,824   | UA / NA  | 587,873  | 213,815   |                               | PENNSYLVANIA         |
| 339,963   | UA / NA  | 2,244,744                                      | 127,556   |                               | PENNSYLVANIA STATE   |
| UA / NA   | 356,262  | 1,011,892                                      | 102,780   |                               | PITTSBURGH           |
| 558,281   | UA / NA  | 1,654,384                                      | 191,506   |                               | PRINCETON            |
| 161,138   | 241,747  | 778,404  | 213,189   |                               | PURDUE               |
| 125,282   | 313,694  | 361,890  | 30,122  |                               | QUEENS               |
| 153,401   | .  | 351,254  | 37,351  |                               | RICE                 |
| 163,941   | 0  | 686,399  | 100,455   |                               | ROCHESTER            |

## ELECTRONIC RESOURCES EXPENDITURES

|                             |        | One-time Electronic<br>Resource Purchases              | Ongoing Electronic<br>Resource Purchases | Total Electronic<br>Resource Purchases | Total Library Materials<br>Expenditures | Electronic Resources<br>as a % of Library<br>Materials Budget |
|-----------------------------|--------|--|--|--|---|---|
| (Survey Question Number)    |        | (21)   | (22)                                     | (21 + 22)                              | (15)                                    |   |
| INSTITUTION                 | Notes  |  |  |  |   |   |
| RUTGERS                     | BGL+   | 32,534   | 3,689,172                                | 3,721,706                              | 10,069,313                              | 36.96   |
| SASKATCHEWAN                | LM+    | 4,348  | 6,365,302                                | 6,369,649                              | 13,570,510                              | 46.94   |
| SOUTH CAROLINA              | LM+    | 159,197  | 3,919,619                                | 4,078,816                              | 7,403,459                               | 55.09   |
| SOUTHERN CALIFORNIA         | BGLM+  | 695,802  | 6,043,526                                | 6,739,328                              | 9,128,147                               | 73.83   |
| SOUTHERN ILLINOIS           | bLM+   | 52,822   | 3,264,207                                | 3,317,029                              | 7,121,969                               | 46.57   |
| SUNY-ALBANY                 | G+     | 13,109   | 1,643,116                                | 1,656,225                              | 5,134,576                               | 32.26   |
| SUNY-BUFFALO                | GLM+   | 77,172   | 5,036,658                                | 5,113,830                              | 8,279,987                               | 61.76   |
| SUNY-STONY BROOK            | M+     | 32,239   | 3,406,669                                | 3,438,908                              | 6,669,080                               | 51.56   |
| SYRACUSE                    | GL+    | 252,271  | 3,098,191                                | 3,350,462                              | 6,457,876                               | 51.88   |
| TEMPLE                      | BbGLM+ | 1,181,835  | 5,360,838                                | 6,542,673                              | 11,259,438                              | 58.11   |
| TENNESSEE                   | BbGLM+ | 933,271  | 4,240,530                                | 5,173,801                              | 12,069,221                              | 42.87   |
| TEXAS                       | GL+    | 2,815,663  | 6,161,298                                | 8,976,961                              | 17,847,024                              | 50.30   |
| TEXAS A&M                   | BG+    | 1,350,760  | 6,935,581                                | 8,286,341                              | 15,506,357                              | 53.44   |
| TEXAS TECH                  | BLM+   | 8,477  | 3,123,060                                | 3,131,537                              | 10,201,548                              | 30.70   |
| TORONTO                     | BL+    | 295,402  | 3,165,415                                | 3,460,817                              | 22,455,604                              | 15.41   |
| TULANE                      | BLM+   | 146,751  | 2,998,035                                | 3,144,786                              | 8,044,143                               | 39.09   |
| UTAH                        | LM+    | UA/NA  | 1,337,771                                | 1,337,771                              | 7,541,720                               | 17.74   |
| VANDERBILT                  | GLM+   | 489,122  | 6,465,846                                | 6,954,968                              | 11,156,788                              | 62.34   |
| VIRGINIA                    | GLM+   | 315,253  | 4,161,449                                | 4,476,702                              | 10,791,623                              | 41.48   |
| VIRGINIA TECH               | G+     | 239,164  | 4,485,458                                | 4,724,622                              | 7,592,311                               | 62.23   |
| WASHINGTON                  | GLM+   | 889,130  | 5,929,646                                | 6,818,776                              | 16,161,944                              | 42.19   |
| WASHINGTON STATE            | BG+    | 97,864   | 3,519,256                                | 3,617,120                              | 6,462,246                               | 55.97   |
| WASHINGTON U.-ST. LOUIS     | GLM+   | 160,874  | 4,858,989                                | 5,019,863                              | 11,019,989                              | 45.55   |
| WATERLOO                    | G+     | 575,874  | 2,905,444                                | 3,481,318                              | 5,927,582                               | 58.73   |
| WAYNE STATE                 | G+     | 446,912  | 6,039,829                                | 6,486,741                              | 8,344,118                               | 77.74   |
| WESTERN ONTARIO             | GL+    | 59,362   | 6,126,648                                | 6,186,010                              | 10,281,868                              | 60.16   |
| WISCONSIN                   | GLM+   | 502,784  | 4,591,801                                | 5,094,585                              | 11,242,567                              | 45.32   |
| YALE                        | GLM+   | 712,400  | 6,278,800                                | 6,991,200                              | 33,942,469                              | 20.60   |
| YORK                        | BG+    | 839,334  | 3,301,780                                | 4,141,115                              | 8,778,423                               | 47.17   |
| BOSTON PUBLIC               | G      | 70,000   | 425,000                                  | 495,000                                | 6,498,051                               | 7.62  |
| CISTI                       | G+     | 349,711  | 1,491,631                                | 1,841,342                              | 10,442,816                              | 17.63   |
| CENTER FOR RESEARCH LIBS    | G+     | 3,183  | UA/NA                                    | 3,183                                  | 1,072,149                               | 0.30  |
| LIBRARY OF CONGRESS         | bG+    | 747,008  | 1,960,286                                | 2,707,294                              | 17,398,114                              | 15.56   |
| NATL AGRICULTURAL LIB       | G+     | 398,896  | 2,946,089                                | 3,344,985                              | 4,560,334                               | 73.35   |
| LIB & ARCHIVES CANADA       | G+     | UA/NA  | 29,673                                   | 29,673                                 | 1,408,933                               | 2.11  |
| NATL LIB OF MEDICINE        | +      | 4,566  | 193,275                                  | 197,841                                | 8,509,160                               | 2.33  |
| NEW YORK PUBLIC             | bG+    | UA/NA  | 2,025,978                                | 2,025,978                              | 14,104,893                              | 14.36   |
| NEW YORK STATE              | +      | 0  | 474,000                                  | 474,000                                | 3,952,799                               | 11.99   |
| SMITHSONIAN                 | b+     | 139,505  | 328,764                                  | 468,269                                | 1,371,546                               | 34.14   |
| + - See Footnotes           |        | G - Government documents not included in serials count |  | U / A - Unavailable                    |   |   |
| L - Includes Law library    |        | B - Includes branch campuses                           |  | N / A - Not Applicable                 |   |   |
| M- Includes Medical library |        | b - Basis of volume count is bibliographic             |  | . - no data supplied                   |   |   |



## ELECTRONIC RESOURCES EXPENDITURES

| Bibl. Utilities, Networks, etc.<br>Library Expenditures | Bibl. Utilities, Networks, etc.<br>External Expenditures | Computer Hardware and<br>Software Expenditures | Document Delivery/<br>Interlibrary Loan<br>Expenditures |                          |
|---|--|--|---|--------------------------|
| (23a)   | (23b)  | (24)   | (25)  | (Survey Question Number) |
| INSTITUTION   |  |  |   |                          |
| 146,504   | UA/NA  | 284,934  | 51,793  | RUTGERS                  |
| 71,320  | UA/NA  | 432,444  | 90,557  | SASKATCHEWAN             |
| 172,671   | 0  | 552,852  | 101,872   | SOUTH CAROLINA           |
| 1,244,750   | 4,117  | 1,865,816                                      | 101,542   | SOUTHERN CALIFORNIA      |
| 173,127   | 63,180   | 135,108  | 123,352   | SOUTHERN ILLINOIS        |
| 0   | 65,248   | 210,765  | 93,087  | SUNY-ALBANY              |
| UA/NA   | UA/NA  | 220,917  | UA/NA   | SUNY-BUFFALO             |
| 241,554   | UA/NA  | 357,135  | 35,219  | SUNY-STONY BROOK         |
| UA/NA   | UA/NA  | 5,792  | 6,995   | SYRACUSE                 |
| 311,133   | 9,000  | 793,971  | 38,779  | TEMPLE                   |
| 43,375  | 20,029   | 386,756  | 161,124   | TENNESSEE                |
| 164,490   | 0  | 1,681,507                                      | 261,663   | TEXAS                    |
| 62,064  | 399,430  | 1,117,836                                      | 313,153   | TEXAS A&M                |
| 211,982   | 54,750   | 1,976,131                                      | 101,191   | TEXAS TECH               |
| 1,696,943   | UA/NA  | 2,869,853                                      | 45,128  | TORONTO                  |
| 173,523   | 87,328   | 254,270  | 17,074  | TULANE                   |
| 254,087   | 1,568,507  | 1,586,474                                      | 76,896  | UTAH                     |
| 229,542   | UA/NA  | 716,130  | 135,040   | VANDERBILT               |
| 188,576   | 762,983  | 1,356,377                                      | 182,344   | VIRGINIA                 |
| 97,922  | 0  | 171,887  | 248,370   | VIRGINIA TECH            |
| 266,506   | 134,594  | 381,697  | 0   | WASHINGTON               |
| 134,465   | 115,454  | 320,968  | 61,127  | WASHINGTON STATE         |
| 250,978   | 1,491  | 921,146  | 17,472  | WASHINGTON U.-ST. LOUIS  |
| 19,346  | 0  | 687,799  | 34,176  | WATERLOO                 |
| 95,389  | 0  | 560,983  | 88,922  | WAYNE STATE              |
| 132,474   | 0  | 247,592  | 0   | WESTERN ONTARIO          |
| 491,868   | 402,318  | 2,530,582                                      | 466,917   | WISCONSIN                |
| 370,878   | 0  | 1,227,955                                      | 130,204   | YALE                     |
| 219,172   | UA/NA  | 277,320  | 20,725  | YORK                     |
| UA/NA   | UA/NA  | 57,000   | UA/NA   | BOSTON PUBLIC            |
| UA/NA   | UA/NA  | 3,085,854                                      | UA/NA   | CISTI                    |
| 192,340   | UA/NA  | 147,501  | 162,805   | CENTER FOR RESEARCH LIBS |
| 682,847   | 0  | 17,123,978                                     | 0   | LIBRARY OF CONGRESS      |
| 31,922  | 0  | 395,629  | 784,825   | NATL AGRICULTURAL LIB    |
| UA/NA   | UA/NA  | 27,314   | 875,169   | LIB & ARCHIVES CANADA    |
| .   | .  | .  | .   | NATL LIB OF MEDICINE     |
| 577,207   | UA/NA  | 913,105  | UA/NA   | NEW YORK PUBLIC          |
| UA/NA   | 89,500   | 268,276  | UA/NA   | NEW YORK STATE           |
| 170,347   | 0  | 0  | 2,756   | SMITHSONIAN              |

## SUMMARY DATA: ELECTRONIC RESOURCES EXPENDITURES

|                                | One-time Electronic<br>Resource Purchases | Ongoing Electronic<br>Resource Purchases | Total Electronic<br>Resource Purchases | Total Library Materials<br>Expenditures | Electronic Resources<br>as a % of Library<br>Materials Budget |
|--------------------------------|---|--|--|---|---|
| (Survey Question Number)       | (21)                                      | (22)                                     | (21 + 22)                              | (15)                                    |   |
| <b>UNIVERSITY LIBRARIES</b>    |   |  |  |   |   |
| Mean                           | 558,959                                   | 4,290,316                                | 4,786,016                              | 10,794,656                              | 46.55   |
| Median                         | 352,802                                   | 4,240,530                                | 4,661,123                              | 9,594,560                               | 47.68   |
| High                           | 6,681,995                                 | 8,912,242                                | 9,724,550                              | 33,942,469                              | 77.74   |
| Low                            | 0   | 1,337,771                                | 1,337,771                              | 3,543,513                               | 15.41   |
| Totals                         | 59,808,658                                | 476,225,086                              | 536,033,744                            | 1,219,796,179                           |   |
| Number of Libraries Reporting  | 107                                       | 111                                      | 112                                    | 113                                     | 112   |
| <b>NONUNIVERSITY LIBRARIES</b> |   |  |  |   |   |
| Median                         | 104,753                                   | 474,000                                  | 484,500                                | 5,529,193                               | 13.18   |
| Totals                         | 1,712,869                                 | 9,874,696                                | 11,587,566                             | 69,318,795                              |   |
| Number of Libraries Reporting  | 8   | 9  | 10                                     | 10                                      | 10  |
| <b>GRAND TOTALS</b>            | 61,521,527                                | 486,099,783                              | 547,621,310                            | 1,289,114,974                           |   |

SUMMARY DATA: ELECTRONIC RESOURCES EXPENDITURES

| Bibl. Utilities, Networks, etc.<br>Library Expenditures | Bibl. Utilities, Networks, etc.<br>External Expenditures | Computer Hardware and<br>Software Expenditures | Document Delivery /<br>Interlibrary Loan<br>Expenditures | (25) (Survey Question Number) |
|---|--|--|--|-------------------------------|
| (23a)   | (23b)  | (24)   |  |                               |
| UNIVERSITY LIBRARIES                                    |  |  |  |                               |
| 265,066   | 225,379  | 689,631  | 117,886  | Mean                          |
| 188,576   | 33,247   | 523,047  | 100,388  | Median                        |
| 2,251,334   | 1,894,322  | 3,293,083                                      | 466,917  | High                          |
| 0   | 0  | 5,792  | 0  | Low                           |
| 26,771,671  | 18,931,797   | 75,169,750                                     | 12,849,607   | Totals                        |
| 101   | 84   | 109  | 109  | Number of Libraries Reporting |
| NONUNIVERSITY LIBRARIES                                 |  |  |  |                               |
| 192,340   | 0  | 268,276  | 162,805  | Median                        |
| 1,654,663   | 89,500   | 22,018,657                                     | 1,825,555  | Totals                        |
| 5   | 4  | 9  | 5  | Number of Libraries Reporting |
| 28,426,334  | 19,021,297   | 97,188,407                                     | 14,675,162   | GRAND TOTALS                  |

## PERSONNEL AND PUBLIC SERVICES

|                           |        | Professional Staff<br>(FTE) | Support Staff<br>(FTE) | Student Assistants<br>(FTE) | Total Staff<br>(FTE) | Staffed Service<br>Points | Library Service<br>Hours |
|---------------------------|--------|-----------------------------|------------------------|-----------------------------|----------------------|---------------------------|--------------------------|
| (Survey Question Number)  |        | (26a)                       | (26b)                  | (26c)                       | (26)                 | (27)                      | (28)                     |
| INSTITUTION               | Notes  |                             |                        |                             |                      |                           |                          |
| ALABAMA                   | bGLM+  | 71                          | 80                     | 56                          | 207                  | 23                        | 110                      |
| ALBERTA                   | G+     | 85                          | 213                    | 35                          | 333                  | 21                        | 103                      |
| ARIZONA                   | bGLM+  | 105                         | 158                    | 69                          | 332                  | 21                        | 168                      |
| ARIZONA STATE             | BGL+   | 93                          | 199                    | 46                          | 338                  | 21                        | 149                      |
| AUBURN                    | G+     | 47                          | 51                     | 30                          | 128                  | 11                        | 146                      |
| BOSTON                    | LM+    | 100                         | 100                    | 89                          | 289                  | 33                        | 108                      |
| BOSTON COLLEGE            | bL+    | 75                          | 77                     | 48                          | 200                  | 14                        | 110                      |
| BRIGHAM YOUNG             | GL+    | 120                         | 59                     | 210                         | 389                  | 20                        | 105                      |
| BRITISH COLUMBIA          | G+     | 114                         | 183                    | 36                          | 333                  | 33                        | 101                      |
| BROWN                     | bG+    | 75                          | 100                    | 33                          | 208                  | 8                         | 112                      |
| CALIFORNIA, BERKELEY      | GL+    | 247                         | 198                    | 139                         | 584                  | 49                        | 77                       |
| CALIFORNIA, DAVIS         | GLM+   | 59                          | 144                    | 70                          | 273                  | 17                        | 95                       |
| CALIFORNIA, IRVINE        | bGM+   | 74                          | 129                    | 50                          | 253                  | 14                        | 128                      |
| CALIFORNIA, LOS ANGELES   | GLM+   | 169                         | 290                    | 147                         | 606                  | 30                        | 97                       |
| CALIFORNIA, RIVERSIDE     | G+     | 41                          | 114                    | 34                          | 189                  | 15                        | 91                       |
| CALIFORNIA, SAN DIEGO     | bGM+   | 100                         | 186                    | 71                          | 357                  | 18                        | 111                      |
| CALIFORNIA, SANTA BARBARA |        | 47                          | 140                    | 43                          | 230                  | 10                        | 108                      |
| CASE WESTERN RESERVE      | bGLM+  | 63                          | 44                     | 30                          | 137                  | 18                        | 104                      |
| CHICAGO                   | bGLM+  | 67                          | 192                    | 61                          | 320                  | 30                        | 144                      |
| CINCINNATI                | GLM+   | 97                          | 57                     | 51                          | 205                  | 23                        | 103                      |
| COLORADO                  | bGL+   | 54                          | 109                    | 45                          | 208                  | 19                        | 104                      |
| COLORADO STATE            | G+     | 48                          | 59                     | 27                          | 134                  | 6                         | 108                      |
| COLUMBIA                  | GLM+   | 328                         | 244                    | 144                         | 716                  | 50                        | 107                      |
| CONNECTICUT               | BGLM+  | 90                          | 76                     | 46                          | 212                  | 22                        | 114                      |
| CORNELL                   | BGL+   | 117                         | 313                    | 118                         | 548                  | 53                        | 144                      |
| DARTMOUTH                 | GM+    | 61                          | 117                    | 28                          | 206                  | 19                        | 123                      |
| DELAWARE                  | +      | 60                          | 109                    | 37                          | 206                  | 16                        | 100                      |
| DUKE                      | bLM+   | 180                         | 153                    | 38                          | 371                  | 19                        | 149                      |
| EMORY                     | BGLM+  | 102                         | 156                    | 49                          | 307                  | 29                        | 120                      |
| FLORIDA                   | BbLM+  | 102                         | 193                    | 131                         | 426                  | 24                        | 107                      |
| FLORIDA STATE             | BbGLM+ | 68                          | 125                    | 96                          | 289                  | 21                        | 119                      |
| GEORGE WASHINGTON         | GLM+   | 74                          | 130                    | 75                          | 279                  | 23                        | 113                      |
| GEORGETOWN                | bGLM+  | 91                          | 111                    | 45                          | 247                  | 20                        | 107                      |
| GEORGIA                   | GL+    | 79                          | 183                    | 41                          | 303                  | 22                        | 137                      |
| GEORGIA TECH              | G+     | 49                          | 71                     | 7                           | 127                  | 8                         | 135                      |
| GUELPH                    | BG+    | 45                          | 73                     | 28                          | 146                  | 13                        | 133                      |
| HARVARD                   | GLM+   | 569                         | 580                    | 128                         | 1,277                | UA/NA                     | UA/NA                    |
| HAWAII                    | GLM+   | 90                          | 97                     | 68                          | 255                  | 13                        | 135                      |
| HOUSTON                   | bL+    | 60                          | 91                     | 49                          | 200                  | 9                         | 108                      |
| HOWARD                    | bGLM+  | 51                          | 66                     | 49                          | 166                  | 17                        | 115                      |
| ILLINOIS, CHICAGO         | M+     | 73                          | 114                    | 26                          | 213                  | 27                        | 102                      |
| ILLINOIS, URBANA          | bGL+   | 205                         | 204                    | 124                         | 533                  | 48                        | 111                      |

PERSONNEL AND PUBLIC SERVICES

| Library<br>Presentations<br>to Groups | Participants<br>in Group<br>Presentations | Reference<br>Transactions | Initial Circulation<br>Transactions | Total Circulation<br>Transactions | Total Items<br>Loaned (ILL) | Total Items<br>Borrowed (ILL) |                           |
|---------------------------------------|---|---------------------------|-------------------------------------|-----------------------------------|-----------------------------|-------------------------------|---------------------------|
| (29)                                  | (30)                                      | (31)                      | (32)                                | (33)                              | (34)                        | (35)                          | (Survey Question Number)  |
| INSTITUTION                           |   |                           |                                     |                                   |                             |                               |                           |
| 675                                   | 12,195                                    | 78,180                    | 211,402                             | 254,888                           | 11,332                      | 13,715                        | ALABAMA                   |
| 829                                   | 18,854                                    | 100,226                   | UA/NA                               | 584,384                           | 67,631                      | 33,470                        | ALBERTA                   |
| 2,306                                 | 39,141                                    | 42,457                    | 350,389                             | 516,918                           | 51,244                      | 31,724                        | ARIZONA                   |
| 1,255                                 | 28,328                                    | 95,520                    | 313,772                             | 932,684                           | 49,386                      | 37,784                        | ARIZONA STATE             |
| 506                                   | 10,920                                    | 132,034                   | 175,419                             | 237,175                           | 13,672                      | 8,557                         | AUBURN                    |
| 1,038                                 | 15,907                                    | 64,709                    | 197,895                             | 255,349                           | 19,083                      | 28,548                        | BOSTON                    |
| 838                                   | 18,457                                    | 26,843                    | 190,215                             | 288,331                           | 23,956                      | 17,745                        | BOSTON COLLEGE            |
| 2,018                                 | 25,319                                    | 182,553                   | 517,862                             | 685,942                           | 35,838                      | 36,731                        | BRIGHAM YOUNG             |
| 1,506                                 | 28,795                                    | 111,733                   | 679,497                             | 2,971,834                         | 28,417                      | 23,269                        | BRITISH COLUMBIA          |
| 273                                   | 4,504                                     | 28,861                    | 219,860                             | 324,982                           | 41,281                      | 37,736                        | BROWN                     |
| 1,965                                 | 33,251                                    | 133,749                   | 720,422                             | 839,607                           | 40,348                      | 21,414                        | CALIFORNIA, BERKELEY      |
| 535                                   | 10,598                                    | 77,124                    | 266,938                             | 467,159                           | 25,276                      | 27,715                        | CALIFORNIA, DAVIS         |
| 650                                   | 14,496                                    | 70,576                    | 160,137                             | 361,946                           | 27,369                      | 28,994                        | CALIFORNIA, IRVINE        |
| 905                                   | 18,796                                    | 183,236                   | 644,842                             | 2,053,527                         | 51,384                      | 32,441                        | CALIFORNIA, LOS ANGELES   |
| 600                                   | 12,104                                    | 27,981                    | 140,934                             | 330,720                           | 22,247                      | 17,432                        | CALIFORNIA, RIVERSIDE     |
| 1,797                                 | 19,418                                    | 65,054                    | 417,929                             | 676,427                           | 32,839                      | 28,467                        | CALIFORNIA, SAN DIEGO     |
| 779                                   | 11,065                                    | 68,910                    | 243,256                             | 383,033                           | 23,148                      | 35,036                        | CALIFORNIA, SANTA BARBARA |
| 450                                   | 6,151                                     | 25,701                    | 110,051                             | 187,493                           | 39,281                      | 37,425                        | CASE WESTERN RESERVE      |
| 473                                   | 6,767                                     | 30,533                    | 456,431                             | 699,476                           | 50,335                      | 21,301                        | CHICAGO                   |
| 1,151                                 | 24,546                                    | 116,285                   | 256,533                             | 385,496                           | 56,645                      | 45,461                        | CINCINNATI                |
| 744                                   | 15,309                                    | 109,452                   | 350,315                             | 601,623                           | 49,368                      | 29,487                        | COLORADO                  |
| 426                                   | 8,831                                     | 61,576                    | 213,022                             | 370,893                           | 70,437                      | 61,250                        | COLORADO STATE            |
| 1,166                                 | 23,125                                    | 208,159                   | 501,693                             | 1,101,127                         | 53,879                      | 50,344                        | COLUMBIA                  |
| 2,182                                 | 22,234                                    | 52,538                    | 162,776                             | 181,804                           | 44,887                      | 33,478                        | CONNECTICUT               |
| 1,622                                 | 22,424                                    | 90,898                    | 465,267                             | 946,664                           | 59,522                      | 33,960                        | CORNELL                   |
| UA/NA                                 | UA/NA                                     | UA/NA                     | 272,946                             | 351,495                           | 33,074                      | 30,340                        | DARTMOUTH                 |
| 415                                   | 5,315                                     | 99,389                    | UA/NA                               | 329,792                           | 17,909                      | 23,302                        | DELAWARE                  |
| 1,377                                 | 14,145                                    | 148,173                   | 428,673                             | 650,818                           | 37,021                      | 25,535                        | DUKE                      |
| 1,015                                 | 14,496                                    | 67,827                    | 232,329                             | 554,091                           | 36,381                      | 21,912                        | EMORY                     |
| 779                                   | 18,686                                    | 136,219                   | 733,083                             | 1,128,719                         | 43,860                      | 24,406                        | FLORIDA                   |
| 631                                   | 18,506                                    | 110,367                   | 269,769                             | 370,170                           | 18,801                      | 15,273                        | FLORIDA STATE             |
| 928                                   | 19,851                                    | 42,867                    | 176,435                             | 292,136                           | 30,919                      | 51,740                        | GEORGE WASHINGTON         |
| 1,070                                 | 14,509                                    | 82,745                    | 254,741                             | 388,020                           | 30,763                      | 22,201                        | GEORGETOWN                |
| 1,140                                 | 14,043                                    | 76,723                    | 463,648                             | 478,304                           | 45,237                      | 7,679                         | GEORGIA                   |
| 285                                   | 5,389                                     | 7,841                     | 96,933                              | 96,933                            | 10,275                      | 12,748                        | GEORGIA TECH              |
| 507                                   | 8,418                                     | 20,143                    | 381,492                             | 666,350                           | 47,582                      | 63,140                        | GUELPH                    |
| UA/NA                                 | UA/NA                                     | 0                         | UA/NA                               | 1,999,395                         | 43,298                      | 16,620                        | HARVARD                   |
| 337                                   | 5,674                                     | 75,556                    | 288,973                             | 472,990                           | 5,038                       | 22,595                        | HAWAII                    |
| 442                                   | 8,860                                     | 48,932                    | 129,403                             | 211,857                           | 29,516                      | 20,617                        | HOUSTON                   |
| 370                                   | 7,249                                     | 151,217                   | 224,439                             | 240,101                           | 7,747                       | 3,114                         | HOWARD                    |
| 699                                   | 11,835                                    | 60,082                    | 161,893                             | 523,750                           | 52,461                      | 40,925                        | ILLINOIS, CHICAGO         |
| 1,468                                 | 25,501                                    | 229,293                   | 509,177                             | 795,933                           | 99,036                      | 85,295                        | ILLINOIS, URBANA          |

## PERSONNEL AND PUBLIC SERVICES

|                          |        | Professional Staff<br>(FTE) | Support Staff<br>(FTE) | Student Assistants<br>(FTE) | Total Staff<br>(FTE) | Staffed Service<br>Points | Library Service<br>Hours |
|--------------------------|--------|-----------------------------|------------------------|-----------------------------|----------------------|---------------------------|--------------------------|
| (Survey Question Number) |        | (26a)                       | (26b)                  | (26c)                       | (26)                 | (27)                      | (28)                     |
| INSTITUTION              | Notes  |                             |                        |                             |                      |                           |                          |
| INDIANA                  | +      | 163                         | 182                    | 138                         | 483                  | 33                        | 168                      |
| IOWA                     | bLM+   | 95                          | 127                    | 61                          | 283                  | 18                        | 115                      |
| IOWA STATE               | G+     | 52                          | 90                     | 36                          | 178                  | 12                        | 105                      |
| JOHNS HOPKINS            | BGM+   | 139                         | 135                    | 45                          | 319                  | 30                        | 120                      |
| KANSAS                   | BbGLM+ | 103                         | 110                    | 68                          | 281                  | 10                        | 140                      |
| KENT STATE               | BbG+   | 56                          | 36                     | 190                         | 282                  | 13                        | 99                       |
| KENTUCKY                 | GLM+   | 93                          | 124                    | 60                          | 277                  | 22                        | 140                      |
| LAVAL                    | G+     | 59                          | 157                    | 14                          | 230                  | 17                        | 88                       |
| LOUISIANA STATE          | GLM+   | 53                          | 100                    | 39                          | 192                  | 15                        | 101                      |
| LOUISVILLE               | BGLM+  | 54                          | 90                     | 46                          | 190                  | 12                        | 97                       |
| MCGILL                   | BbG+   | 65                          | 152                    | 32                          | 249                  | 26                        | 86                       |
| MCMASTER                 | GM+    | 38                          | 97                     | 25                          | 160                  | 13                        | 120                      |
| MANITOBA                 | G+     | 64                          | 147                    | 23                          | 234                  | 32                        | 100                      |
| MARYLAND                 |        | 145                         | 110                    | 49                          | 304                  | 8                         | 140                      |
| MASSACHUSETTS            | G+     | 58                          | 73                     | 52                          | 183                  | 15                        | 143                      |
| MIT                      | G+     | 99                          | 94                     | 17                          | 210                  | 11                        | 104                      |
| MIAMI                    | GLM+   | 89                          | 126                    | 44                          | 259                  | 19                        | 119                      |
| MICHIGAN                 | GLM+   | 162                         | 323                    | 100                         | 585                  | 57                        | 168                      |
| MICHIGAN STATE           | GL+    | 84                          | 123                    | 89                          | 296                  | 23                        | 148                      |
| MINNESOTA                | bGLM+  | 107                         | 212                    | 83                          | 402                  | 49                        | 100                      |
| MISSOURI                 | L+     | 60                          | 117                    | 37                          | 214                  | 24                        | 115                      |
| MONTREAL                 | GLM+   | 107                         | 271                    | 13                          | 391                  | 64                        | 97                       |
| NEBRASKA                 | GL+    | 53                          | 110                    | 39                          | 202                  | 19                        | 109                      |
| NEW MEXICO               | GLM+   | 70                          | 142                    | 54                          | 266                  | 17                        | 95                       |
| NEW YORK                 | bGLM+  | 120                         | 232                    | 91                          | 443                  | 32                        | 119                      |
| NORTH CAROLINA           | GLM+   | 156                         | 205                    | 85                          | 446                  | 26                        | 144                      |
| NORTH CAROLINA STATE     | G+     | 118                         | 106                    | 44                          | 268                  | 17                        | 146                      |
| NORTHWESTERN             | BGLM+  | 114                         | 139                    | 83                          | 336                  | 29                        | 126                      |
| NOTRE DAME               | bGL+   | 69                          | 158                    | 36                          | 263                  | 19                        | 126                      |
| OHIO                     | BbG+   | 64                          | 63                     | 49                          | 176                  | 18                        | 146                      |
| OHIO STATE               | bGLM+  | 141                         | 154                    | 128                         | 423                  | 28                        | 168                      |
| OKLAHOMA                 | GLM+   | 59                          | 98                     | 76                          | 233                  | 22                        | 117                      |
| OKLAHOMA STATE           | BGM+   | 64                          | 79                     | 70                          | 213                  | 11                        | 119                      |
| OREGON                   | bGL+   | 70                          | 85                     | 58                          | 213                  | 22                        | 106                      |
| PENNSYLVANIA             | GLM+   | 125                         | 167                    | 122                         | 414                  | 34                        | 116                      |
| PENNSYLVANIA STATE       | BGLM+  | 156                         | 388                    | 78                          | 622                  | 64                        | 168                      |
| PITTSBURGH               | BGLM+  | 122                         | 174                    | 67                          | 363                  | 49                        | 118                      |
| PRINCETON                | b+     | 140                         | 217                    | 43                          | 400                  | 37                        | 115                      |
| PURDUE                   | G+     | 73                          | 119                    | 56                          | 248                  | 21                        | 119                      |
| QUEENS                   | LM+    | 43                          | 106                    | 16                          | 165                  | 14                        | 115                      |
| RICE                     | G+     | 60                          | 57                     | 12                          | 129                  | 12                        | 143                      |
| ROCHESTER                | bM+    | 92                          | 64                     | 60                          | 216                  | 21                        | 119                      |

PERSONNEL AND PUBLIC SERVICES

| Library<br>Presentations<br>to Groups | Participants<br>in Group<br>Presentations | Reference<br>Transactions | Initial Circulation<br>Transactions | Total Circulation<br>Transactions | Total Items<br>Loaned (ILL) | Total Items<br>Borrowed (ILL) |                          |
|---------------------------------------|---|---------------------------|-------------------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|
| (29)                                  | (30)                                      | (31)                      | (32)                                | (33)                              | (34)                        | (35)                          | (Survey Question Number) |
| INSTITUTION                           |   |                           |                                     |                                   |                             |                               |                          |
| 1,083                                 | 30,666                                    | 152,305                   | 685,770                             | 765,565                           | 56,327                      | 63,443                        | INDIANA                  |
| 834                                   | 19,497                                    | 84,720                    | 343,175                             | 442,562                           | 63,653                      | 23,254                        | IOWA                     |
| 359                                   | 10,142                                    | 27,963                    | 194,840                             | 225,788                           | 31,218                      | 15,829                        | IOWA STATE               |
| 533                                   | 7,427                                     | 61,703                    | 270,179                             | 446,035                           | 38,984                      | 31,429                        | JOHNS HOPKINS            |
| 1,304                                 | 25,949                                    | 101,257                   | 393,709                             | 545,405                           | 54,848                      | 43,207                        | KANSAS                   |
| 791                                   | 11,820                                    | 21,065                    | 255,633                             | 379,378                           | 16,080                      | 8,696                         | KENT STATE               |
| 818                                   | 10,420                                    | 56,075                    | 222,064                             | 285,399                           | 30,284                      | 22,111                        | KENTUCKY                 |
| 481                                   | 10,173                                    | 134,797                   | 490,656                             | 783,654                           | 17,994                      | 12,756                        | LAVAL                    |
| 1,011                                 | 4,362                                     | 39,222                    | 111,168                             | 217,341                           | 7,496                       | 16,759                        | LOUISIANA STATE          |
| 836                                   | 12,557                                    | 79,992                    | 371,082                             | 450,099                           | 15,635                      | 22,392                        | LOUISVILLE               |
| 1,621                                 | 22,093                                    | 105,103                   | 694,894                             | 1,011,870                         | 16,646                      | 16,714                        | MCGILL                   |
| 673                                   | 15,510                                    | 48,667                    | 224,213                             | 348,800                           | 14,319                      | 13,618                        | MCMASTER                 |
| 1,365                                 | 11,969                                    | 84,768                    | 317,879                             | 524,593                           | 23,751                      | 23,588                        | MANITOBA                 |
| 1,042                                 | 22,439                                    | 271,145                   | 342,629                             | 507,735                           | 16,060                      | 39,693                        | MARYLAND                 |
| 264                                   | 4,814                                     | 47,454                    | 196,016                             | 327,220                           | 41,750                      | 47,474                        | MASSACHUSETTS            |
| 416                                   | 7,428                                     | 38,232                    | 188,364                             | 346,802                           | 18,018                      | 15,853                        | MIT                      |
| 1,455                                 | 17,579                                    | 69,715                    | 178,871                             | 258,479                           | 41,646                      | 13,301                        | MIAMI                    |
| 1,133                                 | 18,450                                    | 155,928                   | 823,633                             | 1,401,699                         | 62,878                      | 35,353                        | MICHIGAN                 |
| 856                                   | 36,834                                    | 60,124                    | 311,057                             | 719,355                           | 53,011                      | 36,082                        | MICHIGAN STATE           |
| 1,557                                 | 28,096                                    | 129,297                   | 366,981                             | 727,054                           | 173,771                     | 41,713                        | MINNESOTA                |
| 761                                   | 10,903                                    | 44,696                    | 219,209                             | 284,113                           | 56,511                      | 34,945                        | MISSOURI                 |
| 1,151                                 | 13,938                                    | 92,409                    | 466,398                             | 917,887                           | 23,572                      | 20,784                        | MONTREAL                 |
| 210                                   | 5,808                                     | 42,935                    | 201,293                             | 324,828                           | 30,344                      | 22,440                        | NEBRASKA                 |
| 1,398                                 | 19,637                                    | 47,456                    | 196,827                             | 300,456                           | 20,968                      | 28,351                        | NEW MEXICO               |
| 986                                   | 17,302                                    | 129,206                   | 501,275                             | 1,043,418                         | 28,429                      | 30,284                        | NEW YORK                 |
| 1,564                                 | 29,223                                    | 126,697                   | 610,761                             | 972,179                           | 54,913                      | 14,136                        | NORTH CAROLINA           |
| 418                                   | 13,080                                    | 41,647                    | 217,922                             | 326,105                           | 13,247                      | 26,813                        | NORTH CAROLINA STATE     |
| 703                                   | 10,126                                    | 82,001                    | 222,747                             | 339,067                           | 45,699                      | 28,362                        | NORTHWESTERN             |
| 457                                   | 7,894                                     | 19,917                    | 182,765                             | 325,512                           | 29,511                      | 18,246                        | NOTRE DAME               |
| 945                                   | 15,926                                    | 55,646                    | 317,618                             | 497,814                           | 79,529                      | 51,154                        | OHIO                     |
| 1,791                                 | 28,285                                    | 54,818                    | 408,191                             | 1,692,796                         | 152,739                     | 71,986                        | OHIO STATE               |
| 1,044                                 | 10,789                                    | 44,740                    | 192,370                             | 219,447                           | 39,802                      | 31,107                        | OKLAHOMA                 |
| 1,246                                 | 32,930                                    | 123,099                   | 301,400                             | 403,491                           | 35,209                      | 17,720                        | OKLAHOMA STATE           |
| 556                                   | 10,094                                    | 76,046                    | 226,527                             | 285,716                           | 73,797                      | 59,316                        | OREGON                   |
| 1,069                                 | 19,543                                    | UA/NA                     | 422,082                             | 546,576                           | 71,623                      | 82,189                        | PENNSYLVANIA             |
| 3,031                                 | 56,155                                    | 177,493                   | 620,288                             | 1,019,314                         | 63,285                      | 54,930                        | PENNSYLVANIA STATE       |
| 1,612                                 | 23,317                                    | 170,508                   | 352,045                             | 534,673                           | 61,374                      | 23,880                        | PITTSBURGH               |
| 625                                   | 7,114                                     | 21,566                    | 300,726                             | 395,895                           | 40,211                      | 46,196                        | PRINCETON                |
| 242                                   | 11,693                                    | 44,960                    | 164,355                             | 406,485                           | 27,215                      | 28,447                        | PURDUE                   |
| 825                                   | 16,268                                    | 41,374                    | 236,294                             | 500,058                           | 18,195                      | 11,507                        | QUEENS                   |
| 121                                   | 1,761                                     | UA/NA                     | 129,828                             | 227,564                           | 15,383                      | 9,372                         | RICE                     |
| 479                                   | 8,208                                     | 50,548                    | 202,602                             | 238,657                           | 27,813                      | 22,727                        | ROCHESTER                |

## PERSONNEL AND PUBLIC SERVICES

|                          |        | Professional Staff<br>(FTE) | Support Staff<br>(FTE) | Student Assistants<br>(FTE) | Total Staff<br>(FTE) | Staffed Service<br>Points | Library Service<br>Hours |
|--------------------------|--------|-----------------------------|------------------------|-----------------------------|----------------------|---------------------------|--------------------------|
| (Survey Question Number) |        | (26a)                       | (26b)                  | (26c)                       | (26)                 | (27)                      | (28)                     |
| INSTITUTION              | Notes  |                             |                        |                             |                      |                           |                          |
| RUTGERS                  | BGL+   | 103                         | 235                    | 77                          | 415                  | 35                        | 103                      |
| SASKATCHEWAN             | LM+    | 58                          | 102                    | 17                          | 177                  | 42                        | 90                       |
| SOUTH CAROLINA           | LM+    | 73                          | 104                    | 101                         | 278                  | 21                        | 152                      |
| SOUTHERN CALIFORNIA      | BGLM+  | 115                         | 137                    | 134                         | 386                  | 29                        | 159                      |
| SOUTHERN ILLINOIS        | bLM+   | 50                          | 89                     | 63                          | 202                  | 16                        | 102                      |
| SUNY-ALBANY              | G+     | 63                          | 66                     | 34                          | 163                  | 10                        | 108                      |
| SUNY-BUFFALO             | GLM+   | 115                         | 73                     | 69                          | 257                  | 15                        | 168                      |
| SUNY-STONY BROOK         | M+     | 92                          | 26                     | 37                          | 155                  | 10                        | 109                      |
| SYRACUSE                 | GL+    | 67                          | 137                    | 28                          | 232                  | 20                        | 106                      |
| TEMPLE                   | BbGLM+ | 77                          | 97                     | 53                          | 227                  | 24                        | 119                      |
| TENNESSEE                | BbGLM+ | 87                          | 135                    | 51                          | 273                  | 21                        | 148                      |
| TEXAS                    | GL+    | 145                         | 308                    | 98                          | 551                  | 28                        | 122                      |
| TEXAS A&M                | BG+    | 133                         | 133                    | 84                          | 350                  | 16                        | 144                      |
| TEXAS TECH               | BLM+   | 96                          | 123                    | 90                          | 309                  | 28                        | 130                      |
| TORONTO                  | BL+    | 187                         | 340                    | 143                         | 670                  | 118                       | 107                      |
| TULANE                   | BLM+   | 46                          | 80                     | 24                          | 150                  | 19                        | 118                      |
| UTAH                     | LM+    | 75                          | 193                    | 90                          | 358                  | 22                        | 127                      |
| VANDERBILT               | GLM+   | 108                         | 108                    | 32                          | 248                  | 16                        | 149                      |
| VIRGINIA                 | GLM+   | 94                          | 213                    | 64                          | 371                  | 32                        | 149                      |
| VIRGINIA TECH            | G+     | 36                          | 90                     | 34                          | 160                  | 9                         | 102                      |
| WASHINGTON               | GLM+   | 190                         | 208                    | 115                         | 513                  | 49                        | 135                      |
| WASHINGTON STATE         | BG+    | 53                          | 84                     | 35                          | 172                  | 21                        | 100                      |
| WASHINGTON U.-ST. LOUIS  | GLM+   | 93                          | 117                    | 59                          | 269                  | 20                        | 120                      |
| WATERLOO                 | G+     | 37                          | 96                     | 45                          | 178                  | 14                        | 106                      |
| WAYNE STATE              | G+     | 97                          | 86                     | 78                          | 261                  | 18                        | 168                      |
| WESTERN ONTARIO          | GL+    | 70                          | 109                    | 15                          | 194                  | 8                         | 105                      |
| WISCONSIN                | GLM+   | 221                         | 170                    | 252                         | 643                  | 48                        | 148                      |
| YALE                     | GLM+   | 275                         | 372                    | 58                          | 705                  | 42                        | 111                      |
| YORK                     | BG+    | 60                          | 114                    | 60                          | 234                  | 20                        | 155                      |
| BOSTON PUBLIC            | G      | 173                         | 232                    | UA/NA                       | 405                  | 96                        | 68                       |
| CISTI                    | G+     | 176                         | 145                    | 5                           | 326                  | 1                         | 40                       |
| CENTER FOR RESEARCH LIBS | G+     | 29                          | 19                     | 13                          | 61                   | 2                         | 35                       |
| LIBRARY OF CONGRESS      | bG+    | 1,375                       | 2,558                  | 50                          | 3,983                | 38                        | 65                       |
| NATL AGRICULTURAL LIB    | G+     | 129                         | 69                     | 1                           | 199                  | 13                        | 40                       |
| LIB & ARCHIVES CANADA    | G+     | 617                         | 338                    | 138                         | 1,093                | 1                         | 30                       |
| NATL LIB OF MEDICINE     | +      | 192                         | 68                     | 17                          | 277                  | 5                         | 48                       |
| NEW YORK PUBLIC          | bG+    | 271                         | 280                    | 99                          | 650                  | 42                        | 46                       |
| NEW YORK STATE           | +      | 50                          | 94                     | 6                           | 150                  | 5                         | 40                       |
| SMITHSONIAN              | b+     | 55                          | 54                     | 0                           | 109                  | 31                        | 168                      |

+ - See Footnotes

L - Includes Law library

M- Includes Medical library

G - Government documents not included in serials count

B - Includes branch campuses

b - Basis of volume count is bibliographic

U / A - Unavailable

N / A - Not Applicable



PERSONNEL AND PUBLIC SERVICES

| Library<br>Presentations<br>to Groups | Participants<br>in Group<br>Presentations | Reference<br>Transactions | Initial Circulation<br>Transactions | Total Circulation<br>Transactions | Total Items<br>Loaned (ILL) | Total Items<br>Borrowed (ILL) |                          |
|---------------------------------------|---|---------------------------|-------------------------------------|-----------------------------------|-----------------------------|-------------------------------|--------------------------|
| (29)                                  | (30)                                      | (31)                      | (32)                                | (33)                              | (34)                        | (35)                          | (Survey Question Number) |
| INSTITUTION                           |   |                           |                                     |                                   |                             |                               |                          |
| 991                                   | 21,085                                    | 81,396                    | 281,171                             | 589,749                           | 41,311                      | 28,070                        | RUTGERS                  |
| 832                                   | 12,126                                    | 31,684                    | 283,034                             | 391,821                           | 18,901                      | 19,263                        | SASKATCHEWAN             |
| 911                                   | 8,340                                     | 134,540                   | 422,733                             | 590,089                           | 19,481                      | 18,103                        | SOUTH CAROLINA           |
| 1,104                                 | 16,745                                    | 61,358                    | 342,924                             | 560,884                           | 22,627                      | 17,423                        | SOUTHERN CALIFORNIA      |
| 859                                   | 10,174                                    | 39,334                    | 234,593                             | 374,858                           | 58,161                      | 37,623                        | SOUTHERN ILLINOIS        |
| 459                                   | 6,727                                     | 79,356                    | 90,160                              | 90,160                            | 13,300                      | 18,037                        | SUNY-ALBANY              |
| 703                                   | 19,407                                    | 39,616                    | 224,385                             | 425,276                           | 33,981                      | 19,109                        | SUNY-BUFFALO             |
| 662                                   | 10,029                                    | 54,579                    | 221,795                             | 229,041                           | 27,189                      | 13,718                        | SUNY-STONY BROOK         |
| 564                                   | 10,192                                    | 41,345                    | 179,084                             | 268,564                           | 13,548                      | 22,283                        | SYRACUSE                 |
| 649                                   | 12,307                                    | 56,946                    | 190,481                             | 278,479                           | 22,901                      | 19,376                        | TEMPLE                   |
| 918                                   | 19,606                                    | 85,921                    | 315,777                             | 381,517                           | 36,920                      | 26,296                        | TENNESSEE                |
| 1,270                                 | 59,098                                    | 194,188                   | 1,908,310                           | 2,666,951                         | 45,773                      | 31,112                        | TEXAS                    |
| 623                                   | 14,867                                    | 51,036                    | 877,516                             | 1,485,093                         | 49,344                      | 55,383                        | TEXAS A&M                |
| 947                                   | 11,298                                    | 44,961                    | 202,484                             | 292,273                           | 37,827                      | 36,008                        | TEXAS TECH               |
| 2,270                                 | 32,536                                    | 523,740                   | 1,333,907                           | 1,877,419                         | 31,444                      | 11,113                        | TORONTO                  |
| 187                                   | 3,390                                     | 12,647                    | 110,483                             | 158,313                           | 16,214                      | 9,609                         | TULANE                   |
| 1,813                                 | 46,391                                    | 241,486                   | 214,445                             | 531,388                           | 39,171                      | 29,522                        | UTAH                     |
| 794                                   | 14,337                                    | 35,093                    | 213,800                             | 350,713                           | 27,306                      | 22,443                        | VANDERBILT               |
| 1,386                                 | 14,118                                    | 130,745                   | 641,944                             | 1,053,584                         | 41,950                      | 28,459                        | VIRGINIA                 |
| 828                                   | 25,809                                    | 17,944                    | 246,783                             | 348,132                           | 21,740                      | 21,565                        | VIRGINIA TECH            |
| 1,439                                 | 25,868                                    | 136,454                   | 692,807                             | 1,608,992                         | 75,124                      | 58,761                        | WASHINGTON               |
| 812                                   | 14,027                                    | 35,976                    | 176,786                             | 253,118                           | 46,738                      | 22,319                        | WASHINGTON STATE         |
| 630                                   | 5,672                                     | 65,626                    | 241,237                             | 561,928                           | 41,083                      | 46,627                        | WASHINGTON U.-ST. LOUIS  |
| 160                                   | 5,298                                     | 26,659                    | 230,977                             | 605,069                           | 64,683                      | 48,204                        | WATERLOO                 |
| 532                                   | 10,010                                    | 53,464                    | 132,623                             | 198,302                           | 30,955                      | 33,983                        | WAYNE STATE              |
| 757                                   | 21,457                                    | 34,059                    | 451,900                             | 747,035                           | 21,852                      | 7,519                         | WESTERN ONTARIO          |
| 1,836                                 | 25,825                                    | UA/NA                     | 509,240                             | 810,303                           | 85,338                      | 89,193                        | WISCONSIN                |
| 1,521                                 | 12,281                                    | 89,484                    | 433,186                             | 795,435                           | 44,027                      | 36,153                        | YALE                     |
| 800                                   | 24,516                                    | 173,024                   | 630,855                             | 1,170,788                         | 15,714                      | 5,129                         | YORK                     |
| 11,326                                | 192,925                                   | 1,038,833                 | 2,848,813                           | 2,848,813                         | 34,065                      | 18,553                        | BOSTON PUBLIC            |
| 1,333                                 | 1,333                                     | 26,596                    | 12,741                              | 30,522                            | 499,385                     | 20,238                        | CISTI                    |
| 55                                    | 1,705                                     | UA/NA                     | 91,856                              | 91,856                            | 28,026                      | 10                            | CENTER FOR RESEARCH LIBS |
| 6,602                                 | 210,608                                   | 987,360                   | 127,493                             | 127,493                           | 24,137                      | 0                             | LIBRARY OF CONGRESS      |
| 477                                   | 36,172                                    | 13,967                    | 3,580                               | 4,702                             | 16,323                      | 3,269                         | NATL AGRICULTURAL LIB    |
| UA/NA                                 | UA/NA                                     | 32,908                    | 169,086                             | 174,139                           | 41,900                      | 1,173                         | LIB & ARCHIVES CANADA    |
| 477                                   | 12,170                                    | 89,421                    | 195,829                             | 195,829                           | 246,902                     | 206                           | NATL LIB OF MEDICINE     |
| 701                                   | 11,414                                    | 615,967                   | UA/NA                               | UA/NA                             | 4,821                       | 1,264                         | NEW YORK PUBLIC          |
| 151                                   | 1,386                                     | 69,884                    | 32,840                              | 38,523                            | 33,838                      | 867                           | NEW YORK STATE           |
| 658                                   | 4,046                                     | 79,535                    | 37,548                              | 246,301                           | 5,661                       | 4,179                         | SMITHSONIAN              |

## PERSONNEL AND PUBLIC SERVICES

|                                | Professional Staff<br>(FTE) | Support Staff<br>(FTE) | Student Assistants<br>(FTE) | Total Staff<br>(FTE) | Staffed Service<br>Points | Service Hours<br>Per Week |
|--------------------------------|-----------------------------|------------------------|-----------------------------|----------------------|---------------------------|---------------------------|
| (Survey Question Number)       | (26a)                       | (26b)                  | (26c)                       | (26)                 | (27)                      | (28)                      |
| <b>UNIVERSITY LIBRARIES</b>    |                             |                        |                             |                      |                           |                           |
| Mean                           | 99                          | 142                    | 65                          | 306                  | 24                        | 121                       |
| Median                         | 85                          | 119                    | 52                          | 263                  | 21                        | 116                       |
| High                           | 569                         | 580                    | 252                         | 1,277                | 118                       | 168                       |
| Low                            | 36                          | 26                     | 7                           | 127                  | 6                         | 77                        |
| Totals                         | 11,215                      | 16,092                 | 7,315                       | 34,622               | 2,713                     | 13,568                    |
| Number of Libraries Reporting  | 113                         | 113                    | 113                         | 113                  | 112                       | 112                       |
| <b>NONUNIVERSITY LIBRARIES</b> |                             |                        |                             |                      |                           |                           |
| Median                         | 175                         | 120                    | 13                          | 302                  | 9                         | 43                        |
| Totals                         | 3,067                       | 3,857                  | 329                         | 7,253                | 234                       | 580                       |
| Number of Libraries Reporting  | 10                          | 10                     | 9                           | 10                   | 10                        | 10                        |
| <b>GRAND TOTALS</b>            | <b>14,282</b>               | <b>19,949</b>          | <b>7,644</b>                | <b>41,875</b>        | <b>2,947</b>              | <b>14,148</b>             |

## PERSONNEL AND PUBLIC SERVICES

| Library<br>Presentations<br>to Groups | Participants<br>in Group<br>Presentations | Reference<br>Transactions | Initial Circulation<br>Transactions | Total Circulation<br>Transactions | Total Items<br>Loaned (ILL) | Total Items<br>Borrowed (ILL) |                               |
|---------------------------------------|---|---------------------------|-------------------------------------|-----------------------------------|-----------------------------|-------------------------------|-------------------------------|
| (29)                                  | (30)                                      | (31)                      | (32)                                | (33)                              | (34)                        | (35)                          | (Survey Question Number)      |
| <b>UNIVERSITY LIBRARIES</b>           |   |                           |                                     |                                   |                             |                               |                               |
| 947                                   | 16,719                                    | 85,984                    | 348,205                             | 605,332                           | 39,169                      | 29,836                        | Mean                          |
| 832                                   | 14,337                                    | 67,827                    | 268,354                             | 446,035                           | 35,838                      | 26,813                        | Median                        |
| 3,031                                 | 59,098                                    | 523,740                   | 1,908,310                           | 2,971,834                         | 173,771                     | 89,193                        | High                          |
| 121                                   | 1,761                                     | 0                         | 90,160                              | 90,160                            | 5,038                       | 3,114                         | Low                           |
| 105,075                               | 1,855,767                                 | 9,372,217                 | 38,302,547                          | 68,402,494                        | 4,426,064                   | 3,371,486                     | Totals                        |
| 111                                   | 111                                       | 109                       | 110                                 | 113                               | 113                         | 113                           | Number of Libraries Reporting |
| <b>NONUNIVERSITY LIBRARIES</b>        |   |                           |                                     |                                   |                             |                               |                               |
| 658                                   | 11,414                                    | 79,535                    | 91,856                              | 127,493                           | 30,932                      | 1,219                         | Median                        |
| 21,780                                | 471,759                                   | 2,954,471                 | 3,519,786                           | 3,758,178                         | 935,058                     | 49,759                        | Totals                        |
| 9                                     | 9   | 9                         | 9                                   | 9                                 | 10                          | 10                            | Number of Libraries Reporting |
| 126,855                               | 2,327,526                                 | 12,326,688                | 41,822,333                          | 72,160,672                        | 5,361,122                   | 3,421,245                     | <b>GRAND TOTALS</b>           |

## ANALYSIS OF SELECTED VARIABLES OF UNIVERSITY LIBRARIES, 2006–2007

The percentages and ratios below are select indicators that describe the condition of ARL university libraries. The high and low figures indicate the range, while the mean and median indicate the central tendency of the distributions for ARL university libraries. Note that a distribution is normal when the mean and the median figures are identical. If the mean is larger than the median then the distribution is positively skewed, and if the opposite is true the distribution is negatively skewed.

| Category  | High      | Mean      | Median    | Low      | Number of Libraries Reporting |
|---|-----------|-----------|-----------|----------|-------------------------------|
| Professional Staff as a percent of Total Staff                                  | 59.35     | 32.18     | 30.82     | 19.86    | 113                           |
| Support Staff as a percent of Total Staff                                       | 69.31     | 46.63     | 47.37     | 12.77    | 113                           |
| Student Assistant Staff as a percent of Total Staff                             | 67.38     | 21.19     | 20.65     | 3.32     | 113                           |
| Ratio of Professional to Support Staff (excluding Student Assistant Staff)      | 3.54      | 0.77      | 0.66      | 0.34     | 113                           |
| Ratio of Items Loaned to Items Borrowed   | 5.89      | 1.45      | 1.28      | 0.22     | 113                           |
| Serials Expenditures as a percent of Total Library Materials Expenditures       | 88.14     | 68.37     | 70.13     | 19.07    | 112                           |
| Monograph Expenditures as a percent of Total Library Materials Expenditures     | 42.21     | 22.28     | 20.87     | 5.97     | 112                           |
| Total Library Materials Expenditures as a percent of Total Library Expenditures | 62.21     | 42.70     | 42.75     | 26.17    | 113                           |
| Contract Binding as a percent of Total Library Expenditures                     | 1.95      | 0.61      | 0.56      | 0.16     | 113                           |
| Salary & Wages Expenditures as a percent of Total Library Expenditures          | 60.29     | 44.78     | 45.12     | 30.08    | 113                           |
| Other Operating Expenditures as a percent of Total Library Expenditures         | 28.50     | 11.90     | 10.86     | 2.54     | 113                           |
| Unit costs of Monographs (per volume)   | 122.59    | 55.82     | 54.51     | 5.58     | 101                           |
| Unit costs of Serials (per title)   | 543.42    | 192.29    | 171.70    | 73.61    | 101                           |
| Library Expenditures per Faculty  | 50,560.77 | 17,632.13 | 15,234.74 | 7,055.29 | 113                           |
| Library Expenditures per Full-Time Student                                      | 6,893.22  | 1,315.76  | 995.85    | 444.87   | 113                           |
| Library Expenditures per Full-Time Graduate Student                             | 18,030.94 | 5,614.00  | 5,108.62  | 2,252.82 | 113                           |
| Library Expenditures per Full-Time User   | 5,949.11  | 1,208.48  | 931.32    | 423.47   | 113                           |
| Library Expenditures per User   | 5,865.27  | 1,045.54  | 789.90    | 355.46   | 113                           |

# PhD, FACULTY, AND ENROLLMENT STATISTICS \*

| (Survey Question Number)  | PhDs Awarded<br>(36) | PhD Fields<br>(37) | Faculty<br>(38) | ENROLLMENTS                   |                           |                                |                            |
|---------------------------|----------------------|--------------------|-----------------|-------------------------------|---------------------------|--------------------------------|----------------------------|
|                           |                      |                    |                 | Total FTE Full-time**<br>(39) | Total Part-time**<br>(40) | Graduate FTE Full-time<br>(41) | Graduate Part-time<br>(42) |
|                           |                      |                    |                 | INSTITUTION                   |                           |                                |                            |
| ALABAMA                   | 138                  | 45                 | 872             | 19,713                        | 3,539                     | 1,930                          | 1,851                      |
| ALBERTA                   | 323                  | 116                | 1,524           | 32,799                        | 3,763                     | 4,251                          | 1,530                      |
| ARIZONA                   | 395                  | 88                 | 1,547           | 30,504                        | 6,301                     | 5,924                          | 2,439                      |
| ARIZONA STATE             | 339                  | 51                 | 2,356           | 48,867                        | 14,411                    | 7,603                          | 4,920                      |
| AUBURN                    | 181                  | 38                 | 1,142           | 20,120                        | 3,427                     | 1,512                          | 1,733                      |
| BOSTON                    | 305                  | 60                 | 2,680           | 25,492                        | 6,082                     | 8,397                          | 4,656                      |
| BOSTON COLLEGE            | 132                  | 36                 | 675             | 11,715                        | 2,666                     | 2,383                          | 2,249                      |
| BRIGHAM YOUNG             | 79                   | 24                 | 1,283           | 27,465                        | 3,015                     | 1,709                          | 1,550                      |
| BRITISH COLUMBIA          | 342                  | 89                 | 2,359           | 33,306                        | 14,987                    | 6,959                          | 1,474                      |
| BROWN                     | 170                  | 45                 | 690             | 7,754                         | 371                       | 2,004                          | 111                        |
| CALIFORNIA, BERKELEY      | 876                  | 96                 | 1,455           | 30,999                        | 1,858                     | 7,892                          | 1,102                      |
| CALIFORNIA, DAVIS         | 467                  | 64                 | 1,937           | 27,802                        | 2,673                     | 6,483                          | 575                        |
| CALIFORNIA, IRVINE        | 282                  | 42                 | 1,457           | 24,794                        | 1,077                     | 4,702                          | 450                        |
| CALIFORNIA, LOS ANGELES   | 708                  | 80                 | 1,851           | 35,051                        | 1,190                     | 10,619                         | 200                        |
| CALIFORNIA, RIVERSIDE     | 177                  | 38                 | 654             | 16,352                        | 523                       | 2,064                          | 19                         |
| CALIFORNIA, SAN DIEGO     | UA/NA                | 68                 | 1,741           | 25,737                        | 1,131                     | 5,396                          | 103                        |
| CALIFORNIA, SANTA BARBARA | 310                  | 45                 | 974             | 20,556                        | 526                       | 2,847                          | 23                         |
| CASE WESTERN RESERVE      | 177                  | 57                 | 619             | 7,479                         | 2,113                     | 3,621                          | 1,891                      |
| CHICAGO                   | 357                  | 66                 | 1,295           | 11,562                        | 2,701                     | 6,809                          | 2,647                      |
| CINCINNATI                | 259                  | 59                 | 1,209           | 21,434                        | 6,893                     | 5,084                          | 3,266                      |
| COLORADO                  | 301                  | 45                 | 1,259           | 25,886                        | 5,777                     | 1,960                          | 3,340                      |
| COLORADO STATE            | 211                  | 43                 | 943             | 20,960                        | 6,142                     | 1,907                          | 3,758                      |
| COLUMBIA                  | 494                  | 102                | 2,011           | 23,676                        | 5,886                     | 14,981                         | 4,907                      |
| CONNECTICUT               | 339                  | 69                 | 1,600           | 23,039                        | 5,442                     | 4,541                          | 3,156                      |
| CORNELL                   | 485                  | 88                 | 1,698           | 19,611                        | 38                        | 6,063                          | 24                         |
| DARTMOUTH                 | 63                   | 15                 | 768             | 5,609                         | 144                       | 1,573                          | 95                         |
| DELAWARE                  | 224                  | 43                 | 1,117           | 17,546                        | 2,834                     | 2,540                          | 906                        |
| DUKE                      | 288                  | 44                 | 991             | 12,824                        | 293                       | 6,627                          | 276                        |
| EMORY                     | 188                  | 36                 | 2,892           | 13,937                        | 923                       | 5,563                          | 815                        |
| FLORIDA                   | 785                  | 123                | 2,127           | 41,970                        | 5,869                     | 9,498                          | 3,231                      |
| FLORIDA STATE             | 350                  | 74                 | 1,727           | 34,162                        | 6,866                     | 5,490                          | 3,148                      |
| GEORGE WASHINGTON         | 117                  | 27                 | 1,032           | 15,897                        | 8,634                     | 6,065                          | 7,653                      |
| GEORGETOWN                | 99                   | 21                 | 1,202           | 12,572                        | 1,576                     | 5,942                          | 1,353                      |
| GEORGIA                   | 388                  | 87                 | 1,733           | 29,273                        | 4,564                     | 5,885                          | 2,641                      |
| GEORGIA TECH              | 459                  | 48                 | 845             | 16,007                        | 1,928                     | 4,466                          | 1,109                      |
| GUELPH                    | 97                   | UA/NA              | 830             | 17,484                        | 1,494                     | 1,846                          | 185                        |
| HARVARD                   | 541                  | 74                 | 2,520           | 19,584                        | 6,194                     | 12,375                         | 3,435                      |
| HAWAII                    | 288                  | 102                | 2,627           | 28,371                        | 4,380                     | 6,647                          | 1,988                      |
| HOUSTON                   | 248                  | 33                 | 1,204           | 24,371                        | 10,292                    | 4,715                          | 2,376                      |
| HOWARD                    | 96                   | 29                 | 1,068           | 9,633                         | 1,112                     | 2,966                          | 589                        |
| ILLINOIS, CHICAGO         | 563                  | 118                | 1,157           | 17,039                        | 4,664                     | 3,361                          | 3,343                      |

# PHD, FACULTY, AND ENROLLMENT STATISTICS \*

| (Survey Question Number) | PhDs Awarded<br>(36) | PhD Fields<br>(37) | Faculty<br>(38) | ENROLLMENTS                   |                           |                                |                            |
|--------------------------|----------------------|--------------------|-----------------|-------------------------------|---------------------------|--------------------------------|----------------------------|
|                          |                      |                    |                 | Total FTE Full-time**<br>(39) | Total Part-time**<br>(40) | Graduate FTE Full-time<br>(41) | Graduate Part-time<br>(42) |
|                          |                      |                    |                 | INSTITUTION                   |                           |                                |                            |
| ILLINOIS, URBANA         | 664                  | 85                 | 2,231           | 40,015                        | 1,327                     | 9,268                          | 729                        |
| INDIANA                  | 389                  | 90                 | 1,865           | 33,707                        | 4,540                     | 5,469                          | 2,950                      |
| IOWA                     | 335                  | 65                 | 1,296           | 23,125                        | 5,690                     | 4,755                          | 3,332                      |
| IOWA STATE               | 296                  | 83                 | 1,346           | 22,180                        | 3,282                     | 2,587                          | 1,996                      |
| JOHNS HOPKINS            | 408                  | 58                 | 1,367           | 11,248                        | 8,512                     | 5,445                          | 8,061                      |
| KANSAS                   | 301                  | 72                 | 1,684           | 22,835                        | 6,089                     | 4,114                          | 3,457                      |
| KENT STATE               | 153                  | 67                 | 856             | 17,662                        | 5,035                     | 2,289                          | 2,272                      |
| KENTUCKY                 | 256                  | 56                 | 1,248           | 21,745                        | 4,637                     | 4,269                          | 2,821                      |
| LAVAL                    | 229                  | 63                 | 1,451           | 25,684                        | 15,645                    | 5,536                          | 4,433                      |
| LOUISIANA STATE          | 257                  | 55                 | 1,343           | 27,220                        | 3,117                     | 4,028                          | 1,385                      |
| LOUISVILLE               | 471                  | 30                 | 1,839           | 15,804                        | 6,037                     | 4,800                          | 1,938                      |
| MCGILL                   | 341                  | 6                  | 1,608           | 25,205                        | 5,729                     | 5,449                          | 1,926                      |
| MCMASTER                 | 181                  | 53                 | 1,738           | 24,294                        | 3,867                     | 3,154                          | 650                        |
| MANITOBA                 | 82                   | 47                 | 1,266           | 20,920                        | 5,495                     | 2,453                          | 738                        |
| MARYLAND                 | 602                  | 70                 | 2,896           | 35,102                        | 6,270                     | 6,708                          | 3,240                      |
| MASSACHUSETTS            | 227                  | 49                 | 1,153           | 19,273                        | 5,219                     | 1,945                          | 3,650                      |
| MIT                      | 601                  | 33                 | 945             | 9,992                         | 261                       | 5,924                          | 204                        |
| MIAMI                    | 135                  | 42                 | 913             | 14,324                        | 1,346                     | 4,506                          | 655                        |
| MICHIGAN                 | 789                  | 121                | 4,278           | 37,320                        | 2,705                     | 12,689                         | 1,781                      |
| MICHIGAN STATE           | 493                  | 112                | 1,982           | 40,526                        | 6,011                     | 7,938                          | 2,778                      |
| MINNESOTA                | 819                  | 105                | 1,710           | 36,049                        | 14,353                    | 9,124                          | 9,165                      |
| MISSOURI                 | 258                  | 62                 | 1,108           | 23,476                        | 4,056                     | 3,251                          | 2,797                      |
| MONTREAL                 | 328                  | 76                 | 1,848           | 37,837                        | 18,918                    | 10,910                         | 3,964                      |
| NEBRASKA                 | 245                  | 41                 | 1,047           | 18,809                        | 3,297                     | 2,702                          | 2,033                      |
| NEW MEXICO               | 181                  | 38                 | 1,742           | 18,448                        | 8,019                     | 2,570                          | 2,446                      |
| NEW YORK                 | 364                  | 72                 | 3,363           | 31,081                        | 9,789                     | 11,599                         | 8,306                      |
| NORTH CAROLINA           | 512                  | 69                 | 1,490           | 22,911                        | 4,806                     | 6,592                          | 4,001                      |
| NORTH CAROLINA STATE     | 411                  | 56                 | 1,652           | 23,134                        | 4,104                     | 3,599                          | 2,577                      |
| NORTHWESTERN             | 462                  | 75                 | 2,925           | 15,305                        | 3,201                     | 7,153                          | 2,079                      |
| NOTRE DAME               | 159                  | 23                 | 853             | 11,427                        | 176                       | 3,089                          | 162                        |
| OHIO                     | 162                  | 53                 | 949             | 23,540                        | 4,083                     | 2,854                          | 730                        |
| OHIO STATE               | 667                  | 91                 | 3,026           | 45,187                        | 6,631                     | 10,205                         | 3,134                      |
| OKLAHOMA                 | 179                  | 56                 | 2,064           | 20,856                        | 6,647                     | 3,249                          | 3,541                      |
| OKLAHOMA STATE           | 167                  | 39                 | 1,180           | 22,874                        | 10,145                    | 1,566                          | 2,799                      |
| OREGON                   | 155                  | 43                 | 800             | 16,993                        | 3,395                     | 2,818                          | 1,034                      |
| PENNSYLVANIA             | 439                  | 63                 | 1,384           | 19,492                        | 4,251                     | 9,354                          | 2,467                      |
| PENNSYLVANIA STATE       | 685                  | 118                | 5,335           | 68,452                        | 10,624                    | 7,096                          | 4,030                      |
| PITTSBURGH               | 413                  | 65                 | 3,976           | 28,119                        | 5,455                     | 6,701                          | 2,913                      |
| PRINCETON                | 332                  | 57                 | 827             | 7,242                         | 133                       | 2,319                          | 0                          |
| PURDUE                   | 607                  | 57                 | 2,029           | 35,497                        | 3,731                     | 5,801                          | 2,137                      |
| QUEENS                   | 150                  | 38                 | 810             | 17,161                        | 3,405                     | 2,911                          | 353                        |

## PhD, Faculty, and Enrollment Statistics \*

| (Survey Question Number) | PhDs Awarded<br>(36) | PhD Fields<br>(37) | Faculty<br>(38) | ENROLLMENTS                   |                           |                                |                            |
|--------------------------|----------------------|--------------------|-----------------|-------------------------------|---------------------------|--------------------------------|----------------------------|
|                          |                      |                    |                 | Total FTE Full-time**<br>(39) | Total Part-time**<br>(40) | Graduate FTE Full-time<br>(41) | Graduate Part-time<br>(42) |
|                          |                      |                    |                 | INSTITUTION                   |                           |                                |                            |
| RICE                     | 147                  | 30                 | 598             | 4,907                         | 117                       | 1,930                          | 83                         |
| ROCHESTER                | 195                  | 44                 | 1,705           | 7,401                         | 1,472                     | 2,798                          | 1,171                      |
| RUTGERS                  | 387                  | 59                 | 2,158           | 38,425                        | 11,335                    | 6,044                          | 6,828                      |
| SASKATCHEWAN             | 84                   | 53                 | 1,012           | 15,632                        | 4,047                     | 2,129                          | 274                        |
| SOUTH CAROLINA           | 255                  | 60                 | 1,627           | 22,872                        | 5,726                     | 5,565                          | 2,635                      |
| SOUTHERN CALIFORNIA      | 420                  | 81                 | 2,004           | 29,124                        | 4,284                     | 13,440                         | 3,584                      |
| SOUTHERN ILLINOIS        | 145                  | 35                 | 904             | 16,803                        | 4,200                     | 2,354                          | 2,355                      |
| SUNY-ALBANY              | 161                  | 39                 | 596             | 14,352                        | 3,332                     | 2,393                          | 2,543                      |
| SUNY-BUFFALO             | 353                  | 76                 | 1,185           | 23,336                        | 4,487                     | 6,016                          | 3,301                      |
| SUNY-STONY BROOK         | 281                  | 46                 | 1,438           | 18,258                        | 4,320                     | 4,539                          | 3,185                      |
| SYRACUSE                 | 142                  | 45                 | 960             | 16,071                        | 3,011                     | 3,927                          | 1,999                      |
| TEMPLE                   | 402                  | 53                 | 1,709           | 26,605                        | 7,913                     | 4,679                          | 4,512                      |
| TENNESSEE                | 350                  | 60                 | 1,540           | 25,264                        | 3,637                     | 6,096                          | 2,186                      |
| TEXAS                    | 742                  | 122                | 2,509           | 45,232                        | 4,465                     | 11,005                         | 1,655                      |
| TEXAS A&M                | 598                  | 93                 | 2,331           | 42,250                        | 4,868                     | 7,097                          | 1,736                      |
| TEXAS TECH               | 179                  | 56                 | 1,732           | 26,112                        | 5,043                     | 4,974                          | 2,411                      |
| TORONTO                  | 615                  | 98                 | 2,638           | 59,345                        | 7,809                     | 10,422                         | 1,865                      |
| TULANE                   | 110                  | 44                 | 1,239           | 8,511                         | 1,778                     | 3,208                          | 506                        |
| UTAH                     | 268                  | 55                 | 1,274           | 20,018                        | 8,601                     | 3,883                          | 1,608                      |
| VANDERBILT               | 226                  | 46                 | 2,294           | 10,893                        | 714                       | 4,589                          | 640                        |
| VIRGINIA                 | 324                  | 46                 | 1,146           | 19,998                        | 4,070                     | 6,109                          | 3,283                      |
| VIRGINIA TECH            | 356                  | 52                 | 1,340           | 25,678                        | 2,792                     | 4,199                          | 2,274                      |
| WASHINGTON               | 629                  | 80                 | 3,680           | 35,498                        | 7,996                     | 9,636                          | 2,733                      |
| WASHINGTON STATE         | 175                  | 45                 | 1,087           | 19,402                        | 4,253                     | 1,998                          | 1,322                      |
| WASHINGTON U.-ST. LOUIS  | 217                  | 56                 | 779             | 10,889                        | 2,466                     | 4,639                          | 1,330                      |
| WATERLOO                 | 163                  | 37                 | 886             | 24,469                        | 2,570                     | 2,546                          | 578                        |
| WAYNE STATE              | 207                  | 57                 | 1,729           | 19,316                        | 13,924                    | 6,671                          | 5,424                      |
| WESTERN ONTARIO          | 168                  | 50                 | 1,307           | 24,998                        | 3,233                     | 3,717                          | 402                        |
| WISCONSIN                | 773                  | 107                | 2,054           | 36,347                        | 4,681                     | 6,879                          | 1,964                      |
| YALE                     | 360                  | 60                 | 1,782           | 11,229                        | 186                       | 5,926                          | 157                        |
| YORK                     | 117                  | 29                 | 1,451           | 42,468                        | 8,952                     | 3,367                          | 1,820                      |

### SUMMARY DATA

|                               |        |       |         |           |         |         |         |
|-------------------------------|--------|-------|---------|-----------|---------|---------|---------|
| Median                        | 299    | 56    | 1,451   | 22,872    | 4,251   | 4,715   | 2,033   |
| High                          | 876    | 123   | 5,335   | 68,452    | 18,918  | 14,981  | 9,165   |
| Low                           | 63     | 6     | 596     | 4,907     | 38      | 1,512   | 0       |
| Totals                        | 37,095 | 6,796 | 181,788 | 2,682,726 | 540,614 | 594,764 | 257,145 |
| Number of Libraries Reporting | 112    | 112   | 113     | 113       | 113     | 113     | 113     |

\* - Figures were reported on the ARL questionnaire and have not been verified with the US NCES IPEDS survey.

\*\* - Includes both undergraduate and graduate students.

UA/NA - Unavailable or Not Applicable





**RANK ORDER TABLES OF UNIVERSITY LIBRARIES  
2006–2007**

## SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES, 2006–2007

The table below presents the rank for each university library in each of the 21 categories for which rank order tables are prepared. The table numbers in the chart below refer to the data categories listed below. The number of libraries indicates the number of ARL university libraries supplying data in each category.

| Table | Data Category  | Number of Libraries |
|-------|--|---------------------|
| 1     | VOLUMES IN LIBRARY                                     | 113                 |
| 2     | VOLUMES ADDED (GROSS)                                  | 113                 |
| 3     | CURRENT SERIALS (TOTAL)                                | 113                 |
| 4     | MICROFORM UNITS  | 112                 |
| 5     | GOVERNMENT DOCUMENTS                                   | 99                  |
| 6     | TOTAL LIBRARY MATERIALS EXPENDITURES                   | 113                 |
| 7     | TOTAL SALARIES & WAGES EXPENDITURES                    | 113                 |
| 8     | OTHER OPERATING EXPENDITURES                           | 113                 |
| 9     | TOTAL LIBRARY EXPENDITURES                             | 113                 |
| 10    | MONOGRAPHS PURCHASED (VOLUMES)                         | 102                 |
| 11    | EXPENDITURES FOR MONOGRAPHS                            | 112                 |
| 12    | CURRENT SERIALS PURCHASED (TITLES)                     | 101                 |
| 13    | EXPENDITURES FOR CURRENT SERIALS                       | 112                 |
| 14    | TOTAL ITEMS LOANED (ILL/DD)                            | 113                 |
| 15    | TOTAL ITEMS BORROWED (ILL/DD)                          | 113                 |
| 16    | PROFESSIONAL STAFF (FTE)                               | 113                 |
| 17    | SUPPORT STAFF (FTE)                                    | 113                 |
| 18    | TOTAL STAFF (FTE)                                      | 113                 |
| 19    | EXPENDITURES FOR ELECTRONIC RESOURCES                  | 112                 |
| 20    | ELECTRONIC RESOURCES AS A % OF TOTAL LIBRARY MATERIALS | 112                 |
| 21    | LIBRARY INVESTMENT INDEX                               | 113                 |

| TABLE NUMBER              | 1   | 2   | 3   | 4   | 5  | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  |
|---------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ALABAMA                   | 80  | 91  | 75  | 64  | 12 | 91  | 93  | 71  | 91  | 81  | 89  | 55  | 82  | 109 | 99  | 69  | 93  | 83  | 84  | 54  | 91  |
| ALBERTA                   | 17  | 2   | 71  | 76  | 69 | 12  | 24  | 39  | 18  | UA  | 5   | 70  | 24  | 10  | 38  | 57  | 14  | 34  | 6   | 45  | 19  |
| ARIZONA                   | 23  | 46  | 16  | 28  | 69 | 32  | 33  | 16  | 30  | 51  | 38  | 6   | 27  | 27  | 40  | 34  | 32  | 36  | 19  | 34  | 30  |
| ARIZONA STATE             | 34  | 40  | 11  | 10  | 16 | 33  | 36  | 47  | 37  | 27  | 31  | 10  | 33  | 29  | 24  | 47  | 20  | 32  | 26  | 42  | 35  |
| AUBURN                    | 74  | 105 | 94  | 95  | 45 | 107 | 113 | 53  | 107 | 92  | 107 | 95  | 99  | 105 | 109 | 105 | 110 | 112 | 81  | 7   | 107 |
| BOSTON                    | 99  | 89  | 70  | 47  | UA | 80  | 69  | 66  | 73  | 96  | 105 | 40  | 47  | 90  | 49  | 39  | 76  | 44  | 105 | 103 | 74  |
| BOSTON COLLEGE            | 100 | 86  | 103 | 62  | 47 | 71  | 72  | 101 | 82  | 66  | 71  | 88  | 96  | 79  | 87  | 61  | 96  | 89  | 92  | 85  | 78  |
| BRIGHAM YOUNG             | 40  | 16  | 50  | 73  | 31 | 57  | 40  | 37  | 43  | 5   | 50  | 34  | 45  | 57  | 28  | 23  | 106 | 24  | 99  | 104 | 43  |
| BRITISH COLUMBIA          | 21  | 32  | 26  | 43  | 69 | 19  | 28  | 48  | 25  | UA  | 26  | 7   | 8   | 72  | 64  | 29  | 26  | 34  | 11  | 58  | 25  |
| BROWN                     | 45  | 54  | 52  | 104 | 69 | 79  | 67  | 72  | 72  | 33  | 72  | 54  | 86  | 45  | 25  | 61  | 76  | 81  | 83  | 72  | 71  |
| CALIFORNIA, BERKELEY      | 3   | 8   | 8   | 16  | 25 | 6   | 5   | 21  | 5   | UA  | 3   | 4   | 14  | 47  | 77  | 4   | 21  | 9   | 40  | 105 | 5   |
| CALIFORNIA, DAVIS         | 50  | 47  | 79  | 59  | 54 | 64  | 51  | 73  | 62  | UA  | 36  | 61  | 97  | 78  | 56  | 89  | 40  | 52  | 72  | 68  | 64  |
| CALIFORNIA, IRVINE        | 84  | 61  | 67  | 93  | 51 | 66  | 62  | 60  | 67  | 60  | 47  | 71  | 68  | 74  | 48  | 64  | 50  | 62  | 59  | 35  | 68  |
| CALIFORNIA, LOS ANGELES   | 9   | 25  | 15  | 30  | 55 | 20  | 6   | 4   | 6   | 32  | 9   | UA  | 30  | 26  | 39  | 10  | 8   | 7   | 61  | 101 | 7   |
| CALIFORNIA, RIVERSIDE     | 97  | 84  | 76  | 102 | 39 | 102 | 89  | 76  | 95  | 36  | 73  | 67  | 102 | 85  | 89  | 110 | 61  | 94  | 107 | 94  | 95  |
| CALIFORNIA, SAN DIEGO     | 61  | 27  | 93  | 85  | 69 | 70  | 27  | 28  | 34  | 46  | 49  | 82  | 67  | 61  | 50  | 39  | 25  | 30  | 58  | 30  | 37  |
| CALIFORNIA, SANTA BARBARA | 76  | 101 | 96  | 75  | 29 | 108 | 70  | 31  | 79  | 79  | 74  | 87  | 105 | 82  | 33  | 105 | 42  | 71  | 103 | 55  | 83  |
| CASE WESTERN RESERVE      | 92  | 110 | 48  | 98  | 60 | 99  | 103 | 95  | 106 | 6   | 106 | 29  | 92  | 50  | 27  | 81  | 111 | 109 | 93  | 44  | 105 |
| CHICAGO                   | 11  | 11  | 39  | 90  | UA | 14  | 35  | 45  | 28  | 7   | 13  | 56  | 12  | 28  | 78  | 75  | 24  | 37  | 37  | 95  | 28  |
| CINCINNATI                | 59  | 38  | 22  | 83  | 58 | 56  | 59  | 55  | 59  | 47  | 39  | 8   | 64  | 18  | 19  | 42  | 108 | 86  | 44  | 29  | 58  |
| COLORADO                  | 42  | 36  | 62  | 14  | 10 | 55  | 76  | 89  | 70  | 64  | 60  | 63  | 55  | 30  | 47  | 95  | 68  | 81  | 33  | 21  | 70  |
| COLORADO STATE            | 111 | 62  | 101 | 112 | 43 | 100 | 106 | 62  | 101 | 63  | 83  | 91  | 101 | 9   | 7   | 104 | 106 | 110 | 75  | 18  | 103 |
| COLUMBIA                  | 6   | 5   | 1   | 26  | 49 | 4   | 4   | 8   | 4   | 10  | 8   | 2   | 1   | 23  | 14  | 2   | 10  | 2   | 1   | 67  | 3   |
| CONNECTICUT               | 48  | 98  | 61  | 57  | UA | 63  | 29  | 77  | 44  | 85  | 100 | 85  | 49  | 37  | 37  | 53  | 97  | 79  | 46  | 23  | 44  |
| CORNELL                   | 10  | 28  | 4   | 6   | UA | 18  | 10  | 9   | 10  | UA  | 7   | UA  | 37  | 16  | 36  | 26  | 6   | 11  | 28  | 78  | 10  |
| DARTMOUTH                 | 87  | 85  | 56  | 97  | 69 | 72  | 71  | 97  | 81  | 68  | 62  | 33  | 60  | 60  | 44  | 83  | 58  | 84  | 54  | 24  | 79  |
| DELAWARE                  | 85  | 100 | 108 | 81  | 28 | 74  | 85  | 83  | 83  | 1   | 48  | 94  | 88  | 96  | 63  | 84  | 68  | 84  | 52  | 19  | 82  |
| DUKE                      | 22  | 37  | 68  | 56  | 5  | 10  | 25  | 40  | 17  | 23  | 11  | 31  | 17  | 54  | 59  | 9   | 37  | 26  | 15  | 79  | 17  |
| EMORY                     | 65  | 39  | 49  | 29  | 40 | 15  | 31  | 32  | 23  | 38  | 14  | 51  | 56  | 56  | 75  | 37  | 35  | 40  | 65  | 106 | 21  |
| FLORIDA                   | 35  | 71  | 18  | 8   | 6  | 36  | 30  | 42  | 33  | 35  | 58  | 16  | 26  | 39  | 60  | 37  | 22  | 17  | 53  | 75  | 38  |
| FLORIDA STATE             | 58  | 67  | 58  | 4   | 14 | 93  | 80  | 111 | 94  | 43  | 95  | 28  | 90  | 92  | 96  | 74  | 53  | 44  | 57  | 4   | 92  |
| GEORGE WASHINGTON         | 108 | 90  | 28  | 92  | 69 | 50  | 58  | 41  | 54  | 73  | 28  | 13  | 77  | 65  | 12  | 64  | 49  | 49  | 77  | 92  | 55  |
| GEORGETOWN                | 75  | 42  | 53  | 68  | 61 | 43  | 47  | 57  | 49  | 58  | 42  | 30  | 46  | 66  | 73  | 52  | 64  | 66  | 66  | 90  | 48  |
| GEORGIA                   | 32  | 52  | 13  | 19  | 9  | 37  | 60  | 65  | 51  | 4   | 51  | 25  | 35  | 36  | 110 | 59  | 26  | 42  | 29  | 46  | 50  |
| GEORGIA TECH              | 96  | 99  | 83  | 49  | 69 | 105 | 110 | 102 | 110 | 101 | 104 | 97  | 107 | 110 | 103 | 103 | 101 | 113 | 69  | 5   | 108 |
| GUELPH                    | 113 | 109 | 113 | 101 | 69 | 109 | 101 | 105 | 109 | UA  | 85  | 100 | 110 | 32  | 6   | 108 | 98  | 108 | 89  | 12  | 110 |
| HARVARD                   | 1   | 1   | 2   | 2   | UA | 2   | 1   | 1   | 1   | UA  | 2   | UA  | 23  | 40  | 93  | 1   | 1   | 1   | 18  | 108 | 1   |
| HAWAII                    | 55  | 76  | 37  | 79  | 69 | 82  | 63  | 96  | 77  | 71  | 70  | 53  | 69  | 113 | 67  | 53  | 80  | 61  | 68  | 49  | 76  |
| HOUSTON                   | 90  | 49  | 78  | 33  | 19 | 76  | 105 | 46  | 84  | 24  | 67  | 49  | 73  | 69  | 80  | 84  | 85  | 89  | 101 | 98  | 85  |
| HOWARD                    | 98  | 106 | 111 | 58  | 63 | 113 | 104 | 109 | 113 | 102 | 112 | 96  | 112 | 111 | 113 | 101 | 102 | 101 | 109 | 51  | 113 |
| ILLINOIS, CHICAGO         | 102 | 88  | 98  | 67  | 17 | 68  | 78  | 52  | 71  | 70  | 82  | 68  | 109 | 25  | 22  | 66  | 61  | 76  | 90  | 82  | 73  |
| ILLINOIS, URBANA          | 5   | 9   | 3   | 3   | 69 | 22  | 11  | 14  | 12  | 19  | 41  | 1   | 5   | 3   | 2   | 6   | 19  | 12  | 39  | 89  | 13  |
| INDIANA                   | 13  | 10  | 38  | 41  | 33 | 28  | 26  | 22  | 24  | 28  | 16  | 24  | 41  | 20  | 5   | 11  | 28  | 14  | 31  | 66  | 22  |
| IOWA                      | 31  | 17  | 34  | 12  | UA | 29  | 41  | 79  | 41  | 39  | 40  | 44  | 20  | 12  | 65  | 45  | 51  | 46  | 34  | 70  | 40  |
| IOWA STATE                | 95  | 95  | 36  | 80  | 69 | 59  | 87  | 74  | 78  | 72  | 68  | 42  | 48  | 63  | 95  | 100 | 86  | 96  | 32  | 9   | 81  |
| JOHNS HOPKINS             | 44  | 72  | 5   | 54  | 66 | 25  | 32  | 27  | 29  | 67  | 37  | 18  | 16  | 52  | 41  | 19  | 46  | 38  | 9   | 36  | 29  |

| TABLE NUMBER         | 1   | 2   | 3   | 4   | 5  | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  |
|----------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| KANSAS               | 36  | 66  | 65  | 77  | 18 | 67  | 57  | 54  | 61  | 17  | 56  | 58  | 76  | 22  | 20  | 35  | 65  | 48  | 98  | 96  | 63  |
| KENT STATE           | 82  | 77  | 110 | UA  | 69 | 112 | 112 | 56  | 112 | 97  | 110 | 99  | 111 | 99  | 108 | 94  | 112 | 47  | 110 | 65  | 112 |
| KENTUCKY             | 53  | 44  | 72  | 22  | 8  | 51  | 75  | 64  | 64  | 30  | 79  | 78  | 62  | 68  | 74  | 47  | 54  | 51  | 74  | 87  | 62  |
| LAVAL                | 81  | 70  | 102 | 110 | 69 | 60  | 68  | 112 | 80  | 55  | 44  | 86  | 54  | 95  | 102 | 89  | 34  | 71  | 56  | 43  | 80  |
| LOUISIANA STATE      | 52  | 78  | 9   | 15  | 23 | 83  | 107 | 94  | 100 | 22  | 52  | 5   | 87  | 112 | 91  | 97  | 76  | 92  | 82  | 61  | 97  |
| LOUISVILLE           | 110 | 64  | 88  | 103 | 69 | 98  | 97  | 36  | 88  | 99  | 108 | 50  | 83  | 102 | 70  | 95  | 86  | 93  | 100 | 73  | 90  |
| MCGILL               | 38  | 15  | 45  | 105 | 20 | 34  | 46  | 25  | 36  | 16  | 21  | 41  | 40  | 97  | 92  | 77  | 38  | 63  | 8   | 14  | 36  |
| MCMASTER             | 112 | 113 | 80  | 107 | 69 | 92  | 91  | 91  | 92  | UA  | 101 | 73  | 85  | 104 | 100 | 111 | 80  | 104 | 43  | 2   | 94  |
| MANITOBA             | 106 | 83  | 104 | 109 | 46 | 87  | 53  | 85  | 74  | 53  | 64  | 93  | 95  | 80  | 62  | 78  | 39  | 67  | 73  | 33  | 77  |
| MARYLAND             | 49  | 21  | 33  | 34  | 48 | 58  | 34  | 67  | 50  | 41  | 77  | 23  | 75  | 100 | 23  | 15  | 65  | 41  | 108 | 110 | 47  |
| MASSACHUSETTS        | 54  | 12  | 112 | 99  | UA | 106 | 84  | 75  | 93  | 94  | 97  | 101 | 100 | 42  | 16  | 92  | 98  | 95  | 94  | 28  | 93  |
| MIT                  | 79  | 97  | 107 | 100 | UA | 78  | 39  | 49  | 52  | 82  | 75  | 98  | 61  | 94  | 94  | 41  | 84  | 80  | 62  | 38  | 51  |
| MIAMI                | 67  | 56  | 30  | 66  | 69 | 26  | 65  | 51  | 42  | 50  | 32  | 14  | 15  | 43  | 101 | 55  | 52  | 59  | 10  | 32  | 42  |
| MICHIGAN             | 8   | 22  | 19  | 7   | 69 | 5   | 7   | 23  | 7   | 8   | 12  | UA  | 2   | 14  | 32  | 12  | 5   | 8   | 30  | 102 | 6   |
| MICHIGAN STATE       | 29  | 58  | 17  | 17  | 69 | 45  | 45  | 58  | 48  | 61  | 46  | 20  | 39  | 24  | 30  | 58  | 55  | 43  | 36  | 41  | 49  |
| MINNESOTA            | 15  | 24  | 14  | 13  | 2  | 16  | 18  | 12  | 16  | 44  | 25  | 27  | 10  | 1   | 21  | 32  | 16  | 21  | 23  | 77  | 16  |
| MISSOURI             | 57  | 63  | 55  | 5   | 3  | 73  | 100 | 69  | 87  | 48  | 86  | 38  | 52  | 19  | 34  | 84  | 58  | 75  | 38  | 8   | 87  |
| MONTREAL             | 70  | 53  | 47  | 108 | 69 | 46  | 23  | 81  | 35  | 34  | 55  | 35  | 32  | 81  | 79  | 32  | 9   | 23  | 42  | 53  | 33  |
| NEBRASKA             | 68  | 60  | 82  | 48  | 24 | 101 | 88  | 93  | 98  | 95  | 102 | 69  | 94  | 67  | 69  | 97  | 65  | 87  | 106 | 93  | 100 |
| NEW MEXICO           | 88  | 68  | 84  | 46  | 22 | 90  | 43  | 34  | 56  | 80  | 92  | 81  | 91  | 88  | 54  | 70  | 41  | 56  | 67  | 26  | 59  |
| NEW YORK             | 28  | 35  | 35  | 23  | 27 | 11  | 14  | 13  | 11  | 18  | 18  | 45  | 6   | 71  | 45  | 23  | 12  | 16  | 7   | 56  | 11  |
| NORTH CAROLINA       | 19  | 23  | 40  | 45  | 4  | 21  | 19  | 44  | 19  | 20  | 29  | 74  | 25  | 21  | 97  | 13  | 18  | 15  | 78  | 107 | 18  |
| NORTH CAROLINA STATE | 41  | 18  | 54  | 38  | 69 | 62  | 49  | 5   | 40  | 75  | 78  | 89  | 65  | 108 | 57  | 25  | 72  | 55  | 80  | 80  | 41  |
| NORTHWESTERN         | 30  | 41  | 29  | 52  | 62 | 31  | 37  | 61  | 38  | 45  | 22  | UA  | 34  | 35  | 53  | 29  | 43  | 33  | 24  | 52  | 34  |
| NOTRE DAME           | 62  | 50  | 25  | 70  | 69 | 47  | 52  | 59  | 53  | 42  | 20  | 21  | 66  | 70  | 84  | 73  | 32  | 57  | 41  | 50  | 54  |
| OHIO                 | 77  | 45  | 87  | 84  | UA | 110 | 102 | 100 | 108 | 59  | 90  | 84  | 108 | 5   | 13  | 78  | 105 | 99  | 102 | 48  | 109 |
| OHIO STATE           | 18  | 30  | 24  | 31  | 67 | 38  | 20  | 30  | 27  | 21  | 33  | 11  | 36  | 2   | 4   | 17  | 36  | 18  | 48  | 64  | 27  |
| OKLAHOMA             | 27  | 26  | 44  | 53  | 59 | 30  | 99  | 90  | 65  | 65  | 27  | 36  | 38  | 49  | 43  | 89  | 79  | 69  | 71  | 100 | 61  |
| OKLAHOMA STATE       | 83  | 48  | 41  | 51  | 50 | 94  | 81  | 78  | 90  | 74  | UA  | UA  | UA  | 58  | 88  | 78  | 95  | 76  | UA  | UA  | 89  |
| OREGON               | 78  | 69  | 31  | 60  | 42 | 103 | 86  | 87  | 96  | 86  | 84  | 32  | 106 | 7   | 8   | 70  | 91  | 76  | 104 | 81  | 96  |
| PENNSYLVANIA         | 20  | 33  | 10  | 63  | UA | 24  | 22  | 26  | 20  | UA  | 23  | UA  | 11  | 8   | 3   | 21  | 31  | 20  | 35  | 86  | 20  |
| PENNSYLVANIA STATE   | 25  | 14  | 23  | 40  | UA | 8   | 8   | 7   | 8   | 14  | 17  | 17  | 3   | 13  | 11  | 13  | 2   | 6   | 2   | 39  | 8   |
| PITTSBURGH           | 26  | 7   | 64  | 39  | UA | 23  | 38  | 43  | 32  | UA  | 30  | 39  | 18  | 15  | 61  | 22  | 29  | 28  | 4   | 15  | 31  |
| PRINCETON            | 16  | 19  | 81  | 21  | 53 | 7   | 17  | 24  | 13  | 13  | 6   | 47  | 19  | 48  | 18  | 18  | 13  | 22  | 17  | 91  | 12  |
| PURDUE               | 94  | 81  | 85  | 89  | 26 | 52  | 48  | 33  | 45  | 91  | 63  | 75  | 51  | 76  | 52  | 66  | 57  | 64  | 21  | 6   | 46  |
| QUEENS               | 93  | 87  | 86  | 71  | 7  | 69  | 90  | 84  | 85  | 77  | 76  | 65  | 59  | 93  | 104 | 109 | 72  | 102 | 49  | 17  | 86  |
| RICE                 | 91  | 93  | 27  | 87  | 57 | 54  | 108 | 98  | 89  | 57  | 24  | 19  | 79  | 103 | 107 | 84  | 108 | 111 | 70  | 84  | 84  |
| ROCHESTER            | 46  | 104 | 105 | 44  | 30 | 88  | 73  | 50  | 75  | 84  | 93  | UA  | 78  | 73  | 66  | 50  | 104 | 74  | 97  | 69  | 75  |
| RUTGERS              | 33  | 34  | 46  | 32  | 1  | 53  | 15  | 68  | 31  | 37  | 81  | 46  | 44  | 44  | 55  | 35  | 11  | 19  | 76  | 88  | 32  |
| SASKATCHEWAN         | 101 | 65  | 99  | 88  | 32 | 27  | 79  | 108 | 58  | 83  | 35  | 83  | 9   | 91  | 82  | 92  | 75  | 98  | 25  | 59  | 56  |
| SOUTH CAROLINA       | 51  | 79  | 59  | 42  | 11 | 86  | 77  | 18  | 63  | 87  | 87  | UA  | 74  | 89  | 85  | 66  | 74  | 50  | 64  | 27  | 67  |
| SOUTHERN CALIFORNIA  | 39  | 55  | 6   | 27  | 41 | 61  | 21  | 3   | 21  | 40  | 34  | 9   | 71  | 84  | 90  | 27  | 44  | 25  | 16  | 3   | 23  |
| SOUTHERN ILLINOIS    | 73  | 108 | 89  | 50  | 37 | 89  | 94  | 107 | 99  | 98  | 109 | 72  | 70  | 17  | 26  | 102 | 89  | 87  | 91  | 60  | 98  |
| SUNY-ALBANY          | 109 | 92  | 97  | 94  | 69 | 111 | 95  | 113 | 111 | 90  | 103 | 79  | 103 | 107 | 86  | 81  | 102 | 103 | 111 | 97  | 111 |
| SUNY-BUFFALO         | 47  | 80  | 20  | 18  | 69 | 77  | 50  | 86  | 68  | 54  | 99  | 12  | 50  | 59  | 83  | 27  | 98  | 60  | 47  | 13  | 65  |
| SUNY-STONY BROOK     | 105 | 111 | 90  | 74  | 36 | 95  | 96  | 110 | 105 | 100 | 111 | 59  | 84  | 77  | 98  | 50  | 113 | 106 | 87  | 40  | 102 |
| SYRACUSE             | 69  | 107 | 106 | 11  | 38 | 97  | 66  | 92  | 86  | 88  | 94  | 92  | 98  | 106 | 72  | 75  | 44  | 70  | 88  | 37  | 88  |

| TABLE NUMBER            | 1   | 2   | 3   | 4   | 5  | 6   | 7   | 8   | 9   | 10 | 11 | 12 | 13  | 14  | 15  | 16  | 17 | 18  | 19  | 20  | 21  |
|-------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| TEMPLE                  | 71  | 59  | 60  | 86  | 68 | 39  | 82  | 63  | 60  | 26 | 43 | 43 | 93  | 83  | 81  | 60  | 80 | 73  | 20  | 22  | 60  |
| TENNESSEE               | 66  | 51  | 73  | 55  | 64 | 35  | 61  | 99  | 55  | 56 | 53 | 80 | 21  | 55  | 58  | 56  | 46 | 52  | 45  | 71  | 53  |
| TEXAS                   | 7   | 31  | 43  | 20  | 69 | 9   | 12  | 11  | 9   | 29 | 10 | 62 | 28  | 34  | 42  | 15  | 7  | 10  | 3   | 47  | 9   |
| TEXAS A&M               | 43  | 20  | 57  | 35  | 56 | 17  | 42  | 19  | 26  | 11 | 15 | 57 | 13  | 31  | 10  | 20  | 48 | 31  | 5   | 31  | 26  |
| TEXAS TECH              | 89  | 74  | 21  | 96  | 65 | 49  | 74  | 35  | 57  | 52 | 59 | 15 | 42  | 53  | 31  | 44  | 55 | 39  | 96  | 99  | 57  |
| TORONTO                 | 4   | 4   | 66  | 37  | UA | 3   | 3   | 15  | 3   | 9  | 4  | 48 | 7   | 62  | 105 | 8   | 4  | 4   | 86  | 112 | 4   |
| TULANE                  | 72  | 96  | 100 | 111 | 52 | 81  | 111 | 103 | 102 | 49 | 80 | 64 | 72  | 98  | 106 | 107 | 93 | 107 | 95  | 83  | 101 |
| UTAH                    | 63  | 57  | 69  | 78  | 13 | 85  | 44  | 17  | 47  | UA | 66 | UA | 80  | 51  | 46  | 61  | 22 | 29  | 112 | 111 | 52  |
| VANDERBILT              | 64  | 75  | 74  | 91  | 44 | 41  | 55  | 38  | 46  | 62 | 65 | 66 | 22  | 75  | 68  | 31  | 71 | 64  | 13  | 10  | 45  |
| VIRGINIA                | 24  | 43  | 12  | 36  | 21 | 44  | 16  | 20  | 22  | 12 | 54 | 37 | 43  | 41  | 51  | 46  | 14 | 26  | 60  | 76  | 24  |
| VIRGINIA TECH           | 103 | 103 | 95  | 24  | 34 | 84  | 109 | 104 | 104 | 76 | 69 | 76 | 81  | 87  | 76  | 113 | 86 | 104 | 55  | 11  | 104 |
| WASHINGTON              | 14  | 6   | 32  | 9   | 69 | 13  | 13  | 29  | 14  | 25 | 19 | UA | 4   | 6   | 9   | 7   | 17 | 13  | 14  | 74  | 14  |
| WASHINGTON STATE        | 104 | 112 | 92  | 69  | 69 | 96  | 92  | 82  | 97  | 89 | 96 | UA | 89  | 33  | 71  | 97  | 92 | 100 | 79  | 25  | 99  |
| WASHINGTON U.-ST. LOUIS | 37  | 73  | 63  | 82  | 69 | 42  | 56  | 10  | 39  | 78 | 88 | 52 | 29  | 46  | 17  | 47  | 58 | 54  | 51  | 62  | 39  |
| WATERLOO                | 107 | 13  | 109 | 106 | 69 | 104 | 98  | 88  | 103 | 2  | 98 | 90 | 104 | 11  | 15  | 112 | 83 | 96  | 85  | 20  | 106 |
| WAYNE STATE             | 56  | 102 | 77  | 72  | 35 | 75  | 64  | 70  | 69  | 93 | 91 | 77 | 57  | 64  | 35  | 42  | 90 | 58  | 22  | 1   | 69  |
| WESTERN ONTARIO         | 60  | 82  | 42  | 65  | 69 | 48  | 83  | 106 | 76  | 15 | 57 | 22 | 31  | 86  | 111 | 70  | 68 | 91  | 27  | 16  | 72  |
| WISCONSIN               | 12  | 29  | 51  | 25  | 15 | 40  | 9   | 6   | 15  | 31 | 45 | 26 | 63  | 4   | 1   | 5   | 30 | 5   | 50  | 63  | 15  |
| YALE                    | 2   | 3   | 7   | 1   | 69 | 1   | 2   | 2   | 2   | 3  | 1  | 3  | 58  | 38  | 29  | 3   | 3  | 3   | 12  | 109 | 2   |
| YORK                    | 86  | 94  | 91  | 61  | UA | 65  | 54  | 80  | 66  | 69 | 61 | 60 | 53  | 101 | 112 | 84  | 61 | 67  | 63  | 57  | 66  |

UA - Unavailable

# RANK ORDER TABLE 1: VOLUMES IN LIBRARY

| RANK | INSTITUTION             | VALUE      |
|------|-------------------------|------------|
| 1    | HARVARD                 | 15,965,675 |
| 2    | YALE                    | 12,283,594 |
| 3    | CALIFORNIA, BERKELEY    | 10,725,334 |
| 4    | TORONTO                 | 10,719,219 |
| 5    | ILLINOIS, URBANA        | 10,712,706 |
| 6    | COLUMBIA                | 10,004,848 |
| 7    | TEXAS                   | 9,323,252  |
| 8    | MICHIGAN                | 8,414,070  |
| 9    | CALIFORNIA, LOS ANGELES | 8,272,112  |
| 10   | CORNELL                 | 7,999,177  |
| 11   | CHICAGO                 | 7,926,905  |
| 12   | WISCONSIN               | 7,916,419  |
| 13   | INDIANA                 | 7,553,823  |
| 14   | WASHINGTON              | 7,304,234  |
| 15   | MINNESOTA               | 6,867,777  |
| 16   | PRINCETON               | 6,778,675  |
| 17   | ALBERTA                 | 6,720,775  |
| 18   | OHIO STATE              | 6,244,095  |
| 19   | NORTH CAROLINA          | 6,154,365  |
| 20   | PENNSYLVANIA            | 5,994,465  |
| 21   | BRITISH COLUMBIA        | 5,929,597  |
| 22   | DUKE                    | 5,872,136  |
| 23   | ARIZONA                 | 5,632,559  |
| 24   | VIRGINIA                | 5,465,077  |
| 25   | PENNSYLVANIA STATE      | 5,220,080  |
| 26   | PITTSBURGH              | 5,116,305  |
| 27   | OKLAHOMA                | 5,047,646  |
| 28   | NEW YORK                | 4,946,277  |
| 29   | MICHIGAN STATE          | 4,915,621  |
| 30   | NORTHWESTERN            | 4,768,588  |
| 31   | IOWA                    | 4,765,690  |
| 32   | GEORGIA                 | 4,559,220  |
| 33   | RUTGERS                 | 4,462,249  |
| 34   | ARIZONA STATE           | 4,342,425  |
| 35   | FLORIDA                 | 4,229,717  |
| 36   | KANSAS                  | 4,210,639  |
| 37   | WASHINGTON U.-ST. LOUIS | 4,162,980  |
| 38   | MCGILL                  | 4,143,904  |
| 39   | SOUTHERN CALIFORNIA     | 4,039,228  |
| 40   | BRIGHAM YOUNG           | 3,908,127  |
| 41   | NORTH CAROLINA STATE    | 3,857,365  |
| 42   | COLORADO                | 3,843,458  |
| 43   | TEXAS A&M               | 3,739,081  |
| 44   | JOHNS HOPKINS           | 3,726,532  |
| 45   | BROWN                   | 3,720,244  |
| 46   | ROCHESTER               | 3,672,976  |
| 47   | SUNY-BUFFALO            | 3,655,089  |
| 48   | CONNECTICUT             | 3,637,190  |
| 49   | MARYLAND                | 3,623,376  |
| 50   | CALIFORNIA, DAVIS       | 3,599,983  |
| 51   | SOUTH CAROLINA          | 3,579,504  |
| 52   | LOUISIANA STATE         | 3,548,726  |
| 53   | KENTUCKY                | 3,537,710  |
| 54   | MASSACHUSETTS           | 3,529,419  |
| 55   | HAWAII                  | 3,486,937  |
| 56   | WAYNE STATE             | 3,458,773  |
| 57   | MISSOURI                | 3,454,585  |

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 58   | FLORIDA STATE             | 3,442,420 |
| 59   | CINCINNATI                | 3,418,599 |
| 60   | WESTERN ONTARIO           | 3,362,078 |
| 61   | CALIFORNIA, SAN DIEGO     | 3,360,442 |
| 62   | NOTRE DAME                | 3,322,395 |
| 63   | UTAH                      | 3,320,167 |
| 64   | VANDERBILT                | 3,311,665 |
| 65   | EMORY                     | 3,298,971 |
| 66   | TENNESSEE                 | 3,251,893 |
| 67   | MIAMI                     | 3,227,943 |
| 68   | NEBRASKA                  | 3,171,134 |
| 69   | SYRACUSE                  | 3,160,240 |
| 70   | MONTREAL                  | 3,150,386 |
| 71   | TEMPLE                    | 3,137,142 |
| 72   | TULANE                    | 3,106,645 |
| 73   | SOUTHERN ILLINOIS         | 3,073,665 |
| 74   | AUBURN                    | 3,016,986 |
| 75   | GEORGETOWN                | 2,955,278 |
| 76   | CALIFORNIA, SANTA BARBARA | 2,914,539 |
| 77   | OHIO                      | 2,913,522 |
| 78   | OREGON                    | 2,905,608 |
| 79   | MIT                       | 2,847,680 |
| 80   | ALABAMA                   | 2,835,808 |
| 81   | LAVAL                     | 2,834,119 |
| 82   | KENT STATE                | 2,809,479 |
| 83   | OKLAHOMA STATE            | 2,789,236 |
| 84   | CALIFORNIA, IRVINE        | 2,778,921 |
| 85   | DELAWARE                  | 2,741,215 |
| 86   | YORK                      | 2,733,807 |
| 87   | DARTMOUTH                 | 2,732,831 |
| 88   | NEW MEXICO                | 2,707,830 |
| 89   | TEXAS TECH                | 2,578,185 |
| 90   | HOUSTON                   | 2,558,069 |
| 91   | RICE                      | 2,518,659 |
| 92   | CASE WESTERN RESERVE      | 2,518,324 |
| 93   | QUEENS                    | 2,517,328 |
| 94   | PURDUE                    | 2,504,803 |
| 95   | IOWA STATE                | 2,500,880 |
| 96   | GEORGIA TECH              | 2,487,554 |
| 97   | CALIFORNIA, RIVERSIDE     | 2,483,202 |
| 98   | HOWARD                    | 2,467,638 |
| 99   | BOSTON                    | 2,463,324 |
| 100  | BOSTON COLLEGE            | 2,446,744 |
| 101  | SASKATCHEWAN              | 2,367,250 |
| 102  | ILLINOIS, CHICAGO         | 2,363,705 |
| 103  | VIRGINIA TECH             | 2,299,426 |
| 104  | WASHINGTON STATE          | 2,294,761 |
| 105  | SUNY-STONY BROOK          | 2,240,758 |
| 106  | MANITOBA                  | 2,235,944 |
| 107  | WATERLOO                  | 2,224,282 |
| 108  | GEORGE WASHINGTON         | 2,219,849 |
| 109  | SUNY-ALBANY               | 2,156,476 |
| 110  | LOUISVILLE                | 2,143,282 |
| 111  | COLORADO STATE            | 2,066,079 |
| 112  | MCMASTER                  | 2,019,006 |
| 113  | GUELPH                    | 1,578,968 |

## RANK ORDER TABLE 2: VOLUMES ADDED (GROSS)

| RANK | INSTITUTION             | VALUE   |
|------|-------------------------|---------|
| 1    | HARVARD                 | 347,049 |
| 2    | ALBERTA                 | 269,948 |
| 3    | YALE                    | 254,999 |
| 4    | TORONTO                 | 232,020 |
| 5    | COLUMBIA                | 229,439 |
| 6    | WASHINGTON              | 221,816 |
| 7    | PITTSBURGH              | 217,345 |
| 8    | CALIFORNIA, BERKELEY    | 202,625 |
| 9    | ILLINOIS, URBANA        | 196,882 |
| 10   | INDIANA                 | 196,277 |
| 11   | CHICAGO                 | 191,311 |
| 12   | MASSACHUSETTS           | 190,568 |
| 13   | WATERLOO                | 188,964 |
| 14   | PENNSYLVANIA STATE      | 185,622 |
| 15   | MCGILL                  | 184,910 |
| 16   | BRIGHAM YOUNG           | 184,608 |
| 17   | IOWA                    | 184,240 |
| 18   | NORTH CAROLINA STATE    | 172,583 |
| 19   | PRINCETON               | 169,135 |
| 20   | TEXAS A&M               | 164,566 |
| 21   | MARYLAND                | 159,099 |
| 22   | MICHIGAN                | 157,552 |
| 23   | NORTH CAROLINA          | 138,562 |
| 24   | MINNESOTA               | 137,273 |
| 25   | CALIFORNIA, LOS ANGELES | 131,198 |
| 26   | OKLAHOMA                | 131,123 |
| 27   | CALIFORNIA, SAN DIEGO   | 130,258 |
| 28   | CORNELL                 | 128,113 |
| 29   | WISCONSIN               | 116,200 |
| 30   | OHIO STATE              | 115,400 |
| 31   | TEXAS                   | 114,833 |
| 32   | BRITISH COLUMBIA        | 109,070 |
| 33   | PENNSYLVANIA            | 107,078 |
| 34   | RUTGERS                 | 100,692 |
| 35   | NEW YORK                | 100,043 |
| 36   | COLORADO                | 99,592  |
| 37   | DUKE                    | 98,905  |
| 38   | CINCINNATI              | 94,815  |
| 39   | EMORY                   | 94,667  |
| 40   | ARIZONA STATE           | 93,623  |
| 41   | NORTHWESTERN            | 92,004  |
| 42   | GEORGETOWN              | 91,987  |
| 43   | VIRGINIA                | 88,756  |
| 44   | KENTUCKY                | 85,561  |
| 45   | OHIO                    | 83,258  |
| 46   | ARIZONA                 | 82,344  |
| 47   | CALIFORNIA, DAVIS       | 81,543  |
| 48   | OKLAHOMA STATE          | 79,930  |
| 49   | HOUSTON                 | 79,824  |
| 50   | NOTRE DAME              | 79,540  |
| 51   | TENNESSEE               | 78,738  |
| 52   | GEORGIA                 | 75,494  |
| 53   | MONTREAL                | 74,411  |
| 54   | BROWN                   | 74,085  |
| 55   | SOUTHERN CALIFORNIA     | 73,605  |
| 56   | MIAMI                   | 70,498  |
| 57   | UTAH                    | 69,759  |

| RANK | INSTITUTION               | VALUE  |
|------|---------------------------|--------|
| 58   | MICHIGAN STATE            | 66,906 |
| 59   | TEMPLE                    | 66,014 |
| 60   | NEBRASKA                  | 65,994 |
| 61   | CALIFORNIA, IRVINE        | 65,290 |
| 62   | COLORADO STATE            | 65,234 |
| 63   | MISSOURI                  | 64,014 |
| 64   | LOUISVILLE                | 63,740 |
| 65   | SASKATCHEWAN              | 63,731 |
| 66   | KANSAS                    | 62,438 |
| 67   | FLORIDA STATE             | 62,369 |
| 68   | NEW MEXICO                | 62,075 |
| 69   | OREGON                    | 62,013 |
| 70   | LAVAL                     | 61,874 |
| 71   | FLORIDA                   | 59,624 |
| 72   | JOHNS HOPKINS             | 59,052 |
| 73   | WASHINGTON U.-ST. LOUIS   | 58,602 |
| 74   | TEXAS TECH                | 58,178 |
| 75   | VANDERBILT                | 58,102 |
| 76   | HAWAII                    | 56,308 |
| 77   | KENT STATE                | 55,279 |
| 78   | LOUISIANA STATE           | 54,400 |
| 79   | SOUTH CAROLINA            | 54,301 |
| 80   | SUNY-BUFFALO              | 54,272 |
| 81   | PURDUE                    | 52,779 |
| 82   | WESTERN ONTARIO           | 52,753 |
| 83   | MANITOBA                  | 52,240 |
| 84   | CALIFORNIA, RIVERSIDE     | 50,266 |
| 85   | DARTMOUTH                 | 50,168 |
| 86   | BOSTON COLLEGE            | 50,137 |
| 87   | QUEENS                    | 48,389 |
| 88   | ILLINOIS, CHICAGO         | 48,051 |
| 89   | BOSTON                    | 47,105 |
| 90   | GEORGE WASHINGTON         | 46,166 |
| 91   | ALABAMA                   | 46,035 |
| 92   | SUNY-ALBANY               | 45,500 |
| 93   | RICE                      | 45,481 |
| 94   | YORK                      | 44,626 |
| 95   | IOWA STATE                | 44,550 |
| 96   | TULANE                    | 44,108 |
| 97   | MIT                       | 43,372 |
| 98   | CONNECTICUT               | 41,666 |
| 99   | GEORGIA TECH              | 41,220 |
| 100  | DELAWARE                  | 38,010 |
| 101  | CALIFORNIA, SANTA BARBARA | 37,484 |
| 102  | WAYNE STATE               | 35,959 |
| 103  | VIRGINIA TECH             | 35,265 |
| 104  | ROCHESTER                 | 34,715 |
| 105  | AUBURN                    | 34,484 |
| 106  | HOWARD                    | 33,864 |
| 107  | SYRACUSE                  | 30,294 |
| 108  | SOUTHERN ILLINOIS         | 29,439 |
| 109  | GUELPH                    | 29,071 |
| 110  | CASE WESTERN RESERVE      | 27,987 |
| 111  | SUNY-STONY BROOK          | 27,297 |
| 112  | WASHINGTON STATE          | 26,922 |
| 113  | MCMASTER                  | 18,107 |

### RANK ORDER TABLE 3: CURRENT SERIALS (TOTAL)

| RANK | INSTITUTION             | VALUE   |
|------|-------------------------|---------|
| 1    | COLUMBIA                | 119,637 |
| 2    | HARVARD                 | 110,463 |
| 3    | ILLINOIS, URBANA        | 107,666 |
| 4    | CORNELL                 | 92,000  |
| 5    | JOHNS HOPKINS           | 91,851  |
| 6    | SOUTHERN CALIFORNIA     | 89,971  |
| 7    | YALE                    | 89,649  |
| 8    | CALIFORNIA, BERKELEY    | 87,265  |
| 9    | LOUISIANA STATE         | 86,026  |
| 10   | PENNSYLVANIA            | 84,182  |
| 11   | ARIZONA STATE           | 82,862  |
| 12   | VIRGINIA                | 82,440  |
| 13   | GEORGIA                 | 80,976  |
| 14   | MINNESOTA               | 77,446  |
| 15   | CALIFORNIA, LOS ANGELES | 76,248  |
| 16   | ARIZONA                 | 75,181  |
| 17   | MICHIGAN STATE          | 74,177  |
| 18   | FLORIDA                 | 73,747  |
| 19   | MICHIGAN                | 71,788  |
| 20   | SUNY-BUFFALO            | 71,234  |
| 21   | TEXAS TECH              | 70,114  |
| 22   | CINCINNATI              | 69,609  |
| 23   | PENNSYLVANIA STATE      | 68,876  |
| 24   | OHIO STATE              | 68,550  |
| 25   | NOTRE DAME              | 68,038  |
| 26   | BRITISH COLUMBIA        | 67,827  |
| 27   | RICE                    | 66,473  |
| 28   | GEORGE WASHINGTON       | 65,604  |
| 29   | NORTHWESTERN            | 64,888  |
| 30   | MIAMI                   | 62,621  |
| 31   | OREGON                  | 62,348  |
| 32   | WASHINGTON              | 61,272  |
| 33   | MARYLAND                | 60,117  |
| 34   | IOWA                    | 59,380  |
| 35   | NEW YORK                | 58,968  |
| 36   | IOWA STATE              | 58,443  |
| 37   | HAWAII                  | 58,111  |
| 38   | INDIANA                 | 57,534  |
| 39   | CHICAGO                 | 57,236  |
| 40   | NORTH CAROLINA          | 56,647  |
| 41   | OKLAHOMA STATE          | 56,261  |
| 42   | WESTERN ONTARIO         | 56,223  |
| 43   | TEXAS                   | 56,097  |
| 44   | OKLAHOMA                | 55,815  |
| 45   | MCGILL                  | 54,490  |
| 46   | RUTGERS                 | 54,450  |
| 47   | MONTREAL                | 54,265  |
| 48   | CASE WESTERN RESERVE    | 54,252  |
| 49   | EMORY                   | 54,218  |
| 50   | BRIGHAM YOUNG           | 54,183  |
| 51   | WISCONSIN               | 54,164  |
| 52   | BROWN                   | 54,050  |
| 53   | GEORGETOWN              | 53,697  |
| 54   | NORTH CAROLINA STATE    | 53,404  |
| 55   | MISSOURI                | 52,490  |
| 56   | DARTMOUTH               | 51,936  |
| 57   | TEXAS A&M               | 51,797  |

| RANK | INSTITUTION               | VALUE  |
|------|---------------------------|--------|
| 58   | FLORIDA STATE             | 51,733 |
| 59   | SOUTH CAROLINA            | 51,540 |
| 60   | TEMPLE                    | 51,198 |
| 61   | CONNECTICUT               | 51,007 |
| 62   | COLORADO                  | 50,350 |
| 63   | WASHINGTON U.-ST. LOUIS   | 49,970 |
| 64   | PITTSBURGH                | 48,637 |
| 65   | KANSAS                    | 48,212 |
| 66   | TORONTO                   | 47,916 |
| 67   | CALIFORNIA, IRVINE        | 47,668 |
| 68   | DUKE                      | 47,122 |
| 69   | UTAH                      | 45,830 |
| 70   | BOSTON                    | 45,264 |
| 71   | ALBERTA                   | 45,110 |
| 72   | KENTUCKY                  | 44,610 |
| 73   | TENNESSEE                 | 44,337 |
| 74   | VANDERBILT                | 44,199 |
| 75   | ALABAMA                   | 44,079 |
| 76   | CALIFORNIA, RIVERSIDE     | 44,025 |
| 77   | WAYNE STATE               | 43,559 |
| 78   | HOUSTON                   | 42,812 |
| 79   | CALIFORNIA, DAVIS         | 42,592 |
| 80   | MCMASTER                  | 41,216 |
| 81   | PRINCETON                 | 41,120 |
| 82   | NEBRASKA                  | 41,034 |
| 83   | GEORGIA TECH              | 40,887 |
| 84   | NEW MEXICO                | 40,374 |
| 85   | PURDUE                    | 40,073 |
| 86   | QUEENS                    | 39,823 |
| 87   | OHIO                      | 39,297 |
| 88   | LOUISVILLE                | 39,268 |
| 89   | SOUTHERN ILLINOIS         | 39,221 |
| 90   | SUNY-STONY BROOK          | 38,747 |
| 91   | YORK                      | 38,714 |
| 92   | WASHINGTON STATE          | 37,648 |
| 93   | CALIFORNIA, SAN DIEGO     | 37,385 |
| 94   | AUBURN                    | 36,635 |
| 95   | VIRGINIA TECH             | 35,596 |
| 96   | CALIFORNIA, SANTA BARBARA | 35,544 |
| 97   | SUNY-ALBANY               | 35,466 |
| 98   | ILLINOIS, CHICAGO         | 35,006 |
| 99   | SASKATCHEWAN              | 34,920 |
| 100  | TULANE                    | 34,820 |
| 101  | COLORADO STATE            | 32,678 |
| 102  | LAVAL                     | 32,158 |
| 103  | BOSTON COLLEGE            | 31,714 |
| 104  | MANITOBA                  | 29,800 |
| 105  | ROCHESTER                 | 27,240 |
| 106  | SYRACUSE                  | 23,285 |
| 107  | MIT                       | 22,280 |
| 108  | DELAWARE                  | 21,931 |
| 109  | WATERLOO                  | 21,706 |
| 110  | KENT STATE                | 17,093 |
| 111  | HOWARD                    | 16,627 |
| 112  | MASSACHUSETTS             | 16,488 |
| 113  | GUELPH                    | 11,787 |



# RANK ORDER TABLE 4: MICROFORM UNITS

| RANK | INSTITUTION             | VALUE      |
|------|-------------------------|------------|
| 1    | YALE                    | 10,203,889 |
| 2    | HARVARD                 | 10,118,984 |
| 3    | ILLINOIS, URBANA        | 9,535,387  |
| 4    | FLORIDA STATE           | 9,106,394  |
| 5    | MISSOURI                | 8,696,639  |
| 6    | CORNELL                 | 8,445,737  |
| 7    | MICHIGAN                | 8,445,189  |
| 8    | FLORIDA                 | 7,814,666  |
| 9    | WASHINGTON              | 7,761,037  |
| 10   | ARIZONA STATE           | 7,587,902  |
| 11   | SYRACUSE                | 7,450,629  |
| 12   | IOWA                    | 7,178,601  |
| 13   | MINNESOTA               | 6,947,047  |
| 14   | COLORADO                | 6,889,047  |
| 15   | LOUISIANA STATE         | 6,763,548  |
| 16   | CALIFORNIA, BERKELEY    | 6,757,837  |
| 17   | MICHIGAN STATE          | 6,736,282  |
| 18   | SUNY-BUFFALO            | 6,682,368  |
| 19   | GEORGIA                 | 6,615,818  |
| 20   | TEXAS                   | 6,588,105  |
| 21   | PRINCETON               | 6,536,264  |
| 22   | KENTUCKY                | 6,433,748  |
| 23   | NEW YORK                | 6,430,172  |
| 24   | VIRGINIA TECH           | 6,323,061  |
| 25   | WISCONSIN               | 6,314,054  |
| 26   | COLUMBIA                | 6,300,446  |
| 27   | SOUTHERN CALIFORNIA     | 6,278,392  |
| 28   | ARIZONA                 | 6,267,015  |
| 29   | EMORY                   | 6,216,565  |
| 30   | CALIFORNIA, LOS ANGELES | 6,202,084  |
| 31   | OHIO STATE              | 6,002,228  |
| 32   | RUTGERS                 | 5,962,736  |
| 33   | HOUSTON                 | 5,955,038  |
| 34   | MARYLAND                | 5,810,160  |
| 35   | TEXAS A&M               | 5,583,684  |
| 36   | VIRGINIA                | 5,508,337  |
| 37   | TORONTO                 | 5,471,768  |
| 38   | NORTH CAROLINA STATE    | 5,445,379  |
| 39   | PITTSBURGH              | 5,399,668  |
| 40   | PENNSYLVANIA STATE      | 5,378,624  |
| 41   | INDIANA                 | 5,351,686  |
| 42   | SOUTH CAROLINA          | 5,306,418  |
| 43   | BRITISH COLUMBIA        | 5,257,832  |
| 44   | ROCHESTER               | 5,105,142  |
| 45   | NORTH CAROLINA          | 5,088,410  |
| 46   | NEW MEXICO              | 4,716,420  |
| 47   | BOSTON                  | 4,675,390  |
| 48   | NEBRASKA                | 4,659,407  |
| 49   | GEORGIA TECH            | 4,613,109  |
| 50   | SOUTHERN ILLINOIS       | 4,594,306  |
| 51   | OKLAHOMA STATE          | 4,518,524  |
| 52   | NORTHWESTERN            | 4,511,356  |
| 53   | OKLAHOMA                | 4,449,470  |
| 54   | JOHNS HOPKINS           | 4,391,442  |
| 55   | TENNESSEE               | 4,362,751  |
| 56   | DUKE                    | 4,301,882  |
| 57   | CONNECTICUT             | 4,301,603  |

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 58   | HOWARD                    | 4,220,992 |
| 59   | CALIFORNIA, DAVIS         | 4,220,007 |
| 60   | OREGON                    | 4,156,078 |
| 61   | YORK                      | 4,153,557 |
| 62   | BOSTON COLLEGE            | 4,152,272 |
| 63   | PENNSYLVANIA              | 4,118,094 |
| 64   | ALABAMA                   | 4,068,078 |
| 65   | WESTERN ONTARIO           | 4,031,547 |
| 66   | MIAMI                     | 3,981,693 |
| 67   | ILLINOIS, CHICAGO         | 3,969,651 |
| 68   | GEORGETOWN                | 3,957,886 |
| 69   | WASHINGTON STATE          | 3,929,090 |
| 70   | NOTRE DAME                | 3,920,355 |
| 71   | QUEENS                    | 3,906,399 |
| 72   | WAYNE STATE               | 3,895,009 |
| 73   | BRIGHAM YOUNG             | 3,859,362 |
| 74   | SUNY-STONY BROOK          | 3,837,093 |
| 75   | CALIFORNIA, SANTA BARBARA | 3,771,797 |
| 76   | ALBERTA                   | 3,734,584 |
| 77   | KANSAS                    | 3,646,724 |
| 78   | UTAH                      | 3,631,803 |
| 79   | HAWAII                    | 3,509,537 |
| 80   | IOWA STATE                | 3,508,755 |
| 81   | DELAWARE                  | 3,437,256 |
| 82   | WASHINGTON U.-ST. LOUIS   | 3,430,687 |
| 83   | CINCINNATI                | 3,362,670 |
| 84   | OHIO                      | 3,308,966 |
| 85   | CALIFORNIA, SAN DIEGO     | 3,272,873 |
| 86   | TEMPLE                    | 3,267,996 |
| 87   | RICE                      | 3,248,726 |
| 88   | SASKATCHEWAN              | 3,108,884 |
| 89   | PURDUE                    | 3,103,709 |
| 90   | CHICAGO                   | 3,080,279 |
| 91   | VANDERBILT                | 3,043,483 |
| 92   | GEORGE WASHINGTON         | 2,914,221 |
| 93   | CALIFORNIA, IRVINE        | 2,891,436 |
| 94   | SUNY-ALBANY               | 2,880,197 |
| 95   | AUBURN                    | 2,712,980 |
| 96   | TEXAS TECH                | 2,666,475 |
| 97   | DARTMOUTH                 | 2,599,765 |
| 98   | CASE WESTERN RESERVE      | 2,590,449 |
| 99   | MASSACHUSETTS             | 2,582,187 |
| 100  | MIT                       | 2,411,592 |
| 101  | GUELPH                    | 2,343,937 |
| 102  | CALIFORNIA, RIVERSIDE     | 2,252,549 |
| 103  | LOUISVILLE                | 2,212,690 |
| 104  | BROWN                     | 1,952,956 |
| 105  | MCGILL                    | 1,782,148 |
| 106  | WATERLOO                  | 1,709,140 |
| 107  | MCMASTER                  | 1,627,075 |
| 108  | MONTREAL                  | 1,539,466 |
| 109  | MANITOBA                  | 1,472,353 |
| 110  | LAVAL                     | 1,293,971 |
| 111  | TULANE                    | 1,248,377 |
| 112  | COLORADO STATE            | 1,165,640 |
|      | KENT STATE                | UA/NA     |

# RANK ORDER TABLE 5: GOVERNMENT DOCUMENTS

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 1    | RUTGERS                   | 2,665,560 |
| 2    | MINNESOTA                 | 2,638,912 |
| 3    | MISSOURI                  | 1,681,590 |
| 4    | NORTH CAROLINA            | 1,625,932 |
| 5    | DUKE                      | 1,252,784 |
| 6    | FLORIDA                   | 1,235,366 |
| 7    | QUEENS                    | 1,114,831 |
| 8    | KENTUCKY                  | 1,102,510 |
| 9    | GEORGIA                   | 1,062,664 |
| 10   | COLORADO                  | 964,836   |
| 11   | SOUTH CAROLINA            | 937,420   |
| 12   | ALABAMA                   | 935,159   |
| 13   | UTAH                      | 892,377   |
| 14   | FLORIDA STATE             | 863,761   |
| 15   | WISCONSIN                 | 861,389   |
| 16   | ARIZONA STATE             | 806,062   |
| 17   | ILLINOIS, CHICAGO         | 785,060   |
| 18   | KANSAS                    | 736,947   |
| 19   | HOUSTON                   | 680,971   |
| 20   | MCGILL                    | 676,373   |
| 21   | VIRGINIA                  | 676,182   |
| 22   | NEW MEXICO                | 658,593   |
| 23   | LOUISIANA STATE           | 592,560   |
| 24   | NEBRASKA                  | 552,672   |
| 25   | CALIFORNIA, BERKELEY      | 505,860   |
| 26   | PURDUE                    | 489,519   |
| 27   | NEW YORK                  | 481,661   |
| 28   | DELAWARE                  | 450,119   |
| 29   | CALIFORNIA, SANTA BARBARA | 435,798   |
| 30   | ROCHESTER                 | 429,239   |
| 31   | BRIGHAM YOUNG             | 420,238   |
| 32   | SASKATCHEWAN              | 415,587   |
| 33   | INDIANA                   | 407,196   |
| 34   | VIRGINIA TECH             | 399,525   |
| 35   | WAYNE STATE               | 388,182   |
| 36   | SUNY-STONY BROOK          | 343,630   |
| 37   | SOUTHERN ILLINOIS         | 313,173   |
| 38   | SYRACUSE                  | 304,650   |
| 39   | CALIFORNIA, RIVERSIDE     | 296,807   |
| 40   | EMORY                     | 276,766   |
| 41   | SOUTHERN CALIFORNIA       | 270,642   |
| 42   | OREGON                    | 268,640   |
| 43   | COLORADO STATE            | 264,168   |
| 44   | VANDERBILT                | 261,495   |
| 45   | AUBURN                    | 239,511   |
| 46   | MANITOBA                  | 224,871   |
| 47   | BOSTON COLLEGE            | 213,086   |
| 48   | MARYLAND                  | 198,577   |
| 49   | COLUMBIA                  | 194,423   |
| 50   | OKLAHOMA STATE            | 170,807   |
| 51   | CALIFORNIA, IRVINE        | 167,834   |
| 52   | TULANE                    | 143,431   |
| 53   | PRINCETON                 | 122,822   |
| 54   | CALIFORNIA, DAVIS         | 73,145    |
| 55   | CALIFORNIA, LOS ANGELES   | 72,562    |
| 56   | TEXAS A&M                 | 65,519    |
| 57   | RICE                      | 55,896    |

| RANK | INSTITUTION             | VALUE  |
|------|-------------------------|--------|
| 58   | CINCINNATI              | 33,497 |
| 59   | OKLAHOMA                | 29,927 |
| 60   | CASE WESTERN RESERVE    | 26,867 |
| 61   | GEORGETOWN              | 9,385  |
| 62   | NORTHWESTERN            | 7,808  |
| 63   | HOWARD                  | 4,405  |
| 64   | TENNESSEE               | 4,344  |
| 65   | TEXAS TECH              | 4,222  |
| 66   | JOHNS HOPKINS           | 1,300  |
| 67   | OHIO STATE              | 738    |
| 68   | TEMPLE                  | 580    |
| 69   | ALBERTA                 | 0      |
| 69   | ARIZONA                 | 0      |
| 69   | BRITISH COLUMBIA        | 0      |
| 69   | BROWN                   | 0      |
| 69   | CALIFORNIA, SAN DIEGO   | 0      |
| 69   | DARTMOUTH               | 0      |
| 69   | GEORGE WASHINGTON       | 0      |
| 69   | GEORGIA TECH            | 0      |
| 69   | GUELPH                  | 0      |
| 69   | HAWAII                  | 0      |
| 69   | ILLINOIS, URBANA        | 0      |
| 69   | IOWA STATE              | 0      |
| 69   | KENT STATE              | 0      |
| 69   | LAVAL                   | 0      |
| 69   | LOUISVILLE              | 0      |
| 69   | MCMASTER                | 0      |
| 69   | MIAMI                   | 0      |
| 69   | MICHIGAN                | 0      |
| 69   | MICHIGAN STATE          | 0      |
| 69   | MONTREAL                | 0      |
| 69   | NORTH CAROLINA STATE    | 0      |
| 69   | NOTRE DAME              | 0      |
| 69   | SUNY-ALBANY             | 0      |
| 69   | SUNY-BUFFALO            | 0      |
| 69   | TEXAS                   | 0      |
| 69   | WASHINGTON              | 0      |
| 69   | WASHINGTON STATE        | 0      |
| 69   | WASHINGTON U.-ST. LOUIS | 0      |
| 69   | WATERLOO                | 0      |
| 69   | WESTERN ONTARIO         | 0      |
| 69   | YALE                    | 0      |
|      | BOSTON                  | UA/NA  |
|      | CHICAGO                 | UA/NA  |
|      | CONNECTICUT             | UA/NA  |
|      | CORNELL                 | UA/NA  |
|      | HARVARD                 | UA/NA  |
|      | IOWA                    | UA/NA  |
|      | MASSACHUSETTS           | UA/NA  |
|      | MIT                     | UA/NA  |
|      | OHIO                    | UA/NA  |
|      | PENNSYLVANIA            | UA/NA  |
|      | PENNSYLVANIA STATE      | UA/NA  |
|      | PITTSBURGH              | UA/NA  |
|      | TORONTO                 | UA/NA  |
|      | YORK                    | UA/NA  |

# RANK ORDER TABLE 6: TOTAL LIBRARY MATERIALS EXPENDITURES

| RANK | INSTITUTION             | VALUE      |
|------|-------------------------|------------|
| 1    | YALE                    | 33,942,469 |
| 2    | HARVARD                 | 29,677,074 |
| 3    | TORONTO                 | 22,455,604 |
| 4    | COLUMBIA                | 22,247,648 |
| 5    | MICHIGAN                | 20,521,937 |
| 6    | CALIFORNIA, BERKELEY    | 19,715,862 |
| 7    | PRINCETON               | 18,428,119 |
| 8    | PENNSYLVANIA STATE      | 18,306,551 |
| 9    | TEXAS                   | 17,847,024 |
| 10   | DUKE                    | 16,736,707 |
| 11   | NEW YORK                | 16,402,378 |
| 12   | ALBERTA                 | 16,330,216 |
| 13   | WASHINGTON              | 16,161,944 |
| 14   | CHICAGO                 | 16,130,090 |
| 15   | EMORY                   | 15,885,660 |
| 16   | MINNESOTA               | 15,695,613 |
| 17   | TEXAS A&M               | 15,506,357 |
| 18   | CORNELL                 | 15,012,671 |
| 19   | BRITISH COLUMBIA        | 14,967,690 |
| 20   | CALIFORNIA, LOS ANGELES | 14,893,015 |
| 21   | NORTH CAROLINA          | 14,551,148 |
| 22   | ILLINOIS, URBANA        | 14,530,720 |
| 23   | PITTSBURGH              | 14,438,533 |
| 24   | PENNSYLVANIA            | 14,426,982 |
| 25   | JOHNS HOPKINS           | 14,195,523 |
| 26   | MIAMI                   | 13,828,140 |
| 27   | SASKATCHEWAN            | 13,570,510 |
| 28   | INDIANA                 | 13,222,486 |
| 29   | IOWA                    | 13,026,345 |
| 30   | OKLAHOMA                | 12,966,567 |
| 31   | NORTHWESTERN            | 12,911,252 |
| 32   | ARIZONA                 | 12,573,693 |
| 33   | ARIZONA STATE           | 12,192,366 |
| 34   | MCGILL                  | 12,172,462 |
| 35   | TENNESSEE               | 12,069,221 |
| 36   | FLORIDA                 | 11,844,826 |
| 37   | GEORGIA                 | 11,819,042 |
| 38   | OHIO STATE              | 11,448,889 |
| 39   | TEMPLE                  | 11,259,438 |
| 40   | WISCONSIN               | 11,242,567 |
| 41   | VANDERBILT              | 11,156,788 |
| 42   | WASHINGTON U.-ST. LOUIS | 11,019,989 |
| 43   | GEORGETOWN              | 10,811,711 |
| 44   | VIRGINIA                | 10,791,623 |
| 45   | MICHIGAN STATE          | 10,562,324 |
| 46   | MONTREAL                | 10,533,596 |
| 47   | NOTRE DAME              | 10,496,179 |
| 48   | WESTERN ONTARIO         | 10,281,868 |
| 49   | TEXAS TECH              | 10,201,548 |
| 50   | GEORGE WASHINGTON       | 10,130,875 |
| 51   | KENTUCKY                | 10,075,915 |
| 52   | PURDUE                  | 10,073,561 |
| 53   | RUTGERS                 | 10,069,313 |
| 54   | RICE                    | 9,889,566  |
| 55   | COLORADO                | 9,633,354  |
| 56   | CINCINNATI              | 9,600,793  |
| 57   | BRIGHAM YOUNG           | 9,594,560  |

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 58   | MARYLAND                  | 9,401,463 |
| 59   | IOWA STATE                | 9,245,223 |
| 60   | LAVAL                     | 9,224,402 |
| 61   | SOUTHERN CALIFORNIA       | 9,128,147 |
| 62   | NORTH CAROLINA STATE      | 9,090,707 |
| 63   | CONNECTICUT               | 8,917,973 |
| 64   | CALIFORNIA, DAVIS         | 8,791,741 |
| 65   | YORK                      | 8,778,423 |
| 66   | CALIFORNIA, IRVINE        | 8,630,487 |
| 67   | KANSAS                    | 8,602,406 |
| 68   | ILLINOIS, CHICAGO         | 8,528,000 |
| 69   | QUEENS                    | 8,507,864 |
| 70   | CALIFORNIA, SAN DIEGO     | 8,501,529 |
| 71   | BOSTON COLLEGE            | 8,483,648 |
| 72   | DARTMOUTH                 | 8,399,585 |
| 73   | MISSOURI                  | 8,389,722 |
| 74   | DELAWARE                  | 8,380,119 |
| 75   | WAYNE STATE               | 8,344,118 |
| 76   | HOUSTON                   | 8,296,080 |
| 77   | SUNY-BUFFALO              | 8,279,987 |
| 78   | MIT                       | 8,228,345 |
| 79   | BROWN                     | 8,219,812 |
| 80   | BOSTON                    | 8,087,754 |
| 81   | TULANE                    | 8,044,143 |
| 82   | HAWAII                    | 7,859,038 |
| 83   | LOUISIANA STATE           | 7,608,658 |
| 84   | VIRGINIA TECH             | 7,592,311 |
| 85   | UTAH                      | 7,541,720 |
| 86   | SOUTH CAROLINA            | 7,403,459 |
| 87   | MANITOBA                  | 7,181,952 |
| 88   | ROCHESTER                 | 7,165,032 |
| 89   | SOUTHERN ILLINOIS         | 7,121,969 |
| 90   | NEW MEXICO                | 7,081,803 |
| 91   | ALABAMA                   | 7,032,660 |
| 92   | MCMASTER                  | 7,019,014 |
| 93   | FLORIDA STATE             | 6,840,347 |
| 94   | OKLAHOMA STATE            | 6,713,308 |
| 95   | SUNY-STONY BROOK          | 6,669,080 |
| 96   | WASHINGTON STATE          | 6,462,246 |
| 97   | SYRACUSE                  | 6,457,876 |
| 98   | LOUISVILLE                | 6,332,778 |
| 99   | CASE WESTERN RESERVE      | 6,332,322 |
| 100  | COLORADO STATE            | 6,279,281 |
| 101  | NEBRASKA                  | 6,226,322 |
| 102  | CALIFORNIA, RIVERSIDE     | 6,176,930 |
| 103  | OREGON                    | 6,159,104 |
| 104  | WATERLOO                  | 5,927,582 |
| 105  | GEORGIA TECH              | 5,913,698 |
| 106  | MASSACHUSETTS             | 5,854,922 |
| 107  | AUBURN                    | 5,543,546 |
| 108  | CALIFORNIA, SANTA BARBARA | 5,423,851 |
| 109  | GUELPH                    | 5,408,772 |
| 110  | OHIO                      | 5,333,771 |
| 111  | SUNY-ALBANY               | 5,134,576 |
| 112  | KENT STATE                | 3,874,159 |
| 113  | HOWARD                    | 3,543,513 |

## RANK ORDER TABLE 7: TOTAL SALARIES & WAGES EXPENDITURES

| RANK | INSTITUTION             | VALUE      |
|------|-------------------------|------------|
| 1    | HARVARD                 | 61,015,190 |
| 2    | YALE                    | 33,124,849 |
| 3    | TORONTO                 | 31,881,312 |
| 4    | COLUMBIA                | 30,069,486 |
| 5    | CALIFORNIA, BERKELEY    | 27,298,327 |
| 6    | CALIFORNIA, LOS ANGELES | 26,932,279 |
| 7    | MICHIGAN                | 24,838,944 |
| 8    | PENNSYLVANIA STATE      | 24,300,413 |
| 9    | WISCONSIN               | 22,566,885 |
| 10   | CORNELL                 | 21,947,474 |
| 11   | ILLINOIS, URBANA        | 21,260,744 |
| 12   | TEXAS                   | 20,885,832 |
| 13   | WASHINGTON              | 20,762,260 |
| 14   | NEW YORK                | 19,737,848 |
| 15   | RUTGERS                 | 18,479,997 |
| 16   | VIRGINIA                | 18,287,810 |
| 17   | PRINCETON               | 18,041,573 |
| 18   | MINNESOTA               | 17,810,965 |
| 19   | NORTH CAROLINA          | 17,397,888 |
| 20   | OHIO STATE              | 16,382,380 |
| 21   | SOUTHERN CALIFORNIA     | 16,012,388 |
| 22   | PENNSYLVANIA            | 15,937,988 |
| 23   | MONTREAL                | 15,866,183 |
| 24   | ALBERTA                 | 15,627,381 |
| 25   | DUKE                    | 15,426,545 |
| 26   | INDIANA                 | 15,179,885 |
| 27   | CALIFORNIA, SAN DIEGO   | 14,980,147 |
| 28   | BRITISH COLUMBIA        | 14,576,311 |
| 29   | CONNECTICUT             | 14,119,115 |
| 30   | FLORIDA                 | 13,594,474 |
| 31   | EMORY                   | 13,532,807 |
| 32   | JOHNS HOPKINS           | 13,001,476 |
| 33   | ARIZONA                 | 12,548,210 |
| 34   | MARYLAND                | 12,499,338 |
| 35   | CHICAGO                 | 12,221,486 |
| 36   | ARIZONA STATE           | 12,181,468 |
| 37   | NORTHWESTERN            | 12,015,652 |
| 38   | PITTSBURGH              | 11,988,030 |
| 39   | MIT                     | 11,898,450 |
| 40   | BRIGHAM YOUNG           | 11,763,259 |
| 41   | IOWA                    | 11,720,275 |
| 42   | TEXAS A&M               | 11,668,760 |
| 43   | NEW MEXICO              | 11,438,906 |
| 44   | UTAH                    | 11,396,208 |
| 45   | MICHIGAN STATE          | 11,108,339 |
| 46   | MCGILL                  | 10,827,323 |
| 47   | GEORGETOWN              | 10,738,442 |
| 48   | PURDUE                  | 10,517,701 |
| 49   | NORTH CAROLINA STATE    | 10,210,102 |
| 50   | SUNY-BUFFALO            | 10,183,074 |
| 51   | CALIFORNIA, DAVIS       | 10,176,233 |
| 52   | NOTRE DAME              | 10,149,624 |
| 53   | MANITOBA                | 10,028,988 |
| 54   | YORK                    | 9,963,163  |
| 55   | VANDERBILT              | 9,917,649  |
| 56   | WASHINGTON U.-ST. LOUIS | 9,804,498  |
| 57   | KANSAS                  | 9,676,265  |

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 58   | GEORGE WASHINGTON         | 9,643,781 |
| 59   | CINCINNATI                | 9,541,925 |
| 60   | GEORGIA                   | 9,449,010 |
| 61   | TENNESSEE                 | 9,430,004 |
| 62   | CALIFORNIA, IRVINE        | 9,332,752 |
| 63   | HAWAII                    | 9,239,191 |
| 64   | WAYNE STATE               | 9,232,838 |
| 65   | MIAMI                     | 9,135,161 |
| 66   | SYRACUSE                  | 8,949,715 |
| 67   | BROWN                     | 8,945,926 |
| 68   | LAVAL                     | 8,624,425 |
| 69   | BOSTON                    | 8,620,768 |
| 70   | CALIFORNIA, SANTA BARBARA | 8,563,516 |
| 71   | DARTMOUTH                 | 8,563,474 |
| 72   | BOSTON COLLEGE            | 8,524,227 |
| 73   | ROCHESTER                 | 8,490,105 |
| 74   | TEXAS TECH                | 8,484,856 |
| 75   | KENTUCKY                  | 8,411,041 |
| 76   | COLORADO                  | 8,397,305 |
| 77   | SOUTH CAROLINA            | 7,864,445 |
| 78   | ILLINOIS, CHICAGO         | 7,863,536 |
| 79   | SASKATCHEWAN              | 7,701,125 |
| 80   | FLORIDA STATE             | 7,696,922 |
| 81   | OKLAHOMA STATE            | 7,639,228 |
| 82   | TEMPLE                    | 7,586,791 |
| 83   | WESTERN ONTARIO           | 7,492,409 |
| 84   | MASSACHUSETTS             | 7,455,253 |
| 85   | DELAWARE                  | 7,402,054 |
| 86   | OREGON                    | 7,189,284 |
| 87   | IOWA STATE                | 7,174,666 |
| 88   | NEBRASKA                  | 6,865,876 |
| 89   | CALIFORNIA, RIVERSIDE     | 6,850,811 |
| 90   | QUEENS                    | 6,738,519 |
| 91   | MCMASTER                  | 6,706,624 |
| 92   | WASHINGTON STATE          | 6,545,298 |
| 93   | ALABAMA                   | 6,512,270 |
| 94   | SOUTHERN ILLINOIS         | 6,488,648 |
| 95   | SUNY-ALBANY               | 6,398,142 |
| 96   | SUNY-STONY BROOK          | 6,375,100 |
| 97   | LOUISVILLE                | 6,329,696 |
| 98   | WATERLOO                  | 6,292,457 |
| 99   | OKLAHOMA                  | 6,270,397 |
| 100  | MISSOURI                  | 6,203,266 |
| 101  | GUELPH                    | 5,866,199 |
| 102  | OHIO                      | 5,828,562 |
| 103  | CASE WESTERN RESERVE      | 5,632,949 |
| 104  | HOWARD                    | 5,600,195 |
| 105  | HOUSTON                   | 5,536,871 |
| 106  | COLORADO STATE            | 5,501,537 |
| 107  | LOUISIANA STATE           | 5,496,968 |
| 108  | RICE                      | 5,240,338 |
| 109  | VIRGINIA TECH             | 5,150,634 |
| 110  | GEORGIA TECH              | 5,064,617 |
| 111  | TULANE                    | 4,951,911 |
| 112  | KENT STATE                | 4,669,161 |
| 113  | AUBURN                    | 4,535,114 |

**RANK ORDER TABLE 8: OTHER OPERATING EXPENDITURES**

| RANK | INSTITUTION               | VALUE      |
|------|---------------------------|------------|
| 1    | HARVARD                   | 19,111,716 |
| 2    | YALE                      | 9,850,702  |
| 3    | SOUTHERN CALIFORNIA       | 9,581,611  |
| 4    | CALIFORNIA, LOS ANGELES   | 9,537,404  |
| 5    | NORTH CAROLINA STATE      | 7,769,555  |
| 6    | WISCONSIN                 | 7,520,477  |
| 7    | PENNSYLVANIA STATE        | 7,197,319  |
| 8    | COLUMBIA                  | 7,119,198  |
| 9    | CORNELL                   | 6,705,371  |
| 10   | WASHINGTON U.-ST. LOUIS   | 6,494,777  |
| 11   | TEXAS                     | 6,135,379  |
| 12   | MINNESOTA                 | 6,102,465  |
| 13   | NEW YORK                  | 5,961,383  |
| 14   | ILLINOIS, URBANA          | 5,836,352  |
| 15   | TORONTO                   | 5,670,468  |
| 16   | ARIZONA                   | 5,599,618  |
| 17   | UTAH                      | 5,569,790  |
| 18   | SOUTH CAROLINA            | 5,499,703  |
| 19   | TEXAS A&M                 | 5,281,464  |
| 20   | VIRGINIA                  | 5,229,109  |
| 21   | CALIFORNIA, BERKELEY      | 5,179,950  |
| 22   | INDIANA                   | 5,027,969  |
| 23   | MICHIGAN                  | 4,811,432  |
| 24   | PRINCETON                 | 4,791,320  |
| 25   | MCGILL                    | 4,614,383  |
| 26   | PENNSYLVANIA              | 4,607,443  |
| 27   | JOHNS HOPKINS             | 4,537,021  |
| 28   | CALIFORNIA, SAN DIEGO     | 4,497,608  |
| 29   | WASHINGTON                | 4,418,662  |
| 30   | OHIO STATE                | 4,335,933  |
| 31   | CALIFORNIA, SANTA BARBARA | 4,292,569  |
| 32   | EMORY                     | 4,194,616  |
| 33   | PURDUE                    | 4,183,789  |
| 34   | NEW MEXICO                | 4,057,045  |
| 35   | TEXAS TECH                | 3,820,965  |
| 36   | LOUISVILLE                | 3,784,694  |
| 37   | BRIGHAM YOUNG             | 3,552,241  |
| 38   | VANDERBILT                | 3,478,211  |
| 39   | ALBERTA                   | 3,427,140  |
| 40   | DUKE                      | 3,421,450  |
| 41   | GEORGE WASHINGTON         | 3,252,094  |
| 42   | FLORIDA                   | 3,247,284  |
| 43   | PITTSBURGH                | 3,244,787  |
| 44   | NORTH CAROLINA            | 3,238,368  |
| 45   | CHICAGO                   | 3,226,251  |
| 46   | HOUSTON                   | 3,181,042  |
| 47   | ARIZONA STATE             | 3,178,274  |
| 48   | BRITISH COLUMBIA          | 3,140,977  |
| 49   | MIT                       | 3,088,620  |
| 50   | ROCHESTER                 | 3,043,748  |
| 51   | MIAMI                     | 2,860,631  |
| 52   | ILLINOIS, CHICAGO         | 2,830,939  |
| 53   | AUBURN                    | 2,775,405  |
| 54   | KANSAS                    | 2,753,665  |
| 55   | CINCINNATI                | 2,749,762  |
| 56   | KENT STATE                | 2,708,240  |
| 57   | GEORGETOWN                | 2,620,243  |

| RANK | INSTITUTION           | VALUE     |
|------|-----------------------|-----------|
| 58   | MICHIGAN STATE        | 2,581,342 |
| 59   | NOTRE DAME            | 2,516,935 |
| 60   | CALIFORNIA, IRVINE    | 2,411,338 |
| 61   | NORTHWESTERN          | 2,365,352 |
| 62   | COLORADO STATE        | 2,330,509 |
| 63   | TEMPLE                | 2,316,996 |
| 64   | KENTUCKY              | 2,305,144 |
| 65   | GEORGIA               | 2,181,697 |
| 66   | BOSTON                | 2,028,288 |
| 67   | MARYLAND              | 2,018,440 |
| 68   | RUTGERS               | 2,001,428 |
| 69   | MISSOURI              | 1,982,492 |
| 70   | WAYNE STATE           | 1,967,062 |
| 71   | ALABAMA               | 1,884,462 |
| 72   | BROWN                 | 1,884,393 |
| 73   | CALIFORNIA, DAVIS     | 1,875,816 |
| 74   | IOWA STATE            | 1,836,286 |
| 75   | MASSACHUSETTS         | 1,827,686 |
| 76   | CALIFORNIA, RIVERSIDE | 1,812,193 |
| 77   | CONNECTICUT           | 1,811,233 |
| 78   | OKLAHOMA STATE        | 1,757,571 |
| 79   | IOWA                  | 1,744,401 |
| 80   | YORK                  | 1,678,855 |
| 81   | MONTREAL              | 1,620,121 |
| 82   | WASHINGTON STATE      | 1,606,793 |
| 83   | DELAWARE              | 1,585,272 |
| 84   | QUEENS                | 1,559,479 |
| 85   | MANITOBA              | 1,548,749 |
| 86   | SUNY-BUFFALO          | 1,532,638 |
| 87   | OREGON                | 1,526,216 |
| 88   | WATERLOO              | 1,477,403 |
| 89   | COLORADO              | 1,434,326 |
| 90   | OKLAHOMA              | 1,428,066 |
| 91   | MCMASTER              | 1,423,133 |
| 92   | SYRACUSE              | 1,381,942 |
| 93   | NEBRASKA              | 1,372,273 |
| 94   | LOUISIANA STATE       | 1,357,701 |
| 95   | CASE WESTERN RESERVE  | 1,327,370 |
| 96   | HAWAII                | 1,316,262 |
| 97   | DARTMOUTH             | 1,287,032 |
| 98   | RICE                  | 1,264,492 |
| 99   | TENNESSEE             | 1,169,946 |
| 100  | OHIO                  | 1,141,651 |
| 101  | BOSTON COLLEGE        | 1,069,860 |
| 102  | GEORGIA TECH          | 1,007,096 |
| 103  | TULANE                | 932,599   |
| 104  | VIRGINIA TECH         | 931,026   |
| 105  | GUELPH                | 914,826   |
| 106  | WESTERN ONTARIO       | 895,233   |
| 107  | SOUTHERN ILLINOIS     | 831,320   |
| 108  | SASKATCHEWAN          | 788,499   |
| 109  | HOWARD                | 696,490   |
| 110  | SUNY-STONY BROOK      | 634,237   |
| 111  | FLORIDA STATE         | 621,157   |
| 112  | LAVAL                 | 466,958   |
| 113  | SUNY-ALBANY           | 418,115   |

# RANK ORDER TABLE 9: TOTAL LIBRARY EXPENDITURES

| RANK | INSTITUTION             | VALUE       |
|------|-------------------------|-------------|
| 1    | HARVARD                 | 110,849,458 |
| 2    | YALE                    | 77,403,912  |
| 3    | TORONTO                 | 60,344,407  |
| 4    | COLUMBIA                | 60,071,960  |
| 5    | CALIFORNIA, BERKELEY    | 53,231,754  |
| 6    | CALIFORNIA, LOS ANGELES | 51,792,128  |
| 7    | MICHIGAN                | 50,591,407  |
| 8    | PENNSYLVANIA STATE      | 50,251,356  |
| 9    | TEXAS                   | 45,044,095  |
| 10   | CORNELL                 | 43,832,341  |
| 11   | NEW YORK                | 42,669,230  |
| 12   | ILLINOIS, URBANA        | 41,919,073  |
| 13   | PRINCETON               | 41,813,758  |
| 14   | WASHINGTON              | 41,583,736  |
| 15   | WISCONSIN               | 41,536,552  |
| 16   | MINNESOTA               | 39,927,096  |
| 17   | DUKE                    | 35,769,252  |
| 18   | ALBERTA                 | 35,476,594  |
| 19   | NORTH CAROLINA          | 35,425,976  |
| 20   | PENNSYLVANIA            | 35,258,073  |
| 21   | SOUTHERN CALIFORNIA     | 34,881,430  |
| 22   | VIRGINIA                | 34,444,481  |
| 23   | EMORY                   | 33,741,980  |
| 24   | INDIANA                 | 33,641,171  |
| 25   | BRITISH COLUMBIA        | 32,863,086  |
| 26   | TEXAS A&M               | 32,596,645  |
| 27   | OHIO STATE              | 32,480,575  |
| 28   | CHICAGO                 | 31,966,296  |
| 29   | JOHNS HOPKINS           | 31,807,561  |
| 30   | ARIZONA                 | 30,769,327  |
| 31   | RUTGERS                 | 30,653,693  |
| 32   | PITTSBURGH              | 29,890,593  |
| 33   | FLORIDA                 | 28,841,337  |
| 34   | CALIFORNIA, SAN DIEGO   | 28,240,980  |
| 35   | MONTREAL                | 28,153,803  |
| 36   | MCGILL                  | 27,836,855  |
| 37   | ARIZONA STATE           | 27,730,343  |
| 38   | NORTHWESTERN            | 27,457,411  |
| 39   | WASHINGTON U.-ST. LOUIS | 27,424,013  |
| 40   | NORTH CAROLINA STATE    | 27,262,569  |
| 41   | IOWA                    | 26,647,407  |
| 42   | MIAMI                   | 25,941,411  |
| 43   | BRIGHAM YOUNG           | 25,159,442  |
| 44   | CONNECTICUT             | 25,071,952  |
| 45   | PURDUE                  | 24,904,422  |
| 46   | VANDERBILT              | 24,673,090  |
| 47   | UTAH                    | 24,641,932  |
| 48   | MICHIGAN STATE          | 24,458,354  |
| 49   | GEORGETOWN              | 24,299,359  |
| 50   | MARYLAND                | 24,069,990  |
| 51   | GEORGIA                 | 23,703,488  |
| 52   | MIT                     | 23,421,666  |
| 53   | NOTRE DAME              | 23,257,537  |
| 54   | GEORGE WASHINGTON       | 23,153,326  |
| 55   | TENNESSEE               | 22,810,227  |
| 56   | NEW MEXICO              | 22,653,088  |
| 57   | TEXAS TECH              | 22,635,446  |

| RANK | INSTITUTION               | VALUE      |
|------|---------------------------|------------|
| 58   | SASKATCHEWAN              | 22,127,910 |
| 59   | CINNINNATI                | 22,045,924 |
| 60   | TEMPLE                    | 21,280,634 |
| 61   | KANSAS                    | 21,156,733 |
| 62   | CALIFORNIA, DAVIS         | 21,002,377 |
| 63   | SOUTH CAROLINA            | 20,943,404 |
| 64   | KENTUCKY                  | 20,920,715 |
| 65   | OKLAHOMA                  | 20,844,144 |
| 66   | YORK                      | 20,559,023 |
| 67   | CALIFORNIA, IRVINE        | 20,426,194 |
| 68   | SUNY-BUFFALO              | 20,054,901 |
| 69   | WAYNE STATE               | 19,599,699 |
| 70   | COLORADO                  | 19,555,663 |
| 71   | ILLINOIS, CHICAGO         | 19,257,215 |
| 72   | BROWN                     | 19,231,881 |
| 73   | BOSTON                    | 18,916,916 |
| 74   | MANITOBA                  | 18,892,732 |
| 75   | ROCHESTER                 | 18,820,047 |
| 76   | WESTERN ONTARIO           | 18,773,453 |
| 77   | HAWAII                    | 18,534,243 |
| 78   | IOWA STATE                | 18,395,012 |
| 79   | CALIFORNIA, SANTA BARBARA | 18,394,762 |
| 80   | LAVAL                     | 18,371,110 |
| 81   | DARTMOUTH                 | 18,340,292 |
| 82   | BOSTON COLLEGE            | 18,217,616 |
| 83   | DELAWARE                  | 17,442,850 |
| 84   | HOUSTON                   | 17,117,492 |
| 85   | QUEENS                    | 16,884,844 |
| 86   | SYRACUSE                  | 16,849,931 |
| 87   | MISSOURI                  | 16,698,370 |
| 88   | LOUISVILLE                | 16,560,259 |
| 89   | RICE                      | 16,450,416 |
| 90   | OKLAHOMA STATE            | 16,147,363 |
| 91   | ALABAMA                   | 15,501,146 |
| 92   | MCMASTER                  | 15,213,067 |
| 93   | MASSACHUSETTS             | 15,197,898 |
| 94   | FLORIDA STATE             | 15,197,764 |
| 95   | CALIFORNIA, RIVERSIDE     | 15,079,576 |
| 96   | OREGON                    | 14,988,631 |
| 97   | WASHINGTON STATE          | 14,663,826 |
| 98   | NEBRASKA                  | 14,632,237 |
| 99   | SOUTHERN ILLINOIS         | 14,564,091 |
| 100  | LOUISIANA STATE           | 14,526,765 |
| 101  | COLORADO STATE            | 14,165,408 |
| 102  | TULANE                    | 13,974,872 |
| 103  | WATERLOO                  | 13,750,166 |
| 104  | VIRGINIA TECH             | 13,715,756 |
| 105  | SUNY-STONY BROOK          | 13,702,275 |
| 106  | CASE WESTERN RESERVE      | 13,382,448 |
| 107  | AUBURN                    | 12,904,149 |
| 108  | OHIO                      | 12,349,302 |
| 109  | GUELPH                    | 12,217,636 |
| 110  | GEORGIA TECH              | 12,032,660 |
| 111  | SUNY-ALBANY               | 12,010,828 |
| 112  | KENT STATE                | 11,308,206 |
| 113  | HOWARD                    | 9,916,198  |



**RANK ORDER TABLE 10: MONOGRAPHS PURCHASED (VOLUMES)**

| RANK | INSTITUTION             | VALUE   |
|------|-------------------------|---------|
| 1    | DELAWARE                | 374,508 |
| 2    | WATERLOO                | 180,470 |
| 3    | YALE                    | 180,163 |
| 4    | GEORGIA                 | 161,183 |
| 5    | BRIGHAM YOUNG           | 138,172 |
| 6    | CASE WESTERN RESERVE    | 136,128 |
| 7    | CHICAGO                 | 135,798 |
| 8    | MICHIGAN                | 134,362 |
| 9    | TORONTO                 | 134,006 |
| 10   | COLUMBIA                | 107,984 |
| 11   | TEXAS A&M               | 107,691 |
| 12   | VIRGINIA                | 101,201 |
| 13   | PRINCETON               | 95,534  |
| 14   | PENNSYLVANIA STATE      | 94,929  |
| 15   | WESTERN ONTARIO         | 92,700  |
| 16   | MCGILL                  | 78,339  |
| 17   | KANSAS                  | 75,980  |
| 18   | NEW YORK                | 73,089  |
| 19   | ILLINOIS, URBANA        | 70,124  |
| 20   | NORTH CAROLINA          | 69,102  |
| 21   | OHIO STATE              | 68,746  |
| 22   | LOUISIANA STATE         | 67,754  |
| 23   | DUKE                    | 66,344  |
| 24   | HOUSTON                 | 65,962  |
| 25   | WASHINGTON              | 62,616  |
| 26   | TEMPLE                  | 62,027  |
| 27   | ARIZONA STATE           | 61,036  |
| 28   | INDIANA                 | 59,972  |
| 29   | TEXAS                   | 59,852  |
| 30   | KENTUCKY                | 59,041  |
| 31   | WISCONSIN               | 57,383  |
| 32   | CALIFORNIA, LOS ANGELES | 57,260  |
| 33   | BROWN                   | 51,967  |
| 34   | MONTREAL                | 51,742  |
| 35   | FLORIDA                 | 51,053  |
| 36   | CALIFORNIA, RIVERSIDE   | 47,706  |
| 37   | RUTGERS                 | 47,436  |
| 38   | EMORY                   | 47,005  |
| 39   | IOWA                    | 46,293  |
| 40   | SOUTHERN CALIFORNIA     | 45,731  |
| 41   | MARYLAND                | 45,368  |
| 42   | NOTRE DAME              | 45,192  |
| 43   | FLORIDA STATE           | 44,117  |
| 44   | MINNESOTA               | 43,049  |
| 45   | NORTHWESTERN            | 42,066  |
| 46   | CALIFORNIA, SAN DIEGO   | 41,290  |
| 47   | CINCINNATI              | 40,340  |
| 48   | MISSOURI                | 39,239  |
| 49   | TULANE                  | 38,966  |
| 50   | MIAMI                   | 38,779  |
| 51   | ARIZONA                 | 38,670  |
| 52   | TEXAS TECH              | 37,790  |
| 53   | MANITOBA                | 37,773  |
| 54   | SUNY-BUFFALO            | 37,565  |
| 55   | LAVAL                   | 37,034  |
| 56   | TENNESSEE               | 35,889  |
| 57   | RICE                    | 35,828  |

| RANK | INSTITUTION               | VALUE  |
|------|---------------------------|--------|
| 58   | GEORGETOWN                | 35,260 |
| 59   | OHIO                      | 34,121 |
| 60   | CALIFORNIA, IRVINE        | 33,907 |
| 61   | MICHIGAN STATE            | 32,847 |
| 62   | VANDERBILT                | 32,671 |
| 63   | COLORADO STATE            | 32,245 |
| 64   | COLORADO                  | 31,903 |
| 65   | OKLAHOMA                  | 31,528 |
| 66   | BOSTON COLLEGE            | 31,328 |
| 67   | JOHNS HOPKINS             | 30,661 |
| 68   | DARTMOUTH                 | 29,934 |
| 69   | YORK                      | 29,813 |
| 70   | ILLINOIS, CHICAGO         | 28,776 |
| 71   | HAWAII                    | 28,685 |
| 72   | IOWA STATE                | 28,620 |
| 73   | GEORGE WASHINGTON         | 27,928 |
| 74   | OKLAHOMA STATE            | 27,469 |
| 75   | NORTH CAROLINA STATE      | 26,560 |
| 76   | VIRGINIA TECH             | 26,410 |
| 77   | QUEENS                    | 26,355 |
| 78   | WASHINGTON U.-ST. LOUIS   | 26,144 |
| 79   | CALIFORNIA, SANTA BARBARA | 24,639 |
| 80   | NEW MEXICO                | 24,136 |
| 81   | ALABAMA                   | 22,903 |
| 82   | MIT                       | 22,899 |
| 83   | SASKATCHEWAN              | 22,471 |
| 84   | ROCHESTER                 | 22,172 |
| 85   | CONNECTICUT               | 21,740 |
| 86   | OREGON                    | 21,613 |
| 87   | SOUTH CAROLINA            | 21,300 |
| 88   | SYRACUSE                  | 17,998 |
| 89   | WASHINGTON STATE          | 17,719 |
| 90   | SUNY-ALBANY               | 17,475 |
| 91   | PURDUE                    | 16,809 |
| 92   | AUBURN                    | 16,548 |
| 93   | WAYNE STATE               | 16,271 |
| 94   | MASSACHUSETTS             | 16,226 |
| 95   | NEBRASKA                  | 15,233 |
| 96   | BOSTON                    | 14,514 |
| 97   | KENT STATE                | 12,338 |
| 98   | SOUTHERN ILLINOIS         | 11,717 |
| 99   | LOUISVILLE                | 10,562 |
| 100  | SUNY-STONY BROOK          | 10,298 |
| 101  | GEORGIA TECH              | 7,460  |
| 102  | HOWARD                    | 2,985  |
|      | ALBERTA                   | UA/NA  |
|      | BRITISH COLUMBIA          | UA/NA  |
|      | CALIFORNIA, BERKELEY      | UA/NA  |
|      | CALIFORNIA, DAVIS         | UA/NA  |
|      | CORNELL                   | UA/NA  |
|      | GUELPH                    | UA/NA  |
|      | HARVARD                   | UA/NA  |
|      | MCMASTER                  | UA/NA  |
|      | PENNSYLVANIA              | UA/NA  |
|      | PITTSBURGH                | UA/NA  |
|      | UTAH                      | UA/NA  |

**RANK ORDER TABLE 11: EXPENDITURES FOR MONOGRAPHS**

| RANK | INSTITUTION             | VALUE      |
|------|-------------------------|------------|
| 1    | YALE                    | 11,120,178 |
| 2    | HARVARD                 | 10,599,472 |
| 3    | CALIFORNIA, BERKELEY    | 8,272,940  |
| 4    | TORONTO                 | 7,745,267  |
| 5    | ALBERTA                 | 6,683,100  |
| 6    | PRINCETON               | 6,599,603  |
| 7    | CORNELL                 | 6,336,853  |
| 8    | COLUMBIA                | 6,201,339  |
| 9    | CALIFORNIA, LOS ANGELES | 6,102,631  |
| 10   | TEXAS                   | 5,909,468  |
| 11   | DUKE                    | 5,810,298  |
| 12   | MICHIGAN                | 5,790,683  |
| 13   | CHICAGO                 | 5,739,091  |
| 14   | EMORY                   | 5,467,802  |
| 15   | TEXAS A&M               | 4,988,224  |
| 16   | INDIANA                 | 4,882,911  |
| 17   | PENNSYLVANIA STATE      | 4,712,899  |
| 18   | NEW YORK                | 4,537,534  |
| 19   | WASHINGTON              | 4,454,883  |
| 20   | NOTRE DAME              | 4,219,144  |
| 21   | MCGILL                  | 4,104,301  |
| 22   | NORTHWESTERN            | 3,819,450  |
| 23   | PENNSYLVANIA            | 3,469,083  |
| 24   | RICE                    | 3,424,015  |
| 25   | MINNESOTA               | 3,410,483  |
| 26   | BRITISH COLUMBIA        | 3,223,971  |
| 27   | OKLAHOMA                | 3,186,570  |
| 28   | GEORGE WASHINGTON       | 3,167,254  |
| 29   | NORTH CAROLINA          | 3,034,202  |
| 30   | PITTSBURGH              | 3,014,747  |
| 31   | ARIZONA STATE           | 2,858,892  |
| 32   | MIAMI                   | 2,819,446  |
| 33   | OHIO STATE              | 2,800,330  |
| 34   | SOUTHERN CALIFORNIA     | 2,787,836  |
| 35   | SASKATCHEWAN            | 2,754,796  |
| 36   | CALIFORNIA, DAVIS       | 2,694,586  |
| 37   | JOHNS HOPKINS           | 2,578,475  |
| 38   | ARIZONA                 | 2,573,806  |
| 39   | CINCINNATI              | 2,540,500  |
| 40   | IOWA                    | 2,523,428  |
| 41   | ILLINOIS, URBANA        | 2,509,280  |
| 42   | GEORGETOWN              | 2,458,166  |
| 43   | TEMPLE                  | 2,455,687  |
| 44   | LAVAL                   | 2,382,243  |
| 45   | WISCONSIN               | 2,348,078  |
| 46   | MICHIGAN STATE          | 2,281,288  |
| 47   | CALIFORNIA, IRVINE      | 2,257,999  |
| 48   | DELAWARE                | 2,216,377  |
| 49   | CALIFORNIA, SAN DIEGO   | 2,216,216  |
| 50   | BRIGHAM YOUNG           | 2,205,611  |
| 51   | GEORGIA                 | 2,134,727  |
| 52   | LOUISIANA STATE         | 2,133,886  |
| 53   | TENNESSEE               | 2,118,762  |
| 54   | VIRGINIA                | 2,097,078  |
| 55   | MONTREAL                | 2,095,490  |
| 56   | KANSAS                  | 2,059,371  |
| 57   | WESTERN ONTARIO         | 1,996,420  |

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 58   | FLORIDA                   | 1,986,941 |
| 59   | TEXAS TECH                | 1,974,817 |
| 60   | COLORADO                  | 1,915,082 |
| 61   | YORK                      | 1,882,723 |
| 62   | DARTMOUTH                 | 1,880,356 |
| 63   | PURDUE                    | 1,822,280 |
| 64   | MANITOBA                  | 1,801,185 |
| 65   | VANDERBILT                | 1,794,514 |
| 66   | UTAH                      | 1,768,644 |
| 67   | HOUSTON                   | 1,712,677 |
| 68   | IOWA STATE                | 1,701,393 |
| 69   | VIRGINIA TECH             | 1,597,511 |
| 70   | HAWAII                    | 1,562,869 |
| 71   | BOSTON COLLEGE            | 1,541,777 |
| 72   | BROWN                     | 1,535,685 |
| 73   | CALIFORNIA, RIVERSIDE     | 1,520,557 |
| 74   | CALIFORNIA, SANTA BARBARA | 1,518,430 |
| 75   | MIT                       | 1,481,473 |
| 76   | QUEENS                    | 1,476,784 |
| 77   | MARYLAND                  | 1,472,832 |
| 78   | NORTH CAROLINA STATE      | 1,466,172 |
| 79   | KENTUCKY                  | 1,463,138 |
| 80   | TULANE                    | 1,457,940 |
| 81   | RUTGERS                   | 1,448,843 |
| 82   | ILLINOIS, CHICAGO         | 1,430,650 |
| 83   | COLORADO STATE            | 1,380,545 |
| 84   | OREGON                    | 1,367,861 |
| 85   | GUELPH                    | 1,287,233 |
| 86   | MISSOURI                  | 1,258,392 |
| 87   | SOUTH CAROLINA            | 1,258,268 |
| 88   | WASHINGTON U.-ST. LOUIS   | 1,245,570 |
| 89   | ALABAMA                   | 1,215,438 |
| 90   | OHIO                      | 1,196,904 |
| 91   | WAYNE STATE               | 1,138,986 |
| 92   | NEW MEXICO                | 1,134,913 |
| 93   | ROCHESTER                 | 1,128,862 |
| 94   | SYRACUSE                  | 1,089,789 |
| 95   | FLORIDA STATE             | 1,079,302 |
| 96   | WASHINGTON STATE          | 1,060,469 |
| 97   | MASSACHUSETTS             | 1,026,781 |
| 98   | WATERLOO                  | 1,009,391 |
| 99   | SUNY-BUFFALO              | 1,000,850 |
| 100  | CONNECTICUT               | 990,011   |
| 101  | MCMASTER                  | 854,793   |
| 102  | NEBRASKA                  | 825,135   |
| 103  | SUNY-ALBANY               | 819,096   |
| 104  | GEORGIA TECH              | 784,565   |
| 105  | BOSTON                    | 768,884   |
| 106  | CASE WESTERN RESERVE      | 759,691   |
| 107  | AUBURN                    | 759,395   |
| 108  | LOUISVILLE                | 739,989   |
| 109  | SOUTHERN ILLINOIS         | 721,286   |
| 110  | KENT STATE                | 668,315   |
| 111  | SUNY-STONY BROOK          | 655,405   |
| 112  | HOWARD                    | 211,419   |
|      | OKLAHOMA STATE            | UA/NA     |



**RANK ORDER TABLE 12: CURRENT SERIALS PURCHASED (TITLES)**

| RANK | INSTITUTION             | VALUE  |
|------|-------------------------|--------|
| 1    | ILLINOIS, URBANA        | 98,511 |
| 2    | COLUMBIA                | 86,802 |
| 3    | YALE                    | 85,090 |
| 4    | CALIFORNIA, BERKELEY    | 81,551 |
| 5    | LOUISIANA STATE         | 72,876 |
| 6    | ARIZONA                 | 72,710 |
| 7    | BRITISH COLUMBIA        | 67,827 |
| 8    | CINCINNATI              | 67,409 |
| 9    | SOUTHERN CALIFORNIA     | 66,328 |
| 10   | ARIZONA STATE           | 65,586 |
| 11   | OHIO STATE              | 59,839 |
| 12   | SUNY-BUFFALO            | 59,457 |
| 13   | GEORGE WASHINGTON       | 58,795 |
| 14   | MIAMI                   | 58,494 |
| 15   | TEXAS TECH              | 58,320 |
| 16   | FLORIDA                 | 56,302 |
| 17   | PENNSYLVANIA STATE      | 56,007 |
| 18   | JOHNS HOPKINS           | 54,944 |
| 19   | RICE                    | 53,811 |
| 20   | MICHIGAN STATE          | 53,094 |
| 21   | NOTRE DAME              | 52,715 |
| 22   | WESTERN ONTARIO         | 52,565 |
| 23   | MARYLAND                | 52,268 |
| 24   | INDIANA                 | 51,326 |
| 25   | GEORGIA                 | 50,849 |
| 26   | WISCONSIN               | 50,398 |
| 27   | MINNESOTA               | 50,238 |
| 28   | FLORIDA STATE           | 49,903 |
| 29   | CASE WESTERN RESERVE    | 48,726 |
| 30   | GEORGETOWN              | 48,460 |
| 31   | DUKE                    | 46,965 |
| 32   | OREGON                  | 46,903 |
| 33   | DARTMOUTH               | 46,380 |
| 34   | BRIGHAM YOUNG           | 45,796 |
| 35   | MONTREAL                | 45,657 |
| 36   | OKLAHOMA                | 45,523 |
| 37   | VIRGINIA                | 44,652 |
| 38   | MISSOURI                | 43,490 |
| 39   | PITTSBURGH              | 43,243 |
| 40   | BOSTON                  | 42,924 |
| 41   | MCGILL                  | 42,493 |
| 42   | IOWA STATE              | 41,833 |
| 43   | TEMPLE                  | 41,687 |
| 44   | IOWA                    | 41,388 |
| 45   | NEW YORK                | 40,981 |
| 46   | RUTGERS                 | 40,777 |
| 47   | PRINCETON               | 40,385 |
| 48   | TORONTO                 | 39,847 |
| 49   | HOUSTON                 | 39,382 |
| 50   | LOUISVILLE              | 39,268 |
| 51   | EMORY                   | 39,113 |
| 52   | WASHINGTON U.-ST. LOUIS | 38,994 |
| 53   | HAWAII                  | 38,993 |
| 54   | BROWN                   | 36,678 |
| 55   | ALABAMA                 | 36,110 |
| 56   | CHICAGO                 | 34,453 |
| 57   | TEXAS A&M               | 34,409 |

| RANK | INSTITUTION               | VALUE  |
|------|---------------------------|--------|
| 58   | KANSAS                    | 34,138 |
| 59   | SUNY-STONY BROOK          | 33,847 |
| 60   | YORK                      | 33,514 |
| 61   | CALIFORNIA, DAVIS         | 33,390 |
| 62   | TEXAS                     | 33,354 |
| 63   | COLORADO                  | 33,342 |
| 64   | TULANE                    | 33,307 |
| 65   | QUEENS                    | 33,113 |
| 66   | VANDERBILT                | 32,912 |
| 67   | CALIFORNIA, RIVERSIDE     | 32,557 |
| 68   | ILLINOIS, CHICAGO         | 31,841 |
| 69   | NEBRASKA                  | 31,767 |
| 70   | ALBERTA                   | 31,541 |
| 71   | CALIFORNIA, IRVINE        | 31,395 |
| 72   | SOUTHERN ILLINOIS         | 30,924 |
| 73   | MCMASTER                  | 30,870 |
| 74   | NORTH CAROLINA            | 30,842 |
| 75   | PURDUE                    | 30,634 |
| 76   | VIRGINIA TECH             | 30,576 |
| 77   | WAYNE STATE               | 29,246 |
| 78   | KENTUCKY                  | 28,116 |
| 79   | SUNY-ALBANY               | 27,988 |
| 80   | TENNESSEE                 | 27,923 |
| 81   | NEW MEXICO                | 26,834 |
| 82   | CALIFORNIA, SAN DIEGO     | 26,582 |
| 83   | SASKATCHEWAN              | 26,420 |
| 84   | OHIO                      | 25,702 |
| 85   | CONNECTICUT               | 24,477 |
| 86   | LAVAL                     | 24,293 |
| 87   | CALIFORNIA, SANTA BARBARA | 24,198 |
| 88   | BOSTON COLLEGE            | 23,671 |
| 89   | NORTH CAROLINA STATE      | 20,827 |
| 90   | WATERLOO                  | 20,738 |
| 91   | COLORADO STATE            | 20,366 |
| 92   | SYRACUSE                  | 20,232 |
| 93   | MANITOBA                  | 19,939 |
| 94   | DELAWARE                  | 16,918 |
| 95   | AUBURN                    | 15,308 |
| 96   | HOWARD                    | 13,442 |
| 97   | GEORGIA TECH              | 12,755 |
| 98   | MIT                       | 11,791 |
| 99   | KENT STATE                | 11,592 |
| 100  | GUELPH                    | 11,287 |
| 101  | MASSACHUSETTS             | 9,757  |
|      | CALIFORNIA, LOS ANGELES   | UA/NA  |
|      | CORNELL                   | UA/NA  |
|      | HARVARD                   | UA/NA  |
|      | MICHIGAN                  | UA/NA  |
|      | NORTHWESTERN              | UA/NA  |
|      | OKLAHOMA STATE            | UA/NA  |
|      | PENNSYLVANIA              | UA/NA  |
|      | ROCHESTER                 | UA/NA  |
|      | SOUTH CAROLINA            | UA/NA  |
|      | UTAH                      | UA/NA  |
|      | WASHINGTON                | UA/NA  |
|      | WASHINGTON STATE          | UA/NA  |

**RANK ORDER TABLE 13: EXPENDITURES FOR CURRENT SERIALS**

| RANK | INSTITUTION             | VALUE      |
|------|-------------------------|------------|
| 1    | COLUMBIA                | 13,564,480 |
| 2    | MICHIGAN                | 13,093,936 |
| 3    | PENNSYLVANIA STATE      | 12,289,760 |
| 4    | WASHINGTON              | 11,353,616 |
| 5    | ILLINOIS, URBANA        | 10,855,166 |
| 6    | NEW YORK                | 10,796,144 |
| 7    | TORONTO                 | 10,693,042 |
| 8    | BRITISH COLUMBIA        | 10,652,628 |
| 9    | SASKATCHEWAN            | 10,634,265 |
| 10   | MINNESOTA               | 10,598,368 |
| 11   | PENNSYLVANIA            | 10,583,510 |
| 12   | CHICAGO                 | 10,390,999 |
| 13   | TEXAS A&M               | 10,122,787 |
| 14   | CALIFORNIA, BERKELEY    | 10,103,565 |
| 15   | MIAMI                   | 10,043,269 |
| 16   | JOHNS HOPKINS           | 9,982,134  |
| 17   | DUKE                    | 9,745,194  |
| 18   | PITTSBURGH              | 9,475,124  |
| 19   | PRINCETON               | 9,298,538  |
| 20   | IOWA                    | 9,257,589  |
| 21   | TENNESSEE               | 9,122,294  |
| 22   | VANDERBILT              | 9,117,340  |
| 23   | HARVARD                 | 9,075,380  |
| 24   | ALBERTA                 | 8,906,549  |
| 25   | NORTH CAROLINA          | 8,887,542  |
| 26   | FLORIDA                 | 8,809,701  |
| 27   | ARIZONA                 | 8,802,183  |
| 28   | TEXAS                   | 8,663,789  |
| 29   | WASHINGTON U.-ST. LOUIS | 8,505,527  |
| 30   | CALIFORNIA, LOS ANGELES | 8,364,756  |
| 31   | WESTERN ONTARIO         | 8,285,448  |
| 32   | MONTREAL                | 8,249,669  |
| 33   | ARIZONA STATE           | 8,049,824  |
| 34   | NORTHWESTERN            | 7,970,083  |
| 35   | GEORGIA                 | 7,875,514  |
| 36   | OHIO STATE              | 7,874,018  |
| 37   | CORNELL                 | 7,830,051  |
| 38   | OKLAHOMA                | 7,799,637  |
| 39   | MICHIGAN STATE          | 7,774,976  |
| 40   | MCGILL                  | 7,623,795  |
| 41   | INDIANA                 | 7,520,163  |
| 42   | TEXAS TECH              | 7,348,502  |
| 43   | VIRGINIA                | 7,277,605  |
| 44   | RUTGERS                 | 7,246,081  |
| 45   | BRIGHAM YOUNG           | 7,213,572  |
| 46   | GEORGETOWN              | 7,179,747  |
| 47   | BOSTON                  | 7,029,125  |
| 48   | IOWA STATE              | 6,976,459  |
| 49   | CONNECTICUT             | 6,937,606  |
| 50   | SUNY-BUFFALO            | 6,930,287  |
| 51   | PURDUE                  | 6,788,802  |
| 52   | MISSOURI                | 6,702,693  |
| 53   | YORK                    | 6,654,667  |
| 54   | LAVAL                   | 6,634,782  |
| 55   | COLORADO                | 6,604,569  |
| 56   | EMORY                   | 6,569,913  |
| 57   | WAYNE STATE             | 6,516,900  |

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 58   | YALE                      | 6,473,495 |
| 59   | QUEENS                    | 6,447,186 |
| 60   | DARTMOUTH                 | 6,421,756 |
| 61   | MIT                       | 6,407,523 |
| 62   | KENTUCKY                  | 6,401,319 |
| 63   | WISCONSIN                 | 6,360,140 |
| 64   | CINCINNATI                | 6,292,494 |
| 65   | NORTH CAROLINA STATE      | 6,246,215 |
| 66   | NOTRE DAME                | 6,186,694 |
| 67   | CALIFORNIA, SAN DIEGO     | 6,163,730 |
| 68   | CALIFORNIA, IRVINE        | 6,138,494 |
| 69   | HAWAII                    | 6,037,397 |
| 70   | SOUTHERN ILLINOIS         | 5,978,520 |
| 71   | SOUTHERN CALIFORNIA       | 5,960,394 |
| 72   | TULANE                    | 5,877,658 |
| 73   | HOUSTON                   | 5,842,031 |
| 74   | SOUTH CAROLINA            | 5,841,296 |
| 75   | MARYLAND                  | 5,828,111 |
| 76   | KANSAS                    | 5,816,294 |
| 77   | GEORGE WASHINGTON         | 5,750,402 |
| 78   | ROCHESTER                 | 5,619,179 |
| 79   | RICE                      | 5,618,451 |
| 80   | UTAH                      | 5,594,510 |
| 81   | VIRGINIA TECH             | 5,537,692 |
| 82   | ALABAMA                   | 5,501,516 |
| 83   | LOUISVILLE                | 5,401,569 |
| 84   | SUNY-STONY BROOK          | 5,399,616 |
| 85   | MCMASTER                  | 5,399,365 |
| 86   | BROWN                     | 5,392,181 |
| 87   | LOUISIANA STATE           | 5,364,761 |
| 88   | DELAWARE                  | 5,293,185 |
| 89   | WASHINGTON STATE          | 5,277,415 |
| 90   | FLORIDA STATE             | 5,240,984 |
| 91   | NEW MEXICO                | 5,197,173 |
| 92   | CASE WESTERN RESERVE      | 5,179,761 |
| 93   | TEMPLE                    | 5,077,877 |
| 94   | NEBRASKA                  | 5,069,291 |
| 95   | MANITOBA                  | 4,991,317 |
| 96   | BOSTON COLLEGE            | 4,875,969 |
| 97   | CALIFORNIA, DAVIS         | 4,849,663 |
| 98   | SYRACUSE                  | 4,834,979 |
| 99   | AUBURN                    | 4,689,237 |
| 100  | MASSACHUSETTS             | 4,629,601 |
| 101  | COLORADO STATE            | 4,376,765 |
| 102  | CALIFORNIA, RIVERSIDE     | 4,226,314 |
| 103  | SUNY-ALBANY               | 4,041,387 |
| 104  | WATERLOO                  | 3,967,937 |
| 105  | CALIFORNIA, SANTA BARBARA | 3,905,421 |
| 106  | OREGON                    | 3,825,694 |
| 107  | GEORGIA TECH              | 3,737,606 |
| 108  | OHIO                      | 3,709,367 |
| 109  | ILLINOIS, CHICAGO         | 3,634,804 |
| 110  | GUELPH                    | 3,354,670 |
| 111  | KENT STATE                | 3,205,844 |
| 112  | HOWARD                    | 3,123,358 |
|      | OKLAHOMA STATE            | UA/NA     |

**RANK ORDER TABLE 14: TOTAL ITEMS LOANED (ILL/DD)**

| RANK | INSTITUTION             | VALUE   |
|------|-------------------------|---------|
| 1    | MINNESOTA               | 173,771 |
| 2    | OHIO STATE              | 152,739 |
| 3    | ILLINOIS, URBANA        | 99,036  |
| 4    | WISCONSIN               | 85,338  |
| 5    | OHIO                    | 79,529  |
| 6    | WASHINGTON              | 75,124  |
| 7    | OREGON                  | 73,797  |
| 8    | PENNSYLVANIA            | 71,623  |
| 9    | COLORADO STATE          | 70,437  |
| 10   | ALBERTA                 | 67,631  |
| 11   | WATERLOO                | 64,683  |
| 12   | IOWA                    | 63,653  |
| 13   | PENNSYLVANIA STATE      | 63,285  |
| 14   | MICHIGAN                | 62,878  |
| 15   | PITTSBURGH              | 61,374  |
| 16   | CORNELL                 | 59,522  |
| 17   | SOUTHERN ILLINOIS       | 58,161  |
| 18   | CINCINNATI              | 56,645  |
| 19   | MISSOURI                | 56,511  |
| 20   | INDIANA                 | 56,327  |
| 21   | NORTH CAROLINA          | 54,913  |
| 22   | KANSAS                  | 54,848  |
| 23   | COLUMBIA                | 53,879  |
| 24   | MICHIGAN STATE          | 53,011  |
| 25   | ILLINOIS, CHICAGO       | 52,461  |
| 26   | CALIFORNIA, LOS ANGELES | 51,384  |
| 27   | ARIZONA                 | 51,244  |
| 28   | CHICAGO                 | 50,335  |
| 29   | ARIZONA STATE           | 49,386  |
| 30   | COLORADO                | 49,368  |
| 31   | TEXAS A&M               | 49,344  |
| 32   | GUELPH                  | 47,582  |
| 33   | WASHINGTON STATE        | 46,738  |
| 34   | TEXAS                   | 45,773  |
| 35   | NORTHWESTERN            | 45,699  |
| 36   | GEORGIA                 | 45,237  |
| 37   | CONNECTICUT             | 44,887  |
| 38   | YALE                    | 44,027  |
| 39   | FLORIDA                 | 43,860  |
| 40   | HARVARD                 | 43,298  |
| 41   | VIRGINIA                | 41,950  |
| 42   | MASSACHUSETTS           | 41,750  |
| 43   | MIAMI                   | 41,646  |
| 44   | RUTGERS                 | 41,311  |
| 45   | BROWN                   | 41,281  |
| 46   | WASHINGTON U.-ST. LOUIS | 41,083  |
| 47   | CALIFORNIA, BERKELEY    | 40,348  |
| 48   | PRINCETON               | 40,211  |
| 49   | OKLAHOMA                | 39,802  |
| 50   | CASE WESTERN RESERVE    | 39,281  |
| 51   | UTAH                    | 39,171  |
| 52   | JOHNS HOPKINS           | 38,984  |
| 53   | TEXAS TECH              | 37,827  |
| 54   | DUKE                    | 37,021  |
| 55   | TENNESSEE               | 36,920  |
| 56   | EMORY                   | 36,381  |
| 57   | BRIGHAM YOUNG           | 35,838  |

| RANK | INSTITUTION               | VALUE  |
|------|---------------------------|--------|
| 58   | OKLAHOMA STATE            | 35,209 |
| 59   | SUNY-BUFFALO              | 33,981 |
| 60   | DARTMOUTH                 | 33,074 |
| 61   | CALIFORNIA, SAN DIEGO     | 32,839 |
| 62   | TORONTO                   | 31,444 |
| 63   | IOWA STATE                | 31,218 |
| 64   | WAYNE STATE               | 30,955 |
| 65   | GEORGE WASHINGTON         | 30,919 |
| 66   | GEORGETOWN                | 30,763 |
| 67   | NEBRASKA                  | 30,344 |
| 68   | KENTUCKY                  | 30,284 |
| 69   | HOUSTON                   | 29,516 |
| 70   | NOTRE DAME                | 29,511 |
| 71   | NEW YORK                  | 28,429 |
| 72   | BRITISH COLUMBIA          | 28,417 |
| 73   | ROCHESTER                 | 27,813 |
| 74   | CALIFORNIA, IRVINE        | 27,369 |
| 75   | VANDERBILT                | 27,306 |
| 76   | PURDUE                    | 27,215 |
| 77   | SUNY-STONY BROOK          | 27,189 |
| 78   | CALIFORNIA, DAVIS         | 25,276 |
| 79   | BOSTON COLLEGE            | 23,956 |
| 80   | MANITOBA                  | 23,751 |
| 81   | MONTREAL                  | 23,572 |
| 82   | CALIFORNIA, SANTA BARBARA | 23,148 |
| 83   | TEMPLE                    | 22,901 |
| 84   | SOUTHERN CALIFORNIA       | 22,627 |
| 85   | CALIFORNIA, RIVERSIDE     | 22,247 |
| 86   | WESTERN ONTARIO           | 21,852 |
| 87   | VIRGINIA TECH             | 21,740 |
| 88   | NEW MEXICO                | 20,968 |
| 89   | SOUTH CAROLINA            | 19,481 |
| 90   | BOSTON                    | 19,083 |
| 91   | SASKATCHEWAN              | 18,901 |
| 92   | FLORIDA STATE             | 18,801 |
| 93   | QUEENS                    | 18,195 |
| 94   | MIT                       | 18,018 |
| 95   | LAVAL                     | 17,994 |
| 96   | DELAWARE                  | 17,909 |
| 97   | MCGILL                    | 16,646 |
| 98   | TULANE                    | 16,214 |
| 99   | KENT STATE                | 16,080 |
| 100  | MARYLAND                  | 16,060 |
| 101  | YORK                      | 15,714 |
| 102  | LOUISVILLE                | 15,635 |
| 103  | RICE                      | 15,383 |
| 104  | MCMASTER                  | 14,319 |
| 105  | AUBURN                    | 13,672 |
| 106  | SYRACUSE                  | 13,548 |
| 107  | SUNY-ALBANY               | 13,300 |
| 108  | NORTH CAROLINA STATE      | 13,247 |
| 109  | ALABAMA                   | 11,332 |
| 110  | GEORGIA TECH              | 10,275 |
| 111  | HOWARD                    | 7,747  |
| 112  | LOUISIANA STATE           | 7,496  |
| 113  | HAWAII                    | 5,038  |

**RANK ORDER TABLE 15: TOTAL ITEMS BORROWED (ILL/DD)**

| RANK | INSTITUTION               | VALUE  |
|------|---------------------------|--------|
| 1    | WISCONSIN                 | 89,193 |
| 2    | ILLINOIS, URBANA          | 85,295 |
| 3    | PENNSYLVANIA              | 82,189 |
| 4    | OHIO STATE                | 71,986 |
| 5    | INDIANA                   | 63,443 |
| 6    | GUELPH                    | 63,140 |
| 7    | COLORADO STATE            | 61,250 |
| 8    | OREGON                    | 59,316 |
| 9    | WASHINGTON                | 58,761 |
| 10   | TEXAS A&M                 | 55,383 |
| 11   | PENNSYLVANIA STATE        | 54,930 |
| 12   | GEORGE WASHINGTON         | 51,740 |
| 13   | OHIO                      | 51,154 |
| 14   | COLUMBIA                  | 50,344 |
| 15   | WATERLOO                  | 48,204 |
| 16   | MASSACHUSETTS             | 47,474 |
| 17   | WASHINGTON U.-ST. LOUIS   | 46,627 |
| 18   | PRINCETON                 | 46,196 |
| 19   | CINCINNATI                | 45,461 |
| 20   | KANSAS                    | 43,207 |
| 21   | MINNESOTA                 | 41,713 |
| 22   | ILLINOIS, CHICAGO         | 40,925 |
| 23   | MARYLAND                  | 39,693 |
| 24   | ARIZONA STATE             | 37,784 |
| 25   | BROWN                     | 37,736 |
| 26   | SOUTHERN ILLINOIS         | 37,623 |
| 27   | CASE WESTERN RESERVE      | 37,425 |
| 28   | BRIGHAM YOUNG             | 36,731 |
| 29   | YALE                      | 36,153 |
| 30   | MICHIGAN STATE            | 36,082 |
| 31   | TEXAS TECH                | 36,008 |
| 32   | MICHIGAN                  | 35,353 |
| 33   | CALIFORNIA, SANTA BARBARA | 35,036 |
| 34   | MISSOURI                  | 34,945 |
| 35   | WAYNE STATE               | 33,983 |
| 36   | CORNELL                   | 33,960 |
| 37   | CONNECTICUT               | 33,478 |
| 38   | ALBERTA                   | 33,470 |
| 39   | CALIFORNIA, LOS ANGELES   | 32,441 |
| 40   | ARIZONA                   | 31,724 |
| 41   | JOHNS HOPKINS             | 31,429 |
| 42   | TEXAS                     | 31,112 |
| 43   | OKLAHOMA                  | 31,107 |
| 44   | DARTMOUTH                 | 30,340 |
| 45   | NEW YORK                  | 30,284 |
| 46   | UTAH                      | 29,522 |
| 47   | COLORADO                  | 29,487 |
| 48   | CALIFORNIA, IRVINE        | 28,994 |
| 49   | BOSTON                    | 28,548 |
| 50   | CALIFORNIA, SAN DIEGO     | 28,467 |
| 51   | VIRGINIA                  | 28,459 |
| 52   | PURDUE                    | 28,447 |
| 53   | NORTHWESTERN              | 28,362 |
| 54   | NEW MEXICO                | 28,351 |
| 55   | RUTGERS                   | 28,070 |
| 56   | CALIFORNIA, DAVIS         | 27,715 |
| 57   | NORTH CAROLINA STATE      | 26,813 |

| RANK | INSTITUTION           | VALUE  |
|------|-----------------------|--------|
| 58   | TENNESSEE             | 26,296 |
| 59   | DUKE                  | 25,535 |
| 60   | FLORIDA               | 24,406 |
| 61   | PITTSBURGH            | 23,880 |
| 62   | MANITOBA              | 23,588 |
| 63   | DELAWARE              | 23,302 |
| 64   | BRITISH COLUMBIA      | 23,269 |
| 65   | IOWA                  | 23,254 |
| 66   | ROCHESTER             | 22,727 |
| 67   | HAWAII                | 22,595 |
| 68   | VANDERBILT            | 22,443 |
| 69   | NEBRASKA              | 22,440 |
| 70   | LOUISVILLE            | 22,392 |
| 71   | WASHINGTON STATE      | 22,319 |
| 72   | SYRACUSE              | 22,283 |
| 73   | GEORGETOWN            | 22,201 |
| 74   | KENTUCKY              | 22,111 |
| 75   | EMORY                 | 21,912 |
| 76   | VIRGINIA TECH         | 21,565 |
| 77   | CALIFORNIA, BERKELEY  | 21,414 |
| 78   | CHICAGO               | 21,301 |
| 79   | MONTREAL              | 20,784 |
| 80   | HOUSTON               | 20,617 |
| 81   | TEMPLE                | 19,376 |
| 82   | SASKATCHEWAN          | 19,263 |
| 83   | SUNY-BUFFALO          | 19,109 |
| 84   | NOTRE DAME            | 18,246 |
| 85   | SOUTH CAROLINA        | 18,103 |
| 86   | SUNY-ALBANY           | 18,037 |
| 87   | BOSTON COLLEGE        | 17,745 |
| 88   | OKLAHOMA STATE        | 17,720 |
| 89   | CALIFORNIA, RIVERSIDE | 17,432 |
| 90   | SOUTHERN CALIFORNIA   | 17,423 |
| 91   | LOUISIANA STATE       | 16,759 |
| 92   | MCGILL                | 16,714 |
| 93   | HARVARD               | 16,620 |
| 94   | MIT                   | 15,853 |
| 95   | IOWA STATE            | 15,829 |
| 96   | FLORIDA STATE         | 15,273 |
| 97   | NORTH CAROLINA        | 14,136 |
| 98   | SUNY-STONY BROOK      | 13,718 |
| 99   | ALABAMA               | 13,715 |
| 100  | MCMASTER              | 13,618 |
| 101  | MIAMI                 | 13,301 |
| 102  | LAVAL                 | 12,756 |
| 103  | GEORGIA TECH          | 12,748 |
| 104  | QUEENS                | 11,507 |
| 105  | TORONTO               | 11,113 |
| 106  | TULANE                | 9,609  |
| 107  | RICE                  | 9,372  |
| 108  | KENT STATE            | 8,696  |
| 109  | AUBURN                | 8,557  |
| 110  | GEORGIA               | 7,679  |
| 111  | WESTERN ONTARIO       | 7,519  |
| 112  | YORK                  | 5,129  |
| 113  | HOWARD                | 3,114  |

**RANK ORDER TABLE 16: PROFESSIONAL STAFF (FTE)**

| RANK | INSTITUTION             | VALUE |
|------|-------------------------|-------|
| 1    | HARVARD                 | 569   |
| 2    | COLUMBIA                | 328   |
| 3    | YALE                    | 275   |
| 4    | CALIFORNIA, BERKELEY    | 247   |
| 5    | WISCONSIN               | 221   |
| 6    | ILLINOIS, URBANA        | 205   |
| 7    | WASHINGTON              | 190   |
| 8    | TORONTO                 | 187   |
| 9    | DUKE                    | 180   |
| 10   | CALIFORNIA, LOS ANGELES | 169   |
| 11   | INDIANA                 | 163   |
| 12   | MICHIGAN                | 162   |
| 13   | NORTH CAROLINA          | 156   |
| 13   | PENNSYLVANIA STATE      | 156   |
| 15   | MARYLAND                | 145   |
| 15   | TEXAS                   | 145   |
| 17   | OHIO STATE              | 141   |
| 18   | PRINCETON               | 140   |
| 19   | JOHNS HOPKINS           | 139   |
| 20   | TEXAS A&M               | 133   |
| 21   | PENNSYLVANIA            | 125   |
| 22   | PITTSBURGH              | 122   |
| 23   | BRIGHAM YOUNG           | 120   |
| 23   | NEW YORK                | 120   |
| 25   | NORTH CAROLINA STATE    | 118   |
| 26   | CORNELL                 | 117   |
| 27   | SOUTHERN CALIFORNIA     | 115   |
| 27   | SUNY-BUFFALO            | 115   |
| 29   | BRITISH COLUMBIA        | 114   |
| 29   | NORTHWESTERN            | 114   |
| 31   | VANDERBILT              | 108   |
| 32   | MINNESOTA               | 107   |
| 32   | MONTREAL                | 107   |
| 34   | ARIZONA                 | 105   |
| 35   | KANSAS                  | 103   |
| 35   | RUTGERS                 | 103   |
| 37   | EMORY                   | 102   |
| 37   | FLORIDA                 | 102   |
| 39   | BOSTON                  | 100   |
| 39   | CALIFORNIA, SAN DIEGO   | 100   |
| 41   | MIT                     | 99    |
| 42   | CINCINNATI              | 97    |
| 42   | WAYNE STATE             | 97    |
| 44   | TEXAS TECH              | 96    |
| 45   | IOWA                    | 95    |
| 46   | VIRGINIA                | 94    |
| 47   | ARIZONA STATE           | 93    |
| 47   | KENTUCKY                | 93    |
| 47   | WASHINGTON U.-ST. LOUIS | 93    |
| 50   | ROCHESTER               | 92    |
| 50   | SUNY-STONY BROOK        | 92    |
| 52   | GEORGETOWN              | 91    |
| 53   | CONNECTICUT             | 90    |
| 53   | HAWAII                  | 90    |
| 55   | MIAMI                   | 89    |
| 56   | TENNESSEE               | 87    |
| 57   | ALBERTA                 | 85    |

| RANK | INSTITUTION               | VALUE |
|------|---------------------------|-------|
| 58   | MICHIGAN STATE            | 84    |
| 59   | GEORGIA                   | 79    |
| 60   | TEMPLE                    | 77    |
| 61   | BOSTON COLLEGE            | 75    |
| 61   | BROWN                     | 75    |
| 61   | UTAH                      | 75    |
| 64   | CALIFORNIA, IRVINE        | 74    |
| 64   | GEORGE WASHINGTON         | 74    |
| 66   | ILLINOIS, CHICAGO         | 73    |
| 66   | PURDUE                    | 73    |
| 66   | SOUTH CAROLINA            | 73    |
| 69   | ALABAMA                   | 71    |
| 70   | NEW MEXICO                | 70    |
| 70   | OREGON                    | 70    |
| 70   | WESTERN ONTARIO           | 70    |
| 73   | NOTRE DAME                | 69    |
| 74   | FLORIDA STATE             | 68    |
| 75   | CHICAGO                   | 67    |
| 75   | SYRACUSE                  | 67    |
| 77   | MCGILL                    | 65    |
| 78   | MANITOBA                  | 64    |
| 78   | OHIO                      | 64    |
| 78   | OKLAHOMA STATE            | 64    |
| 81   | CASE WESTERN RESERVE      | 63    |
| 81   | SUNY-ALBANY               | 63    |
| 83   | DARTMOUTH                 | 61    |
| 84   | DELAWARE                  | 60    |
| 84   | HOUSTON                   | 60    |
| 84   | MISSOURI                  | 60    |
| 84   | RICE                      | 60    |
| 84   | YORK                      | 60    |
| 89   | CALIFORNIA, DAVIS         | 59    |
| 89   | LAVAL                     | 59    |
| 89   | OKLAHOMA                  | 59    |
| 92   | MASSACHUSETTS             | 58    |
| 92   | SASKATCHEWAN              | 58    |
| 94   | KENT STATE                | 56    |
| 95   | COLORADO                  | 54    |
| 95   | LOUISVILLE                | 54    |
| 97   | LOUISIANA STATE           | 53    |
| 97   | NEBRASKA                  | 53    |
| 97   | WASHINGTON STATE          | 53    |
| 100  | IOWA STATE                | 52    |
| 101  | HOWARD                    | 51    |
| 102  | SOUTHERN ILLINOIS         | 50    |
| 103  | GEORGIA TECH              | 49    |
| 104  | COLORADO STATE            | 48    |
| 105  | AUBURN                    | 47    |
| 105  | CALIFORNIA, SANTA BARBARA | 47    |
| 107  | TULANE                    | 46    |
| 108  | GUELPH                    | 45    |
| 109  | QUEENS                    | 43    |
| 110  | CALIFORNIA, RIVERSIDE     | 41    |
| 111  | MCMASTER                  | 38    |
| 112  | WATERLOO                  | 37    |
| 113  | VIRGINIA TECH             | 36    |

**RANK ORDER TABLE 17: SUPPORT STAFF (FTE)**

| RANK | INSTITUTION               | VALUE |
|------|---------------------------|-------|
| 1    | HARVARD                   | 580   |
| 2    | PENNSYLVANIA STATE        | 388   |
| 3    | YALE                      | 372   |
| 4    | TORONTO                   | 340   |
| 5    | MICHIGAN                  | 323   |
| 6    | CORNELL                   | 313   |
| 7    | TEXAS                     | 308   |
| 8    | CALIFORNIA, LOS ANGELES   | 290   |
| 9    | MONTREAL                  | 271   |
| 10   | COLUMBIA                  | 244   |
| 11   | RUTGERS                   | 235   |
| 12   | NEW YORK                  | 232   |
| 13   | PRINCETON                 | 217   |
| 14   | VIRGINIA                  | 213   |
| 14   | ALBERTA                   | 213   |
| 16   | MINNESOTA                 | 212   |
| 17   | WASHINGTON                | 208   |
| 18   | NORTH CAROLINA            | 205   |
| 19   | ILLINOIS, URBANA          | 204   |
| 20   | ARIZONA STATE             | 199   |
| 21   | CALIFORNIA, BERKELEY      | 198   |
| 22   | FLORIDA                   | 193   |
| 22   | UTAH                      | 193   |
| 24   | CHICAGO                   | 192   |
| 25   | CALIFORNIA, SAN DIEGO     | 186   |
| 26   | BRITISH COLUMBIA          | 183   |
| 26   | GEORGIA                   | 183   |
| 28   | INDIANA                   | 182   |
| 29   | PITTSBURGH                | 174   |
| 30   | WISCONSIN                 | 170   |
| 31   | PENNSYLVANIA              | 167   |
| 32   | ARIZONA                   | 158   |
| 32   | NOTRE DAME                | 158   |
| 34   | LAVAL                     | 157   |
| 35   | EMORY                     | 156   |
| 36   | OHIO STATE                | 154   |
| 37   | DUKE                      | 153   |
| 38   | MCGILL                    | 152   |
| 39   | MANITOBA                  | 147   |
| 40   | CALIFORNIA, DAVIS         | 144   |
| 41   | NEW MEXICO                | 142   |
| 42   | CALIFORNIA, SANTA BARBARA | 140   |
| 43   | NORTHWESTERN              | 139   |
| 44   | SOUTHERN CALIFORNIA       | 137   |
| 44   | SYRACUSE                  | 137   |
| 46   | JOHNS HOPKINS             | 135   |
| 46   | TENNESSEE                 | 135   |
| 48   | TEXAS A&M                 | 133   |
| 49   | GEORGE WASHINGTON         | 130   |
| 50   | CALIFORNIA, IRVINE        | 129   |
| 51   | IOWA                      | 127   |
| 52   | MIAMI                     | 126   |
| 53   | FLORIDA STATE             | 125   |
| 54   | KENTUCKY                  | 124   |
| 55   | TEXAS TECH                | 123   |
| 55   | MICHIGAN STATE            | 123   |
| 57   | PURDUE                    | 119   |

| RANK | INSTITUTION             | VALUE |
|------|-------------------------|-------|
| 58   | WASHINGTON U.-ST. LOUIS | 117   |
| 58   | DARTMOUTH               | 117   |
| 58   | MISSOURI                | 117   |
| 61   | ILLINOIS, CHICAGO       | 114   |
| 61   | YORK                    | 114   |
| 61   | CALIFORNIA, RIVERSIDE   | 114   |
| 64   | GEORGETOWN              | 111   |
| 65   | MARYLAND                | 110   |
| 65   | KANSAS                  | 110   |
| 65   | NEBRASKA                | 110   |
| 68   | WESTERN ONTARIO         | 109   |
| 68   | DELAWARE                | 109   |
| 68   | COLORADO                | 109   |
| 71   | VANDERBILT              | 108   |
| 72   | NORTH CAROLINA STATE    | 106   |
| 72   | QUEENS                  | 106   |
| 74   | SOUTH CAROLINA          | 104   |
| 75   | SASKATCHEWAN            | 102   |
| 76   | BOSTON                  | 100   |
| 76   | BROWN                   | 100   |
| 76   | LOUISIANA STATE         | 100   |
| 79   | OKLAHOMA                | 98    |
| 80   | HAWAII                  | 97    |
| 80   | TEMPLE                  | 97    |
| 80   | MCMASTER                | 97    |
| 83   | WATERLOO                | 96    |
| 84   | MIT                     | 94    |
| 85   | HOUSTON                 | 91    |
| 86   | LOUISVILLE              | 90    |
| 86   | IOWA STATE              | 90    |
| 86   | VIRGINIA TECH           | 90    |
| 89   | SOUTHERN ILLINOIS       | 89    |
| 90   | WAYNE STATE             | 86    |
| 91   | OREGON                  | 85    |
| 92   | WASHINGTON STATE        | 84    |
| 93   | ALABAMA                 | 80    |
| 93   | TULANE                  | 80    |
| 95   | OKLAHOMA STATE          | 79    |
| 96   | BOSTON COLLEGE          | 77    |
| 97   | CONNECTICUT             | 76    |
| 98   | SUNY-BUFFALO            | 73    |
| 98   | MASSACHUSETTS           | 73    |
| 98   | GUELPH                  | 73    |
| 101  | GEORGIA TECH            | 71    |
| 102  | SUNY-ALBANY             | 66    |
| 102  | HOWARD                  | 66    |
| 104  | ROCHESTER               | 64    |
| 105  | OHIO                    | 63    |
| 106  | BRIGHAM YOUNG           | 59    |
| 106  | COLORADO STATE          | 59    |
| 108  | CINCINNATI              | 57    |
| 108  | RICE                    | 57    |
| 110  | AUBURN                  | 51    |
| 111  | CASE WESTERN RESERVE    | 44    |
| 112  | KENT STATE              | 36    |
| 113  | SUNY-STONY BROOK        | 26    |



# RANK ORDER TABLE 18: TOTAL STAFF (FTE)

| RANK | INSTITUTION             | VALUE |
|------|-------------------------|-------|
| 1    | HARVARD                 | 1,277 |
| 2    | COLUMBIA                | 716   |
| 3    | YALE                    | 705   |
| 4    | TORONTO                 | 670   |
| 5    | WISCONSIN               | 643   |
| 6    | PENNSYLVANIA STATE      | 622   |
| 7    | CALIFORNIA, LOS ANGELES | 606   |
| 8    | MICHIGAN                | 585   |
| 9    | CALIFORNIA, BERKELEY    | 584   |
| 10   | TEXAS                   | 551   |
| 11   | CORNELL                 | 548   |
| 12   | ILLINOIS, URBANA        | 533   |
| 13   | WASHINGTON              | 513   |
| 14   | INDIANA                 | 483   |
| 15   | NORTH CAROLINA          | 446   |
| 16   | NEW YORK                | 443   |
| 17   | FLORIDA                 | 426   |
| 18   | OHIO STATE              | 423   |
| 19   | RUTGERS                 | 415   |
| 20   | PENNSYLVANIA            | 414   |
| 21   | MINNESOTA               | 402   |
| 22   | PRINCETON               | 400   |
| 23   | MONTREAL                | 391   |
| 24   | BRIGHAM YOUNG           | 389   |
| 25   | SOUTHERN CALIFORNIA     | 386   |
| 26   | DUKE                    | 371   |
| 26   | VIRGINIA                | 371   |
| 28   | PITTSBURGH              | 363   |
| 29   | UTAH                    | 358   |
| 30   | CALIFORNIA, SAN DIEGO   | 357   |
| 31   | TEXAS A&M               | 350   |
| 32   | ARIZONA STATE           | 338   |
| 33   | NORTHWESTERN            | 336   |
| 34   | ALBERTA                 | 333   |
| 34   | BRITISH COLUMBIA        | 333   |
| 36   | ARIZONA                 | 332   |
| 37   | CHICAGO                 | 320   |
| 38   | JOHNS HOPKINS           | 319   |
| 39   | TEXAS TECH              | 309   |
| 40   | EMORY                   | 307   |
| 41   | MARYLAND                | 304   |
| 42   | GEORGIA                 | 303   |
| 43   | MICHIGAN STATE          | 296   |
| 44   | BOSTON                  | 289   |
| 44   | FLORIDA STATE           | 289   |
| 46   | IOWA                    | 283   |
| 47   | KENT STATE              | 282   |
| 48   | KANSAS                  | 281   |
| 49   | GEORGE WASHINGTON       | 279   |
| 50   | SOUTH CAROLINA          | 278   |
| 51   | KENTUCKY                | 277   |
| 52   | CALIFORNIA, DAVIS       | 273   |
| 52   | TENNESSEE               | 273   |
| 54   | WASHINGTON U.-ST. LOUIS | 269   |
| 55   | NORTH CAROLINA STATE    | 268   |
| 56   | NEW MEXICO              | 266   |
| 57   | NOTRE DAME              | 263   |

| RANK | INSTITUTION               | VALUE |
|------|---------------------------|-------|
| 58   | WAYNE STATE               | 261   |
| 59   | MIAMI                     | 259   |
| 60   | SUNY-BUFFALO              | 257   |
| 61   | HAWAII                    | 255   |
| 62   | CALIFORNIA, IRVINE        | 253   |
| 63   | MCGILL                    | 249   |
| 64   | PURDUE                    | 248   |
| 64   | VANDERBILT                | 248   |
| 66   | GEORGETOWN                | 247   |
| 67   | MANITOBA                  | 234   |
| 67   | YORK                      | 234   |
| 69   | OKLAHOMA                  | 233   |
| 70   | SYRACUSE                  | 232   |
| 71   | CALIFORNIA, SANTA BARBARA | 230   |
| 71   | LAVAL                     | 230   |
| 73   | TEMPLE                    | 227   |
| 74   | ROCHESTER                 | 216   |
| 75   | MISSOURI                  | 214   |
| 76   | ILLINOIS, CHICAGO         | 213   |
| 76   | OKLAHOMA STATE            | 213   |
| 76   | OREGON                    | 213   |
| 79   | CONNECTICUT               | 212   |
| 80   | MIT                       | 210   |
| 81   | BROWN                     | 208   |
| 81   | COLORADO                  | 208   |
| 83   | ALABAMA                   | 207   |
| 84   | DARTMOUTH                 | 206   |
| 84   | DELAWARE                  | 206   |
| 86   | CINCINNATI                | 205   |
| 87   | NEBRASKA                  | 202   |
| 87   | SOUTHERN ILLINOIS         | 202   |
| 89   | BOSTON COLLEGE            | 200   |
| 89   | HOUSTON                   | 200   |
| 91   | WESTERN ONTARIO           | 194   |
| 92   | LOUISIANA STATE           | 192   |
| 93   | LOUISVILLE                | 190   |
| 94   | CALIFORNIA, RIVERSIDE     | 189   |
| 95   | MASSACHUSETTS             | 183   |
| 96   | IOWA STATE                | 178   |
| 96   | WATERLOO                  | 178   |
| 98   | SASKATCHEWAN              | 177   |
| 99   | OHIO                      | 176   |
| 100  | WASHINGTON STATE          | 172   |
| 101  | HOWARD                    | 166   |
| 102  | QUEENS                    | 165   |
| 103  | SUNY-ALBANY               | 163   |
| 104  | MCMASTER                  | 160   |
| 104  | VIRGINIA TECH             | 160   |
| 106  | SUNY-STONY BROOK          | 155   |
| 107  | TULANE                    | 150   |
| 108  | GUELPH                    | 146   |
| 109  | CASE WESTERN RESERVE      | 137   |
| 110  | COLORADO STATE            | 134   |
| 111  | RICE                      | 129   |
| 112  | AUBURN                    | 128   |
| 113  | GEORGIA TECH              | 127   |

**RANK ORDER TABLE 19: EXPENDITURES FOR ELECTRONIC RESOURCES**

| RANK | INSTITUTION             | VALUE     |
|------|-------------------------|-----------|
| 1    | COLUMBIA                | 9,724,550 |
| 2    | PENNSYLVANIA STATE      | 9,448,072 |
| 3    | TEXAS                   | 8,976,961 |
| 4    | PITTSBURGH              | 8,829,087 |
| 5    | TEXAS A&M               | 8,286,341 |
| 6    | ALBERTA                 | 8,266,559 |
| 7    | NEW YORK                | 7,903,569 |
| 8    | MCGILL                  | 7,486,616 |
| 9    | JOHNS HOPKINS           | 7,387,579 |
| 10   | MIAMI                   | 7,323,132 |
| 11   | BRITISH COLUMBIA        | 7,027,578 |
| 12   | YALE                    | 6,991,200 |
| 13   | VANDERBILT              | 6,954,968 |
| 14   | WASHINGTON              | 6,818,776 |
| 15   | DUKE                    | 6,758,268 |
| 16   | SOUTHERN CALIFORNIA     | 6,739,328 |
| 17   | PRINCETON               | 6,721,402 |
| 18   | HARVARD                 | 6,681,995 |
| 19   | ARIZONA                 | 6,592,104 |
| 20   | TEMPLE                  | 6,542,673 |
| 21   | PURDUE                  | 6,516,459 |
| 22   | WAYNE STATE             | 6,486,741 |
| 23   | MINNESOTA               | 6,445,354 |
| 24   | NORTHWESTERN            | 6,424,824 |
| 25   | SASKATCHEWAN            | 6,369,649 |
| 26   | ARIZONA STATE           | 6,268,359 |
| 27   | WESTERN ONTARIO         | 6,186,010 |
| 28   | CORNELL                 | 6,080,535 |
| 29   | GEORGIA                 | 5,947,356 |
| 30   | MICHIGAN                | 5,854,769 |
| 31   | INDIANA                 | 5,780,889 |
| 32   | IOWA STATE              | 5,767,659 |
| 33   | COLORADO                | 5,611,532 |
| 34   | IOWA                    | 5,590,482 |
| 35   | PENNSYLVANIA            | 5,558,118 |
| 36   | MICHIGAN STATE          | 5,438,142 |
| 37   | CHICAGO                 | 5,412,597 |
| 38   | MISSOURI                | 5,388,693 |
| 39   | ILLINOIS, URBANA        | 5,369,858 |
| 40   | CALIFORNIA, BERKELEY    | 5,255,796 |
| 41   | NOTRE DAME              | 5,238,495 |
| 42   | MONTREAL                | 5,228,750 |
| 43   | MCMASTER                | 5,218,594 |
| 44   | CINCINNATI              | 5,178,257 |
| 45   | TENNESSEE               | 5,173,801 |
| 46   | CONNECTICUT             | 5,172,502 |
| 47   | SUNY-BUFFALO            | 5,113,830 |
| 48   | OHIO STATE              | 5,111,173 |
| 49   | QUEENS                  | 5,095,166 |
| 50   | WISCONSIN               | 5,094,585 |
| 51   | WASHINGTON U.-ST. LOUIS | 5,019,863 |
| 52   | DELAWARE                | 4,951,459 |
| 53   | FLORIDA                 | 4,940,171 |
| 54   | DARTMOUTH               | 4,818,286 |
| 55   | VIRGINIA TECH           | 4,724,622 |
| 56   | LAVAL                   | 4,694,716 |
| 57   | FLORIDA STATE           | 4,627,530 |

| RANK | INSTITUTION               | VALUE     |
|------|---------------------------|-----------|
| 58   | CALIFORNIA, SAN DIEGO     | 4,546,068 |
| 59   | CALIFORNIA, IRVINE        | 4,501,557 |
| 60   | VIRGINIA                  | 4,476,702 |
| 61   | CALIFORNIA, LOS ANGELES   | 4,352,521 |
| 62   | MIT                       | 4,256,392 |
| 63   | YORK                      | 4,141,115 |
| 64   | SOUTH CAROLINA            | 4,078,816 |
| 65   | EMORY                     | 3,995,020 |
| 66   | GEORGETOWN                | 3,979,582 |
| 67   | NEW MEXICO                | 3,928,276 |
| 68   | HAWAII                    | 3,926,834 |
| 69   | GEORGIA TECH              | 3,921,119 |
| 70   | RICE                      | 3,855,869 |
| 71   | OKLAHOMA                  | 3,836,788 |
| 72   | CALIFORNIA, DAVIS         | 3,822,482 |
| 73   | MANITOBA                  | 3,786,258 |
| 74   | KENTUCKY                  | 3,779,661 |
| 75   | COLORADO STATE            | 3,729,828 |
| 76   | RUTGERS                   | 3,721,706 |
| 77   | GEORGE WASHINGTON         | 3,660,783 |
| 78   | NORTH CAROLINA            | 3,624,155 |
| 79   | WASHINGTON STATE          | 3,617,120 |
| 80   | NORTH CAROLINA STATE      | 3,580,379 |
| 81   | AUBURN                    | 3,568,035 |
| 82   | LOUISIANA STATE           | 3,510,904 |
| 83   | BROWN                     | 3,499,893 |
| 84   | ALABAMA                   | 3,487,313 |
| 85   | WATERLOO                  | 3,481,318 |
| 86   | TORONTO                   | 3,460,817 |
| 87   | SUNY-STONY BROOK          | 3,438,908 |
| 88   | SYRACUSE                  | 3,350,462 |
| 89   | GUELPH                    | 3,344,765 |
| 90   | ILLINOIS, CHICAGO         | 3,341,687 |
| 91   | SOUTHERN ILLINOIS         | 3,317,029 |
| 92   | BOSTON COLLEGE            | 3,271,201 |
| 93   | CASE WESTERN RESERVE      | 3,209,445 |
| 94   | MASSACHUSETTS             | 3,172,310 |
| 95   | TULANE                    | 3,144,786 |
| 96   | TEXAS TECH                | 3,131,537 |
| 97   | ROCHESTER                 | 3,079,015 |
| 98   | KANSAS                    | 2,802,454 |
| 99   | BRIGHAM YOUNG             | 2,678,255 |
| 100  | LOUISVILLE                | 2,678,145 |
| 101  | HOUSTON                   | 2,675,759 |
| 102  | OHIO                      | 2,667,677 |
| 103  | CALIFORNIA, SANTA BARBARA | 2,637,746 |
| 104  | OREGON                    | 2,418,763 |
| 105  | BOSTON                    | 2,271,508 |
| 106  | NEBRASKA                  | 2,200,652 |
| 107  | CALIFORNIA, RIVERSIDE     | 2,082,581 |
| 108  | MARYLAND                  | 1,902,017 |
| 109  | HOWARD                    | 1,766,872 |
| 110  | KENT STATE                | 1,712,483 |
| 111  | SUNY-ALBANY               | 1,656,225 |
| 112  | UTAH                      | 1,337,771 |
|      | OKLAHOMA STATE            | UA/NA     |



**RANK ORDER TABLE 20: ELECTRONIC RESOURCES AS A PERCENTAGE OF TOTAL LIBRARY MATERIALS**

| RANK | INSTITUTION               | VALUE |
|------|---------------------------|-------|
| 1    | WAYNE STATE               | 77.74 |
| 2    | MCMASTER                  | 74.35 |
| 3    | SOUTHERN CALIFORNIA       | 73.83 |
| 4    | FLORIDA STATE             | 67.65 |
| 5    | GEORGIA TECH              | 66.31 |
| 6    | PURDUE                    | 64.69 |
| 7    | AUBURN                    | 64.36 |
| 8    | MISSOURI                  | 64.23 |
| 9    | IOWA STATE                | 62.39 |
| 10   | VANDERBILT                | 62.34 |
| 11   | VIRGINIA TECH             | 62.23 |
| 12   | GUELPH                    | 61.84 |
| 13   | SUNY-BUFFALO              | 61.76 |
| 14   | MCGILL                    | 61.50 |
| 15   | PITTSBURGH                | 61.15 |
| 16   | WESTERN ONTARIO           | 60.16 |
| 17   | QUEENS                    | 59.89 |
| 18   | COLORADO STATE            | 59.40 |
| 19   | DELAWARE                  | 59.09 |
| 20   | WATERLOO                  | 58.73 |
| 21   | COLORADO                  | 58.25 |
| 22   | TEMPLE                    | 58.11 |
| 23   | CONNECTICUT               | 58.00 |
| 24   | DARTMOUTH                 | 57.36 |
| 25   | WASHINGTON STATE          | 55.97 |
| 26   | NEW MEXICO                | 55.47 |
| 27   | SOUTH CAROLINA            | 55.09 |
| 28   | MASSACHUSETTS             | 54.18 |
| 29   | CINCINNATI                | 53.94 |
| 30   | CALIFORNIA, SAN DIEGO     | 53.47 |
| 31   | TEXAS A&M                 | 53.44 |
| 32   | MIAMI                     | 52.96 |
| 33   | MANITOBA                  | 52.72 |
| 34   | ARIZONA                   | 52.43 |
| 35   | CALIFORNIA, IRVINE        | 52.16 |
| 36   | JOHNS HOPKINS             | 52.04 |
| 37   | SYRACUSE                  | 51.88 |
| 38   | MIT                       | 51.73 |
| 39   | PENNSYLVANIA STATE        | 51.61 |
| 40   | SUNY-STONY BROOK          | 51.56 |
| 41   | MICHIGAN STATE            | 51.49 |
| 42   | ARIZONA STATE             | 51.41 |
| 43   | LAVAL                     | 50.89 |
| 44   | CASE WESTERN RESERVE      | 50.68 |
| 45   | ALBERTA                   | 50.62 |
| 46   | GEORGIA                   | 50.32 |
| 47   | TEXAS                     | 50.30 |
| 48   | OHIO                      | 50.01 |
| 49   | HAWAII                    | 49.97 |
| 50   | NOTRE DAME                | 49.91 |
| 51   | HOWARD                    | 49.86 |
| 52   | NORTHWESTERN              | 49.76 |
| 53   | MONTREAL                  | 49.64 |
| 54   | ALABAMA                   | 49.59 |
| 55   | CALIFORNIA, SANTA BARBARA | 48.63 |
| 56   | NEW YORK                  | 48.19 |
| 57   | YORK                      | 47.17 |

| RANK | INSTITUTION             | VALUE |
|------|-------------------------|-------|
| 58   | BRITISH COLUMBIA        | 46.95 |
| 59   | SASKATCHEWAN            | 46.94 |
| 60   | SOUTHERN ILLINOIS       | 46.57 |
| 61   | LOUISIANA STATE         | 46.14 |
| 62   | WASHINGTON U.-ST. LOUIS | 45.55 |
| 63   | WISCONSIN               | 45.32 |
| 64   | OHIO STATE              | 44.64 |
| 65   | KENT STATE              | 44.20 |
| 66   | INDIANA                 | 43.72 |
| 67   | COLUMBIA                | 43.71 |
| 68   | CALIFORNIA, DAVIS       | 43.48 |
| 69   | ROCHESTER               | 42.97 |
| 70   | IOWA                    | 42.92 |
| 71   | TENNESSEE               | 42.87 |
| 72   | BROWN                   | 42.58 |
| 73   | LOUISVILLE              | 42.29 |
| 74   | WASHINGTON              | 42.19 |
| 75   | FLORIDA                 | 41.71 |
| 76   | VIRGINIA                | 41.48 |
| 77   | MINNESOTA               | 41.06 |
| 78   | CORNELL                 | 40.50 |
| 79   | DUKE                    | 40.38 |
| 80   | NORTH CAROLINA STATE    | 39.39 |
| 81   | OREGON                  | 39.27 |
| 82   | ILLINOIS, CHICAGO       | 39.18 |
| 83   | TULANE                  | 39.09 |
| 84   | RICE                    | 38.99 |
| 85   | BOSTON COLLEGE          | 38.56 |
| 86   | PENNSYLVANIA            | 38.53 |
| 87   | KENTUCKY                | 37.51 |
| 88   | RUTGERS                 | 36.96 |
| 89   | ILLINOIS, URBANA        | 36.96 |
| 90   | GEORGETOWN              | 36.81 |
| 91   | PRINCETON               | 36.47 |
| 92   | GEORGE WASHINGTON       | 36.13 |
| 93   | NEBRASKA                | 35.34 |
| 94   | CALIFORNIA, RIVERSIDE   | 33.72 |
| 95   | CHICAGO                 | 33.56 |
| 96   | KANSAS                  | 32.58 |
| 97   | SUNY-ALBANY             | 32.26 |
| 98   | HOUSTON                 | 32.25 |
| 99   | TEXAS TECH              | 30.70 |
| 100  | OKLAHOMA                | 29.59 |
| 101  | CALIFORNIA, LOS ANGELES | 29.23 |
| 102  | MICHIGAN                | 28.53 |
| 103  | BOSTON                  | 28.09 |
| 104  | BRIGHAM YOUNG           | 27.91 |
| 105  | CALIFORNIA, BERKELEY    | 26.66 |
| 106  | EMORY                   | 25.15 |
| 107  | NORTH CAROLINA          | 24.91 |
| 108  | HARVARD                 | 22.52 |
| 109  | YALE                    | 20.60 |
| 110  | MARYLAND                | 20.23 |
| 111  | UTAH                    | 17.74 |
| 112  | TORONTO                 | 15.41 |
|      | OKLAHOMA STATE          | UA/NA |

**RANK ORDER TABLE 21: LIBRARY INVESTMENT INDEX**

| RANK | INSTITUTION             | VALUE   |
|------|-------------------------|---------|
| 1    | HARVARD                 | 5.8808  |
| 2    | YALE                    | 3.6516  |
| 3    | COLUMBIA                | 2.4354  |
| 4    | TORONTO                 | 2.3607  |
| 5    | CALIFORNIA, BERKELEY    | 1.9287  |
| 6    | MICHIGAN                | 1.7132  |
| 7    | CALIFORNIA, LOS ANGELES | 1.6848  |
| 8    | PENNSYLVANIA STATE      | 1.6097  |
| 9    | TEXAS                   | 1.2798  |
| 10   | CORNELL                 | 1.1437  |
| 11   | NEW YORK                | 1.1199  |
| 12   | PRINCETON               | 1.1108  |
| 13   | ILLINOIS, URBANA        | 1.0868  |
| 14   | WASHINGTON              | 1.0859  |
| 15   | WISCONSIN               | 1.0371  |
| 16   | MINNESOTA               | 0.9149  |
| 17   | DUKE                    | 0.7353  |
| 18   | NORTH CAROLINA          | 0.6761  |
| 19   | ALBERTA                 | 0.6403  |
| 20   | PENNSYLVANIA            | 0.6235  |
| 21   | EMORY                   | 0.5649  |
| 22   | INDIANA                 | 0.5292  |
| 23   | SOUTHERN CALIFORNIA     | 0.5138  |
| 24   | VIRGINIA                | 0.5037  |
| 25   | BRITISH COLUMBIA        | 0.4912  |
| 26   | TEXAS A&M               | 0.4817  |
| 27   | OHIO STATE              | 0.4152  |
| 28   | CHICAGO                 | 0.4078  |
| 29   | JOHNS HOPKINS           | 0.4067  |
| 30   | ARIZONA                 | 0.2954  |
| 31   | PITTSBURGH              | 0.2883  |
| 32   | RUTGERS                 | 0.2627  |
| 33   | MONTREAL                | 0.1155  |
| 34   | NORTHWESTERN            | 0.1102  |
| 35   | ARIZONA STATE           | 0.0989  |
| 36   | MCGILL                  | 0.0978  |
| 37   | CALIFORNIA, SAN DIEGO   | 0.0846  |
| 38   | FLORIDA                 | 0.0707  |
| 39   | WASHINGTON U.-ST. LOUIS | 0.0672  |
| 40   | IOWA                    | 0.0581  |
| 41   | NORTH CAROLINA STATE    | 0.0363  |
| 42   | MIAMI                   | 0.0263  |
| 43   | BRIGHAM YOUNG           | -0.0688 |
| 44   | CONNECTICUT             | -0.0747 |
| 45   | VANDERBILT              | -0.0847 |
| 46   | PURDUE                  | -0.1045 |
| 47   | MARYLAND                | -0.1197 |
| 48   | GEORGETOWN              | -0.1269 |
| 49   | MICHIGAN STATE          | -0.1323 |
| 50   | GEORGIA                 | -0.1679 |
| 51   | MIT                     | -0.1832 |
| 52   | UTAH                    | -0.1885 |
| 53   | TENNESSEE               | -0.1950 |
| 54   | NOTRE DAME              | -0.2022 |
| 55   | GEORGE WASHINGTON       | -0.2072 |
| 56   | SASKATCHEWAN            | -0.2298 |
| 57   | TEXAS TECH              | -0.2525 |

| RANK | INSTITUTION               | VALUE   |
|------|---------------------------|---------|
| 58   | CINCINNATI                | -0.2543 |
| 59   | NEW MEXICO                | -0.3036 |
| 60   | TEMPLE                    | -0.3097 |
| 61   | OKLAHOMA                  | -0.3295 |
| 62   | KENTUCKY                  | -0.3490 |
| 63   | KANSAS                    | -0.3493 |
| 64   | CALIFORNIA, DAVIS         | -0.3787 |
| 65   | SUNY-BUFFALO              | -0.3807 |
| 66   | YORK                      | -0.3955 |
| 67   | SOUTH CAROLINA            | -0.4084 |
| 68   | CALIFORNIA, IRVINE        | -0.4146 |
| 69   | WAYNE STATE               | -0.4542 |
| 70   | COLORADO                  | -0.4655 |
| 71   | BROWN                     | -0.4867 |
| 72   | WESTERN ONTARIO           | -0.4869 |
| 73   | ILLINOIS, CHICAGO         | -0.4918 |
| 74   | BOSTON                    | -0.4965 |
| 75   | ROCHESTER                 | -0.5056 |
| 76   | HAWAII                    | -0.5146 |
| 77   | MANITOBA                  | -0.5251 |
| 78   | BOSTON COLLEGE            | -0.5311 |
| 79   | DARTMOUTH                 | -0.5389 |
| 80   | LAVAL                     | -0.5399 |
| 81   | IOWA STATE                | -0.5410 |
| 82   | DELAWARE                  | -0.5970 |
| 83   | CALIFORNIA, SANTA BARBARA | -0.6103 |
| 84   | RICE                      | -0.6339 |
| 85   | HOUSTON                   | -0.6382 |
| 86   | QUEENS                    | -0.6523 |
| 87   | MISSOURI                  | -0.6568 |
| 88   | SYRACUSE                  | -0.6623 |
| 89   | OKLAHOMA STATE            | -0.6953 |
| 90   | LOUISVILLE                | -0.6984 |
| 91   | ALABAMA                   | -0.7372 |
| 92   | FLORIDA STATE             | -0.7548 |
| 93   | MASSACHUSETTS             | -0.7779 |
| 94   | MCMASTER                  | -0.7834 |
| 95   | CALIFORNIA, RIVERSIDE     | -0.7860 |
| 96   | OREGON                    | -0.7884 |
| 97   | LOUISIANA STATE           | -0.7988 |
| 98   | SOUTHERN ILLINOIS         | -0.8090 |
| 99   | WASHINGTON STATE          | -0.8133 |
| 100  | NEBRASKA                  | -0.8134 |
| 101  | TULANE                    | -0.8283 |
| 102  | SUNY-STONY BROOK          | -0.8284 |
| 103  | COLORADO STATE            | -0.8472 |
| 104  | VIRGINIA TECH             | -0.8613 |
| 105  | CASE WESTERN RESERVE      | -0.8774 |
| 106  | WATERLOO                  | -0.8868 |
| 107  | AUBURN                    | -0.9344 |
| 108  | GEORGIA TECH              | -0.9620 |
| 109  | OHIO                      | -0.9678 |
| 110  | GUELPH                    | -0.9793 |
| 111  | SUNY-ALBANY               | -0.9795 |
| 112  | KENT STATE                | -1.0556 |
| 113  | HOWARD                    | -1.1412 |

Ranking as of August 12, 2008.

# ARL STATISTICS QUESTIONNAIRE, 2006–2007

## INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

### General Instructions

Definitions of statistical categories can be found in NISO Z39.7-2004, *Information Services and Use: Metrics & Statistics for Libraries and Information Providers--Data Dictionary* (<http://www.niso.org/emetrics/current/index.html>). ARL has been modifying the interpretation of the standard definitions to address questions posed by the library staff at various member institutions that complete the survey and with feedback from the ARL Statistics and Assessment Committee (<http://www.arl.org/stats/program/meeting.html>).

**Please do not use decimals.** All figures should be rounded to the nearest whole number.

**Please respond to every question.** If an exact figure cannot be provided, use NA/UA to indicate that the figure is either unavailable or not applicable. If the appropriate answer is zero or none, use 0.

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 notes below.

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.

The questionnaire assumes a fiscal year ending **June 30, 2007**. If your fiscal year is different, please indicate this in the notes below by adjusting the reporting period.

**Footnotes.** Explanatory footnotes will be included with the published statistics. Provide any notes you may have in the footnotes area at the end of the survey. Reporting libraries are urged to record there any information that would clarify the figures submitted in that line, e.g., the inclusion and exclusion of branch campus libraries. 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.

### Specific Instructions

**Question 1. Volumes in Library.** Use the ANSI/NISO Z39.7-2004 definition for **volume** as follows:

*a single physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, distinguished from other units by a separate binding, encasement, portfolio, or other clear distinction, which has been **cataloged, classified, and made ready for use**, and which is typically the unit used to charge circulation transactions. Either a serial volume is bound, or it comprises the serial issues that would be bound together if the library bound all serials.*

Include duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microforms, maps, nonprint materials, and uncataloged items. If any of these items cannot be excluded, please provide an explanatory footnote

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if they were in bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

$$\begin{aligned} &52 \text{ documents pieces per foot} \\ &10 \text{ "traditional" volumes per foot} \\ &5.2 \text{ documents pieces per volume} \end{aligned}$$

Include e-book units, as long as these e-books are owned or leased and have been cataloged by your library. Include electronic books purchased through vendors such as NetLibrary® or Books 24x7, and e-books that come as part of aggregate services. Include individual titles of e-book sets that are treated as individual reference sources. Include locally digitized electronic books and electronic theses and dissertations. Provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles in a note.

Include volumes purchased collectively where the cost is shared at the time of purchase.

If either formulas or sampling are used for deriving your count, please indicate in a footnote.

**Question 1b. Volumes Added.** Include only volumes cataloged, classified, and made ready for use. Include government documents if they have been included in the count of volumes on line 1a. Do not include as part of Volumes Added Gross any government documents or other collections (such as large gift collections or e-book packages) that were added to the collection as the result of a one time download or addition to the OPAC. Include these items in Volumes Held of the previous year (Line 1a) and provide a footnote explaining the revision of Line 1a.

**Question 2. Monographic Volumes Purchased.** Report number of volumes purchased; do not include volumes received or cataloged. Include all volumes for which an expenditure was made during 2006-07, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. Include e-books that fit the NetLibrary® model, i.e., electronic manifestations of physical entities and/or units; provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote.

**Question 3: Basis of Volume Count.** A physical count is a piece count; a bibliographic count is a catalog record count.

**Questions 4-5. Serials.** Use the following definition for a serial:

*a publication in any medium issued in successive parts bearing numerical or chronological designations and intended to be continued indefinitely. This definition includes periodicals, newspapers, and annuals (reports, yearbooks, etc.); the journals, memoirs, proceedings, transactions, etc. of societies; and numbered monographic series.*

Report the total number of unique serial titles, NOT SUBSCRIPTIONS, that you currently acquire. Do not include duplicate counts of serial titles. To the extent possible, report all government document serials even if housed in a separate documents collection. Verify the inclusion or exclusion of document serials in Question 5. Exclude unnumbered monographic and publishers' series. Electronic serials acquired as part of a bundle or an aggregated package should be counted by title, even if they are not cataloged, as long as they are made accessible by the library.

**Question 4a. Serial titles currently purchased.** In the case of consortial agreements, count under 'serial titles currently purchased' those titles for which the library pays any amount from its budgeted expenditures. Include all titles that are part of bundles or aggregated packages, even if your library makes a partial payment for access to those titles. If a purchased title includes electronic access to the title, count that title ONLY ONCE (DEDUPED) as electronic only. If a database includes full-text and abstracted titles, the number of full-text titles can be counted.

**Question 4b. Serial titles: Not Purchased.** If serial titles have been purchased through a consortium whose budget is centrally funded and independent from the library's budget, these serials should be reported under 'serial titles currently received but not purchased.'

Report other titles that your library receives and does not pay for directly under 'serial titles received but not purchased.'

Record those serial titles received without purchase for whatever reason. If within a purchased or aggregated package it cannot be determined that some titles are not purchased, report all titles as purchased.

If separate counts of nonpurchased and purchased serial titles are not available, report only the total number of serial titles currently purchased and received on line 4, and report U / A for lines 4a and 4b.

**Question 6. Microforms.** Report the total number of physical units: reels of microfilm, microcards, and microprint and microfiche sheets. Include all government documents in microform; provide a footnote if documents are excluded.

**Question 7. Government documents.** Report the total number of physical units (pieces) of government documents in paper format that have not been counted elsewhere. Include local, state, national, and international documents; include documents purchased from a commercial source if shelved with separate documents collections and not counted above. Include serials and monographs. To estimate pieces from a measurement of linear feet, use the formula  $1 \text{ foot} = 52 \text{ pieces}$  and indicate in a footnote that the count is based on this estimate. Exclude microforms and nonprint formats such as maps or CD-ROMs. Adjust line 1a, i.e., last year's Volumes Held, and provide a footnote if you are adding records to the OPAC for government documents previously held but not counted as part of Volumes Held (line 1a).

**Question 8. Computer files.** Include the number of pieces of computer-readable disks, tapes, CD-ROMs, and similar machine-readable files comprising data or programs that are locally held as part of the library's collections available to library clients. Examples are U.S. Census data tapes, sample research software, locally-mounted databases, and reference tools on CD-ROM, tape or disk. Exclude bibliographic records used to manage the collection (i.e., the library's own catalog in machine-readable form), library system software, and microcomputer software used only by the library staff.

**Question 9. Manuscripts and archives.** Include both manuscripts and archives measured in linear feet.

**Question 10. Cartographic materials.** Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

**Question 11. Graphic materials.** Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

**Question 12. Audio materials.** Include the number of pieces of audiocassettes, phonodiscs, audio compact discs, reel-to-reel tapes, and other sound recordings.

**Question 13. Film and video materials.** Include the number of pieces of motion pictures, videocassettes, video laser discs, and similar visual materials.

**Questions 14-20. Expenditures.** Report all expenditures of funds that come to the library from the regular institutional budget, and from sources such as research grants, special projects, gifts and endowments, and fees for service. (For question 17, include non-library funds; see instruction Q17.) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (For your information, if interested in determining figures in U.S. dollars, divide Canadian dollar amounts by 1.1323, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2006-June 2007.) **Please round figures to the nearest dollar.**

**Question 15a. Monographs.** Report expenditures for volumes purchased counted on line 2.

**Question 15b. Serial titles.** Report expenditures for serial titles counted on line 4a. Exclude unnumbered monographic and publishers' series, and encumbrances.

**Question 15c. Other library materials.** Include expenditures for all materials not reported in Questions 15a and 15b, e.g., backfiles of serials, charts and maps, audiovisual materials, manuscripts, etc. If expenditures for these materials are included in lines 15a and/or 15b and cannot be disaggregated, please report U/A and provide a footnote. Do not include encumbrances.

**Question 15d. Miscellaneous expenditures.** Include any other **materials funds expenditures** not included in questions 15a-c, e.g., expenditures for bibliographic utilities, literature searching, security devices, memberships for the purposes of publications, etc. Please list categories, with amounts, in a footnote. **Note:** If your library does not use materials funds for non-materials expenditures—i.e., if those expenditures are included in "Other Operating Expenditures"—**report 0, not U/A**, on line 15d.

**Question 16. Contract Binding.** Include only contract expenditures for binding done outside the library. If all binding is done in-house, state this fact and give in-house expenditures in a footnote; do not include personnel expenditures. (This figure should also be reported in the 2006-07 ARL Preservation Survey, question 7b.)

**Questions 17. Salaries and wages.** Exclude fringe benefits. If professional and support staff salaries cannot be separated, enter U/A, on lines 17a and 17b and enter total staff on line 17.

**Question 17c. Salaries and wages: Student Assistants.** Report 100% of student wages regardless of budgetary source of funds. Include federal and local funds for work study students.

**Question 19. Other operating expenditures.** Exclude expenditures for buildings, maintenance, and fringe benefits.

**Questions 21-25. Electronic expenditures.** These items are intended to indicate what portion of your institution's total library expenditures are dedicated to electronic resources and services. Please use the Footnotes to indicate any

electronic materials expenditures you believe not to be covered by these questions. *Many expenditures recorded in these questions should have been included in Question 20, total library expenditures.*

**Question 21. One-time electronic resource purchases.** Report expenditures that are not current serials (i.e. are non-subscription, one-time, or monographic in nature) for software and machine-readable materials considered part of the collections. Examples include periodical backfiles, literature collections, one-time costs for JSTOR membership, etc. Expenditures reported here may be derived from any of the following categories: Monographs (Q15a), Other Library Materials (Q15c), Miscellaneous (Q15d), or Other Operating Expenditures (Q19).

**Question 22. Ongoing electronic resource purchases.** Report subscription expenditures (or those which are expected to be ongoing commitments) for serial publications whose primary format is electronic and for online searches of remote databases such as OCLC FirstSearch, DIALOG, Lexis-Nexis, etc. Examples include paid subscriptions for electronic journals and indexes/abstracts available via the Internet, CD-ROM serials, and annual access fees for resources purchased on a “one-time” basis, such as literature collections, JSTOR membership, etc. Not all items whose expenditures are counted here will be included in Serial titles currently received (Question 4) or Serials Expenditures (Question 15b).

**Q23. Bibliographic Utilities, Networks, and Consortia.** Because it is increasingly common for ARL Libraries to enter into consortial arrangements to purchase access to electronic resources, both “Library” and “External” expenditure blanks and instructions are provided. Please use a footnote to describe expenditures that you believe are not covered by the question, or situations that do not seem to fit the instructions.

**Q23a. From internal library sources.** Report expenditures paid by the Library for services provided by national, regional, and local bibliographic utilities, networks, and consortia, such as OCLC and RLG, unless for user database access and subscriptions, which should be reported in Questions 21 or 22. Include only expenditures that are part of Other Operating Expenditures (Q19).

**Q23b. From external sources.** If your library receives access to computer files, electronic serials or search services through one or more centrally-funded system or consortial arrangements for which it does not pay fully and/or directly (for example, funding is provided by the state on behalf of all members), enter the amount paid by external bodies on its behalf. If the specific dollar amount is not known, but the total student FTE for the consortium and amount spent for the academic members are known, divide the overall amount spent by your institution’s share of the total student FTE.

**Q24. Computer hardware and software.** Report expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, mainframe or microcomputer, and whether for staff or public use. Include expenditures for: maintenance; equipment used to run information service products when those expenditures can be separated from the price of the product; telecommunications infrastructure costs, such as wiring, hubs, routers, etc. Include only expenditures that are part of Other Operating Expenditures (Q19).

**Q25. Document Delivery/Interlibrary Loan.** Report expenditures for document delivery and interlibrary loan services (both borrowing and lending). Include fees paid for photocopies, costs of telefacsimile transmission, royalties and access fees paid to provide document delivery or interlibrary loan. Include fees paid to bibliographic utilities if the portion paid for interlibrary loan can be separately counted. Include only expenditures that are part of Miscellaneous Materials Expenditures (Q15d) or Other Operating Expenditures (Q19), and only for those ILL/DD programs with data recorded in Questions 34-35.

**Questions 26. Personnel.** Report the number of FTE (full-time equivalent) staff in filled positions, or positions that are only temporarily vacant. ARL defines temporarily vacant positions as positions that were vacated during the fiscal year for which ARL data were submitted, for which there is a firm intent to refill, and for which there are expenditures for

salaries reported on line 17.

Include cost recovery positions and staff hired for special projects and grants, but provide an explanatory footnote indicating the number of such staff. If such staff cannot be included, provide a footnote. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours per week (or year) worked by part-time employees in each category and divide it by the number of hours considered by the reporting library to be a full-time work week (or year). **Round figures to the nearest whole numbers.**

**Question 26a. Professional Staff.** Since the criteria for determining professional status vary among libraries, there is no attempt to define the term “professional.” Each library should report those staff members it considers professional, including, when appropriate, staff who are not librarians in the strict sense of the term, for example computer experts, systems analysts, or budget officers.

**Question 26b. Support Staff.** Report the total FTE (see instruction 26) of staff not included in 26a.

**Question 26c. Student Assistants.** Report the total FTE (see instruction Q26) of student assistants employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library’s, including federal work-study programs. Exclude maintenance and custodial staff.

**Question 27. Number of staffed library service points.** Count the number of staffed public service points in the main library and in all branch libraries reported in this inventory, including reference desks, information desks, circulation, current periodicals, reserve rooms, reprographic services (if staffed as a public facility), etc. Report the number of designated locations, not the number of staff.

**Question 28. Number of weekly public service hours.** Report an unduplicated count of the total public service hours per typical full-service week (i.e., no holidays or other special accommodations) across both main library and branches using the following method (corresponds to IPEDS): If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it should report 40 hours per week. If several of its branches are also open during these hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 p.m. to 9:00 p.m., the total hours during which users can find service somewhere within the system becomes 42 hours per week. If Branch B is open the same hours on the same evening, the count is still 42, but if Branch B is open two hours on another evening, or remains open two hours later, the total is then 44 hours per week. **Exclude 24-hour unstaffed reserve or similar reading rooms.** The maximum total is 168 (i.e., a staffed reading room open 7 days per week, 24 hours per day).

**Questions 29–30. Instruction.** Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 29 and 30. Please indicate if responses are based on sampling.

**Question 29. Presentations to Groups.** Report the total number of sessions during the year of presentations made as part of formal bibliographic instruction programs and through other planned class presentations, orientation sessions, and tours. If the library sponsors multi-session or credit courses that meet several times over the course of a semester, each session should be counted. Presentations to groups may be for either bibliographic instruction, cultural, recreational, or educational purposes. Presentations both on and off the premises should be included as long as they are sponsored by the library. Do not include meetings sponsored by other groups using library meeting rooms. Do not include training for library staff; the purpose of this question is to capture information about the services the library provides for its clientele. Please indicate if the figure is based on sampling.

**Question 30. Participants in Group Presentations.** Report the total number of participants in the presentations reported on line 29. For multi-session classes with a constant enrollment, count each person only once. Personal, one-to-one



instruction in the use of sources should be counted as reference transactions on line 31. Please indicate if the figure is based on sampling. Use a footnote to describe any special situations.

**Question 31. Reference Transactions.** Report the total number of reference transactions. A **reference transaction** is

*an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff. The term includes information and referral service. Information sources include (a) printed and nonprinted material; (b) machine-readable databases (including computer-assisted instruction); (c) the library's own catalogs and other holdings records; (d) other libraries and institutions through communication or referral; and (e) persons both inside and outside the library. When a staff member uses information gained from previous use of information sources to answer a question, the transaction is reported as a reference transaction even if the source is not consulted again.*

If a contact includes both reference and directional services, it should be reported as one reference transaction. Include virtual reference transactions (e.g., e-mail, WWW form, chat). Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 31. Please indicate if the figure is based on sampling.

**EXCLUDE SIMPLE DIRECTIONAL QUESTIONS.** A directional transaction is an information contact that facilitates the logistical use of the library and that does not involve the knowledge, use, recommendations, interpretation, or instruction in the use of any information sources other than those that describe the library, such as schedules, floor plans, and handbooks.

**Questions 32-33. Circulation.** For Question 32, count the number of initial circulations during the fiscal year from the general collection for use usually (although not always) outside the library. Do not count renewals. Include circulations to and from remote storage facilities for library users (i.e., do not include transactions reflecting transfers or stages of technical processing). Count the total number of items lent, not the number of borrowers.

For Question 33, report total circulation for the fiscal year including initial transactions reported on line 32 and renewal transactions. Exclude reserve circulations; these are no longer reported.

**Questions 34-35. Interlibrary Loans.** Report the number of requests for material (both returnables and non-returnables) provided to other libraries on line 34 and the number of filled requests received from other libraries or providers on line 35. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Include patron-initiated transactions. Exclude requests for materials locally owned and available on the shelves or electronically. Do not include transactions between libraries covered by this questionnaire.

**Questions 36. Ph.D. Degrees.** Report the number awarded during the 2006-07 fiscal year. Please note that only the number of Ph.D. degrees are to be counted. Statistics on all other advanced degrees (e.g., D.Ed., D.P.A., M.D., J.D.) should not be reported in this survey. If you are unable to provide a figure for Ph.D.s only, please add a footnote.

**Question 37. Ph.D. Fields.** For the purposes of this report, Ph.D. fields are defined as the specific discipline specialties enumerated in the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) "Completions" Survey. Although the IPEDS form requests figures for all doctoral degrees, only fields in which Ph.D.s are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted.

**Question 38. Instructional Faculty.** Instructional faculty are defined by the U.S. Dept. of Education as

*members of the instruction/research staff who are employed full-time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave.*

Full-time counts generally exclude faculty who are employed to teach fewer than two semesters, three quarters, two trimesters, or two four-month sessions; replacements for faculty on sabbatical leave or leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses. Please be sure the number reported, and the basis for counting, are consistent with those for 2005-06 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

**Questions 39–42. Enrollment.** U.S. libraries should use the Fall 2006 enrollment figures reported to the Department of Education on the Integrated Postsecondary Education Data System survey. Please check these figures against the enrollment figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category “graduate students” as reported here includes all post-baccalaureate students.

## FOOTNOTES

Please consult the data entry Web interface ([www.arlstatistics.org](http://www.arlstatistics.org)) for a copy of last year’s footnotes. These can be found under “Historical Data” by clicking a survey’s arrow icon under the “View Summary” column and then selecting the “Footnotes” tab. 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 and exclusion of branch campus libraries (see the “General Instructions” for definition of branch campus libraries). 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, 2008.**

For assistance, please e-mail Martha Kyrillidou ([martha@arl.org](mailto:martha@arl.org)) or Mark Young ([stats-ra@arl.org](mailto:stats-ra@arl.org))  
Tel. (202) 296-2296.

**ARL STATISTICS 2006–2007**  
**WORKSHEET**

This worksheet is designed to help you plan your submission for the 2006-07 *ARL Statistics*. The figures on this worksheet should be similar to those in the "Summary" page of your web form, except in cases where data are unavailable. 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 \_\_\_\_\_  
E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_  
Contact person (if different) \_\_\_\_\_  
Title \_\_\_\_\_  
E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_

**PAGE ONE – VOLUMES**

**1. Volumes held June 30, 2007 (1a + 1b)** (1) \_\_\_\_\_

1a. Volumes held June 30, 2006 (1a) \_\_\_\_\_

1b. Volumes added during the year (1b.i – 1b.ii) (1b) \_\_\_\_\_

(i) Volumes added – Gross (1b.i) \_\_\_\_\_

(ii) Volumes withdrawn during year (1b.ii) \_\_\_\_\_

**2. Number of monographic volumes purchased** (2) \_\_\_\_\_

**3. Basis of volume count is:** (3) \_\_\_\_\_ Physical  
\_\_\_\_\_ Bibliographic

PAGE TWO – OTHER COLLECTIONS

**SERIALS**

**4. Total number of serial titles currently received, including periodicals (4.a + 4.b)**

(4) \_\_\_\_\_

4a. Number of serial titles currently purchased (4a) \_\_\_\_\_

4a.i Electronic (4a.i) \_\_\_\_\_

4a.ii Print (and other format) serials purchased (4a.ii) \_\_\_\_\_

4b. Number of serial titles currently received but not purchased (4b) \_\_\_\_\_

4b.i Electronic (4b.i) \_\_\_\_\_

4b.ii Print (and other format) serial received (4b.ii) \_\_\_\_\_

but not purchased

(Exchanges, gifts, deposits, etc. See instructions.)

**5. Government documents are included in count of Current Serials?** (5) \_\_\_\_\_ Yes \_\_\_\_\_ No

**OTHER LIBRARY MATERIALS**

**6. Microform units** (6) \_\_\_\_\_

**7. Government documents not counted elsewhere** (7) \_\_\_\_\_

**8. Computer files** (8) \_\_\_\_\_

**9. Manuscripts and archives (linear ft.)** (9) \_\_\_\_\_

**AUDIOVISUAL MATERIALS**

**10. Cartographic** (10) \_\_\_\_\_

**11. Graphic** (11) \_\_\_\_\_

**12. Audio** (12) \_\_\_\_\_

**13. Film and Video** (13) \_\_\_\_\_

**PAGE THREE – EXPENDITURES**

- 14. Are the below figures reported in Canadian dollars?** (14) ☐ Yes ☐ No
- 15. Total Library Materials Expenditures** (15a + 15b + 15c + 15d) (15) \_\_\_\_\_
- 15a. Monographs (15a) \_\_\_\_\_
- 15b. Serial titles, including periodicals (15b) \_\_\_\_\_
- 15c. Other Library Materials (15c) \_\_\_\_\_
- 15d. Miscellaneous (15d) \_\_\_\_\_
- 16. Contract binding** (16) \_\_\_\_\_
- 17. Total Salaries and Wages** (17a + 17b + 17c) (17) \_\_\_\_\_
- 17a. Professional staff (17a) \_\_\_\_\_
- 17b. Support staff (17b) \_\_\_\_\_
- 17c. Student assistants (17c) \_\_\_\_\_
- 18. Fringe benefits are included in expenditures for salaries and wages?** (18) ☐ Yes ☐ No
- 19. Other operating expenditures** (19) \_\_\_\_\_
- 20. Total library expenditures** (15 + 16 + 17 + 19) (20) \_\_\_\_\_

**ELECTRONIC MATERIALS EXPENDITURES**

- 21. One-time electronic resource purchases** (21) \_\_\_\_\_
- 22. Ongoing electronic resource purchases (e.g., subscriptions, annual license fees)** (22) \_\_\_\_\_
- 23. Bibliographic Utilities, Networks, and Consortia**
- 23a. From internal library sources (23a) \_\_\_\_\_
- 23b. From external sources (23b) \_\_\_\_\_
- 24. Computer hardware and software** (24) \_\_\_\_\_
- 25. Document Delivery/Interlibrary Loan** (25) \_\_\_\_\_

**PAGE FOUR – PERSONNEL AND PUBLIC SERVICES**

**PERSONNEL** (Round figures to nearest whole number.)

**26. Total Staff FTE** (26a + 26b + 26c) (26) \_\_\_\_\_

26a. Professional staff, FTE (26a) \_\_\_\_\_

26b. Support staff, FTE (26b) \_\_\_\_\_

26c. Student assistants, FTE (26c) \_\_\_\_\_

**STAFFED SERVICE POINTS AND HOURS**

**27. Number of staffed library service points** (27) \_\_\_\_\_

**28. Number of weekly public service hours** (28) \_\_\_\_\_

**INSTRUCTION**

**29. Number of library presentations to groups** (29) \_\_\_\_\_

29a. Is the library presentations figure based on sampling? (29a) \_\_\_\_\_ Yes \_\_\_\_\_ No

**30. Number of total participants in group presentations reported in line 29**  
(30) \_\_\_\_\_

30a. Is the total participants in group presentations figure based on sampling? (30a) \_\_\_\_\_ Yes \_\_\_\_\_ No

**REFERENCE**

**31. Number of reference transactions** (31) \_\_\_\_\_

31a. Is the reference transactions figure based on sampling? (31a) \_\_\_\_\_ Yes \_\_\_\_\_ No

**CIRCULATION**

**32. Number of initial circulations** (excluding reserves) (32) \_\_\_\_\_

**33. Total circulations** (initial and renewals, excluding reserves) (33) \_\_\_\_\_

**INTERLIBRARY LOANS**

**34. Total number of filled requests provided to other libraries** (34) \_\_\_\_\_

**35. Total number of filled requests received from other libraries or providers** (35) \_\_\_\_\_

**Ph.D. DEGREES AND FACULTY**

**36. Number of Ph.D.s awarded in FY2006-07** (36) \_\_\_\_\_

**37. Number of fields in which Ph.D.s can be awarded** (37) \_\_\_\_\_

**38. Number of full-time instructional faculty in FY2006-07** (38) \_\_\_\_\_

**ENROLLMENT – FALL 2006**

*(Line numbers refer to IPEDS survey form.)*

**39. Full-time students, undergraduate and graduate** (39) \_\_\_\_\_  
*(Add line 8, columns 15 & 16, and line 14, columns 15 & 16.)*

**40. Part-time students, undergraduate and graduate** (40) \_\_\_\_\_  
*(Add line 22, columns 15 & 16, and line 28, columns 15 & 16.)*

**41. Full-time graduate students** *(Line 14, columns 15 & 16.)* (41) \_\_\_\_\_

**42. Part-time graduate students** *(Line 28, columns 15 & 16.)* (42) \_\_\_\_\_

**FOOTNOTES**

On the web form, you will be able to add 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. Please use the footnotes in the *ARL Statistics 2005–2006* for comparison if necessary. Please consult the data entry Web interface ([www.arlstatistics.org](http://www.arlstatistics.org)) for a copy of last year’s footnotes. These can be found under “Historical Data” by clicking a

survey's arrow icon under the "View Summary" column and then selecting the "Footnotes" tab. 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, 2008**.

For assistance, please e-mail Martha Kyrillidou ([martha@arl.org](mailto:martha@arl.org)) or Mark Young ([stats-ra@arl.org](mailto:stats-ra@arl.org))  
Tel. (202) 296-2296.



## FOOTNOTES TO THE ARL STATISTICS, 2006-07

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. Unless otherwise stated all figures are as of 06/30/2007.

| QUESTION<br>NUMBER   | FOOTNOTE  |
|----------------------|---|
| <b>ALABAMA</b>       |   |
|                      | All figures are as of 09/30/2007.   |
| 1a                   | Volumes held June 30, 2006 revised to 2,796,931 (229,953 e books were not added to historic volume count in 2005-2006).   |
| 2                    | 2,424 e books included in monographic volumes purchased.  |
| 4                    | Number increased significantly from 2005 06 due to new definitions. De duplicated using ISSNs. For the paid electronic de duplicated number, there were 12,253 without ISSNs. For the free electronic de duplicated number, there were 7,816 without ISSNs. For the paid print number, there were 1,289 without ISSNs.  |
| 15d                  | Includes Center for Research Libraries membership.  |
| 19                   | Includes bibliographic utilities, memberships (except CRL), and literature searching.   |
| <b>ALBERTA</b>       |   |
|                      | All figures are as of 03/31/2007.   |
|                      | Includes the Law and Health Sciences Library.   |
| 1                    | Includes e-book titles held as of March 31, 2007.   |
| 1a                   | Volumes held June 30, 2006 revised to 6,463,820. Includes 47,566 volumes missing from 2005 06.  |
| 1b                   | Includes volumes added in 2005-06 that were missed in the 2005-06 survey.   |
| 2                    | Past figures were inaccurately reported. Precise number of monographs purchased from 2000 01 onward is unavailable; all monographs purchased are included in gross volumes added.   |
| 15-25                | Expenditures as reported in Canadian dollars: (15a) \$7,567,274; (15b) \$10,084,885; (15c) 0; (15d) \$838,545; (15) \$18,490,704; (16) \$104,009; (17a) \$6,635,702; (17b) \$10,131,592; (17c) \$927,589; (17) \$17,694,883; (19) \$3,880,551; (20) \$40,170,147; (21) \$1,728,250; (22) \$7,631,975; (23a) NA/UA; (23b) NA/UA; (24) NA/UA; (25) NA/UA.   |
| 15c                  | Cannot be disaggregated from monograph expenditures (15a) and serial expenditures (15b).  |
| 33                   | Includes journal loans and excludes reserves.   |
| 36                   | This figure can vary from year to year.   |
| <b>ARIZONA</b>       |   |
|                      | Includes the Science, Engineering and Fine Arts libraries.  |
| 1a                   | Volumes held June 30, 2006 revised to 5,666,913. The base volume count for 6/30/2006 was increased by 133,431 due to the purchase of several large electronic collections.  |
| <b>ARIZONA STATE</b> |   |
|                      | Includes Polytechnic Campus, Fletcher Library, Downtown Phoenix Campus, and the University Libraries including: Architecture & Environmental Design Library, Hayden Humanities & Social Science Library, Music Library, Noble Science & Engineering Library and the Law Library.  |
| 1a                   | Volumes held June 30, 2006 revised to 4,259,210. Increased by 4,491 due to e book MARC record load of additional ebrary titles.   |
| 2                    | E book products with 7,326 titles counted include: Chao Xing Shu Zi Tu Shu Guan (Superstar Digital Library), 1,383 titles; Classical Scores Library, 811 titles; Gale Virtual Reference Library, 254 titles; Knovel, 1,110 titles; Routledge Religion Resource, 30 titles; Safari Tech Books Online, 610 titles; Sage E Reference, 63 titles; Springer E books Collection, 2,127 titles; Stat!Ref Electronic Medical Library, 51 titles; Teatro Espanol del Siglo de Oro, 848 titles. Miscellaneous individual CD ROMs and Internet e books: 39 titles. |
| 4                    | Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .   |
| 4ai                  | For electronic purchased titles, 2006-07 totals (65,586 titles) includes 31,525 Law Library titles from three database packages each counted as only one subscription in previous years: Westlaw 20,617; Lexis.com 10,803, Gale LegalTrac 105 titles. Titles were provided by Serials Solutions, then de-duped by ISSN and unique title.  |

| QUESTION<br>NUMBER      | FOOTNOTE  |
|-------------------------|---|
| 15d                     | \$205,247 for Tempe and Downtown Campuses includes: Conservation/Preservation, \$14,436; ILL/Document Delivery, \$39,891; Memberships for purposes of publications, \$113,191; uncataloged library staff office book, \$114; Downtown Phoenix Campus Opening Day Processing charges, \$37,615.  |
| <b>AUBURN</b>           |   |
|                         | All figures are as of 09/30/2007.   |
|                         | Includes the Library of Architecture, Design and Construction, and the Cary Veterinary Medical Library.   |
| 4                       | While this data appears to show a significant increase for Auburn, our 2005 06 data was inadvertently under reported for serial titles. The data for the current year is similar to data reported for 2004 05 and for previous years. The greatest discrepancy is for 4b (serials titles received but not purchased). Auburn reported 18,563 for this category in 2004-2005, but only 8,622 in 2005-2006. Approximately 46% of the serials had ISSNs.   |
| 12                      | Increase this year is due to the addition of over 104,000 titles in the Naxos Music Library.  |
| 22                      | Increase in electronic purchases reflects the number of journals moved from paper subscriptions to online only subscriptions.   |
| 28                      | The main library has been operating on a 24 x 5 schedule during this year, which accounts for the increased hours.  |
| <b>BOSTON</b>           |   |
|                         | Includes Mugar Library, Theology Library, Gotlieb Archival Library, and the Health Science and Law Libraries. The Alumni Medical library is reported with the Health Science Library.   |
| 1a                      | Volumes held June 30, 2006 revised to 2,449,557.  |
| 9                       | Mugar is excluded from this number. It does include Theology and Gotlieb Archival.  |
| 38                      | The number of faculty denotes all full time faculty not just full time instructional faculty.   |
| <b>BOSTON COLLEGE</b>   |   |
|                         | All figures are as of 05/30/2007.   |
|                         | Includes the John J. Burns Library of Rare Books and Special Collections, Bapst Library, School of Social Work Library, and Educational Resource Center.  |
| 1a                      | Volumes held June 30, 2006 revised to 2,413,534. We recalculated the volumes held to include the new definition of e books.   |
| 2                       | We purchased 1,689 e books that fit the NetLibrary Model: #1 Blackwell Reference Online with 277 titles, #2 PsycBooks with 1,400 titles, #3 Business Plans Handbook with 11 titles, and #4 Encyclopaedia of Judaica with 1 title.   |
| 4-4a                    | Number reflects elimination of duplication as per instructions.   |
| 4b                      | Number reflects more accurate count.  |
| 15a                     | Our monograph expenditures include \$6,392 for e monographs that don't meet the ARL definition of e monograph but that are not counted elsewhere. Expenditures for e monographs do not include access fees.   |
| 15d                     | Enhanced accounting allowed us this year to accurately account for miscellaneous expenditures.  |
| 2 23a                   | Lower expenditures for 2006-07 reflects contracting directly with OCLC via our local consortium.  |
| <b>BRIGHAM YOUNG</b>    |   |
|                         | All figures are as of 12/31/2006.   |
| 4                       | This figure does not include non ISSN print titles that could not be easily resolved as to whether they fit the serial titles definition description in the instructions. The serials totals reported here were estimated from counts determined at the end of 2007 and will be reported in the next ARL Statistics Survey.   |
| 4ai                     | Electronic serials figures taken primarily from de-duped list with or without ISSN from SFX.  |
| <b>BRITISH COLUMBIA</b> |   |
|                         | All figures are as of 03/31/2007.   |
|                         | Includes the Applied Sciences, Archaeology, Architecture, Asian, Biomedical Branch, Bnai Brith, Botanical Gardens, Coolie Verner, Crane, David Lam Management, Education, Fine Arts, First Nations House of Learning (Xwi7xwa), Geographic IC, Hamber, ICICS/Computer Science, Irving K. Barber Learning Centre, Koerner, Law, LERC, MacMillan, Math, Museum of Anthropology, Music, Okanagan, Psychiatry, Psychoed R&T Centre, Rare Books & Special Collections, Regent Carey College, Robson Square, Science & Engineering, St. Mark's College, St. Paul's Hospital, TAG, TRIUMF, University Archives, Vancouver School of Theology, Visual Resources Centre, Womens' Resources Centre, Women's' Studies, Woodward libraries. |
|                         | UBCO Campus: figures are included for a full 12 month period for the first time (note: 2005 06 figures were included for a partial year of operation only). Some unusual changes in the figures reflect the growth in resources and staffing at this rapidly growing campus.  |
| 1b                      | Fewer additions due to fewer e-books in the catalogue than 2006.  |

| QUESTION<br>NUMBER | FOOTNOTE   |
|--------------------|--|
| 4-4a               | New methodology: serials title count.  |
| 4aii               | We probably undercounted print/microforms.   |
| 4bii               | New methodology applied as much as possible: unique serial titles.   |
| 8                  | Decrease in CD-ROMs DVD-ROMs.  |
| 15a                | Increase in expenditure allocation for monographs; full year of UBCO collections budget. Increase in value of Canadian Dollar; expenditures increase does not match volume increase because volumes/e-books are not yet in catalogue.  |
| 15-25              | Expenditures as reported in Canadian dollars: (15a) \$3,650,502; (15b) \$12,061,971; (15c) \$817,186; (15d) \$418,256; (15) \$16,947,915; (16) \$201,672; (17a) \$8,531,577; (17b) \$7,199,592; (17c) \$773,588; (17) \$16,504,757; (19) \$3,556,528; (20) \$37,210,872; (21) \$132,366; (22) \$7,824,961; (23a) \$380,284; (23b) \$0; (24) \$295,812; (25) \$166,901. |
| 17a                | Increase due to significant signing bonus for all staff; full year of UBCO staffing.   |
| 17b                | Percentage decrease does not match percentage decrease in FTE because of significant increase in salary for all staff (signing bonus plus percentage increase.   |
| 17c                | Decrease due to fewer student assistants employed and Learning Commons being under construction (IKBLC).   |
| 20                 | Increase due to full year of operations at UBCO and salary increases for all staff, including signing bonus (over \$2,500 per employee).   |
| 23a                | Increase in catalogue support due to shelf ready program with 3 main vendors (\$291,300).  |
| 24                 | Includes Serials Solutions, Nesstar, Ex Libris, Endeavor, hardware.  |
| 26a                | UBCO: full year of operations.   |
| 26b                | Decrease due to continuation of shift in staff numbers from CUPE employee group to management/professional employee group.   |

#### **BROWN**

Includes: Rockefeller Library, Sciences Library, John Hay Library, Orwig Music Library, Art Slide Library, Library Collections Annex, and John Carter Brown Library.

Medical library statistics cannot be disaggregated from the main because the medical collection is an integral part of the Sciences Library.

- |     |   |
|-----|---|
| 1a  | Volumes held June 30, 2006 revised to 3,647,977. Figure reflects the addition of batch loads for 79,033 e-books.  |
| 2   | Figure includes 17,098 e-books.   |
| 15c | Beginning with 2006-07, better data available to differentiate expenditures for other materials (previously included in monograph expenditures by default). |
| 29  | 2006 07 change in campus wide orientation program reduced the number of Library tours, etc.   |

#### **CALIFORNIA, BERKELEY**

- |          |   |
|----------|---|
| 1a       | Volumes held June 30, 2006 revised to 10,537,586. The substantial one time increase to this line largely reflects the first time inclusion in our ARL count of cataloged electronic books owned or leased by UC Berkeley. The bulk of this number reflects 360,572 e-book volumes purchased collectively with University of California partner libraries (Acta Sanctorum, Literature Online, Oxford Scholarship Online, Early English books Online, Eighteenth Century Collections Online, Safari Tech Books, Schillers Werke). Additionally, the Berkeley campus has independently acquired 73,857 e-book volumes (netLibrary selections, World Bank E Library, Humanities/History E Books Project, Oxford Scholarship Online Special Subjects, Congressional Hearings Retrospective A). |
| 3        | We used a combination of both physical and bibliographic counts to respond to this question. The source of our information for supplying volume counts has historically been a physical count created by aggregating annual incremental reports by library unit managers. However, this year e-books were added to the question, and we used a bibliographic count for these. Counts for e-books acquired through collective purchase are generated by our system wide cataloging division. Counts for e-books acquired through independent campus level purchase are derived from our local inventory managed by the Electronic Resources Librarian through an Electronic Resource Finder or ERF.  |
| 4ai-4bii | This represents a dramatic drop in the equivalent question for 2005 06 based on the new definition that counts only 'titles' and requires de duplication efforts. Our method for generating a total number for serials relies upon a review of our OPAC. We were able to de-duplicate holdings for multiple print titles, and holdings in which we had both an open holding statement for electronic and print. We are unable to distinguish paid for and free active titles with our current method of generating the data so we entered the totals in 4a and 4b and left 4b entries U/A.  |

#### **CALIFORNIA, DAVIS**

Includes the Peter J. Shields Library and the Physical Sciences and Engineering Library.

| QUESTION<br>NUMBER                   | FOOTNOTE  |
|--------------------------------------|---|
| 4                                    | Change due to evolving ARL counting methodology.  |
| 17c                                  | Increased expenditures attributable to special projects, staff absences, increase in minimum wage.  |
| 42                                   | Not considered abnormal growth in part time student population.   |
| <b>CALIFORNIA, IRVINE</b>            |   |
| 1a                                   | Volumes held June 30, 2006 revised to 2,714,794. Includes 109,791 e books that were added in 2006 07.   |
| 1b                                   | Excludes 109,791 e books that were added in 2006 07.  |
| <b>CALIFORNIA, LOS ANGELES</b>       |   |
| 21-25                                | Figures represent the entire library system.  |
| 28                                   | For 2005-06, the weekly hours should have been 97.  |
| <b>CALIFORNIA, RIVERSIDE</b>         |   |
|                                      | Includes the Science Library, Media Library, Music Library, and Palm Desert Graduate Center.  |
| 4                                    | Increase from 2005-06 due to the following factors: the addition of new shared electronic titles, better reporting methods, and comprehensively entering into our serials holdings for the first time serial titles received and not purchased.   |
| <b>CALIFORNIA, SAN DIEGO</b>         |   |
|                                      | Includes: the Arts Libraries, the Center for Library & Computing Services, the International Relations & Pacific Studies Library, the Mandeville Special Collections Library, the Science and Engineering Library, the Scripps Institution of Oceanography Library, the Social Sciences & Humanities Library. |
|                                      | E book figures are not divided into General and Health Sciences but are all reported on the General Survey.   |
| 1a                                   | Volumes held June 30, 2006 revised to 3,279,739. Revised to include 142,804 e-books not included in 2005 06 volume count.   |
| 1b                                   | Includes e-books which were not previously included in 2005-06 volume count.  |
| 1bi                                  | Includes 66,255 e-books added during year 2006 07. E-books not included in the 2005-06 volumes added figure.  |
| 1bii                                 | Includes 19,245 e-books withdrawn in 2006 07. E-books not included in 2005-06 withdrawn count.  |
| 4                                    | Totals here represent only "unique" titles completely de-duped across both formats and purchase type and also de-duped between the General and Health Sciences libraries (reported on separate ARL worksheets, but only de-duped amounts are being reported for each).  |
| 4aii                                 | Includes monographic series if series title is received in standing order.  |
| 15b                                  | Includes monographic series received on standing order.   |
| 15c                                  | Includes backfiles and non continuing serials. Expenditure amounts for maps and audiovisual materials included in (15a) and (15b).  |
| 23b                                  | This figure is a prorated estimate: Percentage of the total library expenditure (15b. for both the main and Health Sciences) multiplied by CDL support figure.  |
| 28                                   | 111 hours during a typical week extends to 168 hours during finals week each quarter when we do have a staffed library open 24/7.   |
| 31                                   | Includes 2,153 virtual reference transactions.  |
| <b>CASE WESTERN RESERVE</b>          |   |
|                                      | Includes the Harris Library, and the Mandel School of Applied Social Sciences Library.  |
| 2                                    | Includes 118,500 titles from Early English Books Online (EEBO).   |
| 15d                                  | Miscellaneous expenditures include memberships: CNI (2 years); ICPSR; OhioLINK; SPARC; ARL; CLIR; Theses microfilming.  |
| <b>CENTER FOR RESEARCH LIBRARIES</b> |   |
| 1b                                   | The numbers of hardcopy deposits vary from year to year. Additionally as more institutions go to electronic dissertations, the number of hardcopy dissertation volumes added to the collection decreases.   |
| <b>CHICAGO</b>                       |   |
| 1                                    | Includes 332,147 electronic monographs.   |
| 2                                    | Includes 29,583 electronic monographs: 9,017 Springer e books, 17,000 Arab Israeli Relations, 450 Testaments to the Holocaust.  |
| 4                                    | Reflects changes in ARL definitions, for example current serials received as part of aggregated databases which were not included here in previous years.   |
| 8-13                                 | Excludes unprocessed and partially processed items.   |
| 15a,<br>15b                          | Reflects a decrease in purchase of electronic backsets.   |

| QUESTION<br>NUMBER  | FOOTNOTE   |
|---|--|
| 23a   | Includes standard ongoing operating costs only.  |
| 23b   | Estimated.   |
| 35  | Includes 458 requests filled by the Center for Research Libraries.   |
| <b>CINCINNATI</b>   |  |
|   | Includes the Main, Medical and Law libraries.  |
|   | Excludes the Raymond Walters College and Clermont College libraries.   |
| 1a  | Volumes held June 30, 2006 revised to 3,338,153. Adjusted for retro cataloging of government docs (287 net) and for batch loads of large e book collection records (128,699).  |
| 3   | Historically based on bibliographic count. Additions and deletions are based on a physical count.  |
| 4   | Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .  |
| 26a-26b   | Smaller number due to budget reductions and layoffs.   |
| 36-38   | These numbers represent the university's numbers.  |
| 39-42   | Incorrect numbers for the institution were provided in 2005-2006, when Institutional Research gave numbers including our two two year colleges. They are excluded here.  |
| <b>CANADA INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION</b> |  |
|   | All figures are as of 03/31/2007.  |
| 8   | Starting in 2006 07, the count only includes items held locally.   |
| 15-25   | Expenditures as reported in Canadian dollars: (15a) \$575,724; (15b) \$10,760,515; (15c) \$395,978; (15d) \$92,183; (15) \$11,824,400; (16) NA/UA; (17a) NA/UA; (17b) NA/UA; (17c) NA/UA; (17) \$20,609,000; (19) \$17,623,600; (20) \$50,057,000; (21) \$395,978; (22) \$1,688,974; (23a) NA/UA; (23b) NA/UA; (24) \$3,494,112; (25) NA/UA.   |
| <b>COLORADO</b>   |  |
|   | Excludes the Law Library.  |
| 1a  | Volumes held June 30, 2006 revised to 3,756,967. This number includes 115,871 ECCO e books that were batch loaded in 2006 07.  |
| 4   | The large increase in serial count is due to the new ARL instructions/method for counting serials and better access to more accurate numbers through Serials Solutions.  |
| 4bi   | Of this number, 12,658 are government-published serials, which are a mix of electronic and print, but we have no easy way of separating out the counts.  |
| 7   | Decrease due to the Government Publications Department retro cataloging some of these items, which are now being counted in with the volume count.   |
| 11  | Number rose dramatically due to the Archives Department acquiring a large collection of photos/negatives/slides during the 2006-07 fiscal year   |
| 15d   | Miscellaneous Expenditures: electronic archiving \$8,158., preservation (not incl. binding) \$2,607.09; GPO shelflist service \$4,759.55; III services \$106,280; interlibrary loan \$21,043.42, MARC record batches \$15,600; memberships \$144,146 (Alliance 88,566; CRL pd 07/08; GWLA 8,100+3,200; ARL 21,580 + SPARC 5,200; ICPRS 15,000; Heritage gateway 2,500); BCR \$206,456; OPAC enhancements \$19,350; projects \$98,596.06; storage (Boulder) \$18,360, RLIN \$999.53; Prospector \$4,500; shelf ready processing \$1,385.90. |
| 16  | Count includes enclosures and other items purchased through the binding vendor, so this amount is different than one submitted for the Preservation Department's statistics.   |
| 23a   | All of these types of expenditure come out of our materials budget, so are not part of "other operating expenditures."   |
| 27  | Lower count reflects recent consolidation of service points. This count will be reduced even further for 2007-08.  |
| 31  | Reference transactions are bit lower due to closure and move of business library during construction.  |
| <b>COLORADO STATE</b>   |  |
| 1a  | Volumes held June 30, 2006 revised to 2,003,690. Volumes held previously were adjusted due to a change in inventory reporting methodology.   |
| 1b  | Total number of withdrawals decreased. Additional acquisitions in Liberal Arts areas. Some volumes (Government Docs) are included in the count received in previous years (unable to identify specific items).   |
| 9   | Due to an increased outreach from the temporary University Archivist, a larger number of University archival collections have been sent to the library from across campus. There were also additional materials related to the University agricultural archives.   |
| 15c   | Additional backfiles had been purchased with remaining floor recovery files during 2005-06.  |
| 16  | Items requiring binding have decreased.  |

| QUESTION<br>NUMBER | FOOTNOTE   |
|--------------------|--|
| 26b                | During 2005-06, Colorado State Libraries were in a state of reorganization. Filling of open positions was not determined until reorganization was complete.  |
| 42                 | Reporting methodology change at University, numbers reported in 2005-06 were related to a census date, not IPEDs as specified.   |
| <b>COLUMBIA</b>    |  |
|                    | Butler data includes The Columbia Center for New Media Teaching and Learning (CCNMTL) and the Center for Digital Research and Scholarship (CDRS).  |
| 1                  | 9,196 e books added during 2006-07; June 30, 2007 total includes 329,958 e books. Includes 40,500 e books (Teachers College).  |
| 1a                 | Volumes held June 30, 2006 revised to 9,798,389. Restated to include 320,762 e books (Butler). Adjusted from 2005-06 to include 504 e books (Teachers College).  |
| 2                  | Includes 9,196 e books (Butler).   |
| 4-4a               | Included in Butler number (Barnard).   |
| 4ai                | Titles unique to Teachers College; other titles overlap with (and are counted in) Butler Library stats.  |
| 4b                 | All Teachers College free serial titles overlap with (and are counted in) Butler Library stats.  |
| 15d                | Includes costs associated with maintenance of collection (e.g., shipping, supplies, relocation, memberships).  |
| 21                 | Included in 22 (Teachers College).   |
| 25                 | ILL for Barnard handed through Butler office.  |
| 28                 | Barnard's service hours are included in Butler count (92 for Barnard only, 107 total for Columbia). Teachers College service hours included in Butler count (99 for Teachers College only, 107 total for Columbia).  |
| <b>CONNECTICUT</b> |  |
|                    | Includes the Homer Babbidge Library, the Music & Dramatic Arts Library, the Thomas J Dodd Research Center and the Pharmacy Library on the Storrs campus. It also includes the regional campus libraries located at Avery Point, Stamford (Jeremy Richards Library), Torrington (Julia Brooker Thompson Library), Waterbury, and Hartford (Harleigh B. Trecker Library).    |
| 1a                 | Volumes held June 30, 2006 revised to 3,629,577.   |
| 1b                 | Significant weeding projects at 2 locations contributed to a 29,497 volumes being withdrawn in 2006-07.  |
| 2                  | Of this figure, 5,917 are new e book purchases in 2006-07. UConn pays some amount for annual licensing and/or maintenance for a total of 333,664 e books. The overall reduction in the number of monographs purchased from 2005-06 reflects an intentional reduction in purchasing print resources, in favor of electronic.  |
| 4-4a               | This number is lower than in 2005-06 because of de-duplication.  |
| 4b                 | This number is significantly higher than in 2005-06 because of an affirmative effort to include open access materials in our catalog and holdings.   |
| 6                  | 111,617 microforms were withdrawn in 2006-07.  |
| 8                  | In 2006-07 we made minor withdrawals of computer files (11).   |
| 11                 | In 2006-07 we made minor withdrawals of graphic materials (35).  |
| 17-18              | Includes fringe benefits.  |
| 23a                | In 2006-07 we changed our vendor of bibliographic utilities from NELINET to BLC/OCLC, significantly reducing our costs. Because of the switch over, we were only billed for 11 months of service for the year. During the same time, we received over \$22,000 in credits for the withdrawal of microform records from our collections.                                    |
| 31a                | 13,732 reference transactions were determined by actual transactions at some locations. 25,168 transactions were determined by sampling at the remaining locations.  |
| <b>CORNELL</b>     |  |
|                    | Includes the Adelson, Africana, Annex, Engineering, Entomology, Fine Arts, Hotel, Industrial & Labor Relations, Kroch (Asia Collections), Kroch (Rare & Mss. Collections), Law, Management, Mann, Mathematics, Music, Olin, Physical Sciences, Uris, and Veterinary Libraries on the Ithaca campus, and the New York Agricultural Experiment Station Library in Geneva NY. |
|                    | Excludes the Medical College Library in New York, NY.  |
| 1a                 | Volumes held June 30, 2006 revised to 7,881,668. Change from ending figure for 2005-06 reflects the fact that additional e books were counted. Includes all e books with records in the online catalog. E book counts as of 10/2007.   |
| 3                  | Law Library's counts are bibliographic.  |
| 4                  | Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .  |
| 9                  | Figure is in cubic feet.   |

| QUESTION<br>NUMBER | FOOTNOTE   |
|--------------------|--|
| 13                 | Video/DVD count includes an increase of 5,835 due to a more precise online count.  |
| 15                 | Increase in serial expenditures and decrease in “other” expenditures reflects in part the fact that more special format serial expenditures were included in serials expenditures. Expenditures for integrating resources were included in monographic expenditures.   |
| 15d                | Shipping costs only. Memberships for the purposes of publications not broken out.  |
| 17a                | For libraries other than Law, includes expenditures for librarians and archivists only. For Law, includes expenditures for librarians and “exempt” staff.  |
| 22                 | Includes an estimate for amount spent on electronic subscriptions for large publishers providing both print and electronic whose online payment records are coded as print only.   |
| 26                 | Does not include staff in positions that were temporarily vacant. Includes professional, support and student staff on grants and projects.   |
| 26a                | For libraries other than Law, includes librarians and archivists only. For Law, includes librarians and “exempt” staff.  |
| 28                 | Part of one library remains open between 2 and 8 a.m., Sunday Thursday, staffed by library paid security staff. (Adds 27.5 hours to this figure.) Study space and computer lab available.  |
| 29                 | Includes a few in office outreach/instruction sessions for individuals.  |
| 31                 | In 2006-07, CUL implemented a locally developed system, in which staff at all public services desks recorded their statistics during 12 sample weeks; this total was extrapolated from those data. Because this methodology is new, some inaccuracies or errors exist; the data quality will improve as the system and method mature.                                  |
| 32                 | Includes ILL and some staff transactions.  |
| 40,42              | Employee degree only.  |
| <b>DARTMOUTH</b>   |  |
|                    | Includes: Baker (including Cook collection), Feldberg, Kresge, Paddock, Rauner, Sherman and remote Storage collections; and Biomedical libraries (Dana and Matthews Fuller) which are reported in Biomedical survey.   |
| 1                  | Includes 182,049 e books; collections were named in 2005-06; this is for entire system, cannot split out BioMedical.   |
| 1bii               | Includes a net increase of 3,321 digital monographs. This figure is much lower than 2005-06 because all digital monographs were added to this number starting in 2005-06, so 2005-06 was an unusually high number.   |
| 2                  | This is an approximation; payment lines are used as proxy for volumes for mono series/MPIs.  |
| 4                  | Serials count has dropped in part because of new methodology with 2006-07; 2,631 duplicates were identified by means of ISSN.  |
| 4ai                | Includes 15,690 brief records in Serials Solutions that were deleted and (mostly) reloaded after July 1 multiple times; have no way to include in de-duping process, or to determine which might apply to BioMedical. It was difficult to change counting methodology long after end of fiscal year. Includes ceased titles. See also footnote under BioMedical 4.a.i. |
| 23a                | We continue to opt out of this question, feeling it is too poorly defined to provide a meaningful basis of comparison between libraries.   |
| 42                 | Part time enrollment in the graduate and professional schools fluctuates due to variations in applications and available slots in the programs.  |
| <b>DELAWARE</b>    |  |
| 2                  | E-books are included here in, but were not included in statistics reported in previous years.  |
| 8                  | High increase due to loading bibliographic records for electronic access to Early English Books Online, Eighteenth Century Collections online and Early American Imprints.   |
| 9                  | Excludes the University Archives which is not administered by the Library.   |
| 15c-15d            | Increase due to major acquisition of electronic content.   |
| 32                 | Library automated system does not differentiate between initial loans and renewals.  |
| <b>DUKE</b>        |  |
|                    | Includes the Main Library, Health Sciences Library and the Law Library. There are 8 branch libraries also included in the ARL Statistics: Biological and Environmental Sciences Library, Divinity School Library, Ford Library, Lilly Library, Marine Lab Library, Music Library, Special Collections Library, Vesic Library.  |
| 1a                 | Volumes held June 30, 2006 revised to 5,785,496. The change from 5,665,241 to 5,785,496 is the result of a one time download of e-book MARC records into the catalog of 120,255 monographic titles.  |
| 1b                 | Increase due to the Divinity School library withdrawing more books from its collection in 2006-07 and the Law Library reducing its collection to prepare for reduced shelving space in a renovated library.  |

| QUESTION<br>NUMBER   | FOOTNOTE   |
|----------------------|--|
| 4                    | Decrease due to new serial count methodology established by ARL.   |
| 15a                  | Large increase in monographic expenditures is the result of extensive additional funding for 2008 12 from the University Strategic Investment Plan (SIP) for acquiring electronic journal back files and retrospective electronic collections.   |
| 15c                  | Actual amount is higher. Retrieval by material format is not readily available from the integrated library system.   |
| 19                   | Decrease due to a decrease in other operating expenditures in 2006-07.   |
| 21                   | Large increase in monographic or one time expenditures is the result of extensive additional funding for 2008 12 from the University Strategic Investment Plan (SIP) for acquiring electronic journal back files and retrospective electronic collections.   |
| 23a                  | Included are expenditures for four bibliographic utilities: SOLINET cataloging services, GOBI Plus (YBP), YBP cataloging records for approval, and RLG Union Catalog. Increase over 2005-06 due to omission of SOLINET changes in previous years.  |
| 24                   | Increase due to a hardware refresh for most library staff and an increase of hardware purchases for patrons in public service areas.   |
| 25                   | In previous fiscal years SOLINET ILL / document delivery funding was omitted from this response.   |
| 27                   | Decrease due to the consolidation of the University Archives service point with the Special Collections Services point and the Chemistry Library being consolidated into the main library.   |
| 34-35                | Decreased due to a decrease in total requests filled in 2006-07.   |
| 40,42                | Decrease due to normal fluctuations in enrollment.   |
| <b>EMORY</b>         |  |
|                      | All figures are as of 08 / 31 / 2007.  |
|                      | Includes the Health Sciences Center, Hugh MacMillan (Law), Oxford College, and Pitts (Theology) libraries, as well as libraries at Grady Hospital and Medical School.  |
| 1a                   | Volumes held June 30, 2006 revised to 3,226,136.   |
| 1b                   | Reporting 136,530 e books. EBL = 310; Gale Virtual Reference Library=11; ECCO=136,209.   |
| 2                    | Includes 316 E-book Library platform and 145 Gale Virtual Reference Library platform titles. We are unable to provide volumes since multi volume sets (such as encyclopedias) get a single item record for e books. E books paid for on a subscription basis (such as Knovel) are not included here. The number of monographic volumes purchased was under reported for fiscal years 2005 06 and 2004 05 due to inability to count paid items lacking an order record in the system. |
| 4ai                  | This is a count of SFX titles only. Does not de dupe print and electronic subscriptions.   |
| 4aii                 | Of the 4,678 print serials purchased, a subset of 547 could not be de duped.   |
| 4bi                  | This is a count of SFX titles only. Does not de dupe free print and electronic subscriptions.  |
| 34                   | Increasing availability of electronic journals may have reduced need for use of ILL.   |
| <b>FLORIDA</b>       |  |
|                      | Includes all Gainesville, Florida campus libraries: Marston (Science), Architecture / Fine Arts, Journalism, Music, Education, Law, and Health Science Center. Also includes the Health Science library facility in Jacksonville, Florida.   |
| 1a                   | Volumes held June 30, 2006 revised to 4,177,122.   |
| 4ai                  | This number is reported by the Main library.   |
| 36-42                | Reported by Main library.  |
| <b>FLORIDA STATE</b> |  |
|                      | Includes the Robert Manning Strozier (Main) Library, Engineering Reading Room, Paul A.M. Dirac Science Library, College of Law Library, College of Medicine (Maguire Library), College of Information (Goldstein Library), Warren D. Allen Music Library, Claude Pepper Library, FSU Campus Library, Panama City (Florida), FSU Panama City Library (Republic of Panama), John and Mable Ringling Museum of Art Library.   |
| 1a                   | Volumes held June 30, 2006 revised to 3,400,422.   |
| 11                   | The large increase is due to the inclusion of the Claude Pepper Library's 5,316 graphic items.   |
| 18                   | Fringe benefits are included.  |
| 25                   | The large increase in ILL expenditures is due to the 2005 06 figure being incorrect. The correct figure for 2005 06 should be 70,514.  |
| 26a                  | Panama City, Florida branch reporting 1 FTE for first time.  |
| 38                   | Information for 2006 07 from internal sources, not from IPEDS.   |



## GEORGE WASHINGTON

- 1	Himmelfarb Health Sciences Library corrected previous calculations. 2005-06 shows 130,056. Since the new instructions took effect, we need to add 32,781 e-books to the 2006-07 total volumes held figure (1,766,172) for the Gelman Library system. Volumes held as of June 30, 2007 revised to 2,197,644.
- 1b	Health Sciences Library had major weeding project.
- 4	Health Sciences Library entered a corrected calculation.
- 4a	This number will be higher than previous years even with de-duping because this year we're including aggregated content which wasn't included before. De-duped content in SFX and de-duped e-journal subscriptions. We have NOT de-duped print subscriptions with SFX yet this year.
- 4bi	This is up due to an increase in Open Access journals linked to in SFX.
- 8	There were an unusually large number of government document withdrawals and transfers during 2006-07.
- 17c	In 2006-07, the main library hired and retained more students than in 2005-06.
- 26b	Includes 20 contract employees.
- 26c	The student employee retention rate was higher for Main Library in 2006-07.

## GEORGETOWN

- Includes Bioethics, Blommer Science Library, Qatar, and the Woodstock Theological Center Library.
- 1	Includes 388,983 e-books.
- 1a	Volumes held June 30, 2006 revised to 2,877,562. Includes the addition of 388,983 e books.
- 1bii	GovDocs did a lot of weeding before opening its collection to the public.
- 4-4a	Increase due to change in method of counting serials.
- 15c-15d	Decrease due to 2005-06 ECCO (e book collection) purchase now included in monograph expenditure.
- 17	The main branch reported 3,386,263 for 17a, 2,288,391 for 17b, and 498,378 for 17c. The Law branch reported 1,894,627 for 17a, 1,583,807 for 17b, and 280,468 for 17c. The Health branch did not report disaggregated totals for 17a and 17b, but reported 19,718 for 17c.
- 26b	Assignment of CETS to registrar's office resulted in loss of 10.55 FTE staff.
- 29-30	Increase due to more professors requesting Gelardin New Media Center staff teach video production and Web development to students for classroom assignments.

## GEORGIA

- Includes Law Library.
- 1	140,239 e-books that were not calculated in the total for 2005-06 have been added to this column.
- 1a	Volumes held June 30, 2006 revised to 4,486,178. Number adjusted to include e-books.
- 2	Includes law purchase of 118,210 Eighteenth Century Collection Online.
- 15c	Number was reported in another area last year.
- 15d	Number reported in another area last year. Categories include: Software Tools: Endnote and Refworks; Bib. Utilities: Marchive and Solinet; Shipping & Handling; Media Preservation; Memberships (Serials & Acquisitions): ARL, CRL, LARRP, ASRL, SPARC, Counter (Getsum shared), Southeastern Library Network, North GA Associated Libraries and CNI; Literature Search Services: Dialog; Maintenance SFX: SFX and EJS Enhanced.
- 42	This number was recorded incorrectly in 2005-06.

## GEORGIA TECH

Included: the Main and Architecture libraries.

## GUELPH

All figures are as of 04/30/2007.

Includes the McLaughlin Library, Ontario Veterinary College Learning Commons, and the TriUniversity Storage Annex (Guelph materials only).

- 1	This total does not include electronic books. The Library currently holds approximately 200,000 electronic books, ranging from large suites (e.g. Early English Books Online, Eighteenth Century Collections Online etc.) to monographs purchased individually.
- 1a	This total does not include electronic books. The Library currently holds approximately 200,000 electronic books, ranging from large suites (e.g. Early English Books Online, Eighteenth Century Collections Online etc.) to monographs purchased individually.

| QUESTION<br>NUMBER       | FOOTNOTE   |
|--------------------------|--|
| 15-25                    | Expenditures as reported in Canadian dollars: (15a) \$1,457,534; (15b) \$3,798,493; (15c) \$228,456; (15d) \$639,870; (15) \$6,124,353; (16) \$31,522; (17a) ; (17b) ; (17c) \$456,134; (17) ; (19) \$1,035,857; (20) \$13,834,029; (21) \$245,211; (22) \$3,542,066; (23a) NA /UA; (23b) \$0; (24) \$437,200; (25) \$103,525. |
| 26-26b                   | Increase in employee total relative to last year due to various members of the "Learning Commons" becoming employees of the Library, proper.   |
| 26c                      | Increase in "student assistant" total relative to last year due to various student employees of the "Learning Commons" becoming student employees of the Library, proper.  |
| <b>HARVARD</b>           |  |
| 1a                       | Volumes held June 30, 2006 revised to 15,943,078.  |
| 1bii                     | Net increase due to planned de-accessions and transfer project begun in 2005-06 and continued in 2006-07.  |
| 21                       | Increase due to year end allocations in some libraries.  |
| <b>HAWAII</b>            |  |
|                          | Includes the Hamilton Library and the Sinclair Library.  |
| 1a                       | Volumes held June 30, 2006 revised to 3,434,536.   |
| 17, 26                   | More complete data than reported in prior years, including flood recovery positions.   |
| 28                       | One branch offered 24/5 hours of operation.  |
| 31                       | Includes simple directional questions which have not been counted separately.  |
| 34                       | Incomplete due to loss of data.  |
| <b>HOUSTON</b>           |  |
|                          | Includes the Architecture & Art Library, Music Library, Weston A. Pettey Optometry Library, and the Pharmacy Library.  |
| 1a                       | Volumes held June 30, 2006 revised to 2,504,236.   |
| 4                        | The large increase is due to the change in the way serials are counted.  |
| 12                       | Additions to the Libraries audio collections had not been counted for several years. The figure reported now brings us up to date.   |
| 28                       | Hours reported in 2005-06 were a total of main library plus the law library. Correct total is 108.   |
| 31                       | During the year, the library began recording all reference transactions. Part of the reported figure is based on sampling while the remainder comes from the recording.  |
| 32-33                    | Figures reported last year inadvertently included circulation of reserve materials. No reserve circulations are included in this year's figure.  |
| <b>HOWARD</b>            |  |
|                          | Includes: Main library, Health Sciences library, and Law library.  |
| 1a                       | Volumes held June 30, 2006 revised to 2,436,163.   |
| <b>ILLINOIS, CHICAGO</b> |  |
|                          | Includes: Richard J. Daley Library, Science Library.   |
|                          | Excludes: Library of the Health Sciences (LHS) Chicago, LHS Peoria, LHS Rockford, LHS Urbana.  |
| 9                        | Includes statistics for health sciences branches.  |
| 16                       | Figure included in (19), other operating expenditures.   |
| 19                       | Includes portion (23), Bibliographic Utilities, Networks and Cosortia: OCLC, annual memberships for CIC and CARLI.   |
| 23a                      | Does not include OCLC, membership in CARLI, CIC (included in (19)).  |
| 34-35                    | Figures unavailable for all institutions with which UIC has reciprocal borrowing privileges. I Share data for health sciences branch lending are included. 35 Figures unavailable for all institutions with which UIC has reciprocal borrowing privileges. I Share data for health sciences branch borrowing are included.     |
| <b>ILLINOIS, URBANA</b>  |  |
| 1a                       | Volumes held June 30, 2006 revised to 10,521,945.  |
| 4aii                     | Based on an estimate.  |
| 15d                      | Includes Sandberg (\$34,572) and Illinois Newspaper Project Microfilming (\$172,212) projects that were gift and grant funded, respectively.   |
| 17a                      | Includes \$9,883,338 academic staff and \$1,220,145 graduate assistants.   |

| QUESTION<br>NUMBER   | FOOTNOTE   |
|----------------------|--|
| 25                   | Reduction due to streamlined and improved copyright clearance process.   |
| 26a                  | Includes 39 FTE graduate assistants.   |
| <b>INDIANA</b>       |  |
|                      | Includes the Archives of Traditional Music, and the Kinsey Institute, The Archives of African American Music & Culture, Center for Disability Information & Referral, Gay Lesbian Bi Sexual and Transgendered Student Support Services Office, and Workshop on Political Theory & Policy Analysis libraries.   |
|                      | Excluded: law library, the regional campuses at Columbus, Ft. Wayne, Gary, Indianapolis, IUPUI (including the Ruth Lilly Medical Library), Kokomo, New Albany, Richmond, and South Bend.   |
| 10                   | Better count of large map collection.  |
| 34                   | One library reported photocopy statistics here in the past. Problem fixed this year  |
| 36-42                | Reported current fiscal year data instead of previous fiscal year in 2005 06.  |
| <b>IOWA</b>          |  |
| 1-2                  | Moved from physical to bibliographic counting.   |
| 1a                   | Volumes held June 30, 2006 revised to 4,598,480.   |
| 4                    | 960 shared titles between Law and Main or Health Sciences libraries are being counted with Law.  |
| 12-13                | Moved from physical to bibliographic counting.   |
| 17a                  | This includes programming staff that support the Libraries, but are not paid directly from Libraries' budget.  |
| 19, 24               | Including equipment costs that support the Libraries, but not directly taken from Libraries' budget.   |
| 26b                  | Fewer graduate assistants due to grants ending; number of merit positions eliminated; includes 3 FTE programmers who support the Libraries but not paid directly from Libraries' budget.   |
| 26c                  | Using fewer student employees.   |
| 32-33                | Removed Main/Branch/Health Sciences intra library circulation numbers.   |
| 35                   | Decrease due to new software, ILLiad, which counts transactions differently than Clio software.  |
| 38                   | Does not include 440 clinical and pre clinical faculty with departmental appointments.   |
| <b>IOWA STATE</b>    |  |
|                      | Includes the Main Library and Veterinary Medical Library, plus three reading rooms (Design, Physical Sciences, and Math).  |
| 15c                  | Other Library Materials expenditures decreased \$72,830, from \$250,035 in 2005-06 to \$177,205 in 2006-07, due in part to a decrease in the purchase of backsets of electronic resources.   |
| 19                   | Other Operating Expenditures increased \$890,742, from \$945,544 in 2005-06 to \$1,836,286 in 2006-07, primarily from renovation expenditures including: creation of the Bookends Cafe; creation of the ISU Copy Center; renovation of the Reference area into the Learning Connections Center; and re carpeting / painting on Third Floor. The 2006-07 figure includes \$243,080 in one time contributions from ISU Dining, ISU Printing, and MICA. |
| 20                   | Total Library Expenditures increased \$1,421,488, from \$16,973,524 in 2005-06 to \$18,395,012 in 2006-07, primarily from a combination of increased Library Materials expenditures, increased Salaries, and Other Operating expenditures noted in footnote 19.  |
| 21                   | One time Electronic Resource Purchases decreased \$171,193, from \$248,180 in 2005-06 to \$76,987 in 2006-07, due to a reduction in the purchase of electronic resource backsets. In 2005-06, there was a concerted effort to purchase electronic resource backsets. 2006-07 returned to a more normal purchasing pattern.   |
| 24                   | Computer Hardware and Software increased \$266,346, from \$331,920 in 2005-06 to \$598,266 in 2006-07, primarily due to the purchase of the Ex Libris package of software including: Primo, Verde, and MetaLib.  |
| <b>JOHNS HOPKINS</b> |  |
|                      | Figures include the Sheridan Libraries, Welch Medical Library, Institute for History of Medicine, School of Public Health Library, Peabody Conservatory Library, Applied Physics Laboratory, School of Advanced International Studies (SAIS) in Washington, DC and Bologna, Italy. Figures exclude the School of Advanced International Studies in Nanjing, China and the JHU Campus in Singapore.   |
| 1                    | Change in volumes held 6/30/06 is a result of our APL library's recalculation which was based on an actual bibliographic count of volumes.   |
| 1a                   | Volumes held June 30, 2006 revised to 3,677,642.   |
| <b>KANSAS</b>        |  |
|                      | Includes Regent Center Library, Edwards Campus (Overland Park, Kansas). Excludes University of Kansas School of Medicine Farha Library in Wichita, Kansas.   |

| QUESTION<br>NUMBER | FOOTNOTE   |
|--------------------|--|
| 1bii               | In the process of moving materials to the library annex many, duplicate holdings were withdrawn.   |
| 4a, 4b             | New process and method of counting, so not comparable with previous totals.  |
| 36                 | We had a new doctorate program and students are starting to graduate from it. Part of the increases came in education and life sciences, but there were small increases in many areas. We have fluctuated in the number of doctorates over the years. This is not an area where we have a steady increase or decrease. |

#### KENT STATE

Included are Kent State branches (Ashtabula, Geauga, East Liverpool, Salem, Stark, Trumbull, and Tuscarawas) and campus libraries: Architecture, Chemistry/Physics, Fashion, Map, Mathematics/Computer science, Music.

#### KENTUCKY

1a Volumes held June 30, 2006 revised to 3,456,336.

#### LAVAL

Included: Law and Medical library data.

15-25 Expenditures as reported in Canadian dollars: (15a) \$2,697,414; (15b) \$7,512,564 ; (15c) \$165,812; (15d) \$69,000; (15) \$10,444,790 ; (16) \$62,646; (17a) \$3,622,258; (17b) \$5,626,733; (17c) \$516,445; (17) \$9,765,436; (19) \$528,736; (20) \$20,801,608; (21) \$409,171; (22) \$4,906,656; (23a) NA/UA; (23b) NA/UA; (24) NA/UA; (25) \$98,718.

16 All of our binding is made in house. These are expenses for material used by our bindery unit.

17c Not limited to students assistants. These are supernumerary employees and some of them are students.

26c Full Time equivalent of student employees and supernumerary employees.

33 A mistake was discovered on August 23, 2007 in our 2005-06 figures: we declared a total circulation of 627,177 and the correct figure was 820,415 (the figure for renewals by Internet was not taken into account).

#### LIBRARIES AND ARCHIVES CANADA

1a Volumes held June 30, 2006 revised to 9,416,380.

4aii 179 print and 889 other formats.

6-7 Estimated 1.5% growth.

15-25 Expenditures as reported in Canadian dollars: (15a) \$663,060; (15b) \$462,782; (15c) \$353,105; (15d) \$116,388; (15) \$1,595,335; (16) NA/UA; (17a) \$51,484,769; (17b) \$19,706,483; (17c) \$6,808,390; (17) \$77,999,642; (19) NA/UA; (20) \$79,594,977; (21) NA/UA; (22) \$33,599; (23a) NA/UA; (23b) NA/UA; (24) \$30,928; (25) \$990,954.

28 With professional staff.

#### LIBRARY OF CONGRESS

All figures are as of 09/30/2007.

1a Volumes held June 30, 2006 revised to 29,361,867.

3 Does not include 2,557,654 volumes in the Law Library of Congress.

4 Actual figure is 147,706 (adjusted by 10,394 to account for duplication between electronic and print versions).

17a Total salaries and wages for professionals, support staff, and student assistants.

17b-17c Included in the category for professional staff.

#### LOUISIANA STATE

Included: Main, Health, and Law libraries.

1a This number is revised to 3,524,926 to add the e-book records that were loaded in 2006-07; e-book packages: Netlibrary Library (4,902), Evans Digital Editions, Early American Imprints Series 1 (1,068), Referex (401), Knovel (983), Memso (55), English Poetry 2nd Edition (4,982), Early American Imprints, Series II: Shaw Shoemaker, 1801 1819 (38,094).

1bi This number comes from Cataloging, Database Management, Documents, Serials, & Special Collections.

1bii This number comes from Database Management and Documents. Higher this year because of duplicates withdrawn and selective weeding.

2 This number comes from 15,981 paper titles and 50,485 e books.

4 The increased figures result from two factors: (1) increased efforts to better capture data; and (2) increased electronic serials.

4a1 Not included: Open Access titles and de duplication.

| QUESTION<br>NUMBER   | FOOTNOTE  |
|----------------------|---|
| 4bi                  | This number comes from Open Access titles in A to Z de duplication and government documents.  |
| 6                    | This comes from 13,766 Database Management, Documents, Serials, & Special Collections added to the 2005-06 total.   |
| 7                    | This comes from Documents and it decreases every year.  |
| 8                    | This number comes from Count Items report using Item Category 1 of CD Rom, Compdisk and DVD Rom; excludes Vet Med.  |
| 9                    | This number comes from 14 (from Special Collections) added to the 2005-06 total.  |
| 10                   | This number comes from CIC librarian and a report using Item Category 1 of MAP (excluding CIC and Vet Med).   |
| 12-13                | This number comes from a report based on item category.   |
| 15a-15d              | More money was available and a move was made to e resources.  |
| 16                   | In 2005-06, we did not bind as much.  |
| 17a-17b              | Merit raise given this year.  |
| 17c                  | Minimum wage increased this year.   |
| 19                   | Renovation and equipment.   |
| 21-22                | Moved to more e resources.  |
| 25                   | Moved to more e resources so less needed to request.  |
| 26c                  | Less need for students.   |
| 31                   | Moved to more e answers.  |
| 35                   | More available free electronically.   |
| <b>LOUISVILLE</b>    |   |
|                      | Includes: University Archives, Music, Art, and Main libraries.  |
| <b>MANITOBA</b>      |   |
| 15-25                | Expenditures as reported in Canadian dollars: (15a) \$2,039,482; (15b) \$5,651,668; (15c) \$43,338; (15d) \$397,636; (15) \$8,132,124; (16) \$150,645; (17a) \$5,059,986; (17b) \$5,642,386; (17c) \$653,451; (17) \$11,355,823; (19) \$1,753,649; (20) \$21,392,241; (21) \$916,227; (22) \$3,370,953; (23a) NA / UA; (23b) NA / UA; (24) \$273,037; (25) \$176,000.                         |
| 15c                  | 2005-06 included one time purchase of archival material.  |
| 19                   | 2005-06 figure included fringe benefits; 2006-07 figure does not.   |
| <b>MASSACHUSETTS</b> |   |
|                      | Includes the DuBois (Main Library) & ISEL (Integrated Sciences and Engineering Library).  |
| 1a                   | Volumes held June 30, 2006 revised to 3,339,579. Includes an adjustment of 108,882 items to represent e-books held at the end of 2005-06.   |
| 1bi                  | Includes 161,565 e-books added during 2006-07.  |
| <b>MCGILL</b>        |   |
|                      | Included: Birks Reading Room, Blackader Lauterman (Art & Architecture), Education, Hirschfeld Geographic Information Centre, Howard Ross Library of Management, Islamic Studies, Life Sciences, Macdonald Campus (Environmental Sciences), Marvin Duchow Music, Nahum Gelber Law, Osler (History of Medicine), Schulich Library of Science & Engineering, Rosenthal Mathematics & Statistics. |
| 1a                   | Volumes held June 30, 2006 revised to 3,987,250. Volumes held in 2005-2006 do not include the e books (277,171).  |
| 3                    | Physical and bibliographic.   |
| 4                    | Includes aggregates.  |
| 8                    | Revised to reflect online count.  |
| 15-25                | Expenditures as reported in Canadian dollars: (15a) \$4,647,300; (15b) \$8,632,423; (15c) \$141,188; (15d) \$361,968; (15) \$13,782,879; (16) \$252,148; (17a) \$5,476,098; (17b) \$6,086,601; (17c) \$697,079; (17) \$12,259,778; (19) \$5,224,866; (20) \$31,519,671; (21) \$1,025,011; (22) \$7,452,084; (23a) \$230,869; (23b) \$0; (24) \$1,638,019; (25) \$203,612.                     |
| 18                   | Fringe benefits are included.   |
| <b>MCMMASTER</b>     |   |
|                      | All figures are as of 04/30/2008.   |
|                      | Includes the Mills Memorial Library, H.G. Thode Library, and Innis Library.   |

| QUESTION<br>NUMBER    | FOOTNOTE   |
|-----------------------|--|
| 11                    | 2005-06 report should have read 243 for McMaster University Libraries and 10 for Health Science Library for a total of 253.  |
| 12                    | 2005-06 report should have read 27,998 for McMaster University Libraries and 1,020 for Health Science Library for a total of 29,018.   |
| 13                    | 2005-06 report should have read 1,130 for McMaster University Libraries and 1,070 for Health Science Library for a total of 2,200.   |
| 15-25                 | Expenditures as reported in Canadian dollars: (15a) \$967,882; (15b) \$6,113,701; (15c) \$652,415; (15d) \$213,632; (15) \$7,947,630; (16) \$72,803; (17a) \$2,483,637; (17b) \$4,598,074; (17c) \$512,199; (17) \$7,593,910; (19) \$1,611,413; (20) \$17,225,756; (21) \$757,709; (22) \$5,151,305; (23a) \$210,245; (23b) \$0; (24) \$674,527; (25) \$111,373.   |
| 17c, 26c              | Includes casual, temporary, interns and co ops.  |
| <b>MIAMI</b>          |  |
|                       | Includes the Richter Library (central library), Calder Memorial Library (medical library), Law Library, the Architecture, Business, Marine, and Music Libraries, and off site storage facility.  |
| 1                     | E book collections include: NetLibrary, Early English Books Online, Gale's 18th Century Collections Online, Women Writers Project, Wright American Fiction, Making of the Modern World, Making of Modern Law, Ebrary, Lion, Sabin, Evans, Shaw Shoemaker and Gale Virtual Library.   |
| 1-1bii                | These figures were reported by the central library (Marine Library).   |
| 1a                    | Volumes held, May 31, 2006, reported in 2005-06 was 3,013,867; this number was adjusted to 3,166,675 to reflect the addition of e book collections totaling 152,808 e books acquired in 2007.  |
| 6-7,<br>10-13         | Included in central library statistics (Marine Library).   |
| 8                     | Medical library computer files are included in (13).   |
| 13                    | All audiovisual materials (10 13) and computer files (8) for medical library are reported in (13).   |
| 17a                   | Excludes salaries of the University Librarian and directors of the law and medical libraries.  |
| 17c                   | Excludes wages for student assistants subsidized by the School of Business Administration.   |
| 28                    | Combined weekly public service hours for all libraries is 122.   |
| 31                    | Reference transactions for architecture library are unavailable. Transactions are based on enumerations in central, business, and music libraries, sampling in marine and law libraries, and a combination of sampling and enumeration in medical library.   |
| <b>MICHIGAN</b>       |  |
|                       | Includes Bentley Historical Library, William L. Clements Library, Law Library, Kresge Business Administration Library, and the University Library.   |
|                       | Excludes libraries at University of Michigan Dearborn and University of Michigan Flint.  |
| 4                     | This total includes 15,401 uncatalogued electronic serial items, which have not been de duplicated amongst themselves or against the remaining 56,387 catalogued titles. This latter number breaks down as 28,969 serials which are available electronically and 27,418, which are available in print only. Given the manner in which we record our data, we cannot give these as subcategories of purchased and not purchased, while still de duplicating on ISSN. The average percentage of catalogued titles without ISSNs, across the libraries for which we report the data, is roughly 35%.  |
| 8                     | This figure includes 1,000,000 files of titles digitized from our collections in the Michigan Digitization Project.  |
| <b>MICHIGAN STATE</b> |  |
|                       | Includes: Biomedical & Physical Sciences Library; Business Library; Engineering Library; Gull Lake Library; International Center Library; Mathematics Library; Planning & Design Library; Veterinary Medical Center Library.   |
| 4                     | The total de duplicated count for MSU (including Main, Government Documents, and Law) is 72,815 titles. This figure is derived from a de duplicated count provided by Serials Solutions (from 107,971 total serial holdings, print and electronic). Only titles that are unique to a single database can be assigned to paid or unpaid; titles which are not unique to a single database are reflected in the de duplicated total of 72,815, but are not included in the sub categories as it is not possible to assign these titles to paid or unpaid at this time. The de duplicated count of titles present in more than one database is therefore only reflected as part of the aggregate total of 72,815. |
| 31a                   | Based, in part, on sampling.   |
| <b>MINNESOTA</b>      |  |
|                       | Included: Health Sciences Libraries (Biomedical, Veterinary Medicine) and the Law Library.   |
|                       | Excluded: branch campus libraries of Minnesota Duluth, U of Minnesota Crookston, U of Minnesota Morris.  |
| 1                     | Includes 143,000 e books.  |
| 1a                    | Volumes held June 30, 2006 revised to 6,744,987. Revised count of materials held in MLAC storage facility.   |

| QUESTION<br>NUMBER                           | FOOTNOTE  |
|--|---|
| 2  | Count is monograph orders, not actual volumes purchased.  |
| 4  | Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .   |
| 11   | Breakdown by media not available. Total AV items = 863,995.   |
| 26   | Count is actual FTE for filled positions. Vacant positions are not counted.   |
| 30a  | Some counts submitted by some units are estimates.  |
| 41-42  | Graduate student counts include all post baccalaureate students (graduate and professional).  |
| <b>MISSOURI</b>                              |   |
|  | Included: Health Sciences library, Vet Med library, Math library, Geology library, Engineering library, Journalism library, Newspaper library, Archives, and Library Depository.  |
|  | Excluded: the Law Library.  |
|  | We have had several meetings and problems in actually identifying the “real” number of serials. This is our best estimate/ count at this time.  |
| 1a   | Volumes held June 30, 2006 revised to 3,397,175.  |
| 4  | This data, 2006-07, based on an extensive hand count of all serials currently received, and by the categories requested by ARL, as performed by our Acquisitions Dept during the month of January 2008.   |
| 15b  | Of this \$6,302,220, \$2,230,000 is from the University-wide systems office for the four campus system. MU has over 50% of the students, but we use all of these journals.  |
| 17a  | Estimated Library Systems Office with a 2% increase over 2005-06 @66% of total: \$192,903.  |
| 17b  | Estimate Library Systems office at 2% over 2005-06 @50% = \$48,620.   |
| 19   | Library Systems Office @50% for Online Cataloging system (III): \$408,703.  |
| 22   | \$2,230,000 from 4 campus Library Systems Office, and \$2,908,338 from MU Libraries serials.  |
| 25   | Informed that this large drop, vis-à-vis previous year is due to Elsevier ScienceDirect contract. In other words, some of this now covered under that contract and cannot be broken out.  |
| <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b> |   |
|  | Includes all divisions and branches of the MIT Libraries.   |
|  | As noted on (4), (21), and (22): 2005-06 counting methodology was used.   |
| 4  | We have used the 2005-06 methodology for these calculations.  |
| 15c  | Electronic journal backfiles which we expense from serials funds.   |
| 15d  | Includes postage and service charges which we expense from serials funds.   |
| 18   | Fringe benefits are included.   |
| 19   | 2005-06 corrected figure: \$2,399,107.  |
| 20   | 2005-06 corrected figure: \$22,123,477.   |
| 21-22  | We have used 2005-06 methodology.   |
| 34-35  | Substantial increase over 2005-06.  |
| 38   | Methodology has changed since 2005-06, hence the marked reduction in this number.   |
| <b>MONTREAL</b>                              |   |
|  | Excluded: HEC Montréal; École Polytechnique de Montréal; Law Library; Health Library.   |
| 1,2  | Springer e books: 2,466.  |
| 15-25  | Expenditures as reported in Canadian dollars: (15a) \$2,372,723; (15b) \$9,341,100; (15c) \$135,055; (15d) \$78,313; (15) \$11,927,191; (16) \$151,618; (17a) \$7,387,905; (17b) \$10,406,563; (17c) \$170,811; (17) \$17,965,279; (19) \$1,834,463; (20) \$31,878,551; (21) \$157,748; (22) \$5,762,766; (23a) \$188,580; (23b) NA/UA; (24) \$627,527; (25) \$197,540. |
| 24   | Special project: migration to Sirsi’s Unicorn.  |
| <b>NATIONAL AGRICULTURAL LIBRARY</b>         |   |
|  | All figures are as of 09/30/2007.   |
| 1a   | Volumes held June 30, 2006 revised to 2,417,888.  |
| 1bii   | The figure reflects an active weeding program.  |

| QUESTION<br>NUMBER                  | FOOTNOTE  |
|-------------------------------------|---|
| 4, 4a,<br>4bi                       | Reflects title count.   |
| 8-13                                | Reflects corrected basis for the count.   |
| 15a                                 | Accurately reflects increased purchase of monographs in 2006-07.  |
| 18                                  | Fringe benefits are included.   |
| 28                                  | Correction from public service hours reported in 2005-06.   |
| <b>NATIONAL LIBRARY OF MEDICINE</b> |   |
|                                     | All figures are as of 09/30/2007.   |
| 1a                                  | Volumes held June 30, 2006 revised to 2,532,058.  |
| 32                                  | These are internal circulations only.   |
| <b>NEBRASKA</b>                     |   |
| 15d                                 | Neglected to include serial postage expense of \$76,766 in 2005-2006 figure. Postage for the time period of this survey totals \$64,565.  |
| <b>NEW MEXICO</b>                   |   |
|                                     | Includes Centennial Science & Engineering Library, Fine Arts & Design Library, Parish Library, Zimmerman Library, Bunting Visual Arts Library, Tireman Education Library, Native American Studies Library.  |
|                                     | Excluded: Gallup Campus Branch Library, Los Alamos Campus Branch Library, Taos Campus Branch Library, Valencia Campus Branch Library.   |
| <b>NEW YORK</b>                     |   |
|                                     | All figures are as of 08/31/2007.   |
| 1a                                  | Volumes held June 30, 2006 revised to 4,881,106. The actual 2005 06 e books total is 432,000, but the reported number of 769,000 is overstated by 337,000. The actual number of e books in 2006 07 is 503,764.  |
| 1bi                                 | Volumes added during 2006 07 decreased because 2005 06 figures were above average due to: #1 the processing of a large front log of materials in preparation for the systems migration and #2 the additional cataloging related to the RISM collection.   |
| 1bii                                | Part of regular ebb and flow of withdrawal of materials as items are sent to the offsite facility. The increase of withdrawals is not seen as out of the ordinary.  |
| 4                                   | There was a net increase in the Division of Libraries' serials received due to the new counting method by title. Serials received for NYU overall decreased because of de-duping process across the Branch Libraries.   |
| 4a                                  | The new counting methodology by serial titles instead of subscriptions increased the number of serials purchased. Purchased print titles decreased due to de-duping of print titles for which the Libraries had electronic access. The overall effect was a net increase of serials purchased for the Division of Libraries.  |
| 10                                  | Cartographic materials were brought in with a newly acquired collection. Current cartographic materials remain small so any change in the total count will appear as a large percent change.  |
| 16                                  | 2006 07 figures are the normal contract binding expenses within a given year. 2005 06 numbers are understated because a portion of the expenses were pre paid in the previous year.   |
| 28                                  | There is no actual decrease in total weekly public service hours reported. 2005 06 total hours were misreported as 379 instead of 119 because the summary sheet aggregated the hours from the different branch Libraries. Bobst has 119 weekly public service hours per week. Medical/Dental has 93 weekly public service hours per week. Law has 91 weekly public service hours per week.  |
| 36                                  | There was a minor decrease of PhDs awarded in all programs.   |
| <b>NEW YORK PUBLIC</b>              |   |
| 1a                                  | Volumes held June 30, 2006 revised to 8,828,221.  |
| <b>NEW YORK STATE</b>               |   |
|                                     | All figures are as of 03/31/2007.   |
| <b>NORTH CAROLINA</b>               |   |
|                                     | Included: Design, Natural Resources, Textiles, Veterinary Medical libraries, African American Cultural Center Reading Room, and College of Education Media Center.  |
| 1a                                  | Volumes held June 30, 2006 revised to 6,028,059. Added 205,490 e books. Includes some e books purchased in 2006 07. Major e book collections now counted include: ebrary (31,497); ECCO (136,213); Netlibrary audio (1,511); Netlibrary (24,313); Rand (3,246); Springer (6,841); Documenting the American South (local digital publishing program, 1,373); plus additional smaller collections. Also: Law Library added 231 e books not previously counted; Health Sciences Library added 86 e books, plus 5,661 volumes to reflect more accurate counts obtained through new ILS. |



| QUESTION<br>NUMBER          | FOOTNOTE   |
|-----------------------------|--|
| 1bi                         | Law Library added Making of Modern Law, containing 22,007 e books.   |
| 4                           | Journal titles de duped using ISSN as unique identifier. Titles without ISSNs were excluded entirely in order to eliminate items of a non serial nature. This has likely excluded some serial records lacking an ISSN, resulting in a possible undercount.   |
| 11                          | Significant increase in graphic items due to donation of major photographic collection (approx. 534,842 items) in 2006 07.   |
| 15d                         | Miscellaneous library material expenditures include payments for CRL memberships.  |
| 17a                         | Increase in professional salary expenditures due to more filled positions in 2006-07 and availability of funding for raises.   |
| 20                          | Includes \$4,102,193 in grants, trust, and other special funds (w/ out benefits); excludes \$304,109 in expenditures for Triangle Research Libraries Network from funds contributed by Duke, North Carolina State, and North Carolina Central universities.  |
| 23a                         | Most SOLINET charges delayed to 2007-08, thereby reducing expenditures in this category for 2006-07.   |
| 26                          | Includes 4.35 FTE professional staff on special grant funds; no FTE on special projects. Excludes 2.25 FTE paid from funds contributed by Duke, North Carolina State, and North Carolina Central universities for support of the Triangle Research Libraries Network.  |
| 28                          | Unique service hours for entire library system = 146. Branches are as follows: University Library (AAL = 144; Health Sciences Library = 109; Law Library = 109.  |
| <b>NORTH CAROLINA STATE</b> |  |
|                             | Includes the following libraries: Design, Natural Resources, Textiles, Veterinary Medical, African-American Cultural Center Reading Room, and College of Education Media Center.   |
| 2                           | Includes some monographic standing order items paid from serials funds.  |
| 15a                         | Some monographic titles are paid from serials funds included in (15b).   |
| 15d                         | Includes bibliographic utilities (\$177,975); Document delivery (\$164,843); and Memberships (\$229,729).  |
| <b>NORTHWESTERN</b>         |  |
|                             | Includes the Science and Engineering Library, Math, and Geology Libraries and the Law, Heath Sciences and Schaffner Libraries on the Chicago campus.   |
| 1-3                         | Includes government documents.   |
| 6, 9, 11                    | Excludes Health Sciences Library.  |
| <b>NOTRE DAME</b>           |  |
|                             | Includes Hesburgh (Main) Library, Kresge (Law) Library, and the University Archives.   |
| 2                           | The number of e-books included in the total is 2,585.  |
| 4                           | The method for counting serials has been changed from the prior year according to instructions provided by ARL. The libraries were already reporting a count that was de duplicated by format type, although not by branches. The change in instructions resulted in an increase in serials titles currently received primarily due to counting individual titles provided by aggregators.             |
| 9                           | This figure represents our entire holdings. It consists primarily of archival records and manuscripts, but it also includes substantial quantities of printed, microfilm, artifact, audio, visual, film, graphic, and digital materials as well. Our controls over our records are based primarily on the creator of the records and only secondarily on the types of materials (University Archives). |
| 15a                         | Several large collections were purchased in 2006 07. The value of e books has not been separately determined.  |
| 15b                         | Expenditures for electronic materials of a recurring nature have been reclassified from other library materials expenditures to serials expenditures for 2006 07.  |
| 15c                         | Expenditures for electronic materials of a recurring nature have been reclassified to serials expenditures in 2006 07.   |
| 15d                         | Miscellaneous materials expenditures consist primarily of memberships for the purpose of obtaining/ accessing publications and literature searching.   |
| 22                          | Reporting dual format materials as primary format electronic rather than print has resulted in an increase in expenditures for electronic materials. In prior years, the Libraries have reported dual format materials with a primary format of print.   |
| 26c                         | Includes students employed from other institutions in the summer.  |
| <b>OHIO</b>                 |  |
|                             | Includes: Athens (main), Chillicothe, Eastern, Lancaster, Southern, and Zanesville libraries, and the College of Osteopathic Medicine Learning Resource Center.  |
| 1                           | Of the 147,160 e-books added, 136,212 were part of Eighteenth Century Collections Online.  |
| 1a                          | Volumes held June 30, 2006 revised to 2,858,409.   |
| 1bii                        | Figure reflects withdrawal of bound periodical volumes now held in digital form.   |

| QUESTION<br>NUMBER | FOOTNOTE   |
|--------------------|--|
| 4                  | About 26% of our U.S. Government Documents electronic serials and 22% of our other electronic serials are known to be ceased titles. About 91% of our U.S. Government Documents electronic serials and 16% of our other electronic serials lack ISSNs. About 21% of our print serials (excluding government documents) lack ISSNs.   |
| 4a                 | Increase due to more thorough counts of electronic serials using new instructions; for example, full text e serials found in aggregator databases were included in this survey, but not in the 2005-06 survey.   |
| 4b                 | Increase due to more thorough counting of electronic serials using new instructions.   |
| 4bi                | 78% are U.S. government documents.   |
| 4bii               | 34% are U.S. government documents.   |
| 8                  | Decrease due to weeding project.   |
| 15d                | Technical services \$94,796; memberships \$24,112; IngentaConnect Intouch alerting service \$982; document delivery \$89.  |
| 19                 | Decrease reflects impact of university budget cut for 2006-07; \$100,000 in funding shifted from this category to salaries and wages to cover minimum wage increase for student workers; \$94,796 technical services costs (OCLC etc.) shifted from this category to library materials expenditures beginning with 2006-07; \$465,000 fund balance earmarked for equipment and furniture purchases carried forward to 2007-08. |

#### OHIO STATE

Included: Architecture; Biological Sciences/Pharmacy; Business; Cartoon Research; Children's Hospital; Fine Arts; Food, Agricultural, and Environmental Sciences; Geology; Health Sciences; Journalism; Law; Music/Dance; Science and Engineering; Sullivant; Theatre Research Institute; University Archives; and Veterinary Medicine libraries.

Excluded: Agricultural Technical Institute; Ohio Agricultural Research and Development Center; Regional Campus Libraries at Lima, Mansfield, Marion, and Newark.

- 1a Volumes held June 30, 2006 revised to 6,208,901. Increased by 28,157 over prior year due to error in counting electronic books and the addition of records in 2006-07 for the English Poetry collection purchased in a prior year.
- 2 Includes 376 purchased e books: Oxford Reference:149; ACLS: 126; ABC CLIO: 32; individual purchases: 71.
- 12 Figure includes audio, film, and video collection from main library; they cannot be separated.
- 24 Major expenditure for new equipment to move into temporary facility during renovation of main library.

#### OKLAHOMA

- 1b Increased purchase of e book collections.
- 1bii Decrease due to a major weeding project in 2005-06.
- 4a-4bii Serials statistics are reported as de duped in the main publication for all libraries.
- 15b-15d Change in reporting methods and increased material budget.
- 23a Decrease due to change in memberships.
- 24 Increased the number of computer/servers.

#### OKLAHOMA STATE

Includes Oklahoma City, Okmulgee, Tulsa branch campus libraries.

- 18 Fringe benefits are included.

#### OREGON

Includes: Architecture and Allied Arts library, Portland Architecture library, Science library, Math library, Oregon Institute of Marine Biology, Law library.

- 1a Volumes held June 30, 2006 revised to 2,848,697. Corrected for e book count.
- 6 New count by Documents Department.
- 10 Revised sampling framework for count.
- 17a 13 non librarian positions considered faculty by the institution are now included here.
- 26a, 26b 13 faculty "officers of administration" now counted as professional staff.

#### PENNSYLVANIA

- 1a Volumes held June 30, 2006 revised to 5,903,383.

## PENNSYLVANIA STATE

Includes all University Park Libraries, as well as the Campus Libraries. Campus Library locations are as follows: Abington, Altoona, Behrend, Berks, Beaver, Capital, Delaware, DuBois, Fayette, Great Valley, Hazelton, Lehigh Valley, Mont Alton, McKeesport, New Kensington, Schuylkill, Shenango Valley, Wilkes Barre, Worthington Scranton, and York.

## PITTSBURGH

Includes the Barco Law Library, and branch campuses in Bradford, Greensburg, Johnstown, and Titusville. Health Science libraries include the Falk Library of the Health Sciences, the Western Psychiatric Institute and Clinic Library, the Libraries at UPMC Shadyside and the University of Pittsburgh Cancer Institute.

- 6 Counted incorrectly in previous year.

## PRINCETON

Includes the university's 15 libraries (one large main library and 14 specialized libraries).

- 15d Expenses for shipping and photo services now allocated to miscellaneous category from "other library materials."  
25 Implementation of RAPID service resulted in reduction of costs for document delivery.  
37 In previous years, the numbers reported were for departments; adjusted this year to reflect programs.

## PURDUE

Includes the library system on the West Lafayette campus, consisting of 11 subject libraries, an undergraduate library, and an archives and special collections unit.

- 1 Includes cataloged government documents. Includes e books from ASM Handbooks: 22; CogNet: 451; Credo reference: 200; EEBO: 125,000; ECCO: 150,000; ENGnetBASE: 750; Gale Virtual Reference Library: 90; History e book Project: 1,500; Knovel Online: 1,451; Lecture notes in computer science: 3,710; ASAE: 4; Safari Tech Books Online: 878; Stat! ref: 12; ASAE Textbooks: 5; World Bank e Library: 1,915; and others, totaling 286,013.  
1b Decrease in net volumes added reflects increase in volumes withdrawn due to de selection projects and closure of 2 libraries.  
1bii Increase in volumes withdrawn is due to de selection projects and closure of 2 libraries.  
2 Represents number of titles rather than volumes. Excludes e books and materials purchased on sponsored research programs. Decrease from 2005-06 reflects internal change in reporting to accurately reflect number of monographs purchased rather than monographs added to the collection.  
4 Excludes some numbered monograph series. Includes cataloged depository, exchange, and gift serials, and electronic journals purchased through statewide consortium.  
4a Increase from 2005-06 reflects increased emphasis on purchasing e serials and packages. Titles were de-duped as indicated by instructions.  
4b Includes cataloged depository, exchange, and gift serials and electronic journals purchased through statewide consortium. Decrease from 2005 06 reflects change in instructions regarding de-duping.  
15 Decrease from 2005-06 reflects a significant purchase of digital backfiles during 2005-06 and advance payment of invoices for 2006-07 at the end of 2005-06.  
15a Decrease in expenditures reflects change in reporting to more accurately reflect monograph expenditures.  
15c Represents bibliographic and full text databases for which expenditures can be tracked separately. Expenditures for other databases, and for materials such as maps and audiovisuals, are included in those for monographs (15a) and serials (15b), and cannot be disaggregated.  
18 Fringe benefits are included.  
22 Includes expenditures for bibliographic and full text databases (15c), plus electronic journals.  
25 Includes \$76,474 of expenditures recovered by fee based service.  
26a Reflects addition of visiting faculty positions, including 4 diversity fellows.  
29-30 Excludes use of online, interactive tutorial, "CORE."  
31 Includes 2,375 reference transactions via digital reference service.  
33 Decrease in total circulations reflects drop in renewals.  
34 Decrease from 31,666 in 2005 06 reflects closure of fee based information services on 11/1/06.

## QUEENS

Includes Stauffer, Douglas, Jordan and Education libraries.

(36 37) and (39 42) as of November 2006. (38) as of October 2006. (4), (23) and (24) contain the data for the entire library system (all branch libraries included) as we cannot track this data separately.

| QUESTION<br>NUMBER  | FOOTNOTE   |
|---------------------|--|
| 15-25               | Expenditures as reported in Canadian dollars: (15a) \$1,672,162; (15b) \$7,300,149; (15c) \$129,983; (15d) \$531,160; (15) \$9,633,454; (16) \$89,432; (17a) \$2,838,883; (17b) \$4,513,623; (17c) \$277,519; (17) \$7,630,025; (19) \$1,765,798; (20) \$19,118,709; (21) NA / UA; (22) \$42,624,257; (23a) \$141,857; (23b) \$355,196; (24) \$409,768; (25) \$34,107. |
| <b>RICE</b>         |  |
|                     | Includes Fondren Library, Brown Fine Arts Library, and the Business Information Center.  |
| 1                   | Includes 23,465 Texshare e books, 30,165 government document e books, and 770 Netlibrary e books.  |
| 1b                  | Includes 3,731 government document e books and 21 non document e books.  |
| 4                   | Count of electronic journals completed well after end of fiscal year, due to implementation of electronic resources management module.   |
| 9                   | Manuscripts and archives reported in cubic feet.   |
| 15d                 | Includes memberships (\$200,236.93), ILL (\$37,351.23), in house binding supplies (\$14,279.02), and bibliographic utilities (\$153,401.10).   |
| <b>ROCHESTER</b>    |  |
|                     | Includes the Rush Rhees Library and the Sibley Music Library.  |
| 1a                  | Volumes held June 30, 2006 revised to 3,643,490. 36,180 e books added to count as follows: Ebrary: 33,558; CUHMM: 511; ACLS: 555; Books24x7: 1506; Wiley: 50.  |
| 1b                  | Fewer Swasey volumes added.  |
| 3                   | Basis of count for 2,851 was physical.   |
| 4                   | In order for the data tables to total correctly, the following sub-totals for Serials Currently Received for the Rush Rhees Library (main) were marked UA / NA. The values for these questions are listed here in order: (4a) 19,220; (4ai) 15,980; (4aii) 3,240; (4b) 3,760; (4bi) 3,125; (4bii) 635.   |
| 4ai                 | Unique titles from Serials Solutions. Does not include 10,214 IEEE explore records.  |
| 4bi                 | Includes Directory of open access journals.  |
| 7                   | A major collection review resulted in the weeding of 14,270 documents.   |
| 11                  | Two large slide collections added.   |
| 18                  | Fringe benefits are received, but are not included for \$694,441 salaries and wages from Sibley Library.   |
| 32-33               | Now includes Swasey.   |
| 36-37,<br>39-42     | Includes Sibley Music Library and Edward G. Miner Library.   |
| 38                  | Includes non tenure track faculty. Includes Sibley Music Library and Edward G. Miner Library.  |
| <b>RUTGERS</b>      |  |
|                     | Includes two Law Libraries, services to a non Rutgers medical school and campuses in Camden, Newark and New Brunswick.   |
| 1a                  | Volumes held June 30, 2006 revised to 4,373,822. Includes 170,485 e books not previously reported.   |
| 1bi                 | Includes 10,338 e books.   |
| 10-13               | Audiovisual Materials figures cannot be disaggregated. Total audiovisual is 149,828.   |
| 17, 26              | Excludes staff hired for special projects and grants.  |
| <b>SASKATCHEWAN</b> |  |
|                     | All figures are as of 04/30/2007.  |
|                     | Included: Main, Health Sciences, Natural Sciences, Law, Engineering, Education and Vet Med libraries.  |
| 1a                  | Volumes held June 30, 2006 revised to 2,347,233.   |
| 15-25               | Expenditures as reported in Canadian dollars: (15a) \$3,119,256; (15b) \$12,041,178; (15c) NA / UA; (15d) \$205,453; (15) \$15,365,888; (16) \$76,744; (17a) \$4,241,098; (17b) \$4,047,369; (17c) \$431,517; (17) \$8,719,984; (19) \$892,817; (20) \$25,055,433; (21) \$4,923; (22) \$7,207,431; (23a) \$80,756; (23b) NA / UA; (24) \$489,656; (25) \$102,538.      |
| <b>SMITHSONIAN</b>  |  |
|                     | All figures are as of 09/30/2007.  |

Included are a total of 20 libraries located throughout the museums and research institutes of the Smithsonian Institution: National Air and Space Museum Library, Washington, DC; National Museum of American History, Washington, DC; National Museum of Natural History Library, Washington, DC; National Postal Museum Library, Washington, DC; National Zoological Park Library, Washington, DC; Smithsonian American Art Museum, National Portrait Gallery Library, Washington, DC; Smithsonian Environmental Research Center Library, Edgewater, Maryland; Anacostia Museum and Center for African American History and Culture Library, Washington, DC; Botany and Horticulture Library, Washington, DC; Cooper Hewitt National Design Museum Library, New York, New York; Dibner Library of the History of Science and Technology, Washington, DC; Earl S. Tupper Library Smithsonian Tropical Research Institute, Republic of Panama; Freer Gallery of Art and Arthur M. Sackler Gallery Library, Washington, DC; John Wesley Powell Library of Anthropology, Washington, DC; Joseph E. Cullman, 3rd Library of Natural History, Washington, DC; Museum Studies and Reference Library, Washington, DC; Museum Support Center Library, Suitland, Maryland; Vine Deloria Jr. Library, National Museum of the American Indian, Suitland, Maryland; Warren M. Robbins Library, National Museum of African Art, Washington DC.

1a Volumes held June 30, 2006 revised to 1,551,323.

1bi-1bii 15,385 volumes added is the net of all volumes added minus all volumes withdrawn. The report generated by the ILS does not display total "adds" and total withdrawals prior to calculating the net.

15a-15b Smithsonian Institution Libraries serves as the purchasing agent for all monographs, serials and electronic resources for the Smithsonian Institution. Purchases processed for The Woodrow Wilson International Center for Scholars (which is not under SIL administration) are not added to the SIL collections and the expenditures for monographs and serials are not included in (15).

15c For 2005-06, the number reported was for document delivery and interlibrary loan. That number is now reported in (25).

17 Actual "on board" costs. Does not include any "lapsed salaries" due to vacancies. Lapsed salaries were reprogrammed for expenditures in other areas.

19 Includes staff travel, training, cataloging, digitizing, collection care supplies and services, general, preservation and automation supplies, equipment purchases, memberships, equipment maintenance, and miscellaneous contracts. Does not include health and transit benefits, building maintenance, public programs, exhibitions and development expenditures.

23a Includes OCLC and Innodata costs. Innodata was used primarily for cataloging Chinese, Japanese and Korean titles into the RLG Union Catalog prior to the OCLC / RLG merger. Also includes the costs of migrating records from RLG to OCLC.

#### **SOUTH CAROLINA**

Includes Thomas Cooper Library, South Caroliniana Library, Business Library, Math Library, Music Library, and the Film Library.

1a Volumes held June 30, 2006 revised to 3,531,538.

#### **SOUTHERN CALIFORNIA**

Includes all USC branch Libraries as well as the Norris Medical Library, Wilson Dental Library, Call Law Library.

1a Volumes held June 30, 2006 revised to 3,968,928.

4 Provided detailed information on method for counting serials. For more information see: <http://libraryassessment.info/?cat=28>.

#### **SOUTHERN ILLINOIS**

1 Includes 254,476 e books.

1a Volumes held June 30, 2006 revised to 3,054,746. Number revised as per instructions, reflecting one time download of records for e book collection (Sabin).

1b 4 electronic books (Oxford Encyclopedias).

2 2005-06 high number included one time acquisition of Sabin e books.

4a Change in classification of non subscribed titles from consortial journal packages, from "not purchased" to "purchased" explains (4a) and (4b).

11 Decrease reflects withdrawal of vertical file material.

31 Decrease due to construction project.

#### **SUNY-ALBANY**

1 Includes 6,313 e books.

16 Excludes theses and dissertations.

25 Includes bibliographic utility fees.

#### **SUNY-BUFFALO**

Includes Health Sciences & Law libraries.

1a Volumes held June 30, 2006 revised to 3,606,625. This number is 174,940 higher than reported in 2005-06 due to an adjustment to include e books acquired prior to 6/30/06.

| QUESTION<br>NUMBER      | FOOTNOTE  |
|-------------------------|---|
| 4                       | The increased figures are mainly the result of an increase in electronic serials, and improved gathering methodology.   |
| 4ai, 4bi                | This number includes all electronic serial counts. None have been reported on the separate HSL or Law reports.  |
| 4bii                    | Not able to de-dupe yet. Assume 10% duplication.  |
| 30                      | In addition to group presentations, 4,532 students completed the Library Skills Workbook.   |
| 32-33                   | Numbers reported are more accurate than in past years due to the implementation of a new online system.   |
| <b>SUNY-STONY BROOK</b> |   |
|                         | Includes the Astronomy Library, Math Library, Physics Library, Chemistry Library, Marine Sciences Information Center, Music Library, Science and Technology Library.  |
| 1a                      | Volumes held June 30, 2006 revised to 2,228,821.  |
| 15                      | Includes research and foundation funds and NYS Coordinated Collection Development Grant (\$91,402).   |
| 15d                     | Includes bibliographic utilities (\$326,030), ILL and document delivery (\$25,321), freight (\$41,205), and off site storage (\$46,906).  |
| 16                      | Includes funds from NYS Preservation Grant (\$8,909).   |
| 38                      | Figure includes Main Campus and Health Sciences Center faculty.   |
| <b>SYRACUSE</b>         |   |
| 25                      | We are able to determine actual costs of document delivery separate from other interlibrary loan costs associated with bibliographic utility.   |
| 39-42                   | 2005 06 figures revised to: (39) 16,044; (40) 2,690; (41) 3,916; (42) 1,913.  |
| <b>TEMPLE</b>           |   |
|                         | Includes: (on main campus) Science, Engineering & Architecture Library (SEAL), Charles L. Blockson Afro American Collection. On branch campuses: Ambler Library, Tyler School of Art Library, Harrisburg Library.   |
| 1a                      | Volumes held June 30, 2006 revised to 3,072,111. Number revised to include the following records added: another portion of our Arabic collection.   |
| 26b                     | Includes security guard for main library, funded by university budget.  |
| 26c                     | Decreased number due to closure of 5 departmental libraries, and reduction in number of student hours at several other service points.  |
| 27                      | Decrease was due to the closure of 5 departmental libraries.  |
| <b>TENNESSEE</b>        |   |
|                         | Includes the Health Sciences libraries, which consists of the University of Tennessee Health Sciences Library, Memphis; the Preston Medical Library and the Knoxville part of College of Medicine in Memphis. Includes the Law library and the reporting for Main contains the University Libraries, Knoxville and UT Space Institute, Tullahoma. |
| 1a                      | Volumes held June 30, 2006 revised to 3,183,181.  |
| 4                       | Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .   |
| 4a                      | Main Titles Purchased: Electronic 20,909 (of original 20,974) (4a.i), Print 3,977 (of original 4,114) (4a.ii), Total 24,886 (of original 25,088) (4a).  |
| 4b                      | Main Titles Not Purchased: Electronic 9393 (of 9558) (4b.i), Print 6974 (of 6975) (4b.ii), Total 16367 (of 16533) (4b).   |
| 15                      | In prior years, the expenditures for Miscellaneous (15d) were attributed to Serial expenditures (15b), thus inflating the total Serial expenditures. This year we were able to better define our Miscellaneous expenditures. Because of this, our serial expenditures have decreased somewhat from 2005–2006.                                     |
| <b>TEXAS</b>            |   |
|                         | All figures are as of 08/31/2007.   |
|                         | Includes the University of Texas at Austin Libraries, the Center for American History, the Tarlton Law Library, and the Humanities Research Center.   |
| 1a                      | Volumes held June 30, 2006 revised to 9,228,465. Adjusted by 206,102 volumes to include e book sets for ARTFL, CIAO, EBL, Ebrary, Gerritsen, Humanities E-books, LION, Making of America, Making of Modern Law, netLibrary, OECD, Oxford Reference Books Online, Sabin Americana, and World Bank eLibrary.  |
| 4                       | Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .   |
| 15                      | Includes total expenditures for library materials of \$13,396,520 by the University Libraries, \$1,505,540 by the Tarlton Law Library, \$2,885,675 by the Humanities Research Center, and \$59,289 by the Center for American History.  |
| 17c                     | Includes federal work study funds.  |

| QUESTION<br>NUMBER   | FOOTNOTE   |
|----------------------|--|
| 30                   | Includes users of online tutorials.  |
| 32                   | HRC does not renew its manuscripts and materials; their use is confined to a reading room.   |
| 36                   | Does not include EdD degrees.  |
| <b>TEXAS A&amp;M</b> |  |
|                      | All figures are as of 08/31/2007.  |
|                      | Includes the Sterling C. Evans Library, Annex Library, Medical Sciences Library, Jack Williams Library (Galveston), Architecture Library, Cushing Memorial Library, West Campus Library, Policy Sciences and Economics Library, TAMU Qatar Library.  |
| 1bii-2               | New way of counting e books that relies upon mining the database using a computer algorithm rather than relying upon manual methods of counting.   |
| 12                   | Reflects purchases for pilot iPod program, Smithsonian collection, increased faculty requests, world music recordings, increased number of audio bestsellers and beginning of WCL Business Audio Books collection.   |
| 15a                  | Increase result of additional funding from the Health Sciences Center as well as special one time funds that were allocated for 2006-07.   |
| 15c                  | Increase due to availability of one time funds for this fiscal year.   |
| 19                   | Figure reported in 2005-06 does not reflect expenses incurred by the Medical Sciences Library as well as an annual payment for the Joint Storage Facility.   |
| 21                   | Increase due to one time purchase of Undergraduate e books.  |
| 23b                  | Negotiation of fixed priced contracts resulted in decreased expenses.  |
| 25                   | Decrease result of an error in 2005-06 reporting by the Business Office and a deposit account that was paid for in 2005-06 that was not repeated in 2006-07.   |
| 29-30                | Increase reflects success of Libraries' outreach and instructional programs.   |
| 31                   | Implementation of a computer database to record reference transactions reflects a more accurate count.   |
| 32                   | Reflects better tracking of usage statistics.  |
| 40, 42               | New flat rate tuition resulted in decrease of part time students.  |
| <b>TEXAS TECH</b>    |  |
|                      | All figures are as of 08/31/2007.  |
|                      | Includes: Harrington Library TTUHSC / Amarillo, Montes Gallo Library of the Health Sciences TTUHSC / El Paso, Library of the Health Sciences TTUHSC / Odessa, Preston Smith HSC Library, Architecture Library, Museum Library, Geosciences Library, Vietnam Archives Library, Southwest Collections / Special Collections Library.   |
| <b>TORONTO</b>       |  |
|                      | All figures are as of 04/30/2007.  |
|                      | Includes the Main Libraries; Campus and Federated & Affiliated Libraries: Architecture, Astronomy, Business, Chemistry, Criminology, Dentistry, Earth Sciences, Engineering & Computer Sciences, Fine Art, Industrial Relations, Information Studies Forum, Innis College, Knox College, Law, Massey, Music, New College, Physics, Inst. of Policy Analysis, Regis College, Royal Ontario Museum, St. Augustine Seminary, St. Michael's College, Trinity College, University College, U of T Schools, Victoria College. Branch Campuses libraries include the U of T Mississauga, and U of T Scarborough. Hospital Libraries: Baycrest, Bloorview Kids Rehab, Mt. Sinai Hospital, St. Michael's Hospital, Toronto Rehab. |
| 15-25                | Expenditures as reported in Canadian dollars: (15a) \$8,769,966; (15b) \$12,107,732; (15c) \$4,548,782; (15d) NA/UA; (15) \$25,426,480; (16) \$381,611; (17a) \$16,370,271; (17b) \$15,850,587; (17c) \$3,878,352; (17) \$36,099,210; (19) \$6,420,671; (20) \$68,327,972; (21) \$334,484; (22) \$3,584,199; (23a) \$1,921,449; (23b) NA/UA; (24) \$3,249,535; (25) \$51,098.  |
| 1a                   | Volumes held June 30, 2006 revised to 10,519,313. Adjusted from 2005 06 ending total due to a recount from Zoology Library.  |
| 1bi-1bii             | The increases in these two answers are the results from the closing of the Zoology Library. Its materials were transferred to the Gerstein Science Information Centre and Earth Sciences Library.  |
| 16                   | Binding budget was frozen since November 2006.   |
| <b>TULANE</b>        |  |
|                      | Included: Turchin Business Library and the Nadine Vorhoff Library for the Newcomb Center for Research on Women.  |
| 1a                   | Volumes held June 30, 2006 revised to 3,065,225.   |

## UTAH

- |   |  |
|---|--|
| 4 | In order for the data tables to total correctly, the following sub-totals for Serials Currently Received for the Marriott Library (main) were marked UA/NA. The values for these questions are listed here in order: (4a) 22,298; (4ai) 14,047; (4aii) 8,251; (4b) 15,126; (4bi) 15,126; (4bii) 0. |
|---|--|

## VANDERBILT

- |     |   |
|-----|---|
| 8   | Computer files for the main library, health sciences library, and law library were reported as 10,718 for 2005-2006. That number was incorrect. The correct figure was 9,224. |
| 13  | This number includes 7,500 film reels in Special Collections which were not previously counted.   |
| 17c | Federal funds for the work study students have been added to this total for the first time.   |
| 38  | The university was unable to provide us with this information for 2005-06, so we reported the 2006-07 number. Therefore, we are reporting that same number again this year.   |
| 39  | We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 10,895.   |
| 40  | We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 586.  |
| 41  | We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 4,600.  |
| 42  | We reported Fall 2006 in 2005-06 instead of Fall 2005. The correct figure for 2005-06 was 479.  |

## VIRGINIA

Includes: Alderman (Main), Astronomy, Biology/Psychology, Brown Science & Engineering, Chemistry, Clemons Undergraduate, Education, Fiske Kimball Fine Arts, Math, Music, Physics, Small Special Collections libraries.

(4) and (36 42) are reported for the University Library only but apply to all of the UVa libraries.

- |      |   |
|------|---|
| 1    | Darden Library holds no e-books.  |
| 1a   | Volumes held June 30, 2006 revised to 5,466,161. Includes 340,535 e-books not included in previous surveys. This the number of e-books held as of 6/30/07. We could not determine how many we held as of 6/30/06.   |
| 1bi  | This number represents print volumes only.  |
| 1bii | Clemons Undergraduate Library withdrew nearly 16,000 items in 2006-07.  |
| 4    | Numbers reported are for University Library, Darden Graduate Business, Law, and Health Sciences, as all libraries have access to all electronic resources.<br>Serials for all libraries are reported on the University Library (main) survey only (Darden Library). |
| 15a  | Print monograph expenditures only.  |
| 17c  | Student figures include part time wage and temp workers who are not students.   |
| 18   | Fringe benefits are included.   |
| 36   | Degree and faculty figures reported are for the entire University.  |
| 39   | Enrollment figures are for the entire University.   |

## VIRGINIA TECH

Includes 2 branch libraries: Art/Architecture and Vet/Med Libraries.

## WASHINGTON

Includes the Main, Health Sciences, Law, Bothell, Tacoma libraries.

Law did not report statistics for (2), (21), (31) and (32).

- |     |  |
|-----|--|
| 1   | Includes a total of 380,623 e books.   |
| 1bi | Includes 100,758 e books added this year.  |
| 15  | Substantial increase in monograph and serial expenditures due in part to typical spending increase in second year of biennium. |
| 38  | Institution changed method of counting faculty to conform to national definitions.   |

## WASHINGTON STATE

Includes WSU Vancouver, WSU Tri Cities, WSU Energy Library, WSU Spokane, and WSU Intercollegiate College of Nursing.

- |    |  |
|----|--|
| 1a | Volumes held June 30, 2006 revised to 2,277,785.   |
| 4  | Increase from previous year is due to a change in the method of collecting the statistic, not to an actual increase in serial holdings. 22,197 title had identifiable ISSNs. |
| 10 | Figure for 2005 06 included 5,000 items not reported in 2004 05 or 2006 07.  |



| QUESTION<br>NUMBER             | FOOTNOTE   |
|--------------------------------|--|
| 25                             | Figure for 2005 06 was incomplete.   |
| 27                             | Figure for 2005 06 was misreported.  |
| <b>WASHINGTON U.-ST. LOUIS</b> |  |
|                                | Includes the Law, Medicine, Social Work libraries and the libraries under Central Administration (Art, Biology, Business, Chemistry, Earth Sciences, East Asian, Math, Music).   |
| 1a                             | Volumes held June 30, 2006 revised to 4,116,242. Includes 334,206 electronic books.  |
| 2                              | Includes 1,762 electronic books from Safari.   |
| 19                             | Includes \$1,924,942 in fringe benefits that are included in the library budget.   |
| 31                             | Figures unavailable for law Library.   |
| 32                             | Figures unavailable for Medical Library.   |
| <b>WATERLOO</b>                |  |
|                                | All figures are as of 04/30/2007.  |
| 1                              | Includes 2,017,312 print volumes and 206,970 e books.  |
| 1a                             | Volumes held June 30, 2006 revised to 2,055,131. Previously reported 2005/06 total excluded e books; number adjusted to include 2,008,232 print volumes and 46,899 e books.  |
| 1bi                            | Includes 28,893 print volumes and 160,071 e books.   |
| 2                              | Includes 159,283 e books.  |
| 4                              | Serial counts are subscriptions; title counts not available; de duped counts not available.  |
| 4bii                           | Included in 4.a.ii   |
| 12                             | Audio collection weeded in 2006-07.  |
| 15-25                          | Expenditures as reported in Canadian dollars: (15a) \$1,142,933; (15b) \$4,492,895; (15c) \$652,062; (15d) \$423,911; (15) \$6,711,801; (16) \$59,700; (17a) \$2,645,566; (17b) \$3,693,392; (17c) \$785,991; (17) \$7,124,949; (19) \$1,672,863; (20) \$15,569,313; (21) \$652,062; (22) \$3,289,834; (23a) \$21,906; (23b) \$0; (24) \$778,795; (25) \$38,698.   |
| 15a                            | Some e books expenditures included in other lines.   |
| 15b                            | The significant decrease over 2005-06 relates to a ledger adjustment carried forward from 2005-06.   |
| 15c                            | Increase over previous year relates to one time funding for backfile purchases.  |
| 15d                            | Includes bibliographic utilities, taxes, ILL/DD, shipping, evaluations, e reserves.  |
| 17                             | Salary and personnel figures are current to April 30, 2007.  |
| 19                             | Decrease from previous year relates to extraordinary one time project funding in 2005-06.  |
| 27                             | Davis Attendant Desk closed in 2006-07.  |
| <b>WAYNE STATE</b>             |  |
|                                | All figures are as of 09/30/2007.  |
|                                | Includes the Reuther Archives of Labor and Urban affairs, the Shiffman Medical library, and the Neef Law Library.  |
|                                | The Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library.  |
| 4                              | Provided detailed information on method for counting serials. For more information see: <a href="http://libraryassessment.info/?cat=28">http://libraryassessment.info/?cat=28</a> .  |
| 9                              | Estimated.   |
| 19                             | The decrease from 2005-06 is comprised of two major components. First, an error was discovered in the accumulation of Other Operating Expenditures for 2005-06. The corrected total for 2005-06 is \$2,405,755. Secondly, the university, in response to unanticipated cuts in state funding implemented a budget reduction and cost containment program that froze spending for all but critical needs for the last quarter of 2006-07. Over \$500,000 of routine library expenditures were deferred as a result. |
| 20                             | The corrected total for 2005-06 Total Library Expenditures is \$19,099,776.  |
| 30                             | The reported number of participants in 2005 06 should have been 12,908.  |
| 36                             | Includes Ed.D. degrees.  |
| <b>WESTERN ONTARIO</b>         |  |
|                                | All figures are as of 04/30/2007.  |

| QUESTION<br>NUMBER | FOOTNOTE  |
|--------------------|---|
|                    | Includes the ARCC, Business, Education, Law, Music, The D.B. Weldon (Arts & Humanities, Social Science, Information and Media Studies), and Allyn & Betty Taylor (Engineering, Health Sciences, Medicine & Dentistry, and Science) libraries.   |
| 1                  | Includes 345,374 e books.   |
| 1a                 | Volumes held June 30, 2006 revised to 3,310,325. The last of the Western Libraries has moved from a manual count to a fully automated count. The 2005-06 count was adjusted to accommodate a large discrepancy between the manual and automated counts for that library.  |
| 2                  | Includes 64,503 e books purchased.  |
| 11                 | London Free Press Negative Collection.  |
| 12-13              | Count includes Music Library only.  |
| 15-25              | Expenditures as reported in Canadian dollars: (15a) \$2,260,546; (15b) \$9,381,613; (15c) NA/UA; (15d) \$0; (15) \$11,642,159; (16) \$117,695; (17a) \$4,261,931; (17b) \$3,895,483; (17c) \$326,241; (17) \$8,483,655; (19) \$1,013,672; (20) \$21,257,181; (21) \$67,216; (22) \$6,937,203; (23a) \$150,000; (23b) \$0; (24) \$280,348; (25) \$0. |

## WISCONSIN

- Includes the following libraries: Memorial, Archives, Special Collections, Kohler Art, Biology, Business, Chemistry, College, Geography, Geology and Geophysics, Keene Math, Mills Music, Physics, Social Science, Social Work, Steenbock Agriculture and Life Sciences, Wendt Engineering, Wisconsin Historical Society, Robinson Map, Center for Instructional Media, Primate, School of Library and Information Science, Law, and Ebling Health Science.
- 1a Volumes held June 30, 2006 revised to 7,828,636. Adjusted entry from previous year subtracted 186,455 e-books previously recorded.
- 4 Does not include an additional 7,133 titles which may or may not be unique.
- 4ai-4aii Includes serials purchased and received but not purchased unable to separate the counts.
- 4bi-4bii Numbers reflect Historical Society collection only.

## YALE

- Includes the following libraries: Art & Architecture Library, Beinecke Rare Book and Manuscript Library, Chemistry Library, Classics Library, Cross Campus Library, Divinity School Library, Drama Library, Engineering & Applied Science Library, Epidemiology & Public Health Library, Forestry & Environmental Studies Library, Geology Library, Kline Science Library, Lewis Walpole Library, Library Shelving Facility, Mathematics Library, Medical Library [Harvey Cushing/John Hay Whitney Medical Library], Mudd Library [Seeley G. Mudd Library], Music Library [Irving S. Gilmore Music Library], Nursing Library & Information Resources, Social Sciences Libraries & Information Services, Sterling Memorial Library, Statistics Library.
- For details describing libraries at Yale see: <http://www.library.yale.edu/assessment/stats/officialYULcount.doc>. The Law Library is included except as noted.
- 1a Volumes held June 30, 2006 revised to 12,032,523. Added 6,828 volumes to figure reported in 2005-06 as number of aggregated e book purchases.
- 8 Note: Since 2002-03 we note the number added only in the notes field. Count of computer files added in 2006-07 is ( 207); we are not reporting cumulative figures
- 27 Note: two libraries were closed for academic year due to renovation.
- 32-33 Does not include Law Library activities. Yale University Library figures include reserve circulations since we are unable to exclude these.
- 34-35 These include Law Library activity.
- 36 This is the doctoral degrees taken from the IPEDS Survey of Degrees granted. First professional degrees are not included.
- 37 First Professional fields not included.
- 38 Number is full time ladder faculty at the University.

## YORK

- All figures are as of 04/30/2007.
- Includes the Scott Library, Bronfman Business Library, Steacie Science and Engineering Library, Frost Library (Glendon college), Osgoode Law School Library.
- 1a Volumes held June 30, 2006 revised to 2,697,480. 2005-06 figures did not include e books: 171,156. These were not necessarily all added this year but need to be included in the overall figure.
- 15-25 Expenditures as reported in Canadian dollars: (15a) \$2,131,807; (15b) \$7,535,079; (15c) \$179,067; (15d) \$93,855; (15) \$9,939,808; (16) \$156,918; (17a) \$5,211,828; (17b) \$4,869,674; (17c) \$1,199,787; (17) \$11,281,289; (19) \$1,900,967; (20) \$23,278,982; (21) \$950,378; (22) \$3,738,606; (23a) \$248,168; (23b) NA/UA; (24) \$314,009; (25) \$23,467.

## APPENDIX A: ARL MEMBER LIBRARIES AS OF JANUARY 1, 2008

The Association of Research Libraries (ARL) represents the interests of 123 libraries that serve major North American research institutions. The ARL Statistics and Measurement program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries.

| <b>Institution</b>        | <b>Category</b> | <b>Full Name of Institution</b>         | <b>Location</b>             |
|---------------------------|-----------------|---|-----------------------------|
| 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, DC              |
| Georgetown                | P               | Georgetown University                   | Washington, DC              |
| 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              |

| <b>Institution</b>   | <b>Category</b> | <b>Full Name of Institution</b>       | <b>Location</b>               |
|----------------------|-----------------|---------------------------------------|-------------------------------|
| Howard               | P               | Howard University                     | Washington, DC                |
| 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        |
| 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                |

| <b>Institution</b>            | <b>Category</b> | <b>Full Name of Institution</b>                     | <b>Location</b>            |
|-------------------------------|-----------------|---|----------------------------|
| 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 Libraries | N               | Center for Research Libraries                       | Chicago, Illinois          |
| Library of Congress           | N               | Library of Congress                                 | Washington, DC             |
| National Agricultural Library | N               | National Agricultural Library                       | Beltsville, Maryland       |
| Library and Archives Canada   | X               | Library and Archives Canada                         | Ottawa, Ontario            |
| Naionat. 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, DC             |

S: US public university  
 P: US private university  
 C: Canadian university  
 N: US nonuniversity  
 X: Canadian nonuniversity



## APPENDIX B: BIBLIOGRAPHY

### PART A: Selected Articles from the ARL Newsletter

- "The ARL Membership Criteria Index." *ARL: A Bimonthly Newsletter of Research Library Issues and Actions* 197 (April 1998): 9.
- "Assessing ILL/DD Services: New Cost-Effective Alternatives." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 9.
- Askew Waller, Consuella, and Kaylyn Hipps. "Using LibQUAL+ and Developing a Culture of Assessment in Libraries." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 221 (April 2002): 10-11.
- Case, Mary M. "A Snapshot in Time: ARL Libraries and Electronic Journal Resources." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 235 (August 2004): 1-10.
- \_\_\_\_\_. "The Impact of Serial Costs on Library Collections." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 218 (October 2001): 9.
- Case, Mary M. and Judith Matz. "Framing the Issue: Open Access." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 226 (February 2003): 8-10.
- Case, Mary M. and Prudence Adler. "Promoting Open Access." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 220 (February 2002): 1-5.
- "Collections & Access for the 21<sup>st</sup>-Century Scholar: Changing Roles of Research Libraries." Report from the ARL Collections & Access Issues Task Force. *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 225 (December 2002).
- Cook, Colleen, Fred Heath, and Bruce Thompson. "A Brief LibQUAL+ Phase One Progress Report." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 219 (December 2001): 7.
- Crowe, William. "The End of History? Reflections on a Decade." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 226 (February 2003): 12-13.
- Crow, Raym. "The Case for Institutional Repositories: A SPARC Position Paper." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 223 (August 2002): 1-4.
- "The Future of Human Resources in Canadian Libraries." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 240 (June 2005): 9.
- Grosetta Nardini, Holly. "Building a Culture of Assessment." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 218 (October 2001): 11.
- Groves, Richard. "Sharing Best Practices by Disseminating Assessment Results via the Web." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 6.

- Guedon, Jean-Claude. "Beyond Core Journals and Licenses: The Paths to Reform Scientific Publishing." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 218 (October 2001): 1-8.
- Hahn, Karla. "The State of the Large Publisher Bundle: Findings from an ARL Member Survey." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 245 (April 2006).
- Hipps, Kaylyn. "Diversity in the U.S. ARL Library Workforce." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 246 (June 2006): 1-2.
- Johnson, Richard K. "Whither Competition?" *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 217 (August 2001): 12-14.
- Kyrillidou, Martha. "Reshaping ARL Statistics to Capture the New Environment." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 256 (February 2008): 9-11.
- \_\_\_\_\_. "The Impact of Electronic Publishing on Tracking Research Library Investments in Serials." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 249 (December 2006): 6-7.
- \_\_\_\_\_. "The Future of Librarians in the U.S. Workforce." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 246 (June 2006): 5.
- \_\_\_\_\_. "ARL University Libraries' Spending Trends." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 242 (October 2005): 10.
- \_\_\_\_\_. "LibQUAL+™ in 2004." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 6.
- \_\_\_\_\_. "Serials Trends Reflected in the ARL Statistics 2002-03." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 234 (June 2004): 14-15.
- Kyrillidou, Martha, and William Crowe. "In search of new measures." *ARL: A Bimonthly Newsletter of Research and Library Issues and Actions* 197 (April 1998): 8-10.
- Kyrillidou, Martha, and Kaylyn Hipps. "Symposium on Measuring Library Service Quality." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 215 (April 2001): 9-11.
- Lippincott, Sarah, and Martha Kyrillidou. "How ARL University Communities Access Information: Highlights From LibQUAL+™." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 7-8.
- Lynch, Clifford. "Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 226 (February 2003): 1-7.
- "Making Library Assessment Work." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 240 (June 2005): 9.
- Shim, Wonsik "Jeff", Charles McClure, and John Carlo Bertot. "Measures and Statistics for Research Library



Networked Services: ARL E-Metrics Phase II Report." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 219 (December 2001): 8-9.

Stuber, Peter. "Where does the Free Online Scholarship Movement Stand Today?" *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 220 (February 2002): 9-15.

Unsworth, John M. "The Crisis in Scholarly Publishing in the Humanities." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 228 (June 2003): 1-4.

Wetzel, Karen, and Mary Jackson. "Portal Functionality Provided by ARL Libraries: Results of an ARL Survey." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 222 (June 2002): 7-9.

Wilder, Stanley. "New Hires in Research Libraries: Demographic Trends and Hiring Priorities." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 221 (April 2002): 5-8.

Young, Mark. "ARL Salary Survey Highlights." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 246 (June 2006): 4.

## **PART B: Related Books and Articles Published in Other Sources**

Arms, William. "Quality Control in Scholarly Publishing on the Web." *The Journal of Electronic Publishing* 8, no. 1 (August 2002).

Baumol, W. J., and M. Marcus. *Economics of Academic Libraries*. Washington, DC: American Council of Education, 1973.

Bertot, John Carlo, Charles McClure, and Joe Ryan. *Statistics and Performance Measures for Public Library Networked Services*. Chicago: American Library Association, 2001.

Blixrud, Julia. "The Association of Research Libraries Statistics and Measurement Program: From Descriptive Data to Performance Measures." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.

Carlson, Scott. "The Deserted Library: As Students Work Online, Reading Rooms Empty Out – Leading Some Campuses to Add Starbucks." *The Chronicle of Higher Education*, November 16, 2001.

Clapp, V. W. *The Future of the Research Library*. Urbana: University of Illinois Press, 1964.

Coffman, Steve. "Building Earth's Largest Library: Driving into the Future." *Searcher* 7, no. 3 (March 1999).

Competition Commission of the United Kingdom. *Reed Elsevier plc and Harcourt General, Inc.: A report on the proposed merger*, presented to Parliament by the Secretary of State and Trade and Industry by Command of Her Majesty, July 2001.

Cook, Colleen, Fred Heath, Martha Kyrillidou, and Duane Webster. "The Forging of Consensus: A Methodological Approach to Service Quality Assessment in Research Libraries – the LibQUAL+ Experience." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information*

*Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.

Cook, Colleen, Fred Heath, and Bruce Thompson. "Score norms for improving library service quality: A LibQUAL+ study." *portal: Libraries and the Academy* 2 (2002): 13-26.

Cook, Colleen, Fred Heath, Bruce Thompson, and Duane Webster. "LibQUAL+™ Preliminary Results from 2002." *Performance Measurement and Metrics* 4, no. 1 (2003): 38-47.

Cook, Colleen, Fred Heath, Bruce Thompson, and Russell Thompson. *The Search for New Measures: The ARL LibQUAL+Project--A Preliminary Report*. Baltimore: Johns Hopkins University Press, 2001. Accessed on the Internet at <<http://muse.jhu.edu/demo/pla/1.1cook.html>> on August 22, 2001.

\_\_\_\_\_. "LibQUAL+: Service Quality Assessment in Research Libraries." *IFLA Journal* 27 (2001): 264-8.

Council on Library and Information Resources. *A Different Approach to the Evaluation of Research Libraries*. Research Brief 6. Washington, DC: The Council, 1998.

Cronenwett, Philip N., Kevin Osborn, Samuel A. Streit, eds. *Celebrating Research: Rare and Special Collections from the Membership of the Association of Research Libraries*. Washington, DC: Association of Research of Libraries, 2007.

Crow, Raym. "The Case for Institutional Repositories: A SPARC Position Paper." Washington, DC: Scholarly Publishing & Academic Resources Coalition, 2002.

Cummings, Anthony M., et al. *University Libraries and Scholarly Communication: A Study Prepared for The Andrew W. Mellon Foundation*. Washington, DC: Association of Research Libraries, 1992.

Cummings, M. M. *The Economics of Research Libraries*. Washington, DC: Council on Library Resources, 1986.

Downs, Robert B. "The Growth of Research Collections." *Library Trends: American Library History: 1876-1976* 25 (July 1976): 55-80.

\_\_\_\_\_. "Uniform Statistics for Library Holdings." *Library Quarterly* 16 (January 1946): 63-69.

Drake, Miriam A. "Forecasting Academic Library Growth." *College and Research Libraries* 37 (January 1976): 53-59.

Frazier, Kenneth. "The Librarians' Dilemma: Contemplating the Costs of the 'Big Deal,'" *D-Lib Magazine* 7, no. 3 (March 2001), viewed online at <http://www.dlib.org/dlib/march01/frazier/03frazier.html>.

Gooden, Paul, Matthew Owen, and Sarah Simon. *Scientific Publishing: Knowledge is Power*. New York: Morgan Stanley, 2002.

Hayes, Robert M. *Strategic Management for Academic Libraries: A Handbook*. Westport, Conn.: Greenwood Press, 1993.

Heath, Fred, Colleen Cook, Martha Kyrillidou, and Bruce Thompson. "ARL Index and other validity correlates of LibQUAL+ scores." *portal: Libraries and the Academy* 2 (2002): 27-42.

- Hernon, Peter, and Robert E. Dugan. *Action Plan for Outcomes Assessment in Your Library*. Chicago: American Library Association, 2002.
- Hernon, Peter, and John R. Whitman. *Delivering Satisfaction and Service Quality*. Chicago: American Library Association, 2001.
- Hernon, Peter, and Ellen Altman. *Assessing Service Quality*. Chicago: American Library Association, 1998.
- Hightower, Christy, Julie Sih, and Adam Tilgham. "Recommendations for Benchmarking Web Site Usage Among Academic Libraries." *College and Research Libraries* 59 (January 1998): 61-79.
- Steve Hiller, Martha Kyrillidou and Jim Self, "Assessment in North American research libraries: a preliminary report card." *Performance Measurement and Metrics* 7 (2) (2006): 100-6.
- Jackson, Mary E. *Measuring the Performance of Interlibrary Loan Operations in North American Research & College Libraries*. Washington, DC: Association of Research of Libraries, 1998.
- Johnson, Richard K. "A Question of Access: SPARC, BioOne, and Society-Driven Electronic Publishing." *D-Lib Magazine* (May 2000), accessed on the Internet at <<http://www.dlib.org/dlib/may00/johnson/05johnson.html>> on August 21, 2001.
- Johnson, Richard K, and Judy Luther. "The E-Only Tipping Point for Journals." Washington, DC: Association of Research of Libraries, 2007.
- Kling, Rob, Lisa Spector, and Geoff McKim. "The Guild Model." *The Journal of Electronic Publishing* 8, no. 1 (August 2002).
- Kuhlman, A. F. "Two ARL Approaches to Counting Holdings of Research Libraries." *College and Research Libraries* 21 (May 1960): 207-11.
- Kyrillidou, Martha. "Library Assessment as a collaborative enterprise." *Resource Sharing and Information Networks* 1/2 (Special 2005-06 issue on the theme "Creative Collaborations: Libraries Within Their Institutions and Beyond"): 73-87.
- Kyrillidou, Martha. "From Input and Output Measures to Quality and Outcome Measures, or, from the User in the Life of the Library to the Library in the Life of the User." *The Journal of Academic Librarianship* 28, no. 1 (January-March 2002): 42-46.
- \_\_\_\_\_. "To Describe and Measure the Performance of North American Research Libraries." *IFLA Journal* 27 (2001, No. 4): 257-63.
- \_\_\_\_\_. "Research Library Trends: *ARL Statistics*." Washington, DC: Association of Research Libraries, 2001. Accessed on the Internet at <<http://www.arl.org/stats/arlstat/jal99.html>> on August 22, 2001.
- Kyrillidou, Martha, and Fred Heath, eds. "Measuring Service Quality." *Library Trends* 49 (Spring 2001).
- Lakos, Amos. "Culture of Assessment as a Catalyst for Organizational Culture Change in Libraries." *Proceedings from*

*the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.

Lavoie, Brian, Lynn Silipigni Connaway, and Lorcan Demsey. "Anatomy of aggregate collections: the example of Google Print for libraries" *D-Lib Magazine* (September 2005) 11 (9): <http://www.dlib.org/dlib/september05/lavoie/09lavoie.html> .

Lynch, Clifford A., and Joan K. Lippincott. "Institutional repository deployment in the United States as of early 2005" *D-Lib Magazine* (September 2005) 11 (9): <http://www.dlib.org/dlib/september05/lynch/09lynch.html> .

Mekkawi, Mod. "The ARL Library Index as a Decision-Making Tool." *College and Research Libraries* 43 (September 1982): 396-401.

Miller, Rush, and Sherrie Schmidt. "E-Metrics: Measures for Electronic Resources." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.

Miller, Rush, Sherrie Schmidt, and Martha Kyrillidou. "New Initiatives in Performance Measures." *Global Issues in 21<sup>st</sup> Century Research Librarianship*, edited by Sigrun Klara Hannesdottir. Helsinki: NORDINFO, 2002.

Molyneux, Robert E. "What Did Rider Do? An Inquiry into the Methodology of Fremont Rider's *The Scholar and the Future of the Research Library*." *Libraries and Culture* 29 (Summer 1994): 297-325.

\_\_\_\_\_. "Patterns, Processes of Growth, and the Projection of Library Size: A Critical Review of the Literature on Academic Library Growth." *Library and Information Science Research* 8 (January-March 1986): 5-28.

\_\_\_\_\_. *The Gerould Statistics 1907/08 - 1961/62*. Washington, DC: Association of Research Libraries, 1986.

Molyneux, Robert E., and Robert V. Williams. "Measuring the Internet." *Annual Review of Information Science and Technology* 34 (1999-2000): 287-339.

Morris, Dilys E., Collin B. Hobert, Lori Osmus, and Gregory Wool. "Cataloging Staff Costs Revisited." *LRTS* 44 (2000): 70-83.

Nitecki, Danuta, and Toni Olshen. "Developing Service Quality Measurement Skills Through and Online Course for Librarians." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.

O'Connor, Lisa, Carolyn Radcliff, and Julie Gedeon. "Applying Systems Design and Item Response Theory to the Problem of Measuring Information Literacy Skills." *College and Research Libraries* 63, no. 6 (2002): 528-543.

Piternick, George. "ARL Statistics—Handle With Care." *College and Research Libraries* 38 (September 1977): 419-23.

\_\_\_\_\_. "Library Growth and Academic Quality." *College and Research Libraries* 24 (May 1963): 223-29.

- Rider, Fremont. *The Scholar and the Future of the Research Library*. New York: Hadham Press, 1944.
- Roche, Marilyn M. *ARL/RLG Interlibrary Loan Cost Study*. Washington, DC: Association of Research Libraries, 1993.
- Rosenblatt, Susan. "Developing Performance Measures for Library Collections and Services." Chap. 18 in *The Mirage of Continuity: Reconfiguring Academic Information Resources for the 21st Century*, edited by Brian L. Hawkins and Patricia Battin. Washington, DC: Council on Library and Information Resources, 1998.
- Shim, Wonsik, Charles McClure, and John Carlo Bertot. "Preliminary Statistics and Measures for ARL Libraries to Describe Electronic Resources and Services." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.
- Stubbs, Kendon. "Access and ARL membership criteria." *Proceedings of the 125<sup>th</sup> Meeting of the Association of Research Libraries* (1993): 117-22.
- \_\_\_\_\_. "University Libraries: Standards and Statistics." *College and Research Libraries* 42 (November 1981): 527-38.
- \_\_\_\_\_. "Apples and Oranges and ARL Statistics." *Journal of Academic Librarianship* 14 (September 1988): 231-35.
- \_\_\_\_\_. "On the ARL Library Index." Paper presented at the 108<sup>th</sup> meeting of Research Libraries: Measurement, Management, Marketing (May 1986): Minneapolis, MN.
- \_\_\_\_\_. "Lies, damned lies, ... and ARL Statistics?" Paper presented at the 108<sup>th</sup> meeting of Research Libraries: Measurement, Management, Marketing (May 1986): Minneapolis, MN.
- Thompson, Bruce. "Some Alternative Quantitative Library Activity Descriptions/Statistics that Supplement the ARL Logarithmic Index." Washington, DC: ARL, 2006.
- Thompson, Bruce, Colleen Cook, and Russell Thompson. "Reliability and structure of LibQUAL+ scores." *portal: Libraries and the Academy* 2 (2002): 3-12.
- van Westrienen, Gerard, and Clifford A. Lynch. "Academic Institutional Repositories: deployment status in 13 nations as of mid 2005" *D-Lib Magazine* (September 2005) 11 (9): <http://www.dlib.org/dlib/september05/westrienen/09westrienen.html>.
- Weiner, Sharon. "Library quality and impact: Is there a relationship between new measures and traditional measures?" *Journal of Academic Librarianship* 31 (2005): 432-7.
- Wilder, Stanley J. *The Age Demographics of Academic Librarians: A Profession Apart. A Report Based on Data from the ARL Annual Salary Survey*. Washington, DC: Association of Research Libraries, 1995.
- Williams, Robert V. "The Making of Statistics of National Scope on American Libraries, 1836-1986: Purposes, Problems, and Issues." *Libraries and Culture* 26 (Spring 1991): 464-85.
- Wysocki, Bernard. "Scholarly Journals' Premiere Status is Diluted by Web." *Wall Street Journal*, May 23, 2005; Page A1.

