

# 2007 Australian and New Zealand Academic Library (CAUL) Statistics

## 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 to collect and compile the statistics.

## Reporting Structure

The 2007 statistics include 49 entries, which cover 40 Australian and 8 New Zealand academic library systems and 1 co-operative store.

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

## Data Collection

The data for the 2007 CAUL Statistics was collected using the Input Module of the CAUL Statistics Online website. This site, at <http://statistics.caul.edu.au>, was developed for CAUL by CAVAL. Each participating library was supplied with a logon to the Input Module and entered its data directly into the statistical database. A range of data validation checks were incorporated, and the general instructions and detailed data definitions were made available for download and printing. The verified data was then extracted from the database to create the tables.

The "Deemed List", containing title counts of full-text electronic databases, was updated for the collection of the 2007 data. This list was available to participating libraries from the CAUL Statistics Online website and they were instructed to use it for calculating new, cancelled and current Serial Titles for e-journals which are part of Publisher's Collections or Aggregations.

The collection procedures and publication details for the 2007 data are as recommended by the CAUL Statistics Focus Group and endorsed by CAUL. The instructions, statistic definitions and "Deemed List" are available from the Help page of the CAUL statistics online site <http://statistics.caul.edu.au/help/>.

## Statistical tables and data

The statistical tables provided are shown in the same format as for previous years. Note that following the implementation of the online input module in 2005 some logical changes were made to the order of data elements. Nonetheless the

arrangement of data within the tables follows the same pattern used for earlier years as much as possible.

The supply of data for the following data elements was optional. This is indicated in the tables by shading the appropriate columns. All available optional data can be displayed through the Online website.

- Library Organisation
  - Floor space
  - Shelving
  - Archives
- Library Staff
  - Staff listed by HEW level
- Library Services
  - Info Literacy: groups
  - Info Literacy: persons
  - Info Literacy: reference transactions
  - Inter-campus/Branch loans
  - Turnstiles
- Information Resources
  - Serial volumes: added
  - Serial volumes: withdrawn
  - Serial volumes: Total

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.

Population data was supplied by DEEWR (Commonwealth Department of Education, Employment and Workplace Relations) for all Commonwealth government funded higher education institutions in Australia. Note that Charles Darwin University, La Trobe University, RMIT University, Swinburne University, the University of Ballarat and Victoria University supplied additional data for their TAFE (Technical and Further Education) populations.

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

The reference date is 31 December 2007, with the exception of data relating to institutional populations. 2007 data supplied by DEST covers the period 1 January - 31 December, and the reference date for New Zealand University Libraries is 1 July. Other specific exceptions are listed under 'General Comments and Explanatory Notes'.

Data which is an estimate only is shown in *italics*. The symbol CP indicates that data COULD NOT BE PROVIDED for that column. A BLANK entry indicates that the item in question is NOT APPLICABLE to that library.

Nine rows of statistical information for both Australian and New Zealand libraries have been added to the main tables. These rows show the TOTAL for all Australian

libraries, the TOTAL for all New Zealand libraries, the TOTAL for Australian and New Zealand libraries, the MEAN, the STANDARD DEVIATION, the MEDIAN, 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 35. Library Expenditure data is in Australian dollars for Australian libraries and in New Zealand dollars for New Zealand Libraries. With the exception of the sub-total of New Zealand libraries expenditure which is in New Zealand dollars, all other calculated statistics are for Australian libraries only and are in Australian dollars.

Two tables ranking the total library systems according to criteria selected by CAUL are included. Both Australian and New Zealand universities are included in these ranking tables. These tables, headed 'Rankings of total library systems for selected ratios' show the same ratios as provided in previous years. For each ratio the MEAN, STANDARD DEVIATION, MEDIUM, LOWER QUARTILE (25%), UPPER QUARTILE (75%) and the VALID NO. of libraries used to calculate that column are included. Note that expenditure for New Zealand Libraries has been converted to Australian Dollars for these ratios. As noted in previous reports, interpretive comparisons of these statistics should always be made with caution.

Please note that the online statistical database at <http://statistics.caul.edu.au> maintained by CAVAL is updated whenever notification of a correction is received. All data from 1994 onwards is now available and the site incorporates functionality to graph and download data, and to benchmark between a range of self-selected institutions. In addition Excel spreadsheets containing the statistical data from 1983 to 2007 are available for downloading from the CAUL Web pages <http://www.caul.edu.au/stats/>.

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

Cathie Jilovsky  
*CIO, CAVAL Ltd*

14 October 2008

## 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**

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**

Charles Darwin University

### **Queensland**

Bond University  
Central Queensland University  
Griffith University  
James Cook University  
Queensland University of Technology  
University of Queensland  
University of Southern 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**

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

### **Western Australia**

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

### **New Zealand**

Auckland University of Technology  
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 Division - Signadou campus  
New South Wales Division - MacKillop campus and Mount St Mary campus  
Queensland Division - McAuley campus  
Victorian Division - Aquinas campus; Christ campus and Mercy campus.

- # The **CARM (CAVAL Archival and Research Materials)** Centre is a cooperative storage facility managed by CAVAL Collaborative Solutions for its member libraries.

- ♪ The **University of Otago** return does not include data for the Wellington and Christchurch Clinical School libraries, which 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
2001	133.8
2002	137.6
2003	141.3
2004	144.8
2005	148.4
2006	154.3
2007	157.5

Source: Australian Bureau of Statistics Catalogue Number 6401.0. Available from <http://www.abs.gov.au/>

## Exchange Rates of Foreign Currency per Australian Dollar

(Base May 1970 = 100.0)

Year Ending 30 June	Japan	U.K	U.S.A.	European Union	Germany	Trade-weighted rate of Aust \$
	<i>Yen</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Euros</i>	<i>Marks</i>	<i>Index</i>
2001	62.94	0.3603	0.5075	0.6002		49.7
2002	67.48	0.3700	0.5648	0.5715		52.3
2003	79.99	0.4038	0.6674	0.5840		59.4
2004	74.82	0.3815	0.6889	0.5702		59.1
2005	85.98	0.4246	0.7337	0.6175		62.7
2006	94.13	0.4030	0.7913	0.6012		64.9
2007	98.77	0.4412	0.8816	0.5980		68.7

Source: Australian Economic Indicators Catalogue Number 1350.0.  
Available from <http://www.rba.gov.au/Statistics/>  
Exchange Rates and Reserve Bank Foreign Exchange Operations

## Rankings of total library systems for selected ratios

These are shown on the following four pages.

- (i) 48 total library systems have been used, comprising both Australian and New Zealand universities. CARM has been excluded from these rankings
- (ii) Expenditure for New Zealand Libraries has been converted to Australian Dollars. Rate (31 Dec 2007) sourced from: <http://www.rba.gov.au/Statistics/Bulletin/F11hist.xls>
- (iii) Data elements used for the various ratios are:

<i>Seats</i>	Seating: Total + Seating: Classroom
<i>Library staff</i>	Positions: Total Staff
<i>Population members</i>	Population: Total FTE
<i>Non-serial volumes purchased</i>	Non-serial items: Acquired
<i>Serial titles</i>	Serial titles: Total Current
<i>Serials expenditure</i>	Expenditure: Serials Subs
<i>Acquisitions expenditure</i>	Expenditure: Non-serials + Expenditure: Serials Subs
<i>Expenditure on Information Resources</i>	Expenditure: Non-serials + Expenditure: Serials Subs + Expenditure: Binding
<i>Expenditure on Salaries</i>	Expenditure: Salaries
<i>Total expenditure</i>	Expenditure: Total

## 2007 CAUL STATISTICS

RANKINGS OF TOTAL LIBRARY SYSTEMS FOR SELECTED RATIOS	EFTSU Population		Seats per 100 population members		Library staff per 100 population members		Non-serial volumes purchased per population member		Serial titles per population member		Serials expenditure per population member	
	Total	Rank	Ratio	Rank	Ratio	Rank	Ratio	Rank	Ratio	Rank	AU\$	Rank
Australian Catholic University	10,917	38	12.11	11	0.70	10	1.75	9	2.44	30	105.44	41
<b>AUSTRALIAN CAPITAL TERRITORY</b>												
Australian Defence Force Academy	1,878	48	8.68	26	1.49	1	4.29	4	25.15	1	582.36	1
Australian National University	14,856	33	13.73	9	0.79	4	2.55	5	4.61	9	416.12	2
University of Canberra	8,139	42	9.08	24	0.57	17	1.24	20	8.75	5	124.70	39
<b>NEW SOUTH WALES</b>												
Charles Sturt University	20,061	22	6.73	35	0.44	35	0.71	40	2.40	32	117.69	40
Macquarie University	23,174	18	6.39	37	0.54	18	4.71	3	2.25	35	186.72	25
Southern Cross University	9,733	41	8.99	25	0.43	36	0.53	44	3.80	16	125.35	38
University of New England	10,070	40	6.11	40	0.46	30	0.83	35	3.03	21	199.71	20
University of New South Wales	34,963	6	4.23	46	0.53	20	0.47	46	2.43	31	287.59	9
University of Newcastle	20,834	20	10.84	18	0.45	33	1.78	8	2.70	25	227.68	16
University of Sydney	41,615	3	9.97	20	0.64	13	1.13	23	1.80	39	225.01	17
University of Technology, Sydney	24,796	17	7.09	34	0.40	41	1.13	22	3.23	17	217.69	19
University of Western Sydney	25,892	14	11.23	15	0.51	22	2.41	6	2.67	26	192.96	23
University of Wollongong	17,937	27	6.53	36	0.41	37	1.00	29	3.15	18	173.50	28
<b>NORTHERN TERRITORY</b>												
Charles Darwin University	7,808	43	.00	47	0.61	14	0.36	47	4.60	10	140.73	36
<b>QUEENSLAND</b>												
Bond University	4,926	45	15.25	6	0.61	15	1.22	21	9.90	2	169.51	29
Central Queensland University	15,590	30	9.24	23	0.46	27	1.03	27	2.66	27	102.19	43
Griffith University	29,598	12	8.17	30	0.49	24	0.78	36	2.57	28	153.65	34
James Cook University	12,712	36	12.08	12	0.46	31	0.56	42	2.71	24	249.79	14
Queensland University of Technology	31,604	8	6.12	39	0.41	38	0.97	31	1.69	41	164.91	31
University of Queensland	35,000	5	11.21	16	0.73	7	1.30	19	2.30	34	348.56	4
University of Southern Queensland	13,300	34	6.33	38	0.40	39	0.75	38	2.07	37	102.21	42
University of the Sunshine Coast	4,529	46	14.37	8	0.40	40	1.49	17	9.40	4	287.80	8
<b>SOUTH AUSTRALIA</b>												
Flinders University of South Australia	13,056	35	13.04	10	0.70	9	1.41	18	2.89	23	224.80	18
University of Adelaide	18,549	24	10.86	17	0.66	12	0.89	32	4.36	11	262.11	12
University of South Australia	25,568	15	7.31	32	0.48	25	0.73	39	2.13	36	158.90	33

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RANKINGS OF TOTAL LIBRARY SYSTEMS FOR SELECTED RATIOS	EFTSU Population		Seats per 100 population members		Library staff per 100 population members		Non-serial volumes purchased per population member		Serial titles per population member		Serials expenditure per population member	
	Total	Rank	Ratio	Rank	Ratio	Rank	Ratio	Rank	Ratio	Rank	AU\$	Rank
<b>TASMANIA</b>												
University of Tasmania	15,261	32	8.62	27	0.49	23	1.08	26	2.99	22	159.37	32
<b>VICTORIA</b>												
Deakin University	25,462	16	5.85	41	0.46	28	1.54	15	3.06	20	183.14	27
LaTrobe University	30,385	11	5.72	43	0.46	29	0.87	33	1.29	47	185.67	26
Monash University	47,469	2	10.11	19	0.53	19	1.61	13	1.78	40	196.69	21
RMIT University	48,404	1	4.69	45	0.31	45	1.01	28	1.41	45	76.24	44
Swinburne University of Technology	28,302	13	5.72	42	0.25	46	0.49	45	1.60	43	67.90	47
University of Ballarat	15,302	31	4.86	44	0.23	47	0.55	43	1.54	44	72.19	45
University of Melbourne	40,755	4	8.61	28	0.52	21	0.99	30	1.66	42	196.25	22
Victoria University	30,430	10	11.98	13	0.34	43	1.09	25	1.39	46	69.76	46
<b>WESTERN AUSTRALIA</b>												
Curtin University of Technology	30,647	9	7.45	31	0.36	42	0.58	41	1.87	38	140.50	37
Edith Cowan University	16,227	29	9.79	22	0.47	26	1.10	24	3.14	19	143.03	35
Murdoch University	11,951	37	11.55	14	0.45	32	1.49	16	5.00	8	236.35	15
University of Notre Dame	5,129	44	.00	48	0.00	48	0.00	48	0.00	48	.00	48
University of Western Australia	18,412	25	15.59	5	0.73	5	0.78	37	3.80	15	342.03	5
<b>NEW ZEALAND</b>												
Auckland University of Technology	17,989	26	8.24	29	0.33	44	0.84	34	4.05	13	168.25	30
Lincoln University	3,291	47	25.83	1	0.88	3	1.72	10	9.44	3	269.62	11
Massey University	22,013	19	7.22	33	0.45	34	1.55	14	2.31	33	190.57	24
University of Auckland	34,466	7	14.98	7	0.68	11	1.65	12	2.46	29	331.02	6
University of Canterbury	16,769	28	18.56	2	0.70	8	5.95	2	4.33	12	257.50	13
University of Otago	20,271	21	17.53	3	0.93	2	7.17	1	4.02	14	381.89	3
University of Waikato	10,728	39	9.92	21	0.73	6	1.86	7	5.23	7	308.20	7
Victoria University of Wellington	19,048	23	16.38	4	0.57	16	1.68	11	5.42	6	273.51	10
Mean	20,538		9.69		0.53		1.49		3.82		204.11	
Standard Deviation	11,207		4.54		0.22		1.34		3.71		101.52	
Median	18,412		9.08		0.49		1.10		2.71		190.57	
Lower Quartile	12,522		6.50		0.43		0.78		2.12		140.67	
Upper Quartile	28,626		12.01		0.65		1.62		4.12		258.65	
Valid number	48		48		48		48		48		48	



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RANKINGS OF TOTAL LIBRARY SYSTEMS FOR SELECTED RATIOS	EFTSU Population		Acquisitions expenditure per population member		Percentage expenditure on information resources		Percentage expenditure on salaries		Salaries expenditure per population member		Total expenditure per population member	
	Total	Rank	AU\$	Rank	%	Rank	%	Rank	AU\$	Rank	AU\$	Rank
Australian Catholic University	10,917	38	200.51	36	25.74	47	61.40	2	479.82	4	781.52	11
<b>AUSTRALIAN CAPITAL TERRITORY</b>												
Australian Defence Force Academy	1,878	48	741.34	1	35.59	37	54.95	9	1152.81	1	2098.09	1
Australian National University	14,856	33	546.86	2	47.93	10	43.24	40	497.93	2	1151.66	2
University of Canberra	8,139	42	205.97	35	32.20	42	62.07	1	400.25	8	644.84	24
<b>NEW SOUTH WALES</b>												
Charles Sturt University	20,061	22	171.37	39	33.12	41	50.93	17	265.44	37	521.21	38
Macquarie University	23,174	18	250.20	27	36.17	35	48.91	25	341.03	18	697.23	21
Southern Cross University	9,733	41	156.57	42	30.00	45	58.11	6	303.22	29	521.84	37
University of New England	10,070	40	272.62	24	44.55	14	48.03	28	298.84	31	622.20	29
University of New South Wales	34,963	6	306.89	18	43.97	16	52.95	14	372.50	14	703.50	20
University of Newcastle	20,834	20	296.56	21	44.44	15	45.92	35	306.61	28	667.79	23
University of Sydney	41,615	3	314.97	15	41.10	26	49.47	23	383.45	10	775.16	13
University of Technology, Sydney	24,796	17	296.63	20	48.58	8	50.05	21	308.98	27	617.32	31
University of Western Sydney	25,892	14	361.18	10	43.75	17	47.56	30	393.94	9	828.32	6
University of Wollongong	17,937	27	242.16	28	38.98	31	46.57	33	290.37	32	623.47	28
<b>NORTHERN TERRITORY</b>												
Charles Darwin University	7,808	43	165.19	40	27.40	46	59.42	3	358.20	16	602.81	32
<b>QUEENSLAND</b>												
Bond University	4,926	45	260.60	26	35.87	36	51.21	16	374.47	11	731.26	17
Central Queensland University	15,590	30	152.74	43	32.09	43	58.78	4	279.79	34	475.98	41
Griffith University	29,598	12	219.60	33	41.54	24	47.59	29	255.38	39	536.57	35
James Cook University	12,712	36	308.87	17	49.57	6	44.06	39	279.49	35	634.40	27
Queensland University of Technology	31,604	8	240.55	29	43.14	19	50.06	20	282.50	33	564.31	34
University of Queensland	35,000	5	449.24	5	46.52	12	45.10	37	441.31	5	978.46	5
University of Southern Queensland	13,300	34	157.23	41	41.76	23	50.69	19	190.98	44	376.80	45
University of the Sunshine Coast	4,529	46	379.78	8	52.63	4	35.42	46	255.95	38	722.53	18
<b>SOUTH AUSTRALIA</b>												
Flinders University of South Australia	13,056	35	330.88	12	42.98	20	53.51	11	417.66	6	780.48	12
University of Adelaide	18,549	24	314.07	16	39.54	30	52.08	15	417.20	7	801.07	9
University of South Australia	25,568	15	226.07	32	36.54	34	53.09	13	330.13	20	621.87	30

## 2007 CAUL STATISTICS

RANKINGS OF TOTAL LIBRARY SYSTEMS FOR SELECTED RATIOS	EFTSU Population		Acquisitions expenditure per population member		Percentage expenditure on information resources		Percentage expenditure on salaries		Salaries expenditure per population member		Total expenditure per population member	
	Total	Rank	AU\$	Rank	%	Rank	%	Rank	AU\$	Rank	AU\$	Rank
<b>TASMANIA</b>												
University of Tasmania	15,261	32	226.07	31	38.96	32	53.51	12	316.77	23	592.02	33
<b>VICTORIA</b>												
Deakin University	25,462	16	275.42	23	43.57	18	47.21	31	300.30	30	636.14	26
LaTrobe University	30,385	11	236.97	30	37.54	33	49.45	24	315.26	24	637.59	25
Monash University	47,469	2	321.41	13	40.52	29	46.38	34	373.60	12	805.50	8
RMIT University	48,404	1	143.53	44	34.88	40	48.10	27	200.46	42	416.79	42
Swinburne University of Technology	28,302	13	100.34	47	35.56	39	57.70	7	163.47	45	283.33	46
University of Ballarat	15,302	31	101.83	46	40.79	27	54.58	10	136.94	47	250.91	47
University of Melbourne	40,755	4	296.11	22	42.14	21	50.75	18	362.16	15	713.67	19
Victoria University	30,430	10	121.33	45	31.77	44	56.27	8	216.54	41	384.81	44
<b>WESTERN AUSTRALIA</b>												
Curtin University of Technology	30,647	9	199.96	37	41.42	25	48.53	26	238.10	40	490.61	40
Edith Cowan University	16,227	29	189.41	38	35.58	38	58.14	5	309.60	26	532.55	36
Murdoch University	11,951	37	301.58	19	40.78	28	45.90	36	340.54	19	741.99	16
University of Notre Dame	5,129	44	.00	48	.00	48	.00	48	.00	48	.00	48
University of Western Australia	18,412	25	411.91	7	41.94	22	49.59	22	493.75	3	995.74	3
<b>NEW ZEALAND</b>												
Auckland University of Technology	17,989	26	218.70	34	54.10	2	36.36	45	147.63	46	406.06	43
Lincoln University	3,291	47	360.96	11	47.43	11	44.63	38	342.84	17	768.21	14
Massey University	22,013	19	266.79	25	53.35	3	38.85	42	194.43	43	500.51	39
University of Auckland	34,466	7	429.17	6	52.08	5	38.60	43	319.46	22	827.66	7
University of Canterbury	16,769	28	315.27	14	45.83	13	46.82	32	322.91	21	689.66	22
University of Otago	20,271	21	472.71	3	48.57	9	38.16	44	373.45	13	978.58	4
University of Waikato	10,728	39	364.28	9	48.93	7	41.52	41	310.57	25	747.96	15
Victoria University of Wellington	19,048	23	457.56	4	57.52	1	33.53	47	267.37	36	797.42	10
Mean	20,538		278.75		40.60		48.04		327.59		672.47	
Standard Deviation	11,207		124.84		9.02		9.54		150.17		285.55	
Median	18,412		272.62		41.54		48.91		310.57		644.84	
Lower Quartile	12,522		200.37		35.80		45.70		266.89		529.87	
Upper Quartile	28,626		323.78		46.00		53.20		373.49		776.49	
Valid number	48		48		48		48		48		48	