

2008 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 2008 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 2008 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 made 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 2008 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 2008, with the exception of data relating to institutional populations. 2008 data supplied by DEEWR covers the period 1 January - 31 December, and the reference date for New Zealand University Libraries is 1 July. Other specific exceptions are shown as notes attached to the data element to which they refer in the Online database.

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 2008 are available for downloading from the CAUL Web pages <http://www.caul.edu.au/stats/>.

This is the seventeenth 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

26 November 2009

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 and St Patrick's 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
2002	137.6
2003	141.3
2004	144.8
2005	148.4
2006	154.3
2007	157.5
2008	164.6

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	Trade-weighted rate of Aust \$
	<i>Yen</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Euros</i>	<i>Index</i>
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
2008	62.57	0.4796	0.6928	0.4919	55.6

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 2008) 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

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RANKINGS OF TOTAL LIBRARY SYSTEMS FOR SELECTED RATIOS	FTE 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	12,540	38	10.72	18	0.65	10	0.75	36	3.20	23	105.48	44
AUSTRALIAN CAPITAL TERRITORY												
Australian Defence Force Academy	388	48	64.43	1	6.70	1	12.45	1	194.46	1	2700.04	1
Australian National University	15,694	32	14.23	9	0.73	4	2.04	7	4.54	10	480.71	2
University of Canberra	8,255	42	8.95	26	0.57	16	1.35	14	4.59	9	135.41	38
NEW SOUTH WALES												
Charles Sturt University	19,502	24	8.16	30	0.46	30	0.88	31	3.16	25	127.78	40
Macquarie University	24,310	18	6.09	41	0.60	14	2.10	6	2.23	37	187.59	26
Southern Cross University	10,158	40	9.51	23	0.40	38	0.63	43	4.15	14	103.64	45
University of New England	9,969	41	5.87	43	0.46	27	0.96	28	3.45	20	216.12	21
University of New South Wales	37,052	5	3.99	48	0.43	32	0.53	46	2.07	39	330.81	6
University of Newcastle	22,246	19	10.15	20	0.46	28	0.98	27	2.84	30	259.33	12
University of Sydney	42,708	3	9.44	25	0.59	15	1.22	17	1.78	41	219.47	20
University of Technology, Sydney	24,902	17	7.96	31	0.37	40	1.06	23	3.38	21	237.98	16
University of Western Sydney	26,458	16	11.74	13	0.50	22	2.43	2	3.10	27	156.39	35
University of Wollongong	19,046	26	9.48	24	0.40	37	1.00	26	3.19	24	181.86	29
NORTHERN TERRITORY												
Charles Darwin University	7,593	43	6.76	37	0.63	13	0.25	48	5.06	8	148.60	36
QUEENSLAND												
Bond University	5,934	44	12.66	12	0.54	20	1.34	15	8.64	5	175.11	31
Central Queensland University	12,992	37	8.74	28	0.47	24	0.92	30	3.60	18	120.36	42
Griffith University	30,754	11	7.86	32	0.46	29	0.71	39	2.90	28	157.68	34
James Cook University	13,247	35	11.19	15	0.41	35	0.62	44	2.62	32	225.61	19
Queensland University of Technology	32,065	9	6.72	38	0.40	39	0.85	32	2.26	36	206.82	23
University of Queensland	35,618	6	10.97	16	0.70	6	1.16	19	2.41	34	316.59	7
University of Southern Queensland	13,346	33	6.19	40	0.37	41	0.47	47	2.28	35	124.69	41
University of the Sunshine Coast	5,034	46	12.93	10	0.36	43	2.01	8	10.17	4	253.21	13
SOUTH AUSTRALIA												
Flinders University of South Australia	13,266	34	12.81	11	0.69	8	1.26	16	2.67	31	247.70	14
University of Adelaide	19,434	25	10.36	19	0.64	12	0.74	37	4.37	11	234.64	17
University of South Australia	26,821	15	7.08	36	0.45	31	0.64	42	3.53	19	169.46	32

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RANKINGS OF TOTAL LIBRARY SYSTEMS FOR SELECTED RATIOS	FTE 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
TASMANIA												
University of Tasmania	16,496	30	8.80	27	0.48	23	0.73	38	2.88	29	189.02	25
VICTORIA												
Deakin University	27,815	14	5.35	45	0.42	33	1.67	10	3.20	22	186.25	28
LaTrobe University	28,332	13	6.44	39	0.47	26	1.02	24	1.59	46	186.87	27
Monash University	48,906	1	9.78	21	0.54	18	1.57	11	1.75	42	246.81	15
RMIT University	48,459	2	4.47	47	0.32	44	0.77	34	1.72	43	107.40	43
Swinburne University of Technology	29,957	12	5.74	44	0.25	47	0.65	41	0.00	48	65.07	48
University of Ballarat	15,707	31	4.67	46	0.22	48	0.54	45	1.68	45	70.29	46
University of Melbourne	41,763	4	5.93	42	0.51	21	1.01	25	1.70	44	209.08	22
Victoria University	32,127	8	11.24	14	0.32	45	0.66	40	1.26	47	65.43	47
WESTERN AUSTRALIA												
Curtin University of Technology	31,216	10	7.24	35	0.36	42	0.83	33	2.09	38	163.87	33
Edith Cowan University	16,948	28	9.59	22	0.41	34	1.14	20	3.13	26	138.71	37
Murdoch University	13,027	36	10.75	17	0.41	36	1.20	18	4.16	13	232.57	18
University of Notre Dame	5,913	45	18.03	5	0.54	19	2.29	3	11.51	3	131.55	39
University of Western Australia	19,591	23	14.71	7	0.67	9	0.95	29	4.09	15	340.58	4
NEW ZEALAND												
Auckland University of Technology	20,235	22	7.32	34	0.30	46	0.76	35	3.96	16	198.48	24
Lincoln University	3,187	47	29.21	2	0.91	2	1.69	9	12.71	2	301.76	8
Massey University	21,644	20	7.36	33	0.47	25	1.50	12	1.86	40	180.19	30
University of Auckland	34,558	7	14.64	8	0.69	7	1.39	13	2.46	33	335.05	5
University of Canterbury	16,823	29	19.44	3	0.70	5	1.13	21	4.18	12	274.87	10
University of Otago	20,474	21	19.10	4	0.88	3	2.27	4	3.94	17	372.94	3
University of Waikato	10,868	39	8.33	29	0.64	11	1.07	22	6.79	6	260.32	11
Victoria University of Wellington	18,854	27	16.22	6	0.57	17	2.22	5	6.56	7	276.51	9
Mean	21,088		11.24		0.64		1.38		7.71		257.43	
Standard Deviation	11,460		8.86		0.88		1.67		26.82		359.25	
Median	19,434		9.48		0.47		1.02		3.16		198.48	
Lower Quartile	13,018		7.00		0.41		0.75		2.25		146.13	
Upper Quartile	28,738		11.97		0.63		1.42		4.17		254.74	
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	12,540	38	203.53	37	26.56	48	59.57	6	458.51	4	769.72	14
AUSTRALIAN CAPITAL TERRITORY												
Australian Defence Force Academy	388	48	3449.92	1	35.14	40	58.53	9	5797.87	1	9906.28	1
Australian National University	15,694	32	584.92	2	49.28	8	42.85	40	514.93	2	1201.58	2
University of Canberra	8,255	42	205.38	36	34.54	41	61.54	2	367.49	14	597.11	35
NEW SOUTH WALES												
Charles Sturt University	19,502	24	201.49	38	33.33	42	51.24	13	310.59	29	606.17	34
Macquarie University	24,310	18	256.74	30	37.07	36	49.83	18	348.08	17	698.56	21
Southern Cross University	10,158	40	135.67	45	26.92	47	60.57	4	305.28	30	503.99	42
University of New England	9,969	41	319.52	15	47.53	12	46.78	31	318.42	27	680.73	24
University of New South Wales	37,052	5	384.34	10	49.58	7	48.06	24	375.54	12	781.44	12
University of Newcastle	22,246	19	311.98	18	41.23	26	45.47	35	344.06	18	756.74	15
University of Sydney	42,708	3	301.23	20	38.98	31	50.16	17	392.84	8	783.20	11
University of Technology, Sydney	24,902	17	308.63	19	45.19	15	46.79	30	326.84	24	698.60	20
University of Western Sydney	26,458	16	328.93	13	41.97	24	49.35	19	388.15	9	786.55	10
University of Wollongong	19,046	26	256.29	31	40.90	28	46.81	29	294.22	33	628.56	31
NORTHERN TERRITORY												
Charles Darwin University	7,593	43	165.71	44	27.17	46	63.51	1	387.34	10	609.85	33
QUEENSLAND												
Bond University	5,934	44	260.41	28	38.77	32	48.74	21	329.63	23	676.35	25
Central Queensland University	12,992	37	166.52	43	29.90	44	61.00	3	339.74	20	556.95	37
Griffith University	30,754	11	216.14	35	41.09	27	48.76	20	259.92	38	533.05	38
James Cook University	13,247	35	299.52	21	48.12	10	43.47	39	273.57	36	629.37	30
Queensland University of Technology	32,065	9	288.63	23	46.72	14	46.38	34	289.02	34	623.14	32
University of Queensland	35,618	6	408.14	7	43.37	19	48.28	22	456.53	5	945.54	4
University of Southern Queensland	13,346	33	190.53	39	43.26	21	50.21	16	221.34	42	440.80	44
University of the Sunshine Coast	5,034	46	387.18	9	53.73	3	30.39	48	218.99	43	720.68	18
SOUTH AUSTRALIA												
Flinders University of South Australia	13,266	34	347.73	11	43.99	17	52.21	11	416.55	7	797.90	9
University of Adelaide	19,434	25	286.98	24	37.95	33	54.55	10	421.66	6	773.02	13
University of South Australia	26,821	15	246.02	32	37.17	35	51.01	15	340.18	19	666.87	26

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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
TASMANIA												
University of Tasmania	16,496	30	231.29	33	37.03	37	51.03	14	323.77	25	634.50	29
VICTORIA												
Deakin University	27,815	14	274.53	26	42.67	23	47.18	28	305.26	31	646.96	28
LaTrobe University	28,332	13	278.44	25	39.47	30	47.72	26	339.60	21	711.72	19
Monash University	48,906	1	333.56	12	40.58	29	45.42	36	378.63	11	833.68	6
RMIT University	48,459	2	168.19	42	37.49	34	46.61	33	212.65	44	456.25	43
Swinburne University of Technology	29,957	12	107.30	47	35.32	39	58.76	8	179.15	46	304.86	47
University of Ballarat	15,707	31	101.05	48	41.62	25	51.32	12	124.97	48	243.52	48
University of Melbourne	41,763	4	312.54	17	43.33	20	48.12	23	352.05	16	731.55	17
Victoria University	32,127	8	109.11	46	28.69	45	59.97	5	230.26	41	383.93	46
WESTERN AUSTRALIA												
Curtin University of Technology	31,216	10	229.96	34	43.53	18	46.72	32	248.63	39	532.12	39
Edith Cowan University	16,948	28	182.58	41	36.23	38	58.78	7	296.62	32	504.67	40
Murdoch University	13,027	36	294.57	22	42.73	22	45.23	37	312.88	28	691.82	23
University of Notre Dame	5,913	45	188.06	40	32.23	43	40.10	42	236.24	40	589.16	36
University of Western Australia	19,591	23	448.37	4	44.59	16	47.80	25	483.52	3	1011.57	3
NEW ZEALAND												
Auckland University of Technology	20,235	22	259.35	29	61.35	1	30.90	47	130.86	47	423.57	45
Lincoln University	3,187	47	391.98	8	47.80	11	44.95	38	372.55	13	828.77	7
Massey University	21,644	20	267.45	27	53.06	4	38.52	44	194.36	45	504.57	41
University of Auckland	34,558	7	425.47	5	51.98	5	39.11	43	321.70	26	822.51	8
University of Canterbury	16,823	29	328.82	14	47.34	13	47.51	27	330.59	22	695.78	22
University of Otago	20,474	21	468.19	3	50.17	6	37.97	45	356.27	15	938.27	5
University of Waikato	10,868	39	317.47	16	48.30	9	41.68	41	275.54	35	661.02	27
Victoria University of Wellington	18,854	27	416.36	6	56.09	2	35.57	46	264.64	37	743.98	16
Mean	21,088		346.81		41.69		48.48		432.67		859.74	
Standard Deviation	11,460		454.89		7.56		7.49		771.70		1305.70	
Median	19,434		286.98		41.97		47.80		323.77		680.73	
Lower Quartile	13,018		204.92		37.06		45.37		271.34		581.11	
Upper Quartile	28,738		330.09		47.39		51.26		373.30		775.13	
Valid number	48		48		48		48		48		48	