

2009 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 2009 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 2009 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 2009 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, 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 2009, with the exception of data relating to institutional populations. 2009 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 eighteenth 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

16 February 2011

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 Ltd 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
2003	141.3
2004	144.8
2005	148.4
2006	154.3
2007	157.5
2008	164.6
2009	169.5

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	Trade-weighted rate of Aust \$
	<i>Yen</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Euros</i>	<i>Index</i>
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
2009	82.82	0.5581	0.8969	0.6241	69.7

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 2009) sourced from: <http://www.rba.gov.au/statistics/hist-exchange-rates/index.html>
- (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	AUS\$	Rank
Australian Catholic University	14,038	34	9.75	18	0.60	11	1.19	14	3.48	29	125.81	39
AUSTRALIAN CAPITAL TERRITORY												
Australian Defence Force Academy	1,708	48	14.64	7	1.46	1	3.18	2	66.60	1	683.25	1
Australian National University	16,461	32	13.79	9	0.66	4	0.97	22	6.11	11	413.07	2
University of Canberra	9,333	42	8.09	28	0.48	21	0.90	28	6.36	10	159.97	36
NEW SOUTH WALES												
Charles Sturt University	20,569	25	8.82	23	0.43	31	0.37	45	3.74	27	113.45	41
Macquarie University	26,822	16	5.90	40	0.52	18	0.67	36	2.21	41	220.33	21
Southern Cross University	10,999	40	8.08	29	0.39	35	1.24	11	8.42	8	111.82	42
University of New England	10,171	41	6.14	39	0.47	23	0.73	33	4.41	22	260.44	15
University of New South Wales	38,862	5	7.94	31	0.41	34	0.27	47	2.96	36	321.22	8
University of Newcastle	24,279	19	9.64	19	0.43	30	4.00	1	3.11	32	230.15	18
University of Sydney	44,715	3	9.57	21	0.58	14	0.98	21	2.27	40	229.89	19
University of Technology, Sydney	26,089	17	7.42	33	0.38	37	0.96	23	3.95	25	257.32	16
University of Western Sydney	27,999	14	13.58	10	0.48	22	1.32	7	3.86	26	180.29	30
University of Wollongong	20,934	24	8.63	26	0.36	40	0.69	35	4.36	23	170.41	33
NORTHERN TERRITORY												
Charles Darwin University	8,331	43	5.85	43	0.56	15	0.19	48	4.71	18	121.33	40
QUEENSLAND												
Bond University	6,687	45	11.23	12	0.52	17	0.94	24	11.74	3	195.46	26
Central Queensland University	13,400	38	8.31	27	0.44	28	0.99	20	4.51	20	97.45	44
Griffith University	33,201	11	.00	47	0.42	32	0.92	26	3.58	28	169.36	34
James Cook University	14,321	33	9.57	20	0.38	36	0.37	46	3.11	33	272.59	14
Queensland University of Technology	33,555	10	5.86	42	0.43	29	0.56	39	3.26	30	173.81	32
University of Queensland	38,174	6	10.90	14	0.64	6	1.09	17	2.59	39	360.51	5
University of Southern Queensland	14,030	35	5.90	41	0.36	41	0.38	44	2.96	37	169.28	35
University of the Sunshine Coast	5,827	46	11.17	13	0.31	44	0.99	19	11.01	5	204.56	25
SOUTH AUSTRALIA												
Flinders University of South Australia	13,927	36	12.11	11	0.65	5	1.24	12	5.76	14	275.29	13
University of Adelaide	20,294	26	9.92	17	0.62	9	0.81	30	5.94	13	311.41	10
University of South Australia	27,564	15	7.76	32	0.44	27	0.62	37	3.25	31	149.38	37

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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	AUS\$	Rank
TASMANIA												
University of Tasmania	17,314	30	8.01	30	0.47	24	0.45	41	4.23	24	208.49	24
VICTORIA												
Deakin University	28,742	13	6.45	38	0.41	33	1.26	10	4.43	21	212.20	22
LaTrobe University	25,985	18	6.97	35	0.46	25	1.12	16	1.81	45	208.72	23
Monash University	52,582	1	8.98	22	0.51	19	1.27	9	2.14	44	237.92	17
RMIT University	50,696	2	4.32	46	0.31	43	1.17	15	2.15	43	103.55	43
Swinburne University of Technology	33,061	12	5.15	44	0.23	47	0.43	43	1.74	46	80.72	46
University of Ballarat	16,712	31	4.39	45	0.21	48	0.61	38	1.61	48	87.10	45
University of Melbourne	42,221	4	8.80	24	0.63	7	0.74	32	2.77	38	220.74	20
Victoria University	34,124	8	10.58	15	0.30	45	0.43	42	1.61	47	62.35	47
WESTERN AUSTRALIA												
Curtin University of Technology	33,584	9	7.06	34	0.34	42	0.70	34	2.18	42	187.90	28
Edith Cowan University	18,588	28	8.75	25	0.37	39	0.78	31	4.57	19	143.27	38
Murdoch University	13,862	37	10.00	16	0.38	38	1.60	4	7.09	9	187.73	29
University of Notre Dame	6,970	44	15.29	4	0.50	20	1.68	3	11.62	4	34.72	48
University of Western Australia	21,241	23	14.91	5	0.58	12	0.88	29	5.16	16	368.54	4
NEW ZEALAND												
Auckland University of Technology	21,614	21	6.86	36	0.28	46	0.49	40	4.99	17	177.17	31
Lincoln University	3,397	47	27.29	1	0.88	2	1.42	6	14.84	2	343.39	7
Massey University	22,957	20	6.72	37	0.45	26	1.48	5	2.98	35	192.40	27
University of Auckland	36,180	7	13.80	8	0.63	8	1.30	8	3.01	34	343.92	6
University of Canterbury	17,733	29	18.03	3	0.62	10	1.05	18	6.03	12	285.76	12
University of Otago	21,581	22	18.56	2	0.83	3	1.22	13	5.72	15	402.25	3
University of Waikato	11,774	39	.00	48	0.58	13	0.93	25	8.89	7	290.35	11
Victoria University of Wellington	19,317	27	14.72	6	0.54	16	0.91	27	9.79	6	317.35	9
Mean	22,344		9.50		0.50		1.01		6.12		222.38	
Standard Deviation	11,924		4.55		0.19		0.64		9.13		110.38	
Median	20,569		8.80		0.47		0.94		4.23		208.49	
Lower Quartile	13,911		6.83		0.38		0.66		2.96		157.32	
Upper Quartile	29,822		11.19		0.58		1.23		5.96		277.91	
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	14,038	34	236.00	33	31.28	41	57.88	7	437.18	5	755.32	14
AUSTRALIAN CAPITAL TERRITORY												
Australian Defence Force Academy	1,708	48	943.56	1	38.80	35	52.92	12	1293.65	1	2,444.68	1
Australian National University	16,461	32	529.27	3	48.46	13	44.64	33	488.71	2	1,094.86	2
University of Canberra	9,333	42	212.72	36	36.86	37	59.31	5	344.17	15	580.27	30
NEW SOUTH WALES												
Charles Sturt University	20,569	25	162.95	40	30.53	43	52.07	14	277.96	33	533.81	36
Macquarie University	26,822	16	280.97	24	39.09	34	51.08	16	369.25	11	722.83	19
Southern Cross University	10,999	40	143.06	42	28.04	45	60.00	4	307.69	25	512.78	38
University of New England	10,171	41	317.46	17	45.12	20	48.38	24	343.93	16	710.92	20
University of New South Wales	38,862	5	361.90	11	49.51	11	44.15	36	324.26	23	734.51	18
University of Newcastle	24,279	19	292.49	23	39.42	30	44.21	35	328.02	22	742.02	16
University of Sydney	44,715	3	309.39	19	39.68	29	53.16	11	415.14	9	780.89	13
University of Technology, Sydney	26,089	17	344.91	13	46.96	14	45.19	32	332.16	21	735.04	17
University of Western Sydney	27,999	14	311.81	18	42.04	25	49.21	22	365.74	12	743.18	15
University of Wollongong	20,934	24	224.38	34	37.94	36	49.81	20	295.53	30	593.31	29
NORTHERN TERRITORY												
Charles Darwin University	8,331	43	134.06	44	25.99	47	65.31	1	336.88	19	515.84	37
QUEENSLAND												
Bond University	6,687	45	271.02	26	39.11	33	43.04	38	298.23	29	692.94	21
Central Queensland University	13,400	38	138.53	43	28.50	44	63.17	2	307.07	26	486.11	41
Griffith University	33,201	11	241.75	31	44.84	23	45.43	31	247.13	37	543.94	35
James Cook University	14,321	33	294.79	22	51.41	7	42.61	40	244.50	38	573.77	32
Queensland University of Technology	33,555	10	237.47	32	41.64	26	51.33	15	294.71	32	574.17	31
University of Queensland	38,174	6	417.70	8	44.92	21	45.48	30	427.67	6	940.28	7
University of Southern Queensland	14,030	35	210.17	37	46.14	18	50.08	19	228.20	41	455.62	43
University of the Sunshine Coast	5,827	46	272.23	25	48.67	12	42.74	39	239.07	39	559.38	33
SOUTH AUSTRALIA												
Flinders University of South Australia	13,927	36	363.39	10	44.91	22	52.39	13	426.87	7	814.75	9
University of Adelaide	20,294	26	465.10	5	49.64	10	44.44	34	420.18	8	945.48	6
University of South Australia	27,564	15	209.23	38	33.58	40	53.63	10	337.40	18	629.13	27

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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	17,314	30	268.60	28	39.41	31	50.86	17	351.12	14	690.40	23
VICTORIA												
Deakin University	28,742	13	320.06	16	46.39	17	45.88	29	316.91	24	690.72	22
LaTrobe University	25,985	18	371.45	9	46.54	16	42.34	41	339.05	17	800.79	11
Monash University	52,582	1	302.88	20	39.27	32	48.85	23	381.92	10	781.79	12
RMIT University	50,696	2	157.29	41	34.27	39	46.94	27	219.79	43	468.27	42
Swinburne University of Technology	33,061	12	115.30	45	36.39	38	57.68	8	183.14	46	317.51	47
University of Ballarat	16,712	31	112.94	46	43.47	24	50.39	18	131.37	47	260.72	48
University of Melbourne	42,221	4	299.57	21	31.21	42	49.64	21	482.52	3	972.04	5
Victoria University	34,124	8	100.40	47	27.06	46	58.54	6	218.36	44	373.00	45
WESTERN AUSTRALIA												
Curtin University of Technology	33,584	9	249.05	30	46.05	19	46.30	28	252.34	35	544.99	34
Edith Cowan University	18,588	28	200.34	39	39.87	28	54.59	9	274.29	34	502.44	39
Murdoch University	13,862	37	262.20	29	40.48	27	47.17	25	306.33	27	649.43	26
University of Notre Dame	6,970	44	87.18	48	24.71	48	61.71	3	219.89	42	356.33	46
University of Western Australia	21,241	23	465.42	4	46.69	15	47.16	26	472.69	4	1,002.38	3
NEW ZEALAND												
Auckland University of Technology	21,614	21	218.85	35	58.17	1	33.31	48	125.48	48	376.64	44
Lincoln University	3,397	47	433.77	7	50.23	9	41.22	42	358.68	13	870.08	8
Massey University	22,957	20	270.04	27	54.15	4	38.17	45	190.46	45	499.00	40
University of Auckland	36,180	7	436.67	6	54.12	5	37.53	46	304.39	28	810.97	10
University of Canterbury	17,733	29	339.86	14	50.78	8	43.93	37	295.00	31	671.55	24
University of Otago	21,581	22	538.17	2	54.74	2	33.78	47	333.89	20	988.49	4
University of Waikato	11,774	39	327.08	15	53.60	6	38.55	43	236.63	40	613.87	28
Victoria University of Wellington	19,317	27	355.86	12	54.30	3	38.32	44	251.38	36	656.07	25
Mean	22,344		294.99		42.19		48.43		332.85		694.03	
Standard Deviation	11,924		141.17		8.24		7.21		160.34		311.66	
Median	20,569		280.97		43.47		47.17		307.69		671.55	
Lower Quartile	13,911		212.08		37.67		44.10		250.32		529.32	
Upper Quartile	29,822		347.65		48.51		52.52		360.45		781.12	
Valid number	48		48		48		48		48		48	