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ARL ACADEMIC
HEALTH SCIENCES
LIBRARY STATISTICS
2002-03

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The ARL Academic Health Sciences Library Statistics datafiles,
with accompanying documentation, are available at <<http://www.arl.org/stats/lawmed/>>.

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.

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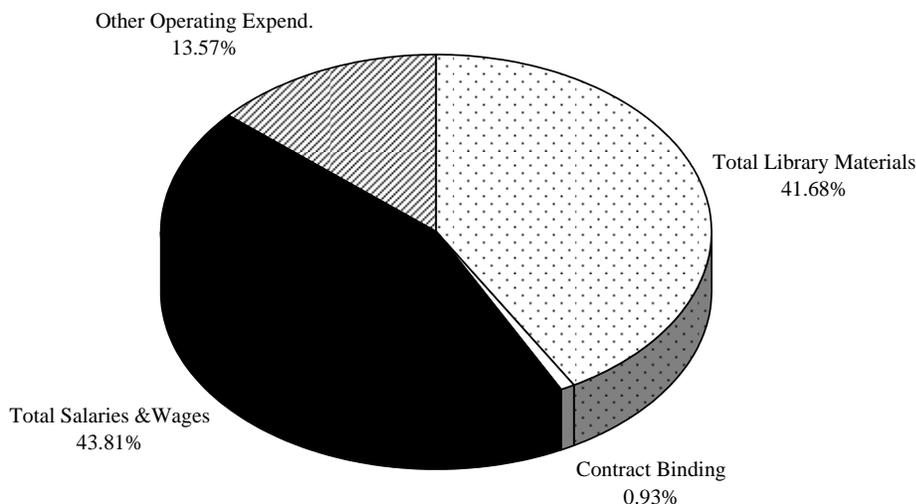
TABLE OF CONTENTS

| | |
|--|----|
| Highlights: ARL Academic Health Sciences Library Statistics, 2002-03..... | 5 |
| ARL Health Sciences Library Data Tables, 2002-03 | 7 |
| Table 1: Collections..... | 8 |
| Table 2: Expenditures..... | 12 |
| Table 3: Personnel and Public Services..... | 16 |
| Rank Order Table 1: Volumes in Library | 20 |
| Rank Order Table 2: Volumes Added (Gross)..... | 21 |
| Rank Order Table 3: Current Serials | 22 |
| Rank Order Table 4: Total Expenditures..... | 23 |
| Rank Order Table 5: Total Staff..... | 24 |
| Footnotes to the ARL Academic Health Sciences Library Statistics, 2002-03 | 25 |
| ARL Academic Health Sciences Library Statistics Questionnaire and Instructions, 2002-03 | 32 |
| Appendix: ARL Member Libraries as of January 1, 2004 | 42 |

HIGHLIGHTS
ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS, 2002-03

- **Out of 114 ARL university libraries, 65 responded to this survey.**¹
- **Health Sciences libraries reported median values of 232,559 volumes held and 5,024 gross volumes added. The full-time equivalent of 2,589 staff were employed by these libraries during the year.**
- **Responding libraries reported total expenditures of \$209,090,449.**² As seen in the graph below, staff salaries and wages made up the largest portion of that total, with 44% of aggregated expenses falling under that category.

Expenditures in ARL Health Sciences Libraries, 2002-03



¹ 71 university libraries reported a Health Sciences library on the 2002-03 *ARL Statistics*. British Columbia, Brown, Laval, Manitoba, Missouri, Oklahoma, Texas A&M, and Wayne State included Health Sciences library data with the *ARL Statistics*, but did not respond to this survey. Cornell and Indiana did not include a Health Sciences library on the *ARL Statistics*, but submitted a response to this survey.

² This figure includes Canadian universities, whose expenditures were converted to U.S. dollars at the rate of 1.51023\$ = 1 US\$, the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 2002-June 2003.

ARL HEALTH SCIENCES LIBRARY DATA TABLES
2002-03

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

| (Survey Question #) | | Volumes in Library | Volumes Added (Gross) | Volumes Added (Net) | Mono- graphs Purchased | Current Serials Purchased | Current Serials Received | Current Serials Total |
|-------------------------|-------|-----------------------|-----------------------------|---------------------------|------------------------------|---------------------------------|--------------------------------|-----------------------------|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| INSTITUTION | Notes | | | | | | | |
| ALABAMA | b+ | 18,289 | 1,100 | -125 | 481 | 345 | 109 | 454 |
| ALBERTA | + | 237,308 | 4,499 | -1,526 | U/A | 2,144 | 29 | 2,173 |
| ARIZONA | b+ | 229,395 | 5,024 | 4,200 | 1,448 | 4,598 | 529 | 5,127 |
| BOSTON | + | 138,130 | 3,264 | 3,038 | 371 | 2,895 | 118 | 3,013 |
| CALIFORNIA, DAVIS | + | 350,403 | 7,137 | 7,068 | 1,814 | 2,192 | 613 | 2,805 |
| CALIFORNIA, IRVINE | + | 280,511 | 11,976 | 9,941 | 3,712 | 2,546 | 877 | 3,423 |
| CALIFORNIA, LOS ANGELES | b+ | 626,450 | 13,116 | 11,609 | 3,337 | U/A | U/A | 4,519 |
| CALIFORNIA, SAN DIEGO | G+ | 232,453 | 7,714 | -21,860 | 2,492 | 4,169 | 1,085 | 5,254 |
| CASE WESTERN RESERVE | + | 403,069 | 4,836 | 4,836 | 913 | 2,243 | 5,490 | 7,733 |
| CHICAGO | + | 734,054 | 9,907 | 9,504 | U/A | U/A | U/A | 4,767 |
| CINCINNATI | b+ | 292,031 | 5,278 | 4,343 | 1,886 | 5,996 | 137 | 6,133 |
| COLUMBIA | + | 548,536 | 6,180 | 5,832 | 1,512 | 4,385 | 31 | 4,416 |
| CONNECTICUT | + | 200,526 | 4,511 | 342 | 1,886 | 1,487 | 10 | 1,497 |
| CORNELL | G+ | 175,637 | 4,130 | 3,635 | 992 | 2,941 | 75 | 3,016 |
| DARTMOUTH | + | 255,677 | 7,694 | 2,992 | 1,133 | 2,413 | 254 | 2,667 |
| DUKE | G+ | 285,190 | 12,567 | 12,423 | 1,116 | 4,239 | 29 | 4,268 |
| EMORY | BG+ | 227,877 | 5,151 | 4,649 | 1,017 | 1,656 | 11 | 1,667 |
| FLORIDA | BG+ | 343,074 | 7,272 | 6,274 | 2,306 | 2,248 | 27 | 2,275 |
| FLORIDA STATE | Gb+ | 7,911 | 569 | 569 | 569 | U/A | U/A | 583 |
| GEORGE WASHINGTON | b+ | 130,102 | 2,254 | 1,197 | 1,608 | 1,052 | 51 | 1,103 |
| GEORGETOWN | b+ | 136,599 | 5,545 | 3,075 | 1,278 | 1,524 | 8 | 1,532 |
| HARVARD | + | 707,824 | 13,072 | 12,621 | U/A | U/A | U/A | 2,771 |
| HOWARD | + | 266,793 | 146 | 33 | 317 | U/A | U/A | 1,089 |
| ILLINOIS, CHICAGO | + | 703,020 | 10,491 | 1,403 | 2,840 | 2,668 | 175 | 2,843 |
| INDIANA | Gb+ | 259,577 | 8,074 | 7,485 | 1,754 | 1,979 | 99 | 2,078 |
| IOWA | G+ | 316,897 | 5,216 | 4,840 | 2,340 | U/A | U/A | 2,300 |
| JOHNS HOPKINS | BG+ | 425,702 | 6,161 | 4,698 | 945 | 5,007 | 424 | 5,431 |
| KANSAS | b+ | 178,612 | 2,683 | 2,683 | 282 | 3,182 | 24 | 3,206 |
| KENTUCKY | + | 223,096 | 4,631 | 4,480 | 1,547 | 1,857 | 63 | 1,920 |
| LOUISVILLE | G+ | 232,559 | 6,370 | 6,228 | 2,550 | U/A | U/A | 4,903 |
| MCGILL | b+ | 339,240 | 4,587 | 4,523 | 0 | 2,379 | 280 | 2,659 |
| MCMASTER | + | 158,035 | 3,146 | 2,928 | 919 | 2,798 | 209 | 3,007 |
| MIAMI | + | 210,792 | 4,922 | 4,127 | 1,143 | 1,534 | 254 | 1,788 |
| MICHIGAN | Gb+ | 536,501 | 6,911 | 6,536 | 4,140 | 4,206 | 340 | 4,546 |
| MINNESOTA | + | 469,348 | 7,339 | 7,324 | U/A | 2,434 | 194 | 2,628 |
| MONTREAL | + | 331,864 | 6,417 | 6,334 | 688 | 3,097 | 821 | 3,918 |
| NEW MEXICO | b+ | 174,135 | 1,286 | -1,863 | 773 | 2,046 | 13 | 2,059 |
| NEW YORK | + | 212,223 | 9,246 | 557 | 1,172 | 5,240 | 860 | 6,100 |
| NORTH CAROLINA | + | 316,486 | 6,005 | 5,508 | 1,835 | 3,505 | 554 | 4,059 |

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

| Microform Units | Government Documents | Computer Files | Archives and Manus. | Carto- graphic Materials | Graphic Materials | Audio Materials | Video and Film | (Survey Question #) INSTITUTION |
|--------------------|-------------------------|-------------------|---------------------------|--------------------------------|----------------------|--------------------|-------------------|------------------------------------|
| (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | |
| 0 | 0 | 118 | 0 | 0 | 5,643 | 446 | 714 | ALABAMA |
| 20,000 | 0 | 147 | 0 | 0 | 0 | 0 | 755 | ALBERTA |
| 4,731 | 0 | 282 | 60 | 0 | 70,541 | 502 | 2,376 | ARIZONA |
| 27 | 0 | 54 | 712 | 0 | 17,700 | 325 | 225 | BOSTON |
| 16,591 | 0 | 166 | 0 | 0 | 364 | 3,722 | 224 | CALIFORNIA, DAVIS |
| 343,370 | 40,062 | 2,693 | 424 | 1,298 | 8,600 | 1,430 | 971 | CALIFORNIA, IRVINE |
| 60,571 | 5,788 | 1,593 | 707 | 2 | 44,560 | 3,137 | 1,491 | CALIFORNIA, LOS ANGELES |
| 16,630 | 0 | 750 | 0 | 0 | 4,370 | 2,396 | 8 | CALIFORNIA, SAN DIEGO |
| 3,750 | 0 | 100 | 816 | 0 | 51,833 | 1,379 | 1,226 | CASE WESTERN RESERVE |
| 248,923 | 0 | 0 | 0 | 0 | 0 | 0 | 1,661 | CHICAGO |
| 6,860 | 0 | 902 | 2,853 | 0 | 49,752 | 2,048 | 2,531 | CINCINNATI |
| 52,686 | 0 | U/A | 2,939 | U/A | 13,474 | U/A | U/A | COLUMBIA |
| 0 | 0 | 888 | 0 | 0 | 550 | 440 | 1,754 | CONNECTICUT |
| 12,900 | 0 | 313 | 0 | 0 | 0 | 0 | 1,717 | CORNELL |
| 13,326 | 0 | 225 | 0 | 0 | 19,592 | 6,027 | 1,593 | DARTMOUTH |
| 64 | 0 | 136 | 4,039 | 93 | 13,836 | 453 | 1,376 | DUKE |
| 46 | 0 | 532 | 218 | 0 | 0 | 2,419 | 0 | EMORY |
| 6,191 | 0 | 937 | 0 | 0 | 0 | 734 | 2,613 | FLORIDA |
| 0 | 0 | 76 | 0 | 0 | 0 | 0 | 0 | FLORIDA STATE |
| 0 | 0 | 238 | 0 | 0 | 4,042 | 1,433 | 1,958 | GEORGE WASHINGTON |
| 0 | 0 | 128 | 0 | 0 | 462 | 239 | 261 | GEORGETOWN |
| U/A | U/A | U/A | U/A | U/A | U/A | 17 | 231 | HARVARD |
| 501 | 0 | 34 | 0 | 0 | 0 | 208 | 746 | HOWARD |
| 61,616 | 0 | 170 | 1,124 | 0 | 212,164 | 2,916 | 6,447 | ILLINOIS, CHICAGO |
| 6,856 | 0 | 315 | 24 | 0 | 0 | 0 | 488 | INDIANA |
| 33,392 | 50,617 | 643 | 0 | 0 | 429 | U/A | 922 | IOWA |
| 9,463 | 0 | 505 | 0 | 0 | 392 | 1,021 | 1,301 | JOHNS HOPKINS |
| 28,755 | 0 | 0 | 0 | 0 | 373 | 121 | 5,037 | KANSAS |
| 2 | 0 | 11 | 0 | 0 | 31,598 | 1,208 | 1,127 | KENTUCKY |
| 188 | 0 | 82 | 680 | 0 | 64 | 32 | 84 | LOUISVILLE |
| 9,802 | 0 | 232 | 811 | 0 | 0 | 66 | 6,252 | MCGILL |
| 5,241 | 0 | 630 | 730 | 0 | 10 | 837 | 935 | MCMASTER |
| 2,837 | 0 | 204 | 356 | U/A | U/A | U/A | 3,019 | MIAMI |
| 521 | 0 | 168 | 3 | 0 | 2,947 | 209 | 190 | MICHIGAN |
| 66,310 | 0 | 266 | 2 | 7 | 196 | 30 | 1,207 | MINNESOTA |
| 32,787 | 0 | 221 | 0 | 0 | 12,727 | 997 | 1,584 | MONTREAL |
| 495 | 0 | 165 | 1,200 | 0 | 604 | 190 | 1,496 | NEW MEXICO |
| 308 | 0 | 909 | 975 | 0 | 7,822 | 433 | 1,621 | NEW YORK |
| 32,461 | 0 | 444 | 0 | 0 | 0 | 3,487 | 1,096 | NORTH CAROLINA |

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

| (Survey Question #) | | Volumes in Library | Volumes Added (Gross) | Volumes Added (Net) | Mono- graphs Purchased | Current Serials Purchased | Current Serials Received | Current Serials Total |
|-------------------------|-------|-----------------------|-----------------------------|---------------------------|------------------------------|---------------------------------|--------------------------------|-----------------------------|
| | | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| INSTITUTION | Notes | | | | | | | |
| NORTHWESTERN | + | 272,679 | 3,785 | -2,705 | 991 | U/A | U/A | 2,540 |
| OHIO | + | 146,772 | 1,382 | 1,376 | 977 | 724 | 2,274 | 2,998 |
| OHIO STATE | BG+ | 211,043 | 6,800 | 257 | 1,917 | 3,657 | 1,851 | 5,508 |
| OKLAHOMA STATE | Gb+ | 56,648 | 754 | 690 | 541 | 433 | 26 | 459 |
| PENNSYLVANIA | + | 193,887 | 8,479 | 7,851 | 1,762 | U/A | U/A | 2,723 |
| PENNSYLVANIA STATE | + | 107,961 | 3,193 | 3,057 | 658 | 5,941 | 26 | 5,967 |
| PITTSBURGH | b+ | 455,267 | 8,480 | 8,253 | 4,148 | 4,898 | 51 | 4,949 |
| QUEEN'S | Gb+ | 144,263 | 2,697 | -2,794 | 1,028 | 733 | 69 | 802 |
| ROCHESTER | + | 248,134 | 5,452 | 4,957 | 1,351 | U/A | U/A | 3,794 |
| SASKATCHEWAN | + | 175,653 | 4,749 | 4,099 | 939 | U/A | U/A | 1,983 |
| SOUTH CAROLINA | Gb+ | 102,870 | 2,613 | 2,600 | 1,068 | U/A | U/A | 2,285 |
| SOUTHERN CALIFORNIA | B+ | 208,647 | 6,383 | 3,425 | 1,852 | U/A | U/A | 3,675 |
| SOUTHERN ILLINOIS | G+ | 153,263 | 2,289 | 1,345 | 354 | 1,078 | 100 | 1,178 |
| SUNY-BUFFALO | + | 345,654 | 5,328 | 2,908 | 723 | 1,463 | 746 | 2,209 |
| SUNY-STONY BROOK | G+ | 277,013 | 1,186 | 1,183 | 80 | 2,395 | 628 | 3,023 |
| TEMPLE | Bb+ | 132,811 | 1,723 | -1,356 | 254 | 1,483 | 107 | 1,590 |
| TENNESSEE | b+ | 187,843 | 970 | 494 | 458 | U/A | U/A | 1,497 |
| TEXAS TECH | B+ | 289,736 | 7,819 | 6,346 | 3,707 | 4,213 | 1,105 | 5,318 |
| TULANE | G+ | 163,659 | 2,258 | -4,007 | 725 | U/A | U/A | 1,503 |
| UTAH | + | 214,972 | 4,932 | 3,154 | 1,137 | 2,339 | 99 | 2,438 |
| VANDERBILT | + | 213,120 | 3,095 | 2,906 | 590 | 3,600 | 540 | 4,140 |
| VIRGINIA | + | 197,791 | 1,896 | -601 | 555 | 3,305 | 163 | 3,468 |
| WASHINGTON | Bb+ | 367,430 | 6,767 | 4,363 | 1,301 | 1,766 | 53 | 1,819 |
| WASHINGTON U.-ST. LOUIS | b+ | 295,516 | 3,600 | 2,925 | 2,598 | 2,220 | 27 | 2,247 |
| WISCONSIN | b+ | 305,849 | 1,047 | -32,660 | 434 | 2,661 | 351 | 3,012 |
| YALE | + | 438,394 | 5,516 | 5,154 | 2,563 | 4,265 | 770 | 5,035 |

SUMMARY DATA

| | | | | | | | |
|--------------------------------|------------|---------|---------|--------|---------|--------|---------|
| High | 734,054 | 13,116 | 12,621 | 4,148 | 5,996 | 5,490 | 7,733 |
| Mean | 274,197 | 5,225 | 2,703 | 1,430 | 2,764 | 456 | 3,106 |
| Median | 232,559 | 5,024 | 3,154 | 1,135 | 2,424 | 150 | 2,805 |
| Low | 7,911 | 146 | -32,660 | 80 | 345 | 8 | 454 |
| Totals | 17,822,801 | 339,620 | 175,681 | 85,827 | 138,179 | 22,779 | 201,890 |
| Number of Libraries Responding | 65 | 65 | 65 | 60 | 50 | 50 | 65 |

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

| Microform Units | Government Documents | Computer Files | Archives and Manus. | Carto- graphic Materials | Graphic Materials | Audio Materials | Video and Film | (Survey Question #) INSTITUTION |
|--------------------|-------------------------|-------------------|---------------------------|--------------------------------|----------------------|--------------------|-------------------|------------------------------------|
| (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | |
| U/A | 0 | 725 | U/A | 0 | U/A | 687 | 1,206 | NORTHWESTERN |
| 17,119 | 31,107 | 181 | 139 | 0 | 14 | 147 | 965 | OHIO |
| 109 | 0 | 377 | 700 | 1,650 | 8,026 | 466 | 612 | OHIO STATE |
| 44,260 | 1,028 | 164 | 114 | 3 | 122,223 | 1,972 | 2,167 | OKLAHOMA STATE |
| 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | PENNSYLVANIA |
| 0 | 0 | 182 | 62 | 0 | 743 | 93 | 336 | PENNSYLVANIA STATE |
| 68,530 | 0 | 2,002 | 0 | 0 | 7 | 2,036 | 3,741 | PITTSBURGH |
| U/A | U/A | U/A | U/A | U/A | U/A | U/A | U/A | QUEEN'S |
| 0 | 0 | 60 | 1,300 | 0 | 5,000 | 65 | 70 | ROCHESTER |
| 2,290 | 0 | 234 | 0 | 0 | 11,048 | 188 | 28 | SASKATCHEWAN |
| 4,966 | 0 | 51 | 0 | 0 | 0 | 0 | 845 | SOUTH CAROLINA |
| 9,007 | 0 | 826 | 10 | 0 | 15,067 | 2,257 | 1,476 | SOUTHERN CALIFORNIA |
| 6,662 | 1,020 | 125 | 1,089 | 0 | 0 | 2,556 | 3,348 | SOUTHERN ILLINOIS |
| 41,550 | U/A | 458 | U/A | 0 | 63,500 | 725 | 3,300 | SUNY-BUFFALO |
| U/A | 0 | 105 | U/A | U/A | 1,331 | 10 | 149 | SUNY-STONY BROOK |
| 60 | 0 | 53 | U/A | 0 | 0 | 0 | 1,358 | TEMPLE |
| 0 | 0 | 91 | 205 | 0 | 0 | 44 | 2,010 | TENNESSEE |
| 2,550 | 0 | 1,954 | 500 | 0 | 784 | 4,676 | 6,634 | TEXAS TECH |
| 200 | 0 | 0 | 50 | 0 | 4,654 | 0 | 0 | TULANE |
| 14,976 | U/A | 1,050 | U/A | U/A | 2,449 | 36 | 1,351 | UTAH |
| 9,119 | 0 | 962 | 3,908 | 2 | 5,308 | 2,525 | 1,248 | VANDERBILT |
| 14,618 | 0 | 312 | 543 | 0 | 30,915 | 1,128 | 2,796 | VIRGINIA |
| 85,553 | 0 | 376 | 0 | 9 | 909 | 285 | 538 | WASHINGTON |
| 1,776 | 0 | 119 | 2,435 | 0 | 28,042 | 367 | 1,401 | WASHINGTON U.-ST. LOUIS |
| 722 | 4,695 | 81 | 6,372 | 0 | 92 | 1,197 | 1,139 | WISCONSIN |
| 15,641 | U/A | 235 | 515 | 0 | 10,457 | 1,457 | 393 | YALE |

SUMMARY DATA

| | | | | | | | | |
|-----------|---------|--------|--------|-------|---------|--------|--------|---------------------|
| 343,370 | 50,617 | 2,693 | 6,372 | 1,650 | 212,164 | 6,027 | 6,634 | High |
| 27,652 | 19,188 | 442 | 1,077 | 383 | 19,244 | 1,189 | 1,599 | Mean |
| 9,063 | 5,788 | 232 | 690 | 8 | 5,154 | 706 | 1,248 | Median |
| 2 | 1,020 | 11 | 2 | 2 | 7 | 10 | 8 | Low |
| 1,437,909 | 134,317 | 26,053 | 36,615 | 3,064 | 885,214 | 61,819 | 94,348 | Sum |
| 52 | 7 | 59 | 34 | 8 | 46 | 52 | 59 | Number of Libraries |

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

| (Survey Question #) | | Monographs | Current Serials | Other Library Materials | Misc. Materials | Total Library Materials | Contract Binding |
|-------------------------|-------|------------|--------------------|-------------------------------|--------------------|-------------------------------|---------------------|
| | | (16) | (17) | (18) | (19) | (20) | (21) |
| INSTITUTION | Notes | | | | | | |
| ALABAMA | b+ | 15,091 | 110,432 | U/A | 0 | 125,523 | 4,823 |
| ALBERTA | + | 153,479 | 702,367 | 0 | 0 | 855,846 | 13,936 |
| ARIZONA | b+ | 82,204 | 1,109,460 | 7,404 | 1,550 | 1,200,618 | 29,487 |
| BOSTON | + | 12,675 | 824,681 | 0 | 0 | 837,356 | 19,653 |
| CALIFORNIA, DAVIS | + | 216,990 | 393,038 | 40,504 | 19,188 | 669,720 | 28,442 |
| CALIFORNIA, IRVINE | + | 226,662 | 607,627 | U/A | 19,359 | 853,648 | 17,357 |
| CALIFORNIA, LOS ANGELES | b+ | 597,846 | 1,593,346 | 19,253 | 0 | 2,210,445 | 84,400 |
| CALIFORNIA, SAN DIEGO | G+ | 187,641 | 1,399,551 | 50 | 0 | 1,587,242 | 62,052 |
| CASE WESTERN RESERVE | + | 77,123 | 1,080,073 | 859 | 26,700 | 1,184,755 | 28,879 |
| CHICAGO | + | 295,708 | 1,635,148 | 633,911 | 0 | 2,564,767 | 76,039 |
| CINCINNATI | b+ | 142,367 | 1,254,285 | 2,453 | 51,155 | 1,450,260 | 23,025 |
| COLUMBIA | + | 226,103 | 1,567,457 | U/A | U/A | 1,793,560 | 74,500 |
| CONNECTICUT | + | 144,556 | 1,250,089 | 37,585 | 0 | 1,432,230 | 21,915 |
| CORNELL | G+ | 92,218 | 1,150,157 | 194,500 | 0 | 1,436,875 | 31,674 |
| DARTMOUTH | + | 64,625 | 845,325 | 4,931 | 0 | 914,881 | 21,332 |
| DUKE | G+ | 106,106 | 1,364,188 | 500 | 166,385 | 1,637,179 | 28,722 |
| EMORY | BG+ | 143,282 | 1,164,275 | 3,891 | 183,584 | 1,495,032 | 38,429 |
| FLORIDA | BG+ | 137,401 | 1,386,180 | 176,674 | 31,416 | 1,731,671 | 53,560 |
| FLORIDA STATE | Gb+ | 28,450 | 179,235 | 59,764 | 0 | 267,449 | 0 |
| GEORGE WASHINGTON | b+ | 206,332 | 1,041,225 | 11,429 | 0 | 1,258,986 | 21,695 |
| GEORGETOWN | b+ | 57,476 | 648,330 | 145,543 | 0 | 851,349 | 23,968 |
| HARVARD | + | 71,613 | 1,473,667 | 404,544 | 0 | 1,949,824 | 66,912 |
| HOWARD | + | 106,106 | 751,462 | 10,000 | 82,285 | 949,853 | 20,000 |
| ILLINOIS, CHICAGO | + | 181,309 | 1,619,281 | 2,293 | 0 | 1,802,883 | 39,451 |
| INDIANA | Gb+ | 99,171 | 1,599,874 | 0 | 0 | 1,699,045 | 42,194 |
| IOWA | G+ | 121,815 | 1,431,630 | 3,691 | 48,126 | 1,605,262 | 0 |
| JOHNS HOPKINS | BG+ | 104,740 | 521,588 | 2,320 | 1,115,085 | 1,743,733 | 35,609 |
| KANSAS | b+ | 62,625 | 787,671 | 31,042 | 0 | 881,338 | 15,377 |
| KENTUCKY | + | 138,894 | 1,170,965 | 18,857 | 188,635 | 1,517,351 | 24,010 |
| LOUISVILLE | G+ | 137,183 | 1,515,790 | 20,040 | 0 | 1,673,013 | 33,661 |
| MCGILL | b+ | 111,460 | 825,481 | U/A | 0 | 936,941 | 26,829 |
| MCMASTER | + | 156,012 | 760,396 | 0 | 6,688 | 923,096 | 21,935 |
| MIAMI | + | 141,799 | 898,768 | 2,260 | 17,284 | 1,060,111 | 36,726 |
| MICHIGAN | Gb+ | 317,739 | 1,366,088 | 293,617 | 0 | 1,977,444 | 0 |
| MINNESOTA | + | 447,128 | 1,829,102 | 10,054 | 7,525 | 2,293,809 | 74,360 |
| MONTREAL | + | 69,293 | 1,389,073 | 2,153 | 0 | 1,460,519 | 9,614 |
| NEW MEXICO | b+ | 53,727 | 690,793 | 6,142 | 116,015 | 866,677 | 26,811 |
| NEW YORK | + | 171,144 | 1,429,670 | 5,155 | 55,072 | 1,661,041 | 41,385 |
| NORTH CAROLINA | + | 114,884 | 1,595,597 | 6,787 | 0 | 1,717,268 | 36,970 |

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

| Salaries & Wages: Professional (22) | Salaries & Wages: Support (23) | Salaries & Wages: Student Asst. (24) | Total Salaries & Wages (25) | Other Operating Expenditures (26) | Total Library Expenditures (27) | (Survey Question #) INSTITUTION |
|--|---|---|--|--|--|--|
| 46,843 | 52,618 | 0 | 99,461 | 15,106 | 244,913 | ALABAMA |
| 348,948 | 263,200 | 53,262 | 665,411 | U/A | 1,535,193 | ALBERTA |
| 857,165 | 836,061 | 103,255 | 1,796,481 | 439,237 | 3,465,823 | ARIZONA |
| 518,274 | 275,731 | 68,944 | 862,949 | 554,625 | 2,274,583 | BOSTON |
| 608,986 | 651,679 | 111,395 | 1,372,060 | 170,671 | 2,240,893 | CALIFORNIA, DAVIS |
| 464,633 | 552,882 | 122,097 | 1,139,612 | 399,615 | 2,410,232 | CALIFORNIA, IRVINE |
| 1,202,172 | 1,264,401 | 358,362 | 2,824,935 | 609,835 | 5,729,615 | CALIFORNIA, LOS ANGELES |
| 684,399 | 632,385 | 125,128 | 1,441,912 | 469,044 | 3,560,250 | CALIFORNIA, SAN DIEGO |
| 558,489 | 332,808 | 149,878 | 1,041,175 | 266,843 | 2,521,652 | CASE WESTERN RESERVE |
| 113,756 | 140,251 | 32,531 | 286,538 | 93,600 | 3,020,944 | CHICAGO |
| 1,118,830 | 555,301 | 59,284 | 1,733,415 | 220,117 | 3,426,817 | CINCINNATI |
| 967,633 | 678,101 | 36,656 | 1,682,390 | 334,036 | 3,884,486 | COLUMBIA |
| 919,478 | 532,889 | 26,960 | 1,479,327 | 81,968 | 3,015,440 | CONNECTICUT |
| 790,995 | 708,357 | 0 | 1,499,352 | 618,924 | 3,586,825 | CORNELL |
| 518,755 | 379,383 | 37,933 | 936,071 | 282,467 | 2,154,751 | DARTMOUTH |
| 927,577 | 727,417 | 3,319 | 1,658,313 | 559,227 | 3,883,441 | DUKE |
| 578,889 | 781,929 | 24,192 | 1,385,010 | 451,348 | 3,369,819 | EMORY |
| 981,943 | 795,299 | 137,682 | 1,914,924 | 412,590 | 4,112,745 | FLORIDA |
| 160,000 | 107,042 | 2,100 | 269,142 | 58,453 | 595,044 | FLORIDA STATE |
| 669,122 | 402,358 | 89,813 | 1,161,293 | 2,148,276 | 4,590,250 | GEORGE WASHINGTON |
| 516,886 | 374,505 | 62,384 | 953,775 | 420,212 | 2,249,304 | GEORGETOWN |
| 2,021,551 | 1,125,920 | 0 | 3,147,471 | 1,063,958 | 6,228,165 | HARVARD |
| 406,144 | 407,416 | 35,000 | 848,560 | 95,484 | 1,913,897 | HOWARD |
| 1,036,504 | 1,274,751 | 89,698 | 2,400,953 | 406,480 | 4,649,767 | ILLINOIS, CHICAGO |
| 718,779 | 695,212 | 20,990 | 1,434,981 | 573,952 | 3,750,172 | INDIANA |
| 554,638 | 458,698 | 156,974 | 1,170,310 | 229,827 | 3,005,399 | IOWA |
| 1,428,359 | 1,331,620 | 0 | 2,759,979 | 1,258,243 | 5,797,564 | JOHNS HOPKINS |
| 307,806 | 395,364 | 36,381 | 739,551 | 243,878 | 1,880,144 | KANSAS |
| 863,330 | 387,089 | 89,584 | 1,340,003 | 194,091 | 3,075,455 | KENTUCKY |
| 333,575 | 376,531 | 57,027 | 767,133 | 308,622 | 2,782,429 | LOUISVILLE |
| 240,198 | 343,091 | 39,395 | 622,683 | 83,235 | 1,669,688 | MCGILL |
| 313,701 | 426,487 | 20,695 | 760,882 | 132,234 | 1,838,147 | MCMASTER |
| 1,064,070 | 444,718 | 0 | 1,508,788 | 346,044 | 2,951,669 | MIAMI |
| 557,786 | 729,605 | 208,311 | 1,495,702 | 65,424 | 3,538,570 | MICHIGAN |
| 715,216 | 992,828 | 342,216 | 2,050,260 | 791,597 | 5,210,026 | MINNESOTA |
| 358,884 | 500,944 | 0 | 859,828 | 36,776 | 2,366,737 | MONTREAL |
| 1,993,521 | 494,428 | 66,757 | 2,554,706 | 911,454 | 4,359,648 | NEW MEXICO |
| 1,278,253 | 1,001,327 | 79,304 | 2,358,884 | 599,754 | 4,661,064 | NEW YORK |
| 1,728,446 | 969,862 | 177,361 | 2,875,669 | 728,863 | 5,358,770 | NORTH CAROLINA |

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

| (Survey Question #) | | Monographs (16) | Current Serials (17) | Other Library Materials (18) | Misc. Materials (19) | Total Library Materials (20) | Contract Binding (21) |
|-------------------------|-------|--------------------|----------------------------|---------------------------------------|----------------------------|---------------------------------------|-----------------------------|
| INSTITUTION | Notes | | | | | | |
| NORTHWESTERN | + | 106,866 | 1,247,933 | 25,357 | 34,573 | 1,414,729 | 21,908 |
| OHIO | + | 58,454 | 440,443 | 715 | 460 | 500,072 | 11,695 |
| OHIO STATE | BG+ | 144,559 | 1,194,911 | 4,000 | 0 | 1,343,470 | 18,672 |
| OKLAHOMA STATE | Gb+ | 36,623 | 205,000 | 1,710 | 87,228 | 330,561 | 2,866 |
| PENNSYLVANIA | + | 150,998 | 1,544,909 | U/A | U/A | 1,695,907 | 52,646 |
| PENNSYLVANIA STATE | + | 48,608 | 981,429 | 0 | 272,870 | 1,302,907 | 21,829 |
| PITTSBURGH | b+ | 291,622 | 2,645,480 | 24,474 | 48,006 | 3,009,582 | 38,576 |
| QUEEN'S | Gb+ | 95,413 | 788,559 | U/A | U/A | 883,972 | 13,196 |
| ROCHESTER | + | 73,518 | 1,095,337 | 150,134 | 0 | 1,318,989 | 30,638 |
| SASKATCHEWAN | + | 87,739 | 500,858 | U/A | U/A | 588,597 | 14,110 |
| SOUTH CAROLINA | Gb+ | 64,116 | 341,679 | 3,511 | 101,566 | 510,872 | 10,785 |
| SOUTHERN CALIFORNIA | B+ | 183,708 | 1,632,661 | 27,491 | 61,635 | 1,905,495 | 65,764 |
| SOUTHERN ILLINOIS | G+ | 55,154 | 700,376 | 3,650 | 17,548 | 776,728 | 14,987 |
| SUNY-BUFFALO | + | 93,973 | 1,188,886 | 8,982 | 0 | 1,291,841 | 29,499 |
| SUNY-STONY BROOK | G+ | 21,664 | 958,269 | 67,290 | 29,767 | 1,076,990 | 423 |
| TEMPLE | Bb+ | 26,672 | 944,315 | 180 | 3,634 | 974,801 | 23,348 |
| TENNESSEE | b+ | 55,005 | 998,768 | 0 | 247,560 | 1,301,333 | 9,682 |
| TEXAS TECH | B+ | 236,781 | 1,487,969 | 21,236 | 141,081 | 1,887,067 | 30,835 |
| TULANE | G+ | 73,064 | 857,037 | 0 | 0 | 930,101 | 17,075 |
| UTAH | + | 89,046 | 945,132 | 9,852 | U/A | 1,044,030 | 23,516 |
| VANDERBILT | + | 239,481 | 1,396,968 | U/A | 62,856 | 1,699,305 | 29,571 |
| VIRGINIA | + | 127,699 | 1,216,250 | 19,516 | 7,560 | 1,371,025 | 2,984 |
| WASHINGTON | Bb+ | 90,723 | 1,121,127 | U/A | U/A | 1,211,850 | 35,059 |
| WASHINGTON U.-ST. LOUIS | b+ | 116,034 | 2,096,382 | 10,073 | 35,266 | 2,257,755 | 56,427 |
| WISCONSIN | b+ | 33,729 | 1,086,471 | 6,240 | 419,858 | 1,546,298 | 89,003 |
| YALE | + | 366,559 | 1,534,250 | 4,225 | 0 | 1,905,034 | 30,717 |

SUMMARY DATA

| | | | | | | |
|--------------------------------|-----------|------------|-----------|-----------|------------|-----------|
| High | 597,846 | 2,645,480 | 633,911 | 1,115,085 | 3,009,582 | 89,003 |
| Mean | 135,212 | 1,109,458 | 51,976 | 112,349 | 1,340,891 | 31,477 |
| Median | 106,866 | 1,121,127 | 9,852 | 48,126 | 1,343,470 | 27,636 |
| Low | 12,675 | 110,432 | 50 | 460 | 125,523 | 423 |
| Totals | 8,788,785 | 72,114,764 | 2,546,842 | 3,707,520 | 87,157,911 | 1,951,544 |
| Number of Libraries Responding | 65 | 65 | 49 | 33 | 65 | 62 |

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

| Salaries & Wages: Professional | Salaries & Wages: Support | Salaries & Wages: Student Asst. | Total Salaries & Wages | Other Operating Expenditures | Total Library Expenditures | (Survey Question #) INSTITUTION |
|--------------------------------------|---------------------------------|---------------------------------------|------------------------------|------------------------------------|----------------------------------|------------------------------------|
| (22) | (23) | (24) | (25) | (26) | (27) | |
| 689,491 | 556,400 | 17,198 | 1,263,089 | 299,189 | 2,998,915 | NORTHWESTERN |
| 169,817 | 145,691 | 50,806 | 366,314 | 88,477 | 966,558 | OHIO |
| 901,315 | 504,559 | 102,053 | 1,507,927 | 235,507 | 3,105,576 | OHIO STATE |
| 113,232 | 159,958 | 17,296 | 290,486 | 96,153 | 720,066 | OKLAHOMA STATE |
| 651,047 | 646,798 | 248,509 | 1,546,354 | 360,068 | 3,654,975 | PENNSYLVANIA |
| 223,404 | 376,072 | 8,580 | 608,056 | 0 | 1,932,792 | PENNSYLVANIA STATE |
| 1,372,347 | 858,134 | 64,256 | 2,294,737 | 508,631 | 5,851,526 | PITTSBURGH |
| 191,103 | 211,200 | 28,078 | 430,381 | 70,639 | 1,398,188 | QUEEN'S |
| 1,088,808 | 304,283 | 54,741 | 1,447,832 | 429,327 | 3,226,786 | ROCHESTER |
| 110,373 | 135,026 | 33,946 | 279,345 | U/A | 882,052 | SASKATCHEWAN |
| 304,409 | 265,677 | 28,767 | 598,853 | 101,737 | 1,222,247 | SOUTH CAROLINA |
| 974,811 | 705,297 | 168,341 | 1,848,449 | 628,918 | 4,448,626 | SOUTHERN CALIFORNIA |
| 252,732 | 431,028 | 0 | 683,760 | 62,936 | 1,538,411 | SOUTHERN ILLINOIS |
| 994,575 | 256,349 | 136,754 | 1,387,678 | 263,066 | 2,972,084 | SUNY-BUFFALO |
| 1,204,341 | 311,236 | 81,900 | 1,597,477 | 399,628 | 3,074,518 | SUNY-STONY BROOK |
| 436,175 | 421,367 | 54,254 | 911,796 | 319,427 | 2,229,372 | TEMPLE |
| 528,192 | 419,871 | 2,591 | 950,654 | 312,577 | 2,574,246 | TENNESSEE |
| 979,008 | 567,531 | 206,311 | 1,752,850 | 316,179 | 3,986,931 | TEXAS TECH |
| 403,425 | 257,942 | 11,052 | 672,419 | 334,647 | 1,954,242 | TULANE |
| 665,673 | 627,435 | 174,636 | 1,467,744 | 1,025,425 | 3,560,715 | UTAH |
| 1,230,593 | 598,212 | 6,379 | 1,835,184 | 777,565 | 4,341,625 | VANDERBILT |
| 1,100,018 | 962,745 | 741 | 2,063,504 | 379,063 | 3,816,576 | VIRGINIA |
| 1,509,722 | 727,829 | 292,494 | 2,530,045 | 282,874 | 4,059,828 | WASHINGTON |
| 2,832,494 | 1,213,937 | 86,008 | 4,132,439 | 3,890,090 | 10,336,711 | WASHINGTON U.-ST. LOUIS |
| 1,005,208 | 677,617 | 227,447 | 1,910,272 | 277,553 | 3,823,126 | WISCONSIN |
| 927,055 | 377,518 | 23,239 | 1,327,812 | 239,863 | 3,503,426 | YALE |

SUMMARY DATA

| | | | | | | |
|------------|------------|-----------|------------|------------|-------------|---------------------|
| 2,832,494 | 1,331,620 | 358,362 | 4,132,439 | 3,890,090 | 10,336,711 | High |
| 774,368 | 555,695 | 88,815 | 1,409,313 | 457,672 | 3,216,776 | Mean |
| 684,399 | 500,944 | 60,834 | 1,387,678 | 326,732 | 3,075,455 | Median |
| 46,843 | 52,618 | 741 | 99,461 | 15,106 | 244,913 | Low |
| 50,333,902 | 36,120,199 | 5,151,245 | 91,605,346 | 28,375,648 | 209,090,449 | Sum |
| 65 | 65 | 58 | 65 | 62 | 65 | Number of Libraries |

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

| (Survey Question #) | | Professional Staff (FTE) | Support Staff (FTE) | Student Assistants (FTE) | Total Staff (FTE) | Library Presentations to Groups * | Participants in Group Presentations * |
|-------------------------|-------|--------------------------|---------------------|--------------------------|-------------------|-----------------------------------|---------------------------------------|
| (28) | (29) | (30) | (31) | (32) | (33) | | |
| INSTITUTION | Notes | | | | | | |
| ALABAMA | b+ | 1 | 3 | 0 | 4 | 13 | 183 |
| ALBERTA | + | 7 | 9 | 5 | 21 | 229 | 5,897 |
| ARIZONA | b+ | 15 | 27 | 9 | 51 | 203 | 2,868 |
| BOSTON | + | 11 | 8 | 10 | 29 | 285 | 2,174 |
| CALIFORNIA, DAVIS | + | 11 | 27 | 10 | 48 | 18 | 670 |
| CALIFORNIA, IRVINE | + | 9 | 15 | 9 | 33 | 89 | 1,671 |
| CALIFORNIA, LOS ANGELES | b+ | 17 | 32 | 24 | 73 | 157 | 2,755 |
| CALIFORNIA, SAN DIEGO | G+ | 11 | 18 | 7 | 36 | 322 | 3,334 |
| CASE WESTERN RESERVE | + | 10 | 11 | 9 | 30 | 56 | 548 |
| CHICAGO | + | 3 | 2 | 4 | 9 | 35 | 445 |
| CINCINNATI | b+ | 19 | 18 | 7 | 44 | 517 | 3,637 |
| COLUMBIA | + | 18 | 23 | 2 | 43 | 181 | 1,699 |
| CONNECTICUT | + | 14 | 13 | 3 | 30 | 213 | 1,847 |
| CORNELL | G+ | 13 | 20 | 0 | 33 | 68 | 502 |
| DARTMOUTH | + | 17 | 15 | 16 | 48 | U/A | U/A |
| DUKE | G+ | 18 | 22 | 0 | 40 | 279 | 2,515 |
| EMORY | BG+ | 13 | 25 | 3 | 41 | 101 | 1,658 |
| FLORIDA | BG+ | 24 | 29 | 14 | 67 | 285 | 4,249 |
| FLORIDA STATE | Gb+ | 3 | 2 | 1 | 6 | 48 | 888 |
| GEORGE WASHINGTON | b+ | 15 | 14 | 8 | 37 | 125 | 3,823 |
| GEORGETOWN | b+ | 10 | 10 | 5 | 25 | 144 | 3,323 |
| HARVARD | + | 33 | 31 | 0 | 64 | 135 | 1,825 |
| HOWARD | + | 6 | 15 | 5 | 26 | 50 | 200 |
| ILLINOIS, CHICAGO | + | 21 | 46 | 8 | 75 | 291 | 4,095 |
| INDIANA | Gb+ | 11 | 22 | 6 | 39 | 227 | 4,047 |
| IOWA | G+ | 11 | 13 | 11 | 35 | 96 | 1,879 |
| JOHNS HOPKINS | BG+ | 28 | 45 | 0 | 73 | 211 | 2,294 |
| KANSAS | b+ | 7 | 18 | 3 | 28 | 0 | 0 |
| KENTUCKY | + | 15 | 17 | 10 | 42 | 219 | 2,761 |
| LOUISVILLE | G+ | 9 | 14 | 5 | 28 | 154 | 1,443 |
| MCGILL | b+ | 7 | 17 | 4 | 28 | 112 | 3,044 |
| MCMASTER | + | 7 | 21 | 4 | 32 | 209 | 2,088 |
| MIAMI | + | 19 | 20 | 0 | 39 | 834 | 1,844 |
| MICHIGAN | Gb+ | 10 | 24 | 14 | 48 | 240 | 3,697 |
| MINNESOTA | + | 13 | 27 | 20 | 60 | 133 | 2,073 |
| MONTREAL | + | 10 | 29 | 0 | 39 | 246 | 4,924 |
| NEW MEXICO | b+ | 44 | 18 | 5 | 67 | 390 | 4,301 |
| NEW YORK | + | 21 | 29 | 6 | 56 | 328 | 2,515 |
| NORTH CAROLINA | + | 33 | 30 | 2 | 65 | 195 | 4,612 |

+ - See Footnotes

U/A - Unavailable

B - Includes branch campuses

* - Figures in italics are derived from a sampling method rather than an actual annual count.

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

| Reference Transactions * | Initial Circulation Transactions | Total Circulation Transactions | ILL/DD | | (Survey Question #) |
|--------------------------|----------------------------------|--------------------------------|--------------------|----------------------|-------------------------|
| | | | Total Items Loaned | Total Items Borrowed | |
| (34) | (35) | (36) | (37) | (38) | INSTITUTION |
| 2,979 | 901 | 1,028 | 622 | 253 | ALABAMA |
| 27,404 | U/A | 94,704 | 67,525 | 9,429 | ALBERTA |
| 22,488 | 35,481 | 44,018 | 15,882 | 2,818 | ARIZONA |
| 16,473 | 3,122 | 4,086 | 6,496 | 8,352 | BOSTON |
| 15,383 | 30,945 | 41,430 | 19,290 | 6,076 | CALIFORNIA, DAVIS |
| 8,801 | 26,689 | 52,470 | 3,404 | 3,235 | CALIFORNIA, IRVINE |
| 39,556 | 53,977 | 73,830 | 34,867 | 11,267 | CALIFORNIA, LOS ANGELES |
| 31,623 | 24,292 | 30,020 | 12,047 | 8,248 | CALIFORNIA, SAN DIEGO |
| U/A | 6,185 | 8,371 | 21,516 | 6,283 | CASE WESTERN RESERVE |
| 8,866 | U/A | 22,217 | 12,774 | 11,454 | CHICAGO |
| 42,323 | 18,395 | 21,259 | 16,104 | 4,666 | CINCINNATI |
| 18,294 | 27,881 | 41,467 | 20,728 | 4,331 | COLUMBIA |
| 7,171 | 12,622 | 15,878 | 18,139 | 1,610 | CONNECTICUT |
| 15,726 | 39,144 | 49,523 | 8,244 | 5,967 | CORNELL |
| U/A | 20,131 | 25,130 | 5,246 | 11,948 | DARTMOUTH |
| 25,514 | 16,789 | 23,467 | 18,662 | 2,329 | DUKE |
| 31,736 | 10,046 | 11,415 | 23,929 | 6,295 | EMORY |
| 18,665 | 35,331 | 61,224 | 17,856 | 6,189 | FLORIDA |
| 521 | 1,535 | 1,564 | 0 | 218 | FLORIDA STATE |
| 25,221 | 15,266 | 18,045 | 2,611 | 1,892 | GEORGE WASHINGTON |
| 9,772 | 16,225 | 19,060 | 1,421 | 1,457 | GEORGETOWN |
| 498 | U/A | 454,604 | 18,460 | 3,099 | HARVARD |
| 18,175 | 14,115 | 16,210 | 1,750 | 901 | HOWARD |
| 34,923 | 32,402 | 131,019 | 34,168 | 12,444 | ILLINOIS, CHICAGO |
| 12,714 | 128,100 | 154,987 | 26,269 | 32,643 | INDIANA |
| 19,406 | U/A | 44,123 | 30,789 | 8,842 | IOWA |
| 15,405 | 16,934 | 26,787 | 14,137 | 19,963 | JOHNS HOPKINS |
| 6,584 | 11,605 | U/A | 13,905 | 5,246 | KANSAS |
| 12,832 | 24,717 | 31,762 | 13,640 | 9,403 | KENTUCKY |
| 16,523 | U/A | 32,566 | 15,751 | 4,419 | LOUISVILLE |
| 30,900 | 13,749 | 20,517 | 5,423 | 3,971 | MCGILL |
| 20,400 | 25,817 | 29,557 | 10,961 | 6,591 | MCMASTER |
| 50,010 | 5,445 | 9,695 | 24,198 | 4,216 | MIAMI |
| 25,845 | 45,434 | 56,083 | 25,634 | 7,495 | MICHIGAN |
| 47,281 | 25,479 | 33,168 | 71,918 | 3,238 | MINNESOTA |
| 14,548 | U/A | 64,897 | 14,732 | 2,040 | MONTREAL |
| 16,320 | 15,983 | 16,634 | 3,439 | 4,394 | NEW MEXICO |
| 46,473 | 22,425 | 25,075 | 11,233 | 11,276 | NEW YORK |
| 29,050 | U/A | 132,687 | 19,858 | 5,844 | NORTH CAROLINA |

U/A - Unavailable

* - Figures in italics are derived from a sampling method rather than an actual annual count.

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

| (Survey Question #) | | Professional Staff (FTE) | Support Staff (FTE) | Student Assistants (FTE) | Total Staff (FTE) | Library Presentations to Groups * | Participants in Group Presentations * |
|-------------------------|-------|--------------------------|---------------------|--------------------------|-------------------|-----------------------------------|---------------------------------------|
| (28) | (29) | (30) | (31) | (32) | (33) | | |
| INSTITUTION | Notes | | | | | | |
| NORTHWESTERN | + | 12 | 19 | 1 | 32 | 150 | 1,353 |
| OHIO | + | 4 | 5 | 5 | 14 | 24 | 1,009 |
| OHIO STATE | BG+ | 20 | 17 | 7 | 44 | 101 | 3,840 |
| OKLAHOMA STATE | Gb+ | 2 | 7 | 1 | 10 | 9 | 207 |
| PENNSYLVANIA | + | 12 | 16 | 17 | 45 | 159 | 3,600 |
| PENNSYLVANIA STATE | + | 4 | 14 | 1 | 19 | 63 | 917 |
| PITTSBURGH | b+ | 27 | 36 | 6 | 69 | 349 | 4,783 |
| QUEEN'S | Gb+ | 7 | 11 | 2 | 20 | 212 | 2,640 |
| ROCHESTER | + | 21 | 11 | 5 | 37 | U/A | U/A |
| SASKATCHEWAN | + | 3 | 6 | 2 | 11 | 183 | 2,515 |
| SOUTH CAROLINA | Gb+ | 7 | 10 | 3 | 20 | 66 | 765 |
| SOUTHERN CALIFORNIA | B+ | 15 | 21 | 10 | 46 | 127 | 1,517 |
| SOUTHERN ILLINOIS | G+ | 5 | 17 | 0 | 22 | 79 | 422 |
| SUNY-BUFFALO | + | 20 | 9 | 12 | 41 | 164 | 2,462 |
| SUNY-STONY BROOK | G+ | 20 | 12 | 6 | 38 | 892 | 4,224 |
| TEMPLE | Bb+ | 9 | 14 | 7 | 30 | 40 | 877 |
| TENNESSEE | b+ | 10 | 15 | 1 | 26 | 114 | 1,991 |
| TEXAS TECH | B+ | 21 | 24 | 19 | 64 | 368 | 2,203 |
| TULANE | G+ | 8 | 11 | 1 | 20 | 59 | 527 |
| UTAH | + | 12 | 20 | 12 | 44 | 348 | 4,916 |
| VANDERBILT | + | 25 | 23 | 2 | 50 | 306 | 5,744 |
| VIRGINIA | + | 16 | 27 | 1 | 44 | 521 | 4,623 |
| WASHINGTON | Bb+ | 29 | 26 | 13 | 68 | 326 | 6,280 |
| WASHINGTON U.-ST. LOUIS | b+ | 42 | 33 | 4 | 79 | 350 | 3,819 |
| WISCONSIN | b+ | 22 | 27 | 15 | 64 | 606 | 3,114 |
| YALE | + | 18 | 18 | 4 | 40 | 181 | 2,274 |

SUMMARY DATA

| | | | | | | |
|---------------------|-----|-------|-----|-------|--------|---------|
| High | 44 | 46 | 24 | 79 | 892 | 6,280 |
| Mean | 15 | 19 | 7 | 40 | 213 | 2,564 |
| Median | 13 | 18 | 6 | 39 | 181 | 2,378 |
| Low | 1 | 2 | 1 | 4 | 9 | 183 |
| Sum | 955 | 1,228 | 406 | 2,589 | 13,235 | 158,950 |
| Number of Libraries | 65 | 65 | 57 | 65 | 62 | 62 |

+ - See Footnotes

U/A - Unavailable

B - Includes branch campuses

* - Figures in italics are derived from a sampling method rather than an actual annual count.

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

| Reference Transactions * | Initial Circulation Transactions | Total Circulation Transactions | ILL/DD | | (Survey Question #) |
|--------------------------|----------------------------------|--------------------------------|--------------------|--------------------|-------------------------|
| | | | Total Items Loaned | Total Items Loaned | |
| (34) | (35) | (36) | (37) | (38) | INSTITUTION |
| 27,031 | U/A | 36,299 | 8,864 | 9,243 | NORTHWESTERN |
| 8,252 | 10,713 | 12,865 | 7,737 | 1,675 | OHIO |
| 23,384 | 33,508 | 36,683 | 21,522 | 11,110 | OHIO STATE |
| 2,400 | 4,975 | 6,082 | 2,970 | 752 | OKLAHOMA STATE |
| 31,000 | 11,572 | 14,186 | 10,871 | 14,221 | PENNSYLVANIA |
| 9,320 | 76,016 | 76,922 | 6,246 | 1,139 | PENNSYLVANIA STATE |
| 65,433 | 30,294 | 38,158 | 22,779 | 5,196 | PITTSBURGH |
| 7,536 | 22,066 | 23,958 | 6,452 | 5,936 | QUEEN'S |
| 8,413 | 7,033 | 10,012 | 5,532 | 6,259 | ROCHESTER |
| 7,767 | 31,719 | 39,765 | 6,550 | 9,867 | SASKATCHEWAN |
| 3,475 | U/A | 7,583 | 3,616 | 2,486 | SOUTH CAROLINA |
| 11,564 | 29,994 | 37,696 | 11,106 | 975 | SOUTHERN CALIFORNIA |
| 9,300 | 30,892 | 36,343 | 11,120 | 3,304 | SOUTHERN ILLINOIS |
| 20,718 | 56,955 | 66,970 | 17,068 | 2,164 | SUNY-BUFFALO |
| 13,759 | 9,180 | 12,866 | 10,836 | 1,118 | SUNY-STONY BROOK |
| 4,476 | 7,974 | 9,074 | 3,128 | 2,657 | TEMPLE |
| 10,916 | 10,693 | 12,927 | 10,604 | 3,367 | TENNESSEE |
| 38,303 | 30,826 | 159,158 | 10,393 | 5,008 | TEXAS TECH |
| 4,269 | 20,092 | 21,511 | 5,249 | 2,877 | TULANE |
| 79,550 | 24,588 | 25,956 | 18,119 | 4,553 | UTAH |
| 9,047 | 14,048 | 17,347 | 10,897 | 3,255 | VANDERBILT |
| 30,133 | 11,018 | 18,804 | 10,609 | 3,475 | VIRGINIA |
| 33,199 | U/A | 345,158 | 19,806 | 7,159 | WASHINGTON |
| 34,878 | 24,513 | 35,899 | 16,885 | 5,433 | WASHINGTON U.-ST. LOUIS |
| U/A | 64,480 | 77,281 | 22,578 | 9,838 | WISCONSIN |
| 18,835 | 26,823 | U/A | 10,615 | 4,393 | YALE |

SUMMARY DATA

| | | | | | |
|-----------|-----------|-----------|---------|---------|---------------------|
| 79,550 | 128,100 | 454,604 | 71,918 | 32,643 | High |
| 20,957 | 24,857 | 49,525 | 15,247 | 5,966 | Mean |
| 17,349 | 22,066 | 29,557 | 12,411 | 4,666 | Median |
| 498 | 901 | 1,028 | 622 | 218 | Low |
| 1,299,361 | 1,367,134 | 3,120,080 | 975,780 | 387,802 | Sum |
| 62 | 55 | 63 | 64 | 65 | Number of Libraries |

U/A - Unavailable

* - Figures in italics are derived from a sampling method rather than an actual annual count.

RANK ORDER TABLE 1
VOLUMES IN LIBRARY

| INSTITUTION | | HSL VOLUMES | TOTAL VOLUMES | HSL % OF TOTAL | INSTITUTION | | HSL VOLUMES | TOTAL VOLUMES | HSL % OF TOTAL |
|-------------|-------------------------|-------------|---------------|----------------|-------------|-----------------------|-------------|---------------|----------------|
| 1 | CHICAGO | 734,054 | 6,977,186 | 10.52 | 34 | CALIFORNIA, SAN DIEGO | 232,453 | 2,953,024 | 7.87 |
| 2 | HARVARD | 707,824 | 15,181,349 | 4.66 | 35 | ARIZONA | 229,395 | 5,040,584 | 4.55 |
| 3 | ILLINOIS, CHICAGO | 703,020 | 2,198,873 | 31.97 | 36 | EMORY | 227,877 | 2,755,929 | 8.27 |
| 4 | CALIFORNIA, LOS ANGELES | 626,450 | 7,576,790 | 8.27 | 37 | KENTUCKY | 223,096 | 3,053,726 | 7.31 |
| 5 | COLUMBIA | 548,536 | 7,697,488 | 7.13 | 38 | UTAH | 214,972 | 3,128,547 | 6.87 |
| 6 | MICHIGAN | 536,501 | 7,800,389 | 6.88 | 39 | VANDERBILT | 213,120 | 2,882,057 | 7.39 |
| 7 | MINNESOTA | 469,348 | 6,200,669 | 7.57 | 40 | NEW YORK | 212,223 | 4,176,065 | 5.08 |
| 8 | PITTSBURGH | 455,267 | 4,420,970 | 10.30 | 41 | OHIO STATE | 211,043 | 5,674,784 | 3.72 |
| 9 | YALE | 438,394 | 11,114,308 | 3.94 | 42 | MIAMI | 210,792 | 2,460,025 | 8.57 |
| 10 | JOHNS HOPKINS | 425,702 | 3,572,375 | 11.92 | 43 | SOUTHERN CALIFORNIA | 208,647 | 3,800,702 | 5.49 |
| 11 | CASE WESTERN RESERVE | 403,069 | 2,292,265 | 17.58 | 44 | CONNECTICUT | 200,526 | 3,168,617 | 6.33 |
| 12 | WASHINGTON | 367,430 | 6,436,960 | 5.71 | 45 | VIRGINIA | 197,791 | 4,921,442 | 4.02 |
| 13 | CALIFORNIA, DAVIS | 350,403 | 3,365,689 | 10.41 | 46 | PENNSYLVANIA | 193,887 | 5,273,887 | 3.68 |
| 14 | SUNY-BUFFALO | 345,654 | 3,330,476 | 10.38 | 47 | TENNESSEE | 187,843 | 2,880,949 | 6.52 |
| 15 | FLORIDA | 343,074 | 4,021,629 | 8.53 | 48 | KANSAS | 178,612 | 3,980,589 | 4.49 |
| 16 | MCGILL | 339,240 | 3,431,305 | 9.89 | 49 | SASKATCHEWAN | 175,653 | 1,900,378 | 9.24 |
| 17 | MONTREAL | 331,864 | 3,249,313 | 10.21 | 50 | CORNELL | 175,637 | 7,120,301 | 2.47 |
| 18 | IOWA | 316,897 | 4,380,734 | 7.23 | 51 | NEW MEXICO | 174,135 | 2,556,267 | 6.81 |
| 19 | NORTH CAROLINA | 316,486 | 5,492,451 | 5.76 | 52 | TULANE | 163,659 | 2,370,959 | 6.90 |
| 20 | WISCONSIN | 305,849 | 7,232,850 | 4.23 | 53 | MCMASTER | 158,035 | 1,936,411 | 8.16 |
| 21 | WASHINGTON U.-ST. LOUIS | 295,516 | 3,608,538 | 8.19 | 54 | SOUTHERN ILLINOIS | 153,263 | 2,791,775 | 5.49 |
| 22 | CINCINNATI | 292,031 | 2,977,475 | 9.81 | 55 | OHIO | 146,772 | 2,468,497 | 5.95 |
| 23 | TEXAS TECH | 289,736 | 2,353,411 | 12.31 | 56 | QUEEN'S | 144,263 | 2,366,322 | 6.10 |
| 24 | DUKE | 285,190 | 5,360,303 | 5.32 | 57 | BOSTON | 138,130 | 2,346,194 | 5.89 |
| 25 | CALIFORNIA, IRVINE | 280,511 | 2,337,595 | 12.00 | 58 | GEORGETOWN | 136,599 | 2,350,046 | 5.81 |
| 26 | SUNY-STONY BROOK | 277,013 | 2,170,661 | 12.76 | 59 | TEMPLE | 132,811 | 2,900,832 | 4.58 |
| 27 | NORTHWESTERN | 272,679 | 4,315,314 | 6.32 | 60 | GEORGE WASHINGTON | 130,102 | 2,104,962 | 6.18 |
| 28 | HOWARD | 266,793 | 2,507,347 | 10.64 | 61 | PENNSYLVANIA STATE | 107,961 | 4,779,165 | 2.26 |
| 29 | INDIANA | 259,577 | 6,647,355 | 3.90 | 62 | SOUTH CAROLINA | 102,870 | 3,374,496 | 3.05 |
| 30 | DARTMOUTH | 255,677 | 2,405,905 | 10.63 | 63 | OKLAHOMA STATE | 56,648 | 2,470,138 | 2.29 |
| 31 | ROCHESTER | 248,134 | 3,185,231 | 7.79 | 64 | ALABAMA | 18,289 | 2,416,452 | 0.76 |
| 32 | ALBERTA | 237,308 | 5,924,003 | 4.01 | 65 | FLORIDA STATE | 7,911 | 2,620,296 | 0.30 |
| 33 | LOUISVILLE | 232,559 | 1,900,774 | 12.23 | | | | | |

RANK ORDER TABLE 2
VOLUMES ADDED (GROSS)

| INSTITUTION | | HSL VOLUMES | TOTAL VOLUMES | HSL % OF TOTAL | INSTITUTION | | HSL VOLUMES | TOTAL VOLUMES | HSL % OF TOTAL |
|-------------|-------------------------|----------------|------------------|-------------------|-------------|-------------------------|----------------|------------------|-------------------|
| 1 | CALIFORNIA, LOS ANGELES | 13,116 | 145,519 | 9.01 | 34 | UTAH | 4,932 | 148,901 | 3.31 |
| 2 | HARVARD | 13,072 | 288,584 | 4.53 | 35 | MIAMI | 4,922 | 74,329 | 6.62 |
| 3 | DUKE | 12,567 | 131,051 | 9.59 | 36 | CASE WESTERN RESERVE | 4,836 | 59,740 | 8.10 |
| 4 | CALIFORNIA, IRVINE | 11,976 | 99,801 | 12.00 | 37 | SASKATCHEWAN | 4,749 | 60,017 | 7.91 |
| 5 | ILLINOIS, CHICAGO | 10,491 | 42,834 | 24.49 | 38 | KENTUCKY | 4,631 | 72,494 | 6.39 |
| 6 | CHICAGO | 9,907 | 157,403 | 6.29 | 39 | MCGILL | 4,587 | 96,442 | 4.76 |
| 7 | NEW YORK | 9,246 | 132,417 | 6.98 | 40 | CONNECTICUT | 4,511 | 75,422 | 5.98 |
| 8 | PITTSBURGH | 8,480 | 91,597 | 9.26 | 41 | ALBERTA | 4,499 | 163,105 | 2.76 |
| 9 | PENNSYLVANIA | 8,479 | 127,332 | 6.66 | 42 | CORNELL | 4,130 | 188,278 | 2.19 |
| 10 | INDIANA | 8,074 | 141,685 | 5.70 | 43 | NORTHWESTERN | 3,785 | 111,660 | 3.39 |
| 11 | TEXAS TECH | 7,819 | 54,425 | 14.37 | 44 | WASHINGTON U.-ST. LOUIS | 3,600 | 67,079 | 5.37 |
| 12 | CALIFORNIA, SAN DIEGO | 7,714 | 80,789 | 9.55 | 45 | BOSTON | 3,264 | 62,967 | 5.18 |
| 13 | DARTMOUTH | 7,694 | 49,230 | 15.63 | 46 | PENNSYLVANIA STATE | 3,193 | 98,771 | 3.23 |
| 14 | MINNESOTA | 7,339 | 117,177 | 6.26 | 47 | MCMASTER | 3,146 | 30,001 | 10.49 |
| 15 | FLORIDA | 7,272 | 91,492 | 7.95 | 48 | VANDERBILT | 3,095 | 149,531 | 2.07 |
| 16 | CALIFORNIA, DAVIS | 7,137 | 58,783 | 12.14 | 49 | QUEEN'S | 2,697 | 43,538 | 6.19 |
| 17 | MICHIGAN | 6,911 | 173,081 | 3.99 | 50 | KANSAS | 2,683 | 77,732 | 3.45 |
| 18 | OHIO STATE | 6,800 | 106,945 | 6.36 | 51 | SOUTH CAROLINA | 2,613 | 43,633 | 5.99 |
| 19 | WASHINGTON | 6,767 | 164,617 | 4.11 | 52 | SOUTHERN ILLINOIS | 2,289 | 51,996 | 4.40 |
| 20 | MONTREAL | 6,417 | 60,585 | 10.59 | 53 | TULANE | 2,258 | 49,366 | 4.57 |
| 21 | SOUTHERN CALIFORNIA | 6,383 | 78,099 | 8.17 | 54 | GEORGE WASHINGTON | 2,254 | 47,668 | 4.73 |
| 22 | LOUISVILLE | 6,370 | 75,008 | 8.49 | 55 | VIRGINIA | 1,896 | 80,150 | 2.37 |
| 23 | COLUMBIA | 6,180 | 152,388 | 4.06 | 56 | TEMPLE | 1,723 | 44,272 | 3.89 |
| 24 | JOHNS HOPKINS | 6,161 | 71,171 | 8.66 | 57 | OHIO | 1,382 | 64,384 | 2.15 |
| 25 | NORTH CAROLINA | 6,005 | 133,945 | 4.48 | 58 | NEW MEXICO | 1,286 | 92,534 | 1.39 |
| 26 | GEORGETOWN | 5,545 | 71,046 | 7.80 | 59 | SUNY-STONY BROOK | 1,186 | 34,295 | 3.46 |
| 27 | YALE | 5,516 | 217,881 | 2.53 | 60 | ALABAMA | 1,100 | 50,101 | 2.20 |
| 28 | ROCHESTER | 5,452 | 38,076 | 14.32 | 61 | WISCONSIN | 1,047 | 114,047 | 0.92 |
| 29 | SUNY-BUFFALO | 5,328 | 59,164 | 9.01 | 62 | TENNESSEE | 970 | 77,853 | 1.25 |
| 30 | CINCINNATI | 5,278 | 120,010 | 4.40 | 63 | OKLAHOMA STATE | 754 | 68,190 | 1.11 |
| 31 | IOWA | 5,216 | 133,977 | 3.89 | 64 | FLORIDA STATE | 569 | 49,100 | 1.16 |
| 32 | EMORY | 5,151 | 60,852 | 8.46 | 65 | HOWARD | 146 | 41,647 | 0.35 |
| 33 | ARIZONA | 5,024 | 128,484 | 3.91 | | | | | |

RANK ORDER TABLE 3
CURRENT SERIALS (TOTAL)

| INSTITUTION | HSL SERIALS | TOTAL SERIALS | HSL % OF TOTAL | INSTITUTION | HSL SERIALS | TOTAL SERIALS | HSL % OF TOTAL | | |
|-------------|-------------------------|------------------|-------------------|-------------|----------------|-------------------------|-------------------|---------|-------|
| 1 | CASE WESTERN RESERVE | 7,733 | 19,227 | 40.22 | 34 | HARVARD | 2,771 | 103,638 | 2.67 |
| 2 | CINCINNATI | 6,133 | 36,511 | 16.80 | 35 | PENNSYLVANIA | 2,723 | 38,474 | 7.08 |
| 3 | NEW YORK | 6,100 | 44,066 | 13.84 | 36 | DARTMOUTH | 2,667 | 26,466 | 10.08 |
| 4 | PENNSYLVANIA STATE | 5,967 | 45,917 | 13.00 | 37 | MCGILL | 2,659 | 22,882 | 11.62 |
| 5 | OHIO STATE | 5,508 | 43,199 | 12.75 | 38 | MINNESOTA | 2,628 | 36,900 | 7.12 |
| 6 | JOHNS HOPKINS | 5,431 | 34,527 | 15.73 | 39 | NORTHWESTERN | 2,540 | 39,310 | 6.46 |
| 7 | TEXAS TECH | 5,318 | 33,688 | 15.79 | 40 | UTAH | 2,438 | 36,883 | 6.61 |
| 8 | CALIFORNIA, SAN DIEGO | 5,254 | 29,736 | 17.67 | 41 | IOWA | 2,300 | 49,763 | 4.62 |
| 9 | ARIZONA | 5,127 | 35,046 | 14.63 | 42 | SOUTH CAROLINA | 2,285 | 22,844 | 10.00 |
| 10 | YALE | 5,035 | 61,649 | 8.17 | 43 | FLORIDA | 2,275 | 25,342 | 8.98 |
| 11 | PITTSBURGH | 4,949 | 46,552 | 10.63 | 44 | WASHINGTON U.-ST. LOUIS | 2,247 | 43,453 | 5.17 |
| 12 | LOUISVILLE | 4,903 | 23,306 | 21.04 | 45 | SUNY-BUFFALO | 2,209 | 32,796 | 6.74 |
| 13 | CHICAGO | 4,767 | 41,268 | 11.55 | 46 | ALBERTA | 2,173 | 39,141 | 5.55 |
| 14 | MICHIGAN | 4,546 | 74,664 | 6.09 | 47 | INDIANA | 2,078 | 59,439 | 3.50 |
| 15 | CALIFORNIA, LOS ANGELES | 4,519 | 79,283 | 5.70 | 48 | NEW MEXICO | 2,059 | 15,925 | 12.93 |
| 16 | COLUMBIA | 4,416 | 56,974 | 7.75 | 49 | SASKATCHEWAN | 1,983 | 15,423 | 12.86 |
| 17 | DUKE | 4,268 | 38,112 | 11.20 | 50 | KENTUCKY | 1,920 | 28,286 | 6.79 |
| 18 | VANDERBILT | 4,140 | 29,173 | 14.19 | 51 | WASHINGTON | 1,819 | 48,740 | 3.73 |
| 19 | NORTH CAROLINA | 4,059 | 50,640 | 8.02 | 52 | MIAMI | 1,788 | 21,326 | 8.38 |
| 20 | MONTREAL | 3,918 | 29,801 | 13.15 | 53 | EMORY | 1,667 | 37,862 | 4.40 |
| 21 | ROCHESTER | 3,794 | 22,498 | 16.86 | 54 | TEMPLE | 1,590 | 20,980 | 7.58 |
| 22 | SOUTHERN CALIFORNIA | 3,675 | 30,335 | 12.11 | 55 | GEORGETOWN | 1,532 | 26,517 | 5.78 |
| 23 | VIRGINIA | 3,468 | 53,015 | 6.54 | 56 | TULANE | 1,503 | 15,499 | 9.70 |
| 24 | CALIFORNIA, IRVINE | 3,423 | 28,523 | 12.00 | 57 | CONNECTICUT | 1,497 | 42,059 | 3.56 |
| 25 | KANSAS | 3,206 | 36,007 | 8.90 | 58 | TENNESSEE | 1,497 | 23,260 | 6.44 |
| 26 | SUNY-STONY BROOK | 3,023 | 19,646 | 15.39 | 59 | SOUTHERN ILLINOIS | 1,178 | 26,430 | 4.46 |
| 27 | CORNELL | 3,016 | 61,814 | 4.88 | 60 | GEORGE WASHINGTON | 1,103 | 15,194 | 7.26 |
| 28 | BOSTON | 3,013 | 30,067 | 10.02 | 61 | HOWARD | 1,089 | 12,216 | 8.91 |
| 29 | WISCONSIN | 3,012 | 58,439 | 5.15 | 62 | QUEEN'S | 802 | 17,553 | 4.57 |
| 30 | MCMASTER | 3,007 | 19,351 | 15.54 | 63 | FLORIDA STATE | 583 | 21,598 | 2.70 |
| 31 | OHIO | 2,998 | 25,471 | 11.77 | 64 | OKLAHOMA STATE | 459 | 23,806 | 1.93 |
| 32 | ILLINOIS, CHICAGO | 2,843 | 25,483 | 11.16 | 65 | ALABAMA | 454 | 23,453 | 1.94 |
| 33 | CALIFORNIA, DAVIS | 2,805 | 48,538 | 5.78 | | | | | |

RANK ORDER TABLE 4
TOTAL LIBRARY EXPENDITURES

| INSTITUTION | HSL Exp. | TOTAL Exp. | HSL % OF TOTAL | INSTITUTION | HSL Exp. | TOTAL Exp. | HSL % OF TOTAL | | |
|-------------|-------------------------|---------------|-------------------|-------------|-------------|----------------------|-------------------|------------|-------|
| 1 | WASHINGTON U.-ST. LOUIS | 10,336,711 | 29,034,275 | 35.60 | 34 | SUNY-STONY BROOK | 3,074,518 | 12,622,268 | 24.36 |
| 2 | HARVARD | 6,228,165 | 99,746,303 | 6.24 | 35 | CHICAGO | 3,020,944 | 25,862,601 | 11.68 |
| 3 | PITTSBURGH | 5,851,526 | 25,641,654 | 22.82 | 36 | CONNECTICUT | 3,015,440 | 19,427,898 | 15.52 |
| 4 | JOHNS HOPKINS | 5,797,564 | 28,109,777 | 20.62 | 37 | IOWA | 3,005,399 | 23,164,534 | 12.97 |
| 5 | CALIFORNIA, LOS ANGELES | 5,729,615 | 40,044,840 | 14.31 | 38 | NORTHWESTERN | 2,998,915 | 24,611,853 | 12.18 |
| 6 | NORTH CAROLINA | 5,358,770 | 28,662,816 | 18.70 | 39 | SUNY-BUFFALO | 2,972,084 | 18,299,716 | 16.24 |
| 7 | MINNESOTA | 5,210,026 | 31,413,131 | 16.59 | 40 | MIAMI | 2,951,669 | 18,779,139 | 15.72 |
| 8 | NEW YORK | 4,661,064 | 34,451,768 | 13.53 | 41 | LOUISVILLE | 2,782,429 | 16,926,028 | 16.44 |
| 9 | ILLINOIS, CHICAGO | 4,649,767 | 16,120,272 | 28.84 | 42 | TENNESSEE | 2,574,246 | 20,907,531 | 12.31 |
| 10 | GEORGE WASHINGTON | 4,590,250 | 21,783,192 | 21.07 | 43 | CASE WESTERN RESERVE | 2,521,652 | 12,755,480 | 19.77 |
| 11 | SOUTHERN CALIFORNIA | 4,448,626 | 30,933,047 | 14.38 | 44 | CALIFORNIA, IRVINE | 2,410,232 | 20,085,270 | 12.00 |
| 12 | NEW MEXICO | 4,359,648 | 18,425,579 | 23.66 | 45 | MONTREAL | 2,366,737 | 16,659,072 | 14.21 |
| 13 | VANDERBILT | 4,341,625 | 19,030,188 | 22.81 | 46 | BOSTON | 2,274,583 | 17,351,457 | 13.11 |
| 14 | FLORIDA | 4,112,745 | 26,119,518 | 15.75 | 47 | GEORGETOWN | 2,249,304 | 20,291,615 | 11.08 |
| 15 | WASHINGTON | 4,059,828 | 28,464,332 | 14.26 | 48 | CALIFORNIA, DAVIS | 2,240,893 | 17,828,690 | 12.57 |
| 16 | TEXAS TECH | 3,986,931 | 17,653,897 | 22.58 | 49 | TEMPLE | 2,229,372 | 14,031,180 | 15.89 |
| 17 | COLUMBIA | 3,884,486 | 41,507,277 | 9.36 | 50 | DARTMOUTH | 2,154,751 | 16,047,493 | 13.43 |
| 18 | DUKE | 3,883,441 | 32,315,593 | 12.02 | 51 | TULANE | 1,954,242 | 13,188,979 | 14.82 |
| 19 | WISCONSIN | 3,823,126 | 39,281,520 | 9.73 | 52 | PENNSYLVANIA STATE | 1,932,792 | 41,819,383 | 4.62 |
| 20 | VIRGINIA | 3,816,576 | 26,867,504 | 14.21 | 53 | HOWARD | 1,913,897 | 10,546,379 | 18.15 |
| 21 | INDIANA | 3,750,172 | 31,030,300 | 12.09 | 54 | KANSAS | 1,880,144 | 18,682,568 | 10.06 |
| 22 | PENNSYLVANIA | 3,654,975 | 30,744,202 | 11.89 | 55 | MCMASTER | 1,838,147 | 9,544,732 | 19.26 |
| 23 | CORNELL | 3,586,825 | 39,759,708 | 9.02 | 56 | MCGILL | 1,669,688 | 19,004,669 | 8.79 |
| 24 | UTAH | 3,560,715 | 21,991,323 | 16.19 | 57 | SOUTHERN ILLINOIS | 1,538,411 | 13,947,156 | 11.03 |
| 25 | CALIFORNIA, SAN DIEGO | 3,560,250 | 25,699,825 | 13.85 | 58 | ALBERTA | 1,535,193 | 20,032,194 | 7.66 |
| 26 | MICHIGAN | 3,538,570 | 48,193,379 | 7.34 | 59 | QUEEN'S | 1,398,188 | 11,443,000 | 12.22 |
| 27 | YALE | 3,503,426 | 56,500,431 | 6.20 | 60 | SOUTH CAROLINA | 1,222,247 | 16,122,269 | 7.58 |
| 28 | ARIZONA | 3,465,823 | 25,656,448 | 13.51 | 61 | OHIO | 966,558 | 11,998,414 | 8.06 |
| 29 | CINCINNATI | 3,426,817 | 19,425,518 | 17.64 | 62 | SASKATCHEWAN | 882,052 | 9,278,132 | 9.51 |
| 30 | EMORY | 3,369,819 | 27,040,029 | 12.46 | 63 | OKLAHOMA STATE | 720,066 | 11,046,332 | 6.52 |
| 31 | ROCHESTER | 3,226,786 | 15,494,166 | 20.83 | 64 | FLORIDA STATE | 595,044 | 14,017,488 | 4.25 |
| 32 | OHIO STATE | 3,105,576 | 27,045,276 | 11.48 | 65 | ALABAMA | 244,913 | 12,802,606 | 1.91 |
| 33 | KENTUCKY | 3,075,455 | 20,261,308 | 15.18 | | | | | |

RANK ORDER TABLE 5
TOTAL STAFF

| INSTITUTION | HSL STAFF | TOTAL STAFF | HSL % OF TOTAL | INSTITUTION | HSL STAFF | TOTAL STAFF | HSL % OF TOTAL | |
|---------------------------|-----------|-------------|----------------|--------------------------|-----------|-------------|----------------|--|
| 1 WASHINGTON U.-ST. LOUIS | 79 | 289 | 27.34 | 32 MONTREAL | 39 | 369 | 10.57 | |
| 2 ILLINOIS, CHICAGO | 75 | 242 | 30.99 | 35 SUNY-STONY BROOK | 38 | 162 | 23.46 | |
| 3 CALIFORNIA, LOS ANGELES | 73 | 576 | 12.67 | 36 GEORGE WASHINGTON | 37 | 260 | 14.23 | |
| 3 JOHNS HOPKINS | 73 | 330 | 22.12 | 36 ROCHESTER | 37 | 207 | 17.87 | |
| 5 PITTSBURGH | 69 | 360 | 19.17 | 38 CALIFORNIA, SAN DIEGO | 36 | 351 | 10.26 | |
| 6 WASHINGTON | 68 | 483 | 14.08 | 39 IOWA | 35 | 295 | 11.86 | |
| 7 FLORIDA | 67 | 395 | 16.96 | 40 CALIFORNIA, IRVINE | 33 | 269 | 12.27 | |
| 7 NEW MEXICO | 67 | 299 | 22.41 | 40 CORNELL | 33 | 581 | 5.68 | |
| 9 NORTH CAROLINA | 65 | 412 | 15.78 | 42 MCMASTER | 32 | 160 | 20.00 | |
| 10 HARVARD | 64 | 1,300 | 4.92 | 42 NORTHWESTERN | 32 | 343 | 9.33 | |
| 10 TEXAS TECH | 64 | 286 | 22.38 | 44 CASE WESTERN RESERVE | 30 | 149 | 20.13 | |
| 10 WISCONSIN | 64 | 604 | 10.60 | 44 CONNECTICUT | 30 | 226 | 13.27 | |
| 13 MINNESOTA | 60 | 405 | 14.81 | 44 TEMPLE | 30 | 209 | 14.35 | |
| 14 NEW YORK | 56 | 424 | 13.21 | 47 BOSTON | 29 | 323 | 8.98 | |
| 15 ARIZONA | 51 | 354 | 14.41 | 48 KANSAS | 28 | 308 | 9.09 | |
| 16 VANDERBILT | 50 | 265 | 18.87 | 48 LOUISVILLE | 28 | 182 | 15.38 | |
| 17 CALIFORNIA, DAVIS | 48 | 297 | 16.16 | 48 MCGILL | 28 | 279 | 10.04 | |
| 17 DARTMOUTH | 48 | 242 | 19.83 | 51 HOWARD | 26 | 178 | 14.61 | |
| 17 MICHIGAN | 48 | 621 | 7.73 | 51 TENNESSEE | 26 | 298 | 8.72 | |
| 20 SOUTHERN CALIFORNIA | 46 | 352 | 13.07 | 53 GEORGETOWN | 25 | 253 | 9.88 | |
| 21 PENNSYLVANIA | 45 | 412 | 10.92 | 54 SOUTHERN ILLINOIS | 22 | 220 | 10.00 | |
| 22 CINCINNATI | 44 | 244 | 18.03 | 55 ALBERTA | 21 | 334 | 6.29 | |
| 22 OHIO STATE | 44 | 405 | 10.86 | 56 QUEEN'S | 20 | 177 | 11.30 | |
| 22 UTAH | 44 | 350 | 12.57 | 56 SOUTH CAROLINA | 20 | 294 | 6.80 | |
| 22 VIRGINIA | 44 | 354 | 12.43 | 56 TULANE | 20 | 194 | 10.31 | |
| 26 COLUMBIA | 43 | 521 | 8.25 | 59 PENNSYLVANIA STATE | 19 | 651 | 2.92 | |
| 27 KENTUCKY | 42 | 300 | 14.00 | 60 OHIO | 14 | 194 | 7.22 | |
| 28 EMORY | 41 | 300 | 13.67 | 61 SASKATCHEWAN | 11 | 165 | 6.67 | |
| 28 SUNY-BUFFALO | 41 | 251 | 16.33 | 62 OKLAHOMA STATE | 10 | 201 | 4.98 | |
| 30 DUKE | 40 | 348 | 11.49 | 63 CHICAGO | 9 | 313 | 2.88 | |
| 30 YALE | 40 | 660 | 6.06 | 64 FLORIDA STATE | 6 | 273 | 2.20 | |
| 32 INDIANA | 39 | 449 | 8.69 | 65 ALABAMA | 4 | 195 | 2.05 | |
| 32 MIAMI | 39 | 277 | 14.08 | | | | | |

FOOTNOTES TO THE ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS 2002-03

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

| INSTITUTION | QUESTION NUMBER | NOTE |
|-----------------------|--------------------|---|
| ALABAMA | | All figures are as of September 30, 2003. |
| | 2a | Figure reflects nursing materials transferred on campus to Rodgers Library for Science & Engineering. |
| | 26 | Includes bibliographic utilities, memberships, and literature searching. |
| ALBERTA | | All figures are as of March 31, 2003. The basis of volume count is an estimate. |
| | 3 | Negative figure due to a large de-selection project. Volumes were moved to off-campus depository. |
| | 4 | Past figures were inaccurately reported. Precise number of monographs purchased from 2000-01 onward are unavailable; all volumes purchased are included in gross volumes added (2). |
| | 5-7 | Includes government documents. |
| | 16-27 | Expenditures as reported in Canadian dollars: (16) \$231,789; (17) \$1,060,736; (18) \$0; (19) \$0; (20) \$1,292,525; (21) \$21,047; (22) \$526,992; (23) \$397,493; (24) \$80,438; (25) \$1,004,923; (26) U/A; (27) \$2,318,495. |
| | 17 | Some items in (5) were purchased from central University Library funds for system-wide consortial/package deals and so cannot be distinguished. |
| | 28 | Figure rounded from 6.9. |
| | 30 | Figure rounded from 5.4. |
| | 31 | Figure rounded from 20.9. |
| | ARIZONA | 9 |
| 19 | | Memberships for purposes of publications cannot be separated out. Expenditure listed is for 1/2 the cost for membership in "Community of Science" (no library materials included); the Main library paid for the other half. |
| 28 | | Includes one 0.07 FTE temporary Project Specific Librarian position. |
| 29 | | Includes one 0.50 FTE temporary Classified Staff position. |
| CALIFORNIA, DAVIS | | Includes UCSD Medical Center library. |
| | 3 | Decrease due to shifting acquisition toward electronic content. |
| | 17, 20 | Decrease due to large credits received from subscriptions and the decision not to prepay serials for 2003-04. |
| | 18 | Increase due to costs for databases that were previously reported as serials. |
| | 19 | Increase due to a new ILS system that will not allow tax and postage to be charged to the cost of the material being purchased. |
| | 32 | 2001-02 figure included one to one interactions that are now reported as reference transactions. |
| | 33 | Decrease due to librarians participating in fewer faculty-sponsored seminars. |
| CALIFORNIA, SAN DIEGO | | Includes UCSD Medical Center library. |
| | 2a | Includes 27,713 Biomedical library items withdrawn as a result of an annex project. |
| | 5 | Includes 1,803 serial titles with internet access. Large decrease due to past inclusion of all titles with internet access, this year limited to all Biomedical titles with internet access. |
| | 6 | Includes 946 serial titles with internet access. Large decrease due to past inclusion of all titles with internet access, this year limited to all Biomedical titles with internet access. |
| | 17 | Includes monographic and publishers' series. Includes all formats. Includes electronic databases subscribed to annually. |
| CASE WESTERN RESERVE | 6 | Includes electronic journals also reported in the Main library statistics. |

| INSTITUTION | QUESTION NUMBER | NOTE |
|-------------------|------------------|--|
| | 17 | Includes some bundled electronic journal costs. |
| | 34 | Major renovation interfered with normal service. |
| CHICAGO | | John Crerar Library is a central science library with a biomedical collection for health sciences. Many numbers are percentages as a result. Data for the ARL survey is matched as closely as possible to data compiled and reported for the Association of Academic Health Sciences Libraries' (AAHSL) Annual Statistics of Medical School Libraries in the United States and Canada. |
| | 2 | Decrease due to a decrease in periodical binding. Also, 2001-02 figure may contain an error that inflated the count. |
| | 5-7 | Includes an estimated number of purchased e-journals. |
| | 16, 17 | Excludes e-book and e-journal expenditures. |
| | 18 | Figure reflects expenditures for electronic resources. |
| | 22-25, 28-31 | Figures reflect salaries, wages and benefits for percentage of staff assigned to biomedical responsibilities. Previous years' data were salaries for all science library staff. |
| | 36 | Includes external print reserve circulations. |
| CINCINNATI | | Includes the Cincinnati Medical Heritage Center and the Nursing library. |
| COLUMBIA | 17 | Budget restraints have required subscription cancellations. |
| | 18, 19 | Included in monograph expenditures (16). |
| | 26 | Decrease due partly to the re-designation of some equipment purchases to other than library use, and the reduction of copier service contracts and photocopy center expenses. |
| | 22-25, 28-31 | Changes due to the restructuring of the information technology staff and the conversion of student assistant FTE to support staff. |
| | 34 | Last year directional questions were counted in reference transactions. |
| CORNELL | | Excludes data from Weill Cornell Medical College-Qatar. |
| | 4 | Figure represents titles, not volumes. |
| | 26 | Includes capital expenditures. |
| DARTMOUTH | 17, 18 | In 2002-03, digital serials expenditures moved from (18) to (17). |
| DUKE | 2 | Increase due to barcoding of History of Medicine journals. |
| | 2a | Decrease due to less withdrawals of volumes during the year. |
| | 3, 4, 18, 24, 30 | Decreases due to budget cuts. |
| | 13, 14 | Decrease due to major weeding because of age and more accurate information from DRA report. |
| EMORY | | Includes Grady Branch Library and Hospital Branch Library. |
| | 27 | Expenditures decreased due to budget cut in Medical/Health Sciences School. |
| | 33 | 2001-02 figure was misreported; revised to 1,642. |
| FLORIDA | | Includes Health Sciences Center Library, Veterinary Medical Library, and HSC Branch in Jacksonville, FL. |
| FLORIDA STATE | | The FSU Medical Library opened for patron use on March 25, 2002. This is a new library and is currently in the process of building its holdings. |
| GEORGE WASHINGTON | | Volumes held June 30, 2002 revised to 128,905 to reflect numbers reported in new SIRSI report. |
| | 5 | Excludes 203 standing orders included in 2001-02. |
| | 6 | Mistakenly reported number of donors in 2001-02 instead of number of titles donated. |
| GEORGETOWN | | Volumes held June 30, 2002 revised to 133,524. |

| INSTITUTION | QUESTION NUMBER | NOTE |
|-------------------|---|--|
| HARVARD | 23, 29 34 38 | Figures reflect salaries and FTE for both support and casual staff. Number of reference transactions per typical week. Decrease due to implementation of fee-based borrowing. |
| ILLINOIS, CHICAGO | 2a, 3 11 14 16, 18, 26, 27 24 37, 38 | Withdrawals doubled over the previous year, resulting in fewer net volumes added. A more accurate inventory resulted in a small drop in linear feet. Increased withdrawals (combined with an error in reporting in previous years) resulted in a significant drop in audio items reported. Decreases are the result of a budget cut and mid-year rescission. Staffing cuts for student assistants reflect an attempt to protect collections and permanent staff from the impact of budget cuts. Expanded local and statewide access to e-resources has reduced reliance on interlibrary loan. Also, prices increased (to the NLM maximum fee) during this period. |
| IOWA | 18 | Decrease due to more accurate classification of materials within the LMS. |
| JOHNS HOPKINS | | Includes Lilienfeld Library at School of Public Health and Harrison Library at Bayview Medical Center. |
| KENTUCKY | 5-7 19 | Includes the Medical Center only, not campus libraries. Includes expenditures for Solinet and Electronic Resources. |
| LOUISVILLE | | Includes the Health Sciences Campus and the University Hospital Library. |
| McGILL | | All figures are as of May 31, 2002. 4, 16 Includes all numbered monograph series. 16-27 Expenditures as reported in Canadian dollars: (16) \$168,330; (17) \$1,246,666; (18) U/A; (19) 0; (20) \$1,414,996; (21) \$40,518; (22) \$362,754; (23) \$518,146; (24) \$59,495; (25) \$940,395; (26) \$125,704; (27) \$2,521,613. 18 Cannot disaggregate from other categories. |
| McMASTER | | Changes due to large weeding project in 2001-02. 4 Decrease due to other staffing priorities. 16-27 Expenditures as reported in Canadian dollars: (16) \$235,614; (17) \$1,148,373; (18) \$0; (19) \$10,100; (20) \$1,394,087; (21) \$33,127; (22) \$473,760; (23) \$644,093; (24) \$31,254; (25) \$1,149,107; (26) \$199,703; (27) \$2,776,024. 18 \$1,647 that was included here in 2001-02 moved to (19). 19 Includes legacy archive e-journal, membership to Biomed Central, open links to electronic journals. 35, 36 Decreases due to increase in electronic access. |
| MIAMI | | All figures are as of May 31, 2003. 13-15 Audio-visual materials (graphic, audio, film, video) cannot be disaggregated and are reported in (15). 5-7 Includes print serials only. |
| MICHIGAN | | Includes Public Health and Dentistry libraries. Volumes held June 30, 2002 revised to 529,965. |
| MINNESOTA | | Excludes University of Minnesota at Duluth. 2a Withdrawals reflect activity following conversion to new system. 17, 19 Increase in (17) partly reflects expenses previously counted in (19). |
| MONTREAL | | All figures are as of May 31, 2003 and include the Bibliothèque Paramédicale (Nursing library). Decreases from 2001-02 levels in many figures can be |

| INSTITUTION | QUESTION NUMBER | NOTE |
|--------------------|--------------------|--|
| | | explained by an eleven-week strike of the librarians and support staff at the Université de Montréal. |
| | 5, 7 | New electronic serials acquired as part of aggregated packages are counted here. |
| | 16-27 | Expenditures as reported in Canadian dollars: (16) \$104,648; (17) \$2,097,820; (18) \$3,251; (19) \$0; (20) \$2,205,719; (21) \$14,520; (22) \$541,998; (23) \$756,540; (24) \$0; (25) \$1,298,538; (26) \$55,540; (27) \$3,574,317. |
| NEW MEXICO | | The UNM Health Sciences Library and Infomatics Center is a separately funded and administered library located on the UNM campus. |
| NEW YORK | | All figures are as of August 31, 2003 and include Ehrman Medical Library, Sterling Forest Library and College of Dentistry Library. |
| NORTH CAROLINA | 2a, 3 | Changes reflect major weeding project completed in 2001-02. |
| | 5-7 | Increase reflects more accurate counts as per ARL instructions regarding electronic serials. |
| NORTHWESTERN | | All figures are as of August 31, 2002. |
| OHIO | 4 | Figure reflects titles purchased. |
| | 6 | Figure represents periodical titles received through OhioLINK's Electronic Journal Center. |
| | 10 | 2001-02 figure incorrectly included some electronic journals. |
| | 22 | One professional staff position was vacant during this time period. |
| | 38 | Figure represents a partial number only, as the Health Sciences Library cannot be extracted from the total received. |
| OHIO STATE | | Includes the University Hospitals East Library, and the Children's Hospital Library in Columbus, OH. Items in storage are no longer included in totals. |
| OKLAHOMA STATE | 11 | 2001-02 figure was incorrect. Revised figure unavailable. |
| | 22, 25, 27 | Decreases compared with 2001-02 figures reflect a change in the administration of the Center for Health Sciences Library, with that facility now reporting to the Director of the OSU-Tulsa Library. |
| | 32, 33 | While the number of group presentations was somewhat lower in 2002-03, the total number of students receiving instruction increased. |
| | 34 | Decrease may be due in part to an increase in the number of medical-related databases available, as well as the increased number of students who received instruction in library use. |
| PENNSYLVANIA STATE | 5 | Includes all journal subscriptions; print, electronic, and duplicates. |
| | 35, 36 | Decreases due to increased electronic access. |
| PITTSBURGH | | Includes Falk Library of the Health Sciences, Western Psychiatric Institute and Clinic Library, the Libraries at UPMC Shadyside, and the Patient/Family Education Center of the University of Pittsburgh Cancer Institute. |
| QUEEN'S | | All figures are as of April 30, 2003. |
| | 4 | Figure reflects purchased volumes received. |
| | 5-7 | Figures represent a title count. |
| | 5 | Figure does not include electronic serials, as they have not been disaggregated by unit. |
| | 16-27 | Expenditures are reported in Canadian dollars: (16) \$144,096; (17) \$1,190,905; (18) U/A; (19) U/A; (20) \$1,335,001; (21) \$19,929; (22) \$288,610; (23) \$318,961; (24) \$42,404; (25) \$649,975; (26) \$106,681; (27) \$2,111,586. |
| | 18 | Includes expenditures for microforms. |
| ROCHESTER | | Figures include data for Basil G. Bibby Library, an academic dental library serving primarily the faculty, residents, and staff of the University of Rochester's |

| INSTITUTION | QUESTION NUMBER | NOTE |
|-------------------------|-----------------|--|
| | | Eastman Dental Center, Eastman Department of Dentistry, and Center for Oral Biology; and Genesee Hospital's Department of Dentistry. Volumes held June 30, 2002 revised to 243,177; volumes held June 30, 2001 revised to 238,241. |
| | 5, 6 | Unable to disaggregate free vs. purchased serials. |
| | 8, 9 | After weeding, any remaining microform units and government documents were permanently relocated to university central library repository. |
| | 10 | Consolidated and weeded educational software titles. |
| | 18 | Initiated subscription to MD Consult, an online database to meet the clinical content needs of physicians and other health care professionals. |
| | 26 | Includes expenses for regular replacements of classroom and instructional computing desktops, as well as new investments in wireless infrastructure. |
| | 35, 36 | Figures reflect decreased interest by users in print materials. |
| | 37 | Loans are no longer made to libraries that don't participate in EFTS or IFM e-billing. |
| SASKATCHEWAN | | All figures are as of April 30, 2003. |
| | 16-27 | Expenditures as reported in Canadian dollars: (16) \$132,506; (17) \$756,411; (18) U/A; (19) U/A; (20) \$888,917; (21) \$21,309; (22) \$166,688; (23) \$203,920; (24) \$51,267; (25) \$421,875; (26) U/A; (27) \$1,332,101. |
| | 18 | Included in monograph expenditures (16). |
| SOUTHERN CALIFORNIA | | Includes Medical library on the Health Sciences Campus, and the Dental library on the Main Campus. |
| SUNY-BUFFALO | 12-15 | Figures are estimated. |
| | 32-34 | Data is based on sampling. |
| TEMPLE | | Includes Health Sciences Center Library South and the Temple University School of Podiatric Medicine, Charles E. Krausz Library. Libraries migrated to new database system in 1998-99; as a result, volume count is now bibliographic. |
| | 2a | Figure reflects library weeding project of older materials conducted at Health Sciences Center Library South. |
| | 5 | Increase due to the fact that 2001-02 figure did not include annual serial subscriptions. |
| | 6 | Increase due to the ability to generate a report that isolated "serials not purchased." |
| TEXAS TECH | | All figures are as of August 31, 2002 and include Harrington Library, TTUHSC/Amarillo; Montes-Gallo Library of the Health Sciences, TTUHSC/El Paso; and the Library of the Health Sciences, TTUHSC/Odessa. |
| | 19 | Includes: AMIGOS E-Reserve (\$5,203), AMIGOS OCLC (\$17,827), Computer Equipment (\$8,044), Computer Software (\$582), Cybertools (\$25,160), ISI (\$3,435), Micromedex (\$72,519), Reference Update (\$8,311). |
| UTAH | 28, 29 | Special projects/grants included in total. |
| | 37 | 2001-02 figure revised to 21,431. |
| VIRGINIA | 5-7 | Includes monographic series. |
| | 22-25 | Includes fringe benefits. |
| WASHINGTON | | Figures include Social Work Library, National Network Regional Medical Library, branch campus at KK Sherwood, and the Harborview Medical Center. |
| | 28 | Includes 10 FTE RML staff. |
| | 29 | Includes 3 FTE RML staff. |
| | 30 | Includes 2 FTE RML students. |
| WASHINGTON U.-St. LOUIS | 17, 19 | Moved electronic journal expenditures from (19) to (17). |
| | 22-25, 31 | Includes Telecommunications staff paid from the library budget, who report to the Director of the Medical Library. |

INSTITUTION**QUESTION
NUMBER****NOTE**

| | | |
|-----------|-------|--|
| | 26 | Includes \$830,796 of fringe benefits. |
| WISCONSIN | | Includes W.S. Middleton Health Sciences Library, F.L. Weston Library and F.B. Power Library. |
| | 1, 21 | Figures reflect merging and binding of collections. |
| | 2a | Pharmacy Library moved to a new location; significant number of volumes de-accessioned to reflect merger and move. |
| | 19 | 2001-02 figure was underreported; revised to \$272,370. Current figure reflects increased expenditure for bibliographic utilities. |
| YALE | | Excludes EPH Library. |
| | 4 | Includes 17 e-books. |
| | 5 | Includes 2,128 e-journals for the first time. |
| | 6 | Includes 543 e-journals for the first time. |

ARL ACADEMIC HEALTH SCIENCES LIBRARY

STATISTICS QUESTIONNAIRE, 2002-03

Please do not leave any lines blank. If an exact figure is unavailable, use “-1” (that is, “U/A”). If the appropriate answer is zero or none, use “0.”

Definitions of the statistical categories used in this questionnaire can be found in *Library Statistics, ANSI/NISO Z39.7-1995*. (Bethesda, MD: NISO Press, 1997.) Also, see: <<http://www.techstreet.com/cgi-bin/pdf/free/152592/z39-7.pdf>>. However, *ANSI/NISO Z39.7-1995* does not address issues related to electronic resources. ANSI/NISO Z39.7-1995 has undergone a recent revision and *NISO Z39.7-2002 Draft Standard for Trial Use* is now available <<http://www.niso.org/ometrics/>>. ARL has gradually modified the interpretation of the standard definitions to accommodate electronic resources based on conventions described in the *ARL Statistics Q&A* at <<http://www.arl.org/stats/arlstat/arlstatqa.html>>. These conventions have been established through discussions within the ARL Statistics and Measurement Committee and with the ARL Survey Coordinators who fill in these surveys on an annual basis.

Reporting Institution _____ Date Returned to ARL _____

Report Prepared by (name) _____

Title _____

Email address _____ Phone number _____

Contact person (if different) _____

Title _____

Email address _____ Phone number _____

COLLECTIONS

Volumes in Library: (*See instruction Q1-4.*)

- 1a. Volumes held June 30, 2002.
(Exclude microforms, uncataloged govt. docs., maps, a/v material.
Record figure reported last year or footnote adjusted figure on p. 4.) _____
- 2. Volumes added during year -- Gross. (*See instruction Q2.*)
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____
- 2a. Volumes withdrawn during year.
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____
- 3. Volumes added during year -- Net. (Subtract line 2a from line 2.) _____
- 1. Volumes held June 30, 2003. (Add line 1a to line 3.) _____
- 4. Number of monographic volumes purchased. (*See instruction Q4.*)
(Volumes for which expenditures are reported on line 16. Footnote if titles.) _____

Serials: (*See instruction Q5-7.*)

- 5. Number of current serials, including periodicals, purchased . _____
- 6. Number of current serials, including periodicals, received but not purchased . (Exchanges, gifts, deposits, etc.) (*See instruction Q6.*) _____
- 7. Total number of current serials received. (Add line 5 to line 6.) _____

Other Library Materials: Total number of pieces held June 30, 2003:

- 8. Microform units. (See instruction Q8.) _____
- 9. Government documents not counted elsewhere. (See instruction Q9.) _____
- 10. Computer files. (See instruction Q10.) _____
- 11. Manuscripts and archives (linear ft.). (See instruction Q11.) _____

Audiovisual materials:

- 12. Cartographic. (See instruction Q12.) _____
- 13. Graphic. (See instruction Q13.) _____
- 14. Audio. (See instruction Q14.) _____
- 15. Film and Video. (See instruction Q15.) _____

EXPENDITURES (See instruction Q16-27.) Reported in Canadian dollars? _____ Yes. _____ No.

Library Materials:

- 16. Monographs. (Expenditures for volumes reported on line 4.) (See instruction Q16.) _____
- 17. Current serials including periodicals. (See instruction Q17.) _____
- 18. Other library materials (e.g., microforms, a/v, etc.). (See instruction Q18.) _____
- 19. Miscellaneous. (All materials fund expenditures not included above.) (See instruction Q19.) _____
- 20. Total library materials. (Add lines 16, 17, 18, 19.) _____
- 21. **Contract binding:** (See instruction Q21.) _____

Salaries and Wages: (See instruction Q22-25.)

- 22. Professional staff. _____
- 23. Support staff. _____
- 24. Student assistants. (See instruction Q24-25.) _____
- 25. Total salaries and wages. (Add lines 22, 23, 24.) _____
- 26. **Other operating expenditures:** (See instruction Q26.) _____
- 27. **Total library expenditures:** (Add lines 20, 21, 25, 26.) _____

PERSONNEL (See instruction Q28-31. Round figures to nearest whole number.)

- 28. Professional staff, FTE. (See instruction Q28.) _____
- 29. Support staff, FTE. _____
- 30. Student assistants, FTE. (See instruction Q30.) _____
- 31. Total FTE staff. (Add lines 28, 29, 30.) _____

INSTRUCTION (See instruction Q32-33.)

- 32. Number of library presentations to groups. (See instruction Q32.) _____
Figure based on sampling? _____ Yes. _____ No.
- 33. Number of total participants in group presentations reported on line 32.
(See instruction Q33.) _____
Figure based on sampling? _____ Yes. _____ No.

REFERENCE

- 34. Number of reference transactions. (See instruction Q34.) _____
Figure based on sampling? _____ Yes. _____ No.

CIRCULATION (See instruction Q35-37.)

- 35. Number of initial circulations (excluding reserves). _____
- 36. Total circulations (initial and renewals, excluding reserves). _____

INTERLIBRARY LOANS (See instruction Q37-38.)

- 37. Total number of filled requests for materials **provided** to other libraries. _____
- 38. Total number of filled requests for materials **received** from other libraries of providers. _____

LOCAL CHARACTERISTICS or ATTRIBUTES

46. Basis of volume count is: Physical. Bibliographic. (See instruction Q46.)

47. Government documents are included in count of Current Serials: Yes. No.

48. Fringe benefits are included in expenditures for salaries and wages: Yes. No.

51. Other main campus medical libraries included: [list in "Footnotes" below].

52. Branch Campus Medical Libraries. (See paragraph six of the General Instructions.)

Figures include branch CAMPUS medical libraries: Yes. No. We have only one campus.

If branch campus medical libraries are included, please specify which campuses in "Footnotes" below.

If branch campus medical libraries are not included, please specify which campuses in "Footnotes" below.

FOOTNOTES (See instruction Q53.)

53. A copy of your library's footnotes as they appeared in the published *ARL Academic Health Sciences Library Statistics 2001-02* appears on your library's survey form on the World Wide Web at <<http://lrc.lis.uiuc.edu/ARL/survey.cgi/>>. Please make revisions, additions, and deletions as appropriate. If any footnotes published last year are unchanged, please leave them unchanged to indicate that they are still valid.

Submit the completed questionnaire on the web
<<http://lrc.lis.uiuc.edu/ARL/survey.cgi/>>
by **October 31, 2003.**

Please contact Mark Young at (202) 296-2296 or stats-ra@arl.org for assistance.

ARL STATISTICS QUESTIONNAIRE, 2002-03

INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

General Instructions

Please enter your data on the ARL Statistics Website (access via <<http://www.arl.org/stats/coordinator.html>>) or provide a paper copy to use for data verification. ARL no longer requires the submission of both a paper form and a web form.

Definitions of the statistical categories used in this questionnaire can be found in *Library Statistics, ANSI/NISO Z39.7-1995*. (Bethesda, MD: NISO Press, 1997.) Also, see: <<http://www.techstreet.com/cgi-bin/pdf/free/152592/z39-7.pdf>>. *ANSI/NISO Z39.7-1995* does not address issues related to electronic resources. *ANSI/NISO Z39.7-1995* has undergone a recent revision and *NISO Z39.7-2002 Draft Standard for Trial Use* is now available <<http://www.niso.org/emetrics/>>. ARL has gradually modified the interpretation of the standard definitions to accommodate electronic resources based on conventions described in the *ARL Statistics Q&A* at <<http://www.arl.org/stats/arlstat/arlstatqa.html>>. These conventions have been established through discussions within the ARL Statistics and Measurement Committee and with the ARL Survey Coordinators who fill in these surveys on an annual basis. For example, for definitions relating to electronic serials, see a discussion document prepared by Julia Blixrud <<http://www.arl.org/stats/counting.html>>.

The questionnaire assumes a fiscal year ending June 30, 2003. If your fiscal year is different, please provide a footnote in the "Footnotes" section of the questionnaire.

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

Please do not leave any lines blank. If an exact figure is unavailable, use **-1**, i.e., "U/A." If the appropriate answer is zero or none, use **0**. For non-university libraries, if a question is not applicable to your library, use **-2**, i.e., "N/A." (Academic libraries should *never* use -2 or N/A.)

In a university that includes 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 provide an explanation in the "Footnotes" section of the questionnaire.

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

Specific Instructions

Questions 1-4. Volumes in Library. Use the ANSI/NISO Z39.7-1995 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.

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 in the "Footnotes" section of the questionnaire.

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:

52 documents pieces per foot
10 "traditional" volumes per foot
5.2 documents pieces per volume

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

Question 2. 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) 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 4. Monographic Volumes Purchased. Report number of volumes purchased. Include all volumes for which an expenditure was made during 2002-03, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote in the "Footnotes" section of the questionnaire. **Note:** This question is concerned with volumes purchased rather than volumes received or cataloged. Question 16 requests the expenditure for the volumes counted here.

Questions 5-7. Serials. Report the total number of subscriptions, not titles. Include duplicate subscriptions and, to the extent possible, all government document serials even if housed in a separate documents collection. Verify the inclusion or exclusion of document serials in Question 48 of the questionnaire. Exclude unnumbered monographic and publishers' series. Electronic serials acquired as part of an aggregated package (e.g., Project MUSE, Academic IDEAL) should be counted by title. A **serial** is

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.

Question 6. Serials: Not Purchased. If separate counts of nonpurchased and purchased serials are not available, report only the total number of current serials received on line 7, and report **-1**, i.e., "U/A," for lines 5 and 6.

Question 8. 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 in the "Footnotes" section of the questionnaire if documents are excluded.

Question 9. 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 foot = 52 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 10. 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 11. Manuscripts and archives. Include both manuscripts and archives measured in linear feet.

Question 12. Cartographic materials. Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

Question 13. Graphic materials. Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

Question 14. Audio materials. Include the number of pieces of audiocassettes, phonodiscs, audio compact discs, reel-to-reel tapes, and other sound recordings.

Question 15. Film and video materials. Include the number of pieces of motion pictures, videocassettes, video laser discs, and similar visual materials.

Questions 16-27. 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 25, include non-library funds; see instruction Q24-25.) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (To determine figures in U.S. dollars, divide Canadian dollar amounts by 1.51023, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2002-June 2003.) **Please round figures to the nearest dollar.**

Question 16. Monographs. Report expenditures for volumes counted on line 4.

Question 17. Current Serials. Report expenditures for serials counted on line 5. Exclude unnumbered monographic and publishers' series, and encumbrances.

Question 18. Other library materials. Include expenditures for all materials not reported in Questions 16 and 17, e.g., backfiles of serials, charts and maps, audiovisual materials, manuscripts, etc. If expenditures for these materials are included in lines 16 and/or 17 and cannot be disaggregated, please report **-1**, i.e., "U/A," and provide a footnote in the "Footnotes" section of the questionnaire. Do not include encumbrances.

Question 19. Miscellaneous expenditures. Include any other **materials funds expenditures** not included in questions 16-18, 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 in the "Footnotes" section of the questionnaire. **Note:** If your library does not use materials funds for non-materials expenditures—i.e., such expenditures are included in "Other Operating Expenditures"—**report 0, not -1, i.e., "U/A,"** on line 19.

Question 21. 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 in the "Footnotes" section of the questionnaire; do not include personnel expenditures. (This figure should also be reported in the 2002-03 ARL Preservation Survey, question 7b.)

Questions 22-25. Salaries and wages. Exclude fringe benefits. If professional and support staff salaries cannot be separated, enter **-1**, i.e., "U/A," on lines 22 and 23 and enter total staff on line 25.

Questions 24-25. 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 26. Other operating expenditures. Exclude expenditures for buildings, maintenance, and fringe benefits.

Questions 28-31. Personnel. Report the number of 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 lines 22-25.

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 in the "Footnotes" section of the questionnaire. 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 28. 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 30. Student Assistants. Report the total FTE (see instruction Q28-31) 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.

Questions 32-33. Instruction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 32 and 33. Please indicate if responses are based on sampling.

Question 32. 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. Please indicate if the figure is based on sampling.

Question 33. Participants in Group Presentations. Report the total number of participants in the presentations reported on line 32. 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 34. Please indicate if the figure is based on sampling. Use the "Footnotes" section to describe any special situations.

Question 34. 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. 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 34. 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 35-36. Circulation. For Question 35, 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 36, report total circulation for the fiscal year including initial transactions reported on line 35 and renewal transactions. Exclude reserve circulations; these are no longer reported.

Questions 37-38. Interlibrary Loans. Report the number of requests for material (both returnables and non-returnables) provided to other libraries on line 37 and the number of filled requests for material received from libraries or other providers on line 38. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Include patron-initiated transactions. Do not include transactions between libraries covered by this questionnaire.

Questions 39-40. Ph.D. Degrees. Report the number awarded during the 2002-03 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 in the "Footnotes" section of the questionnaire.

Question 40. 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 in the "Footnotes" section of the questionnaire.

Question 41. Instructional Faculty. Instructional faculty are defined by the U.S. Dept. of Education as

those 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 2001-02 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

Questions 42-45. Enrollment. U.S. libraries should use the Fall 2002 enrollment figures reported to the Department of Education on the form entitled "Integrated Postsecondary Education Data System, Fall Enrollment 2002." The line and column numbers on the IPEDS form for each category are noted on the questionnaire. 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.

Question 46: Basis of Volume Count. A physical count is a piece count; a bibliographic count is a catalog record count.

Question 53. Footnotes. Explanatory footnotes will be included with the published statistics. Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion of branch campus libraries (see paragraph six of the "General Instructions" for definition of branch campus libraries). For the first time, the footnotes from the previous year will be presented in the web form. Please update, delete, or leave them unchanged if they remain valid. Note that the number in parentheses refers to the appropriate column on the Library Data Tables in the published *ARL Statistics*, as well as to the corresponding line number on the questionnaire. 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 on the web
<<http://lrc.lis.uiuc.edu/ARL/survey.cgi>>
by **October 31, 2003.**

Please contact Mark Young at (202) 296-2296 or stats-ra@arl.org for assistance.

APPENDIX

ARL MEMBER LIBRARIES AS OF JUNE 1, 2004

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

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

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

| Institution | Category | Full Name of Institution | Location |
|----------------------------|----------|---|-------------------------------|
| 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 |
| Rochester | P | University of Rochester | Rochester, New York |
| Rutgers | S | Rutgers University | New Brunswick, New Jersey |
| Saskatchewan | C | University of Saskatchewan | Saskatoon, Saskatchewan |
| South Carolina | S | University of South Carolina | Columbia, South Carolina |
| Southern California | P | University of Southern California | Los Angeles, California |
| Southern Illinois | S | Southern Illinois University | Carbondale, Illinois |
| SUNY-Albany | S | University at Albany, State University of New York | Albany, New York |
| SUNY-Buffalo | S | University at Buffalo, State University of New York | Buffalo, New York |
| SUNY-Stony Brook | S | State University of New York at Stony Brook | Stony Brook, New York |
| Syracuse | P | Syracuse University | Syracuse, New York |
| Temple | S | Temple University | Philadelphia, Pennsylvania |
| Tennessee | S | University of Tennessee | Knoxville, Tennessee |
| Texas | S | University of Texas | Austin, Texas |
| Texas A&M | S | Texas A&M University | College Station, Texas |
| Texas Tech | S | Texas Tech University | Lubbock, Texas |
| Toronto | C | University of Toronto | Toronto, Ontario |
| Tulane | P | Tulane University | New Orleans, Louisiana |
| Utah | S | University of Utah | Salt Lake City, Utah |
| Vanderbilt | P | Vanderbilt University | Nashville, Tennessee |
| Virginia | S | University of Virginia | Charlottesville, Virginia |
| Virginia Tech | S | Virginia Polytechnic Institute & State University | Blacksburg, Virginia |
| Washington | S | University of Washington | Seattle, Washington |
| Washington State | S | Washington State University | Pullman, Washington |
| Washington U.-St. Louis | P | Washington University | St. Louis, Missouri |
| Waterloo | C | University of Waterloo | Waterloo, Ontario |
| Wayne State | S | Wayne State University | Detroit, Michigan |
| Western Ontario | C | University of Western Ontario | London, Ontario |
| Wisconsin | S | University of Wisconsin | Madison, Wisconsin |
| Yale | P | Yale University | New Haven, Connecticut |
| York | C | York University | North York, Ontario |
| Boston Public Library | N | Boston Public Library | Boston, Massachusetts |
| Canada Inst. SciTech Info. | X | Canada Inst. for Scientific & Technical Information | Ottawa, Ontario |
| Center for Research Libs. | N | Center for Research Libraries | Chicago, Illinois |
| Library of Congress | N | Library of Congress | Washington, D.C. |
| Natl. Agricultural Lib. | N | National Agricultural Library | Beltsville, Maryland |
| Natl. Library of Canada | X | National Library of Canada | Ottawa, Ontario |
| Natl. Library of Medicine | N | National Library of Medicine | Bethesda, Maryland |
| New York Public Library | N | New York Public Library | New York, New York |
| New York State Library | N | New York State Library | Albany, New York |
| Smithsonian Institution | N | Smithsonian Institution | Washington, D.C. |