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**1999 Australian and New Zealand Academic library statistics**

**Updated 20 February, 2001**

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**Introduction**

The Australian and New Zealand academic library statistics are collected and published annually for CAUL (Council of Australian University Librarians). CAUL has engaged CAVAL (Cooperative Action by Victorian Academic Libraries) to collect and compile the statistics.

The CAUL Statistics Focus Group, consisting of the CAUL Executive Officer, the CAVAL Information Services Manager and representatives from several Australian academic libraries, met in October 1999, February and March 2000 to review the statistics collection. A survey and a trial collection of statistics relating to electronic data sources was undertaken in January 2000. Following this the Group made a number of recommendations, which were subsequently endorsed by CAUL and then incorporated into the collection of the 1999 statistics.

**Reporting Structure**

The 1999 statistics include 47 entries which cover 40 Australian and 7 New Zealand academic library systems.

As CAUL requested that data be supplied for each institution as a whole no breakdown by branch or campus library is available.

**Data Collection**

Following on from past successful use of electronic mail for the collection of the data, this method was used again for the collection of the 1999 data. The Excel spreadsheet was updated to incorporate the changes to the definitions and to improve clarity, and distributed by electronic mail to all participating libraries. Each library entered its data directly into the spreadsheet and returned it to CAVAL by electronic mail. The data was then merged and the tables in this publication were printed directly from the Excel spreadsheet.

Modifications to the 1999 data collection, as compared to 1998, were as follows

* the instructions and definitions for 'Serial Volumes' and 'Serial Titles' in the 'INFORMATION RESOURCES' section (columns 30 to 41) were completely re-written. The data for 'Serial titles' (columns 35-41) is no longer optional. New columns 30a & 30b, 31a and 31b, 35a & 35b, 36a & 36b, 37a & 37b, 38a & 38b, 39a & 39b, 40a & 40b, 41a & 41b have been added. The 'a' columns are for data relating to print and non-print titles and the 'b' columns are for data relating to electronic titles.
* the instructions for expenditure were revised to indicate that depreciation, occupancy, and insurance should be excluded
* the definitions of the various categories of students in the 'INSTITUTIONIAL POPULATION' section (columns 52 to 67) were updated to reflect those currently used by DETYA
* a new instruction for data from institutions which include a TAFE component was added. If at all possible TAFE population data should be excluded. If it is not possible, and TAFE students are included in Columns 60 and 61, then an explicit note should be provided. It will be assumed that the inclusion of TAFE population data implies that data in all other columns also includes TAFE.

**Statistical tables and data**

The statistical tables provided in this publication are shown in the same format as for 1998. Although there have been changes to the data collected as described above, the column numbers used for 1995 onwards have been retained. The arrangement of data within the tables follows the same pattern as in previous years as much as possible.

The following columns are not shown in the 1999 tables, as the columns are either no longer used, or the supply of data for them was optional -

Column 1A - Floor space – optional   
Columns 11A-11K – staff listed by HEW level - optional   
Column 12 - *no longer used*   
Column 13 - *no longer used*   
Column 14 - total number of loans - *optional*   
Column 15 - number of reserve collection loans – *optional*   
Column 21A - Inter-campus/Branch loans – *optional*   
Column 26 - non-serial titles acquired by purchase - *optional*   
Column 27 - non-serial titles acquired by gift or exchange - *optional*   
Column 28 - non-serial titles withdrawn during the year - *optional*   
Column 29 - total non-serial titles - *optional*   
Column 30 - number of bibliographic volumes added - *optional*   
Column 30A - number of print and non-print bibliographic volumes added - *optional*   
Column 30B - number of electronic bibliographic volumes added - *optional*   
Column 31 - number of bibliographic volumes withdrawn- *optional*   
Column 31A-number of print and non-print bibliographic volumes withdrawn- *optional*   
Column 31B - number of electronic bibliographic volumes withdrawn- *optional*   
Column 32 - number of bound volumes added - *optional*   
Column 33 - number of bound volumes withdrawn - *optional*   
Column 34 - total non-serial volumes - *optional*   
Column 41C - shelving (linear metres) – *optional*   
Column 42 - *no longer used*   
Column 43 - *no longer used*   
Column 46 - *no longer used*   
Column 47 - *no longer used*   
Column 51A - extraordinary expenditure – *optional*   
Column 65A - other users (persons) – *optional*   
Column 67A - turnstiles – *optional*

The following columns are not included in this printed report. Although the supply of data for them was compulsory for 1999, initial analysis of this data by the CAUL Statistics Focus Group detected a number of inconsistencies requiring further clarification. Once this has been addressed, the revised data for these columns will be available from the CAUL statistics web page (*http://www.caul.edu.au/stats/*).

Column 35 - new serial titles   
Column 35A - new print and non-print serial titles   
Column 35B - new electronic serial titles   
Column 36 - current serial titles by paid subscription   
Column 36A - current print and non-print serial titles by paid subscription   
Column 36B - current electronic serial titles by paid subscription   
Column 37 - current serial titles by gift, exchange or gratis   
Column 37A - current print and non-print serial titles by gift, exchange or gratis   
Column 37B - current electronic serial titles by gift, exchange or gratis   
Column 38 - total number of unique current serial titles   
Column 38A - current print and non-print unique current serial titles   
Column 38B - current electronic unique current serial titles   
Column 39 - total number of duplicate current serial titles   
Column 39A - current print and non-print duplicate serial titles   
Column 39B - current electronic duplicate serial titles   
Column 40 - number of serial titles actively cancelled   
Column 40A - actively cancelled print and non-print serial titles   
Column 40B - actively cancelled electronic titles   
Column 41 - total current serial titles   
Column 41A - current print and non-print serial titles   
Column 41B - current electronic serial titles

The entries in the main statistical tables for the Australian libraries have been arranged alphabetically within states, followed by the data for the New Zealand libraries. The only exception is the Australian Catholic University which is listed ahead of the other institutions.

The reference date is 31 December 1999, with the exception of data relating to institutional populations (columns 52-67) which is as at 31 March 1999 for the Australian Universities and 1 July 1999 for the New Zealand Libraries and other specific exceptions listed under 'General Comments and Explanatory Notes'.

Population data (columns 52-67) was supplied by DETYA (Department of Education, Training and Youth Affairs) for all Commonwealth government funded higher education institutions in Australia. The only exception was RMIT University which supplied population figures which include both higher education and vocational education and training staff and students, reflecting the high level of integration of teaching and support at this University.

Population data for the New Zealand universities and private institutions was supplied by the institution concerned.

Data which is an estimate only is shown in *italics*.

The symbol NA indicates that data was not provided as the information, though applicable, was NOT AVAILABLE. A BLANK entry indicates that the item in question is NOT APPLICABLE to that library.

Six rows of statistical information for Australian libraries have been added to the main tables. These rows show the TOTAL, the MEDIAN, the MEAN, the LOWER QUARTILE (25%), the UPPER QUARTILE (75%) and the VALID NO. of libraries used for the statistical calculations for each column. Statistics are not shown for those columns where the number of valid libraries is less than 25.

Two tables ranking the total library systems according to criteria selected by CAUL are included. These tables, headed 'Rankings of total library systems for selected ratios' show the same ratios published for the 1998 data. For each ratio the MEAN, MEDIUM, LOWER QUARTILE (25%), UPPER QUARTILE (75%) and the VALID NO. of libraries used to calculate that column are included. As noted in previous reports, interpretive comparisons of these statistics should always be made with caution.

Several amendments to the 1998, 1997 and 1996 statistics are included in this report. Please note that the statistical database maintained by CAVAL is updated whenever a notification of a correction is received. Excel spreadsheets containing the statistical data from 1991 to 1999 are available for downloading from the CAUL Web pages (*http://www.caul.edu.au/stats/*). The data from earlier years is being progressively converted into this format and will be made available in the same way.

This is the eighth year that CAVAL has collected and compiled these statistics. Thanks are due to all the participating academic librarians for their cooperation and their timely responses to this year's electronic data collection.

Cathie Jilovsky   
*Information Services Manager, CAVAL Limited*

Australian and New Zealand academic libraries listed by state

Australian Catholic University **\***

Australian Capital Territory   
Australian Defence Force Academy (University of NSW)   
Australian National University \*\*   
University of Canberra

New South Wales   
Avondale College   
Charles Sturt University   
Macquarie University   
Southern Cross University   
University of New England   
University of New South Wales \*\*\*   
University of Newcastle   
University of Sydney #   
University of Technology, Sydney   
University of Western Sydney   
University of Wollongong

Northern Territory   
Northern Territory University

Queensland   
Bond University   
Central Queensland University   
Griffith University   
James Cook University   
Queensland University of Technology   
University of Southern Queensland   
University of Queensland   
University of the Sunshine Coast

South Australia   
Flinders University of South Australia   
University of Adelaide   
University of South Australia

Tasmania   
University of Tasmania

Victoria   
Deakin University   
La Trobe University   
Monash University   
RMIT University   
Swinburne University of Technology ##   
University of Ballarat   
University of Melbourne   
Victoria University of Technology ###

Western Australia   
Curtin University of Technology   
Edith Cowan University   
Murdoch University   
University of Western Australia

New Zealand   
Lincoln University   
Massey University   
University of Auckland   
University of Canterbury   
University of Otago =   
University of Waikato   
Victoria University of Wellington

\* The **Australian Catholic University** comprises four divisions. These four divisions are in turn composed of the following libraries:   
Canberra Divison - Signadou campus   
New South Wales Divison - MacKillop campus and Mount St Mary campus   
Queensland Division - McAuley campus   
Victorian Division - Aquinas campus; Christ campus and Mercy campus.

\*\* Includes the Institute of the Arts which is part of the **Australian National University**.

\*\*\* Includes the College of Fine Arts Library. However this library operates independently of the **University of New South Wales Library**.

# Includes all libraries in the **University of Sydney** Library system plus the Sydney Conservatorium of Music Library.

## From 1999 **Swinburne University of Technology** return includes data for extra campuses at Croydon, Wantirna and Lilydale.

### **Victoria University of Technology** merged with the Western Melbourne Institute of TAFE in 1998. The 1999 data includes WMIT.

=The **University of Otago** return shows data for the Dunedin campus ONLY. A complete data set for the Wellington and Christchurch Clinical School libraries is not available, and these libraries are not under the control of the University Librarian.

**Australian Consumer Price Index: Weighted Average of Eight Capital Cities**   
(Base Year: 1989-90 = 100)

|  |  |
| --- | --- |
| Year ending 30 June | All Groups |
| 1993 | 109.3 |
| 1994 | 111.2 |
| 1995 | 116.2 |
| 1996 | 119.8 |
| 1997 | 120.2 |
| 1998 | 121.02 |
| 1999 | 122.03 |

**Source: Australian Bureau of Statistics Catalogue Number 6401.0, Table 1, *Australian Consumer Price Index,* March, 2000, p.5**

**Exchange Rates of Foreign Currency per Australian Dollar**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *Year ending*  *30 June* | *Japan* | *U.K* | *U.S.A.* | *European Union* | *Germany* | *Trade-weighted*  *rate of Aust $* |
|  | Yen | Pounds | Dollars | Euros | Marks | Index |
| 1993 | 71.54 | 0.4453 | 0.6722 |  | 1.137 | 49.5 |
| 1994 | 72.20 | 0.4721 | 0.7291 |  | 1.159 | 53.0 |
| 1995 | 60.08 | 0.4452 | 0.7086 |  | 0.9814 | 48.4 |
| 1996 | 86.48 | 0.5099 | 0.7890 |  | 1.2002 | 58.1 |
| 1997 | 85.20 | 0.4482 | 0.7455 |  | 1.2946 | 56.7 |
| 1998 | 86.16 | 0.3681 | 0.6135 |  | 1.1096 | 57.9 |
| 1999 | 79.66 | 0.4188 | 0.6596 | 0.6282 | 1.2286 | 53.3 |

**Source:** Australian Economic Indicators Catalogue Number 1350.0, Table 8.6, July, 2000, p. 111   
Base : May 1970 = 100.0, *Reserve Bank of Australia Bulletin (RBA)*.

**Rankings of total library systems for selected ratios**

These are shown on the following four pages.   
Notes:

(i) Forty total library systems have been used.   
(ii) Column numbers used for the various ratios are:

Seats per 100 population members: Columns (3+4+5) to column 67

Library staff per 100 population members: Column 11 to Column 67

Non-serial volumes purchased per population member: Column 22 to Column 67

Serials Titles per population member: Column 38 to Column 67

Serials expenditure per population member: Column 45 to Column 67

Acquisitions expenditure per population member: Columns (44+45) to Column 67

Percentage expenditure on Information Resources: Columns(44+45+48) to Column 51 (%)

Percentage expenditure on Salaries: Column 50 to Column 51 (%)

Salaries expenditure per population member: Column 50 to Column 67

Total Expenditure per population member: Column 51 to Column 67

**General Comments and explanatory notes**

**Australian Academic Libraries**

|  |  |  |
| --- | --- | --- |
| **Column** | **University** | **Notes** |
| 1-67 | Swinburne University of Technology | Combined Higher Ed and TAFE data, as it is impossible to untangle the collections and expenditures. |
| 1-67 | University of Ballarat | Unable to exclude TAFE data, as it is too difficult to divide data between TAFE and Higher Ed. |
| 15 | University of Technology, Sydney | Includes Electronic Reserve access figures The figures represent printing or viewing of a document in Electronic Reserve. With the implementation of Electronic Reserve service, the loans figures for the print records in Closed Reserve have gone down significantly, while Electronic Reserve figures continue to rise. |
| 25 | University of Queensland | December 1999 stockcount value |
| 30B | James Cook University | Could not determine a count of electronic bibliographic volumes. |
| 30B | University of Queensland | December 1999 stockcount value. |
| 34 | University of Queensland | December 1999 stockcount value. |
| 35B | James Cook University | It is not practical to maintain a record of duplication between aggregations such as ABI Inform Global and the print collection. But where known, eg IDEAL, duplication has been accounted for. |
| 35B | University of Ballarat | EBSCOHost titles. |
| 40B | James Cook University | Cancelled Business International on InfoTrac(614 electronic titles) in favour of other aggregations. |
| 41,41B | James Cook University | Seriously inflate the real value of serial resources. Many titles in some of the aggregations are of extremely marginal value to James Cook University, and would never be considered for purchase. They just happen to come with the ones that we really want. |
| 52-55 | University of Sunshine Coast | DETYA was unable to supply staff data, as the legislation confirming the split from the Queensland University of Technology was not passed until after the census date. |
| 52-55 | RMIT | Population data supplied by the institution, which includes TAFE staff and students. |
| 67A | University of Ballarat | Mt Helen Campus (Higher Education) only. |

**New Zealand University Libraries**   
The New Zealand statistics follow the Australian format as closely as possible. Variations are described in these notes. Figures are calculated as at 31 December 1999 except for population (columns 52-67) where the relevant date is 1 July 1999.

|  |  |  |
| --- | --- | --- |
| **Column** | **University** | **Notes** |
| **8** | Massey University | Revised to include casual staff |
| 25 | University of Otago | Total figure excludes archives and manuscripts, which are measured in linear metres. |
| 35B,37B | Lincoln University | Includes titles, freely available on the Web that Lincoln University has selected for subject listings on its own Web pages. |
| 36-38B | University of Waikato | The electronic full-text journals hugely inflate the figures, particularly in services such as LEXIS(estimated 12,600 titles), NEXIS (900), WestLaw (10,363) and Reuters (4000). |
| 39-39B | Lincoln University | Ignored duplicate titles across different full text services eg ABI & SSO & EA and with our print collection. |
| 45 | Victoria University of Wellington | Consists of Serials, document delivery, online subscriptions. |
| 48 | Massey University | Figures included in serials subscriptions. |
| 48 | University of Canterbury | Credit amount - after taking off expenses (e.g. purchase of materials) the Bindery makes a small profit |
| 56 | Massey University | Revised, using same methodology as in previous years - for consistency. |

**Amendments to 1998 statistics**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **University of Melbourne** | | | | | | |
| Col. 22 | should read | 54375 |  | Col. 38 | Should read | 13573 |
| Col. 25 | should read | 2299633 |  | Col. 39 | Should read | NA |
| Col. 27 | should read | 8000 |  | Col. 40 | Should read | 2151 |
| Col. 29 | should read | 2258099 |  | Col. 41 | Should read | 13573 |
| Col. 36 | should read | 9771 |  |  |  |  |
|  | | | | | | |
| **University of Otago** | | | | | | |
| Col. 2 | should read | 99.50 |  | Col. 15 | should read | 327,428 |
| Col. 14 | should read | 279,962 |  | Col. 32 | should read | 6965 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Southern Cross University** | | | | | | |
| Col.2 | should read | 70.00 |  |  |  |  |

**Amendments to 1997 statistics**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **University of Melbourne** | | | | | | | | | | | |
| Col. 22 | should read | 60226 | | |  | Col. 28 | | should read | | 35000 | |
| Col. 24 | should read | 48805 | | |  | Col. 29 | | should read | | 2226683 | |
| Col. 25 | should read | 2252094 | | |  | Col. 36 | | should read | | 11922 | |
| Col. 26 | should read | 45274 | | |  | Col. 37 | | should read | | 4377 | |
| Col. 27 | should read | 10000 | | |  |  | |  | |  | |
|  | | | | | | | | | | | |
| **Lincoln University** | | | | | | | | | | | |
| Col. 22 | should read | | 4162 |  | | | Col. 25 | | should read | | 66769 |
| Col. 26 | should read | | 3699 |  | | | Col. 29 | | should read | | 61561 |
|  | | | | | | | | | | | |
| **University of Otago** | | | | | | | | | | | |
| Col. 28 | should read | | 10231 |  | | |  | |  | |  |

**Amendments to 1996 statistics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **University of Melbourne (VU)** | | | | | | | | | | | | |
| Col. 22 | should read | | | 52716 | |  | Col. 36 | | should read | | 11980 | |
| Col. 25 | should read | | | 2230422 | |  | Col. 37 | | should read | | 4613 | |
| Col. 26 | should read | | | 38496 | |  | Col. 38 | | should read | | 16593 | |
| Col. 28 | should read | | | 2000 | |  | Col. 41 | | should read | | 16593 | |
| Col. 29 | should read | | | 2206409 | |  |  | |  | |  | |
| Col. 32 | should read | | | 7840 | |  |  | |  | |  | |
|  | | | | | | | | | | | | |
| **University of Otago (ZDU)** | | | | | | | | | | | | |
| Col. 50 | | should read | $4,579,088 | |  | | |  | |  | |  |

**Amendments to 1995 statistics**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **University of Melbourne (VU)** | | | | | | |
| Col. 22 | should read | 57150 |  | Col. 36 | should read | 9947 |
| Col. 25 | should read | 2172105 |  | Col. 37 | should read | 6601 |
| Col. 26 | should read | 51827 |  | Col. 38 | should read | 16548 |
| Col. 28 | should read | 3000 |  | Col. 40 | should read | 763 |
| Col. 29 | should read | 2160788 |  | Col. 42 | should read | 12803 |
| Col. 32 | should read | 8031 |  | Col. 43 | should read | 11132 |

**Amendments to 1994 statistics**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **University of Melbourne (VU)** | | | | | | |
| Col. 21 | should read | 49814 |  | Col. 34 | should read | 298 |
| Col. 24 | should read | 2111792 |  | Col. 35 | should read | 10425 |
| Col. 25 | should read | 44975 |  | Col. 37 | should read | 17463 |
| Col. 28 | should read | 2105475 |  | Col. 39 | should read | 586 |
| Col. 31 | should read | 7062 |  | Col. 40 | should read | 17463 |
| Col. 33 | should read | 663184 |  |  |  |  |

**Amendments to 1993 statistics**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **University of Melbourne (VU)** | | | | | | |
| Col. 24 | should read | 46865 |  | Col. 34 | should read | 10178 |
| Col. 25 | should read | 9210 |  | Col. 36 | should read | 656122 |
| Col. 26 | should read | 594 |  | Col. 37 | should read | 425 |
| Col. 27 | should read | 2069954 |  | Col. 38 | should read | 10240 |
| Col. 28 | should read | 43959 |  | Col. 40 | should read | 17121 |
| Col. 29 | should read | 7427 |  | Col. 42 | should read | 1158 |
| Col. 30 | should read | 328 |  | Col. 43 | should read | 17121 |
| Col. 31 | should read | 2051379 |  |  |  |  |

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[[Australian University Web Sites](http://www.avcc.edu.au/australias_unis/individual_unis/index.htm)] [[Other Web Sites](http://archive.caul.edu.au/org/)] [[Web Search Tools](http://archive.caul.edu.au/org/search.htm)]

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