



MUSEUMS

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 6 JULY 2001

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- For further information about these and related statistics, contact the National Information Service on 1300 135 070 or John Nelson on Melbourne 03 9615 7862.

INTRODUCTION

This publication presents results, in respect of the 1999–2000 financial year, from an Australian Bureau of Statistics (ABS) survey of organisations operating museum establishments. This survey attempted to cover all museum establishments and was more complete than the two previous ABS collections conducted in 1996–97 and 1997–98, which were both of limited scope.

This publication is one of a series to be issued in respect of 1999–2000 for a range of cultural services industries. Other publications in this series are:

- Botanic Gardens, Australia, 1999–2000* (Cat. no. 8563.0) — issued April 2001
- Motion Picture Exhibition, Australia, 1999–2000* (Cat. no. 8654.0) — issued May 2001
- Video Hire Industry, Australia, 1999–2000* (Cat. no. 8562.0) — issued May 2001
- Public Libraries, Australia, 1999–2000* (Cat. no. 8561.0) — issued June 2001
- Television Industry, Australia, 1999–2000* (Cat. no. 8559.0)
- Performing Arts, Australia, 1999–2000* (Cat. no. 8697.0)
- Commercial Art Galleries, Australia, 1999–2000* (Cat. no. 8651.0)
- Film and Video Production and Distribution, Australia, 1999–2000* (Cat. no. 8679.0)

COMMENTS ON THIS PUBLICATION

The ABS welcomes comments and suggestions from users recommending industries and data items for inclusion in future surveys. These comments should be addressed to the Director, Service Industries Surveys, Australian Bureau of Statistics, PO Box 10, Belconnen, ACT, 2616.

ROUNDING

Where figures have been rounded, discrepancies may occur between the sum of component items and the total.



ABBREVIATIONS

- ABS Australian Bureau of Statistics
- AMOL Australian Museums On-Line
- ANZSIC Australian and New Zealand Standard Industrial Classification
- RSE Relative standard error

Dennis Trewin
Australian Statistician

SUMMARY OF FINDINGS

INTRODUCTION

This publication presents results, in respect of the 1999–2000 financial year, from an Australian Bureau of Statistics (ABS) survey of organisations which operated museum establishments. For the purpose of this collection, a museum establishment was defined as an enclosed area, which stored artefacts, artworks and museum objects and which was open to the general public.

The types of museum establishments varied by size, with the larger establishments generally equating to whole organisations. However, many of the smaller establishments were only minor operations of a much larger organisation. As a result, while detailed financial data was able to be obtained in respect of the larger establishments, only restricted financial data was able to be obtained from the smaller museum establishments.

The list of museum establishments for this survey was obtained from various sources such as the ABS Business Register and the Australian Museums On-Line (AMOL) website.

SIZE OF INDUSTRY

At the end of June 2000, there were 2,049 museum establishments, comprising 249 art museums/galleries, 411 historic properties and 1,389 other museums (e.g. social history, natural history and science museums). The majority of these museum establishments (58%) were operated on a volunteer basis.

These museums contained a total of 61.6 million artefacts, artworks and museum objects at the end of June 2000 and were visited by 27.5 million persons during 1999–2000.

ADMISSIONS

On average, museums were open for 30 hours per week during 1999–2000. Historic properties were open more than average at 35 hours per week. During the year, there were 27.5 million admissions to museums comprising 11.0 million paid admissions and 16.6 million free admissions.

There were 78 museum organisations with 100 or more employees, which accounted for 34% of museum admissions. These large museums averaged 121,300 admissions each in 1999–2000, compared to an average of 34,800 admissions for museums with employment between 20–99 persons, 29,100 admissions for museums with employment between 5–19 persons, 7,100 admissions for museums with employment between 1–4 persons and 4,200 admissions for museums operated solely by volunteers.

While over half of museum admissions were attributed to museums located in New South Wales (37% of admissions) and Victoria (24% of admissions), the admissions to museums in the Australian Capital Territory (10% of admissions) was well above its respective proportional share of the Australian population.

The average price per paid admission to museums was \$4.80. This price varied by size of museum with the 78 large museums with employment of 100 or more averaging \$6.90 per paid admission compared with \$5.50 for museums with employment between 20–99 and \$2.10 for museums operated by volunteer persons.

ARTEFACTS

Although the ABS has endeavoured to obtain consistent estimates on the number of artefacts in museums, cataloguing guidelines differed between museums, so interpretation of data on artefacts should be undertaken with care.

SUMMARY OF FINDINGS *continued*

ARTEFACTS *continued*

At the end of June 2000, there were 61.6 million artefacts, artworks and museum objects located in museums, of which 16% were on display. The majority (59%) of these artefacts, artworks and museum objects were in the 78 large museums with employment of 100 or more. These large museums displayed only 2% of their artefacts, artworks and museum objects.

Of the 61.6 million artefacts, artworks and museum objects, only 15.3 million (25%) were documented electronically. Although 28.3 million (46%) were documented in manual/written form, some of these would have been documented electronically as well.

From July 1998 to June 2000, it was estimated that 21.6 million artefacts, artworks and museum objects (35% of all artefacts) were surveyed or formally assessed for preservation or conservation treatment by a professional curator or conservator. At the end of this period, it was estimated that 25.5 million artefacts, artworks and museum objects (41% of all artefacts) required some preservation or conservation treatment.

SOURCES OF INCOME

During 1999–2000, museums accrued a total of \$716 million in income. The main source of income was government funding of \$487 million, which represented 68% of the total income. The 78 large museum organisations received 75% (\$368 million) of their total income from government funding, which represented 76% of all government funding to museums.

Other major sources of income were fundraising income of \$54 million, admission income of \$52 million and sales of goods of \$52 million. The admission income of \$52 million represented an average cost of \$4.80 per paid admission. The major components of fundraising income were sponsorships of \$20 million (comprising \$15 million of financial sponsorships and \$5 million of in-kind sponsorships), donations of \$18 million and \$16 million of bequests and other fundraising.

While museums operated by volunteers were less reliant on government funding (36% of their income), they received a relatively higher than average proportion of income from admissions (24% of income), fundraising (15% of income) and sales of goods (13% of income).

EXPENSES

During 1999–2000, museums incurred \$643 million in expenses. Labour costs represented 36% (\$233 million) of these expenses, resulting in an average labour cost per employee of \$34,400. The average labour cost of employees working for the 78 large museum organisations was \$40,800.

Other major expenses included depreciation and amortisation (\$45 million), repair and maintenance expenses (\$43 million), exhibition/display development costs (\$25 million), purchases of goods (\$24 million) and advertising, marketing and promotional expenses (\$17 million).

The repair and maintenance expenses of \$43 million comprised \$9 million of conservation expenses for artefacts, artworks and museum objects and \$34 million of other repair and maintenance expenses. Over half (\$22 million) of repair and maintenance expenses was incurred by the 78 largest museums.

The purchases of goods of \$24 million comprised \$9 million of current purchases of artefacts, artworks and museum objects and \$15 million for purchases of other goods.

SUMMARY OF FINDINGS *continued*

EXPENSES *continued*

However, the total acquisition of artefacts, artworks and museum objects for 1999–2000 was \$52 million. Of this amount \$43 million was for capital purchases (i.e. treated as the purchase of an asset and depreciated over a number of years) and \$9 million for current expenditure (i.e. expensed in the year of purchase as referred to in the previous paragraph). The accounting treatment for the acquisition of artefacts, artworks and museum objects (i.e. as current or capital expenditure) varies between museums (as shown in table 5) and hence affects the current expense profile shown when classified by size of museum establishment.

Other operating expenses were \$241 million, of which 81% was accounted for by the 78 largest museums. The main components of this expenditure were capital assets charge (see Glossary for definition), insurance and other contract and sub-contract expenses.

PERSONS WORKING

At the end of June 2000, there were 37,402 persons working in the 2,049 museums. The persons working comprised direct employment of 6,956 persons, 29,963 volunteers and 484 persons paid by other (related) organisations.

Of the direct employment of 6,956 persons, 6,789 persons were employees and 167 persons were working proprietors and partners of unincorporated museums (which were all in museums with employment between 1 and 19). The majority of these employees (59%) worked on a full-time basis, which was more pronounced in the large museums with 100 or more employees where 68% worked on a full-time basis.

Smaller museums with no direct employment were very reliant on volunteers. There were 1,188 museums (58% of all museums) with no direct employment and these museums accounted for 49% of all volunteers (14,570 persons), representing an average of 12 volunteers per museum.

In total there were 29,963 volunteers working 379,110 hours during June 2000, representing an average of 13 hours per volunteer for the month.

As well as direct employment of 6,956 persons, there were 484 employees working in museums who were paid by related organisations resulting in total employment of 7,440 persons. In terms of type of work groupings, there were 1,956 managerial and administrative staff, 1,949 security, guides and front-of-house staff, 1,536 research, collection management and conservation staff and 760 exhibition, design and display staff. In comparison, 14,070 of the 29,963 volunteers worked as security, guides and front-of-house staff. Other major type of activities for volunteers included 4,149 working as research, collection management and conservation staff, 4,010 working as managerial and administrative staff and 2,135 working as exhibition, design and display staff.

STATES AND TERRITORIES

Museums located in New South Wales and Victoria accounted for 49% of all museums. These museums accounted for 58% of employment, 47% of volunteers, 55% of museums' income and 60% of admissions. By way of comparison, these two States accounted for 59% of the Australian resident population.

While the Australian Capital Territory accounted for 1.6% of the Australian resident population, the 26 museums in the Australian Capital Territory contributed 11% of total Australian employment, 4% of volunteers, 22% of income and 10% of admissions.

SUMMARY OF FINDINGS *continued*

STATES AND TERRITORIES *continued*

However, the presence of the National Gallery and the Australian War Memorial in the Australian Capital Territory had a significant affect on the Territory's contribution.

OTHER MUSEUM ACTIVITY

In total, there were 4,268 special exhibitions presented in museums during 1999–2000, comprising 3,153 exhibitions curated in-house, 1,042 touring Australian exhibitions and 73 imported overseas exhibitions. It should be noted that individual exhibitions can be shown by more than one organisation.

The majority (61%) of museums had a collection management policy developed. However, while well over 90% of the larger museums (i.e. those with 20 or more employment) have collection management policies, only 55% of museums with employment between 1–4 persons and volunteer operated museums had these policies. Similarly, only 22% of the volunteer operated museums had a disaster preparedness plan compared to 90% for museums with employment of 100 or more.

In total, 50% of museums had a web site/home page on the Internet at the end of June 2000. While 46% of museums had access to the Internet, only 22% accessed the AMOL web site for assistance in caring for artefacts during the year.

SUMMARY OF MUSEUM OPERATIONS

		<i>Art museums/galleries</i>	<i>Historic properties</i>	<i>Other museums</i>	<i>Total</i>
Museum/gallery establishments at end June 2000	no.	249	411	1 389	2 049
Artefacts/art works/museum objects at end June 2000	'000	1 157.5	*2 740.0	57 737.8	61 635.3
Admissions during the year ended 30 June 2000					
Paid	'000	1 414.6	2 936.6	6 614.6	10 965.7
Free	'000	5 113.1	*4 323.4	7 129.6	16 566.1
<i>Total</i>	'000	6 527.6	*7 260.0	13 744.2	27 531.8
Average hours per week open	no.	30.5	34.8	28.3	30.4
Employment at end June 2000	no.	1 741	1 010	4 205	6 956
Volunteers for the month of June 2000	no.	4 177	5 929	19 857	29 963
Income					
Government funding	\$m	124.0	35.5	327.7	487.2
Admissions income	\$m	7.6	10.1	34.7	52.4
Other income	\$m	65.7	18.8	92.3	176.8
<i>Total</i>	\$m	197.2	64.4	454.8	716.4
Expenses					
Wages and salaries	\$m	57.4	23.8	130.2	211.4
Other expenses	\$m	107.0	33.6	290.4	431.1
<i>Total</i>	\$m	164.4	57.4	420.7	642.5

* estimate has a relative standard error of between 25% and 50% and should be used with caution

KEY FIGURES, By States and Territories

		New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Museum/gallery establishments at end June 2000	no.	504	489	353	311	198	119	48	26	2 049
Admissions during the year ended 30 June 2000										
Paid	'000	3 725.0	3 060.6	1 229.0	632.0	705.8	527.4	*220.0	866.0	10 965.7
Free	'000	6 420.8	3 570.1	1 640.2	*981.5	1 430.6	338.6	369.0	1 815.3	16 566.1
Total	'000	10 145.8	6 630.7	2 869.2	1 613.5	2 136.4	865.9	589.0	2 681.3	27 531.8
Average hours per week open	no.	27.7	30.7	32.5	21.9	38.8	36.6	41.6	37.4	30.4
Employment at end June 2000	no.	2 042	2 025	954	262	499	212	199	763	6 956
Volunteers for the month of June 2000	no.	8 353	5 827	4 697	4 169	*4 537	850	*286	*1 242	29 963
Income										
Government funding	\$m	137.0	117.6	46.4	17.1	26.7	6.9	9.6	126.2	487.2
Admissions income	\$m	14.6	18.3	5.8	np	np	1.4	*1.4	5.0	52.4
Income from fund raising	\$m	17.5	8.8	4.9	np	np	*0.5	**0.2	8.7	53.5
Other income	\$m	40.7	38.2	13.1	5.6	4.9	2.0	*1.7	17.1	123.3
Total	\$m	209.8	182.8	70.2	32.2	40.8	10.8	12.8	157.0	716.4
Expenses										
Wages and salaries	\$m	76.5	48.9	25.2	8.0	15.6	4.1	5.0	28.2	211.4
Conservation expenses of artefacts/art works/museum objects	\$m	3.6	1.6	1.1	np	np	**0.1	0.1	1.8	9.2
Other expenses	\$m	108.8	105.2	39.7	np	np	4.9	5.5	117.6	421.9
Total	\$m	188.9	155.7	66.0	28.0	36.6	9.1	10.6	147.6	642.5
Special exhibitions	no.	1 040	1 188	765	*333	*415	**184	*181	162	4 268

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SOURCES OF INCOME, By Organisation Size

Item	Nil employment		1-4 persons		5-19 persons		20-99 persons		100 or more persons		Total	
	\$m	%	\$m	%	\$m	%	\$m	%	\$m	%	\$m	%
Government funding												
Federal government	1.8	14.6	5.2	12.1	16.9	19.3	2.8	3.3	167.7	34.3	194.4	27.1
State/Territory government	*1.2	9.8	5.7	13.3	np	np	np	np	200.5	41.0	261.5	36.5
Local government	1.3	10.6	13.3	30.9	np	np	np	np	—	—	31.3	4.4
Total	4.4	35.8	24.3	56.5	51.5	58.7	38.9	46.4	368.2	75.2	(a)487.2	68.0
Annual allocations from related private sector organisations	**0.4	3.3	np	np	3.4	3.9	np	np	1.1	0.2	6.2	0.9
Fundraising income												
Financial sponsorships	—	—	0.8	1.9	*3.0	3.4	3.9	4.6	6.8	1.4	14.6	2.0
In-kind sponsorships	**0.2	1.6	**0.4	0.9	np	np	np	np	np	np	5.1	0.7
Donations	0.6	4.9	1.9	4.4	3.0	3.4	4.6	5.5	7.3	1.5	17.5	2.4
Bequests and other fundraising	*1.0	8.1	*0.8	1.9	np	np	np	np	np	np	16.3	2.3
Total	1.8	14.6	3.9	9.1	8.0	9.1	14.0	16.7	25.7	5.3	53.5	7.5
Admissions income	2.9	23.6	5.9	13.7	9.6	10.9	9.4	11.2	24.6	5.0	52.4	7.3
Subscription and membership income	0.3	2.4	**0.6	1.4	0.7	0.8	*1.0	1.2	2.7	0.6	5.3	0.7
Sales of goods	1.6	13.0	*4.1	9.5	7.8	8.9	*8.3	9.9	29.9	6.1	51.7	7.2
Other	0.9	7.3	np	np	*6.7	7.6	np	np	37.2	7.6	60.1	8.4
Total	12.3	100.0	43.0	100.0	87.7	100.0	83.9	100.0	489.4	100.0	716.4	100.0

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— nil or rounded to zero (including null cells)

** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Of the total Government funding (\$487.2m), \$115.1m was in the form of one-off project funding.

ITEMS OF EXPENDITURE, By Organisation Size

Item	Nil employment		1-4 persons		5-19 persons		20-99 persons		100 or more persons		Total	
	\$m	%	\$m	%	\$m	%	\$m	%	\$m	%	\$m	%
Labour costs												
Wages and salaries	—	—	15.9	37.8	27.5	41.9	27.4	35.7	140.6	31.4	211.4	32.9
Employer contributions to superannuation funds	—	—	1.1	2.6	1.9	2.9	1.5	2.0	12.7	2.8	17.2	2.7
Workers' compensation costs	—	—	*0.3	0.7	0.3	0.5	0.3	0.4	2.2	0.5	3.1	0.5
Fringe benefits tax	—	—	—	—	*0.1	0.2	0.1	0.1	1.2	0.3	1.5	0.2
<i>Total</i>	—	—	17.2	40.9	30.1	45.8	29.3	38.2	156.7	35.0	233.4	36.3
Selected expenses												
Rent, leasing and hiring expenses	**0.2	1.9	0.9	2.1	0.8	1.2	2.5	3.3	8.8	2.0	13.3	2.1
Conservation expenses of artefacts/artworks/museum objects	0.9	8.7	0.9	2.1	0.9	1.4	3.0	3.9	3.4	0.8	9.2	1.4
Other repair and maintenance costs	*2.6	25.0	*3.3	7.8	*4.6	7.0	5.0	6.5	18.5	4.1	34.0	5.3
Exhibition/display development costs	*0.9	8.7	3.1	7.4	6.2	9.4	1.9	2.5	12.8	2.9	24.9	3.9
Advertising, marketing and promotional expenses	0.6	5.8	1.2	2.9	*4.0	6.1	2.0	2.6	9.5	2.1	17.4	2.7
<i>Total</i>	5.3	51.0	9.5	22.6	16.5	25.1	14.5	18.9	53.1	11.9	98.8	15.4
Other expenses												
Purchases												
Artefacts/artworks/museum objects	*0.4	3.8	0.5	1.2	0.7	1.1	np	np	np	np	9.2	1.4
Goods for resale	0.6	5.8	*1.6	3.8	*2.7	4.1	np	np	np	np	14.6	2.3
<i>Total</i>	1.0	9.6	*2.2	5.2	3.4	5.2	9.7	12.6	7.5	1.7	23.8	3.7
Depreciation and amortisation	*0.3	2.9	*1.9	4.5	2.8	4.3	5.3	6.9	35.0	7.8	45.3	7.1
Other operating expenses	3.7	35.6	11.3	26.8	12.9	19.6	18.0	23.5	195.3	43.6	241.2	37.5
<i>Total</i>	5.1	49.0	15.4	36.6	19.1	29.1	33.0	43.0	237.8	53.1	310.3	48.3
Total	10.4	100.0	42.1	100.0	65.7	100.0	76.7	100.0	447.5	100.0	642.5	100.0

— nil or rounded to zero (including null cells)

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np not available for publication but included in totals where applicable, unless otherwise indicated

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ACQUISITION OF ARTEFACTS, ARTWORKS AND MUSEUM OBJECTS, By Organisation Size

ORGANISATION EMPLOYMENT SIZE CATEGORY

	<i>Nil employment</i>	<i>1-4 persons</i>	<i>5-19 persons</i>	<i>20-99 persons</i>	<i>100 or more persons</i>	<i>Total</i>
	\$m	\$m	\$m	\$m	\$m	\$m
Capital expenditure	*0.4	*0.7	3.5	np	np	42.7
Current expenditure	*0.4	0.5	0.7	np	np	9.2
Total	*0.8	*1.2	4.2	26.2	19.5	51.9

* estimate has a relative standard error of between 25% and 50% and should be used with caution

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KEY CHARACTERISTICS OF PERSONS WORKING, By Organisation Size

ORGANISATION EMPLOYMENT SIZE CATEGORY

<i>Item</i>	<i>Nil employment</i>	<i>1-4 persons</i>	<i>5-19 persons</i>	<i>20-99 persons</i>	<i>100 or more persons</i>	<i>Total</i>
	no.	no.	no.	no.	no.	no.
Working proprietors and partners of unincorporated businesses at end June 2000	—	129	*38	—	—	167
Employees paid by the museum/gallery operation						
Full time	—	313	550	525	2 627	4 014
Part time	—	380	610	573	1 211	2 775
<i>Total</i>	—	693	1 160	1 098	3 838	6 789
Total employment at end June 2000	—	822	1 198	1 098	3 838	6 956
Employees paid by a related organisation	364	*80	40	—	—	484
Volunteers during the month of June 2000	14 570	6 045	4 490	1 888	2 970	29 963
Total persons working	14 933	6 947	5 728	2 986	6 808	37 402
Volunteer hours during the month of June 2000	171 253	88 502	60 439	27 831	31 086	379 110

— nil or rounded to zero (including null cells)

* estimate has a relative standard error of between 25% and 50% and should be used with caution

MAIN TYPE OF WORK OF PERSONS WORKING, By Organisation Size

ORGANISATION EMPLOYMENT SIZE CATEGORY

<i>Activity</i>	<i>Nil employment</i>	<i>1-4 persons</i>	<i>5-19 persons</i>	<i>20-99 persons</i>	<i>100 or more persons</i>	<i>Total</i>
	no.	no.	no.	no.	no.	no.
Persons employed at end June 2000						
Managerial and administrative	88	412	335	194	926	1 956
Research, collection management and conservation	*66	168	193	128	981	1 536
Exhibition display and design	*48	*78	128	54	451	760
Security, guides and front-of-house	*69	146	358	426	951	1 949
Other	*93	*98	223	296	529	1 239
<i>Total</i>	364	902	1 238	1 098	3 838	7 440
Volunteers during the month of June 2000						
Managerial and administrative	2 759	481	516	160	94	4 010
Research, collection management and conservation	2 209	*1 237	274	220	209	4 149
Exhibition display and design	1 308	393	np	np	np	2 135
Security, guides and front-of-house	5 182	*3 085	3 001	1 200	1 602	14 070
Other	3 111	*849	np	np	np	5 598
<i>Total</i>	14 570	6 045	4 490	1 888	2 970	29 963
Total persons working	14 933	6 947	5 728	2 986	6 808	37 402

* estimate has a relative standard error of between 25% and 50% and should be used with caution

np not available for publication but included in totals where applicable, unless otherwise indicated

SELECTED MUSEUM ACTIVITIES, By Organisation Size

ORGANISATION EMPLOYMENT SIZE CATEGORY

<i>Museum/gallery activity</i>		<i>Nil employment</i>	<i>1-4 persons</i>	<i>5-19 persons</i>	<i>20-99 persons</i>	<i>100 or more persons</i>	<i>Total</i>
Museum/gallery establishments at end June 2000	no.	1 188	461	237	84	78	2 049
Admissions during the year ended 30 June 2000							
Paid	'000	1 379.1	1 676.1	2 660.6	1 709.3	3 540.6	10 965.7
Free	'000	*3 623.3	1 574.3	*4 235.2	1 213.4	5 919.9	16 566.1
<i>Total</i>	'000	5 002.4	3 250.4	*6 895.8	2 922.7	9 460.5	27 531.8
Average hours per week museum/gallery open during year ended 30 June 2000	no.	23.6	38.2	38.9	40.6	50.2	30.4
Museum/gallery collection administration policies and plans at 30 June 2000							
Collection management policy developed	%	54.5	55.1	79.7	95.2	98.7	60.9
Disaster preparedness plan in place	%	21.5	34.9	26.6	51.2	89.7	28.8
Museum/gallery IT activity at 30 June 2000							
Access to a computer	%	43.8	83.3	99.2	100.0	100.0	63.5
Access to the Internet	%	21.6	67.9	92.0	100.0	100.0	46.4
With a web site/home page or other web presence	%	35.5	64.6	62.0	98.8	100.0	50.2
Accessed the AMOL web site to care for artefacts	%	*9.3	21.7	51.9	54.8	93.6	22.1

* estimate has a relative standard error of between 25% and 50% and

should be used with caution

NUMBER OF ARTEFACTS, ARTWORKS AND MUSEUM OBJECTS, By Organisation Size

ARTEFACTS/ART WORKS/MUSEUM OBJECTS AT END OF JUNE 2000

Organisation employment size category		On display at end June 2000	Documented in manual/written form	Documented in electronic form or on computer	Surveyed	Required	Total	
					or formally assessed in the two years prior to June 2000	preservation or conservation treatment at end June 2000		
Nil employment								
	Objects	'000	*2 572.0	2 252.7	3 492.7	1 416.6	1 399.6	9 960.0
	Percentage contribution(a)	%	25.8	22.6	35.1	14.2	14.1	..
1-4 persons								
	Objects	'000	**5 619.8	np	np	**573.6	*243.8	*8 340.1
	Percentage contribution(a)	%	67.4	np	np	6.9	2.9	..
5-19 persons								
	Objects	'000	737.8	*672.1	343.7	245.3	*136.9	np
	Percentage contribution(a)	%	26.9	24.5	12.5	8.9	5.0	..
20-99 persons								
	Objects	'000	438.5	np	np	np	np	np
	Percentage contribution(a)	%	10.9	np	np	np	np	..
100 or more persons								
	Objects	'000	574.2	17 121.2	6 722.9	np	np	36 574.9
	Percentage contribution(a)	%	1.6	46.8	18.4	np	np	..
Total								
	Objects	'000	*9 942.3	28 276.5	15 327.6	21 626.1	25 497.3	61 635.3
	Percentage contribution(a)	%	16.1	45.9	24.9	35.1	41.4	..

- * estimate has a relative standard error of between 25% and 50% and should be used with caution
- .. not applicable
- ** estimate has a relative standard error greater than 50% and is considered too unreliable for general use
- np not available for publication but included in totals where applicable, unless otherwise indicated
- (a) The percentage of the total artefacts/artworks/museum objects for the employment size category.

10

SPECIAL EXHIBITIONS, By Organisation Size

ORGANISATION EMPLOYMENT SIZE CATEGORY

	<i>Nil employment</i>	<i>1-4 persons</i>	<i>5-19 persons</i>	<i>20-99 persons</i>	<i>100 or more persons</i>	<i>Total</i>
Special exhibitions curated in-house	1 239	906	732	97	180	3 153
Touring exhibitions - Australian(a)	np	498	291	np	52	1 042
Imported overseas exhibitions(a)	np	*11	*40	np	14	73
Total	1 405	1 415	1 063	139	246	4 268

np not available for publication but included in totals where applicable, unless otherwise indicated

* estimate has a relative standard error of between 25% and 50% and should be used with caution

(a) Special exhibitions, other than those curated in-house, are counted by each organisation which held the exhibitions on its premises.

11

SELECTED RATIOS, By Organisation Size

ORGANISATION EMPLOYMENT SIZE CATEGORY

		<i>Nil employment</i>	<i>1-4 persons</i>	<i>5-19 persons</i>	<i>20-99 persons</i>	<i>100 or more persons</i>	<i>Total</i>
Labour costs per employee	\$'000	—	24.8	25.9	26.7	40.8	34.4
Labour costs to total expenses	%	—	40.9	45.8	38.2	35.0	36.3
Volunteers to total persons working	%	97.6	87.0	78.4	63.2	43.6	80.1
Volunteer hours worked per volunteer	no.	11.8	14.6	13.5	14.7	10.5	12.7
Government funding to total income	%	35.3	56.5	58.7	46.4	75.2	68.0
Fundraising income to total income	%	15.0	9.2	9.1	16.7	5.3	7.5
Admission income to total income	%	23.9	13.8	11.0	11.2	5.0	7.3
Admission income per paid person	\$	2.1	3.5	3.6	5.5	6.9	4.8
Paid admissions to total admissions	%	27.6	51.6	38.6	58.5	37.4	39.8
Conservation expenses of artefacts/art works/museum objects to total expenses	%	8.9	2.2	1.4	3.9	0.8	1.4
Exhibition/display development costs to total expenses	%	*8.9	7.3	9.4	2.5	2.9	3.9

— nil or rounded to zero (including null cells)

* estimate has a relative standard error of between 25% and 50% and should be used with caution

EXPLANATORY NOTES

- INTRODUCTION**
- 1** This publication presents results, in respect of the 1999–2000 financial year, from an Australian Bureau of Statistics (ABS) survey of organisations which operated museum establishments. For the purpose of this collection, a museum establishment was defined as an enclosed area, which stored artefacts, artworks and museum objects and which was open to the general public.
- SCOPE**
- 2** The survey included art museums/galleries, historic properties, social history, natural history, science and other museums operated by the private and government sectors. These establishments are classified to Class 9220 (Museums) of the Australian and New Zealand Standard Industry Classification (ANZSIC).
- 3** The list of museum establishments for this survey was obtained from various sources such as the ABS Business Register and the Australian Museums on Line (AMOL) website.
- STATISTICAL UNIT**
- 4** The statistical unit was the establishment. The establishment was generally a single location within which artefacts, artworks and museum objects were stored. Both employing and non-employing establishments were included in the survey.
- RELIABILITY OF DATA**
- 5** Since the estimates in this publication include information obtained from a sample drawn from units in the survey population, the estimates are subject to sampling variability, that is, they may differ from figures that would have been obtained if all units had been included in the survey. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of units was included.
- 6** There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if a census had been conducted, and approximately 19 chances in 20 that the difference will be less than two standard errors.
- 7** Sampling variability can be measured by the relative standard error (RSE) which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The RSE is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and this avoids the need to refer also to the size of the estimate.
- 8** The following table contains estimates of RSEs for a selection of the statistics presented in this publication.

EXPLANATORY NOTES *continued*

RELIABILITY OF DATA *continued*

RELATIVE STANDARD ERRORS FOR TABLE 1, SUMMARY OF MUSEUM OPERATIONS

	<i>Art museums/ galleries</i>	<i>Historic properties</i>	<i>Other museums</i>	<i>Total</i>
	%	%	%	%
Museum/gallery establishments at end June 2000	11	9	5	3
Artefacts/art works/museum objects at end June 2000	14	34	7	6
Admissions during the year ended 30 June 2000				
Paid	5	21	5	6
Free	7	37	15	12
<i>Total</i>	6	30	8	9
Average hours per week open	5	8	5	4
Employment at end June 2000	5	9	4	3
Volunteers for the month of June 2000	13	12	8	6
Income				
Government funding	4	14	2	2
Admissions income	3	15	6	5
Other income	3	16	5	3
<i>Total</i>	3	13	2	2
Expenses				
Wages and salaries	4	13	3	2
Other expenses	4	9	2	2
<i>Total</i>	4	10	2	2

9 As an example of the above, an estimate of museum/gallery establishments at the end of June 2000 is 2,049 and the RSE is 3%, giving a standard error of 61.5 establishments. Therefore there would be two chances in three that, if all units had been included in the survey, a figure in the range of 1,987.5 to 2,110.5 would have been obtained, and 19 chances in 20 that the figure would have been within the range of 1,926.0 to 2,172.0 (a confidence interval of 95%).

10 Where the RSE of an estimate included in this publication exceeds 25%, it has been annotated with an asterisk (*) as a warning to users. Where the RSE of an estimate exceeds 50%, it has been annotated with a double asterisk (**).

11 Errors other than those due to sampling may occur because of deficiencies in the register of units from which the sample was selected, non-responses, and imperfections in reporting by respondents. Inaccuracies of this kind are referred to as non-sampling errors and these may occur in any collection. Every effort has been made to reduce non-sampling error to a minimum by careful design and testing of questionnaires and systems used to compile the statistics.

12 Museum data in this publication have been adjusted to allow for lags in processing new businesses to the ABS business register, and the omission of some businesses from the business register. The majority of businesses affected and to which the adjustments apply are small in size.

13 Adjustments have been made to include new businesses in the estimates in the periods in which they commenced operations, rather than when they were processed to the business register.

IMPROVEMENTS TO
COVERAGE

EXPLANATORY NOTES *continued*

IMPROVEMENTS TO COVERAGE *continued*

14 Further adjustments have been made for businesses which had been in existence for several years, but, for various reasons, were not previously added to the ABS register.

15 For more information on these adjustments, please refer to *ABS Information Paper: Improvements to ABS Economic Statistics, 1997* (Cat. no. 1357.0).

REFERENCE PERIOD

16 Data contained in the tables in this publication relate to all museum businesses and organisations within the survey scope (see paragraphs 2–3) which operated in Australia at any time during the year ended June 2000. Counts of businesses and organisations include only those that were operating at 30 June 2000.

BUSINESSES CEASED DURING THE YEAR

17 A very small number of organisations ceased operations during the 1999–2000 reference period. As is normal ABS procedure, the contributions of these organisations were included in the survey output.

GLOSSARY

Acquisition expenses	This is the value of goods purchased, either expensed or capitalised.
Admissions	This is the number of people visiting museums during 1999–2000, including paid and free admissions.
Admissions income	This item includes the amount received from admissions to both regular and special events of museums.
Advertising expenses, marketing and promotional expenses	This item includes advertising payments to print and electronic media as well as payments to advertising agencies.
Annual allocations from related private sector organisations	This is a set amount of operational or capital funding received from related private sector organisations.
Artefacts/art works/museum objects at end June	This item is the total number of individual artefacts, art works and museum objects held by a museum as at 30 June 2000.
Australian Museums On-Line (AMOL)	AMOL is a website on the Internet containing a directory of Australian museums.
Bequests	This is income derived as a result of the distribution of a deceased estate.
Capital Expenditure	This is the sum of outlays for the purchase of fixed tangible and/or intangible assets by the organisation during 1999–2000.
Capital asset charge	This is an expenditure item recorded in the profit and loss statements of some Federal and State government bodies. This expense is offset within the financial statements by a notional grant. The item is a paper adjustment, to measure the bodies' use of capital during the year.
Conservation expenses for artefacts/artwork/museum objects	This item includes expenses incurred on the treatment, preservation, preventative conservation and restoration of artefacts, art works and museum objects, as well as conservation assessment and condition report expenses.
Curatorial and research staff	These are staff who are involved in the research, development and promotion of exhibitions in museums.
Current Expenditure	This is expenditure relating to costs and expenses that can be written off in the current period.
Depreciation and amortisation	This item represents the financial charges made to the accounts to reflect that part of the value of the asset which may be regarded as having been used up in producing revenue in a particular accounting period.
Donations	This is income derived directly from gifts by individuals or organisations.
Education staff	These are staff involved in the development and presentation of public museum programs.
Employees paid by a related organisation	These are employees who work in a museum, but are paid by parent organisations such as educational institutions, hospitals, government departments, etc.
Employer contributions to superannuation funds	These are the contributions made by the employer to superannuation funds (including employer productivity contributions).
Employment	This item includes working proprietors and partners, working directors, and other employees working for the organisation during the last pay period in June 2000. It includes employees absent on paid or unpaid leave. This item excludes non-salaried directors, sub-contractors, persons paid solely by commission without a retainer and volunteers.

GLOSSARY *continued*

Exhibition/ display development costs	This item includes development expenses for permanent and temporary displays; exhibition programs; labelling and documentation expenses; and consultant fees for exhibition development.
Fringe Benefits tax	Fringe benefits tax is payable by employers when certain benefits in excess of normal wages or salaries (e.g. free or discounted goods or services) are received by their employees (or associates of employees) in connection with their employment.
Full-time employees	Full-time employees are those working 35 hours or more per week.
Funding from non-government organisations	This item includes funding from corporations, philanthropic trusts and 'friends' groups in the form of donations, bequests, and sponsorships.
Government funding	This item consists of project or program payments made by Commonwealth, State and Local government in the form of operational funds for ongoing operations and funding provided for specific capital items.
Historic houses/properties	These are establishments which are mainly engaged in the management/preservation of buildings/structures recognised for their importance to the nation's cultural heritage and their historic, scientific, aesthetic, social or architectural value.
Income from fundraising	This is income from financial sponsorships, in-kind sponsorships (as recorded in the museum/gallery operations' end of year accounts), donations, bequest and other fundraising income.
Labour costs	This item includes wages and salaries, provision expenses for employee entitlements, employer contributions to superannuation funds and workers' compensation costs.
Marketing and promotional expenses	This item covers costs incurred in the promotion of an organisation and its goods and services and includes expenses incurred by staging special events held to promote the organisation.
Other income	This item includes net profit/loss on the sale of non-current assets, exhibition loan fees, other rent, leasing and hiring income and interest income.
Other museums	These include, for example, science museums, maritime museums, transport museums, war memorial museums and indigenous keeping place museums.
Other operating expenses	This item includes capital assets charges, payments to contractors for employment placement services, insurance expenses, interest expenses, bad and doubtful debts, computer software expensed, other contract and sub-contract expenses, and all other operating expenses not elsewhere specified.
Other technology facilities	This item includes all other technology available for public use (e.g. facsimile machines, microfiche readers, video recorders, CD players and tape players, etc.).
Part-time employees	Part-time employees are those working less than 35 hours per week.
Purchases of artefacts and art works expenses	This item represents the acquisitions of artefacts, artworks and museum objects during 1999–2000, which are treated in accounts as current expenses (i.e. non-capitalised).
Rent, leasing and hiring expenses	These are the costs for the rent, leasing and hiring of vehicles, land, buildings, machinery, equipment and any other property to other businesses or individuals.
Sales of goods	This is income derived from the sale of goods in the ordinary course of business operations, and income from merchandising activities.
Security and front-of-house staff	These are staff whose duties are substantially involved in direct contact with the public, e.g. security, attendance, information and directory services.

GLOSSARY *continued*

Special exhibitions	These are generally temporary exhibitions exhibited for no longer than ten weeks, and include special exhibits curated/developed in-house, touring exhibitions curated/developed in Australia and imported overseas exhibitions.
Subscription and membership income	This is the revenue received for membership and for paid subscriptions to journals or papers.
Volunteers	Volunteers provide assistance in the form of time, labour and/or skills, and receive no payment, either monetary or in kind, in return.
Wages and salaries	This item refers to payments accruing to all employees during the financial year including provisions for employee entitlements, severance, termination and redundancy payments. It excludes drawings of working principals and partners of unincorporated businesses.
Workers' compensation costs	This item refers to the compulsory insurance cover to be taken out by all employers, except for self-insured workers, according to legislative schemes to cover employees suffering injury or disease in the course of or arising out of employment.

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285600007994
ISBN 0 642 47737 X

RRP \$18.50

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