

2011 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 2011 statistics include 48 entries, which cover 39 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 2011 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 2011 data are as recommended by the CAUL Statistics Advisory Committee 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 2011, with the exception of data relating to institutional populations. 2011 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/caul-programs/caul-statistics/previousyears>.

This is the twentieth 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

7 November 2012

Australian and New Zealand academic libraries listed by state

- ◆ Australian Catholic University

Australian Capital Territory

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

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- ◆ The **Australian Catholic University** comprises six campuses across three states and one territory:

Ballarat Campus, Victoria (Aquinas)
Brisbane Campus, Queensland (McAuley at Banyo)
Canberra Campus, Australian Capital Territory (Signadou)
Melbourne Campus, Victoria (St Patrick's)
North Sydney Campus, New South Wales (MacKillop)
Strathfield Campus, New South Wales (Mount St Mary).

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

§ All data for the **Australian Defence Force Academy** (now known as UNSW@Canberra) which was formerly shown as a separate entry within the Australian Capital Territory is now incorporated within the **University of New South Wales**.

♪ 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
2005	148.4
2006	154.3
2007	157.5
2008	164.6
2009	167.0
2010	172.1
2011	178.3

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>
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
2010	75.46	0.5666	0.8523	0.6979	67.3
2011	86.33	0.6667	1.0739	0.7405	77.8

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) 47 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 2011) 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	AU\$	Rank
Australian Catholic University	17,969	30	9.48	13	0.51	12	1.11	19	6.46	11	105.95	42
AUSTRALIAN CAPITAL TERRITORY												
Australian National University	17,792	31	13.42	4	0.59	5	0.90	25	4.82	19	350.66	1
University of Canberra	11,736	39	7.30	30	0.38	30	0.57	36	4.94	17	134.92	37
NEW SOUTH WALES												
Charles Sturt University	23,279	21	7.87	25	0.35	36	0.60	33	3.10	34	149.24	33
Macquarie University	29,226	15	8.55	19	0.39	29	3.81	2	2.16	42	180.69	26
Southern Cross University	10,449	42	8.79	17	0.43	25	2.25	6	11.28	3	124.15	39
University of New England	10,952	41	5.48	41	0.41	27	1.35	12	5.94	15	215.98	16
University of New South Wales	42,773	6	8.19	24	0.42	26	0.38	42	2.32	40	331.22	2
University of Newcastle	26,265	19	10.57	9	0.40	28	3.61	3	2.72	38	228.58	12
University of Sydney	45,892	3	8.68	18	0.49	14	0.78	28	2.23	41	205.24	22
University of Technology, Sydney	28,059	17	6.51	37	0.37	32	1.49	10	4.21	25	209.77	17
University of Western Sydney	31,866	13	11.42	7	0.45	20	1.68	7	2.81	37	135.71	36
University of Wollongong	23,191	22	6.54	36	0.34	37	0.54	38	6.14	13	177.55	28
NORTHERN TERRITORY												
Charles Darwin University	8,845	43	4.94	42	0.47	15	0.32	45	6.65	10	115.11	41
QUEENSLAND												
Bond University	7,321	45	8.80	16	0.56	10	1.43	11	11.56	1	208.01	18
Central Queensland University	13,237	38	10.30	11	0.45	19	0.91	24	7.65	8	118.30	40
Griffith University	34,731	10	6.49	38	0.38	31	0.60	34	3.79	27	138.99	34
James Cook University	15,940	32	6.86	35	0.29	41	0.37	43	3.51	30	207.67	20
Queensland University of Technology	34,729	11	5.70	40	0.44	21	0.91	23	2.92	36	182.38	24
University of Queensland	42,839	5	10.02	12	0.57	8	0.72	31	1.82	44	304.12	5
University of Southern Queensland	14,568	37	4.43	45	0.34	38	0.35	44	5.98	14	137.49	35
University of the Sunshine Coast	6,957	46	9.41	15	0.27	43	0.83	27	9.31	4	181.15	25
SOUTH AUSTRALIA												
Flinders University of South Australia	15,331	34	10.36	10	0.59	6	1.31	14	4.61	21	225.95	13
University of Adelaide	22,625	23	7.26	31	0.50	13	1.20	16	4.50	22	265.43	8
University of South Australia	27,008	18	8.30	22	0.44	23	0.58	35	4.69	20	168.63	31

2011 CAUL STATISTICS

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	18,745	29	6.88	34	0.44	22	0.55	37	3.30	33	177.97	27
VICTORIA												
Deakin University	31,725	14	7.43	27	0.37	33	2.80	4	3.77	28	207.79	19
LaTrobe University	28,664	16	9.42	14	0.44	24	9.78	1	4.37	23	171.52	29
Monash University	55,916	1	8.37	21	0.46	17	1.31	13	2.13	43	224.84	14
RMIT University	54,129	2	4.26	46	0.29	42	1.20	15	2.43	39	100.34	43
Swinburne University of Technology	33,759	12	4.81	43	0.24	45	0.51	39	3.03	35	75.02	45
University of Ballarat	14,836	36	4.52	44	0.20	46	0.45	40	1.70	45	83.74	44
University of Melbourne	43,247	4	7.35	28	0.59	7	0.94	22	3.61	29	220.24	15
Victoria University	37,519	7	6.97	33	0.27	44	0.44	41	1.44	46	55.53	46
WESTERN AUSTRALIA												
Curtin University of Technology	35,414	9	7.08	32	0.31	40	0.26	46	3.34	32	155.67	32
Edith Cowan University	19,486	27	7.35	29	0.36	34	0.94	21	3.38	31	128.03	38
Murdoch University	14,877	35	8.41	20	0.36	35	0.77	30	5.02	16	169.39	30
University of Notre Dame	8,171	44										
University of Western Australia	23,357	20	12.48	6	0.54	11	0.68	32	4.84	18	291.15	7
NEW ZEALAND												
Auckland University of Technology	20,581	26	6.49	39	0.32	39	1.51	9	6.31	12	204.00	23
Lincoln University	4,164	47	20.41	1	0.77	2	0.78	29	11.45	2	238.03	11
Massey University	22,282	24	11.21	8	0.47	16	1.65	8	4.09	26	206.25	21
University of Auckland	36,907	8	12.66	5	0.63	3	1.02	20	4.36	24	309.70	4
University of Canterbury	15,458	33	8.19	23	0.46	18	0.87	26	8.82	6	313.57	3
University of Otago	21,622	25	16.41	2	0.79	1	1.14	17	7.38	9	301.80	6
University of Waikato	11,635	40	7.84	26	0.59	4	1.14	18	8.82	7	253.55	9
Victoria University of Wellington	18,885	28	14.29	3	0.56	9	2.26	5	8.84	5	238.13	10
Mean	24,148		8.66		0.44		1.30		4.97		194.11	
Standard Deviation	12,367		3.09		0.12		1.46		2.60		69.29	
Median	21,952		8.19		0.44		0.91		4.36		204.00	
Lower Quartile	14,857		6.87		0.36		0.59		3.05		137.87	
Upper Quartile	32,813		9.89		0.51		1.34		6.27		227.92	
Valid number	47		46		46		46		46		46	

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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	17,969	30	186.85	36	27.98	44	59.57	5	397.81	7	667.75	22
AUSTRALIAN CAPITAL TERRITORY												
Australian National University	17,792	31	482.63	1	46.64	11	45.39	34	469.72	2	1,034.86	1
University of Canberra	11,736	39	164.55	39	32.26	41	62.67	4	319.72	27	510.14	36
NEW SOUTH WALES												
Charles Sturt University	23,279	21	222.99	32	39.68	28	44.79	35	251.66	33	561.92	31
Macquarie University	29,226	15	238.92	30	32.98	40	50.90	19	368.65	10	724.34	15
Southern Cross University	10,449	42	155.19	40	25.61	46	64.66	3	391.81	8	605.91	28
University of New England	10,952	41	283.61	22	41.79	24	50.10	20	339.97	20	678.64	21
University of New South Wales	42,773	6	378.31	7	44.50	16	44.51	36	378.37	9	850.10	5
University of Newcastle	26,265	19	310.07	15	43.33	20	48.99	25	350.59	18	715.64	17
University of Sydney	45,892	3	263.75	25	35.57	37	59.37	6	440.20	3	741.40	11
University of Technology, Sydney	28,059	17	329.07	12	46.08	14	46.45	32	331.71	24	714.13	18
University of Western Sydney	31,866	13	328.94	13	43.57	18	48.14	28	363.39	14	754.90	9
University of Wollongong	23,191	22	182.27	37	35.03	38	55.37	11	288.11	30	520.34	34
NORTHERN TERRITORY												
Charles Darwin University	8,845	43	140.35	42	26.48	45	65.27	1	345.95	19	530.02	33
QUEENSLAND												
Bond University	7,321	45	304.94	17	41.61	25	49.82	23	365.05	13	732.77	12
Central Queensland University	13,237	38	151.35	41	29.26	42	64.85	2	335.42	21	517.23	35
Griffith University	34,731	10	187.06	35	39.96	27	49.21	24	230.38	39	468.15	41
James Cook University	15,940	32	287.00	20	50.65	7	44.34	37	251.26	34	566.68	30
Queensland University of Technology	34,729	11	299.27	19	46.61	12	50.03	21	321.24	26	642.04	25
University of Queensland	42,839	5	409.12	2	43.35	19	46.02	33	434.34	4	943.79	3
University of Southern Queensland	14,568	37	195.92	34	41.08	26	51.47	17	245.49	35	476.92	40
University of the Sunshine Coast	6,957	46	244.54	29	48.20	9	43.07	39	218.54	41	507.37	38
SOUTH AUSTRALIA												
Flinders University of South Australia	15,331	34	333.64	11	42.07	22	53.21	13	421.96	5	793.03	7
University of Adelaide	22,625	23	357.28	10	46.55	13	47.60	30	365.33	12	767.57	8
University of South Australia	27,008	18	252.29	26	36.57	35	52.21	15	360.23	15	689.96	20

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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	18,745	29	236.99	31	37.64	33	53.07	14	334.07	22	629.56	26
VICTORIA												
Deakin University	31,725	14	316.08	14	45.36	15	47.77	29	332.85	23	696.84	19
LaTrobe University	28,664	16	284.92	21	38.96	30	48.83	27	357.12	16	731.41	14
Monash University	55,916	1	279.60	23	38.23	31	50.02	22	365.89	11	731.43	13
RMIT University	54,129	2	135.25	43	33.22	39	55.70	9	226.78	40	407.16	43
Swinburne University of Technology	33,759	12	123.17	44	35.69	36	51.79	16	178.73	44	345.12	45
University of Ballarat	14,836	36	121.46	45	42.61	21	51.43	18	146.61	45	285.05	46
University of Melbourne	43,247	4	377.74	8	39.44	29	58.42	8	559.47	1	957.63	2
Victoria University	37,519	7	110.51	46	28.27	43	55.44	10	216.73	42	390.95	44
WESTERN AUSTRALIA												
Curtin University of Technology	35,414	9	251.61	27	47.17	10	44.06	38	235.02	38	533.36	32
Edith Cowan University	19,486	27	180.61	38	37.82	32	58.76	7	280.64	31	477.57	39
Murdoch University	14,877	35	209.17	33	36.58	34	53.91	12	308.30	28	571.88	29
University of Notre Dame	8,171	44										
University of Western Australia	23,357	20	384.53	5	44.28	17	47.39	31	411.54	6	868.33	4
NEW ZEALAND												
Auckland University of Technology	20,581	26	248.25	28	59.20	1	33.72	46	141.43	46	419.35	42
Lincoln University	4,164	47	303.79	18	42.03	23	48.87	26	353.24	17	722.85	16
Massey University	22,282	24	273.81	24	53.73	4	38.54	44	196.40	43	509.60	37
University of Auckland	36,907	8	383.30	6	51.42	5	39.70	42	296.00	29	745.51	10
University of Canterbury	15,458	33	387.48	4	58.59	2	38.62	43	255.40	32	661.39	24
University of Otago	21,622	25	403.28	3	49.80	8	40.88	40	331.04	25	809.73	6
University of Waikato	11,635	40	309.58	16	51.04	6	40.04	41	242.83	37	606.52	27
Victoria University of Wellington	18,885	28	376.69	9	56.95	3	36.78	45	243.28	36	661.39	23
Mean	24,148		269.30		41.64		49.82		317.40		640.83	
Standard Deviation	12,367		88.96		7.94		7.42		84.40		159.93	
Median	21,952		279.60		42.03		49.21		331.71		661.39	
Lower Quartile	14,857		189.28		36.57		44.94		246.93		518.01	
Upper Quartile	32,813		329.04		46.60		53.74		365.26		732.44	
Valid number	47		46		46		46		46		46	