



WORK IN SELECTED CULTURE AND LEISURE ACTIVITIES

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) WED 19 DEC 2001

C O N T E N T S

	<i>page</i>
Notes	2
Summary of findings	3

TABLES

1 Persons, by involvement and payment status, State and Territory .	10
2 Characteristics of persons involved, by payment status	11
3 Characteristics of persons involved, by sex	12
4 Persons with some paid involvement, by labour force status and whether part of main job	13
5 Persons involved, by type of activity and sex	14
6 Persons involved, by type of activity and payment status	15
7 Persons involved, by selected activities, State and Territory	16
8 Persons with some paid involvement, by type of activity and whether part of main job	18
9 Persons with some paid involvement, by selected activities and annual income	19
10 Persons involved, by type of activity and frequency of involvement	20
11 Persons involved, by selected activities and sex	21
12 Persons with arts or culture training, by area of training and sex ..	22
13 Persons undertaking selected activities, by work and hobby activity	22
14 Persons involved, by selected activities, 1993, 1997 and 2001 .	23
15 Persons involved, by payment status and State and Territory, 1993, 1997 and 2001	24

ADDITIONAL INFORMATION

Explanatory notes	25
Technical note: Sampling variability	30
Glossary	34

- For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Theo Neumann on Adelaide 08 8237 7449.

NOTES

ABOUT THIS PUBLICATION

This publication presents information on the number and basic demographic characteristics of persons working in selected culture and leisure activities over a 12-month period. It also presents data on the types of activities undertaken, the time spent on activities, whether any payment was received, the amount of money received, and whether those activities were part of the main job. It also provides information on whether any training in arts or cultural fields was received. For a list of the culture and leisure activities included in the survey, refer to the Glossary.

The most recent data presented in this publication were collected in April 2001 as part of the Monthly Population Survey and refer to persons aged 15 years and over. The survey was previously conducted in 1993 and 1997. Data for those years are included for comparative purposes.

Data on this topic were also collected in the four quarterly Population Survey Monitor (PSM) surveys from November 1998 to August 1999. Annual estimates produced from these data were presented in the 1998–99 issue of this publication. Due to methodological differences, comparisons with the 1998–99 survey are not presented in this publication. For details on the differences between the surveys, refer to the Explanatory Notes.

ROUNDING

Where figures have been rounded, discrepancies may occur between sums of the component items and totals. Published percentages are calculated prior to rounding of the figures and therefore some discrepancy may occur between these percentages and those that could be calculated from the rounded figures.



ABBREVIATIONS

ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
Aust.	Australia
e.g.	for example
i.e.	that is
NSW	New South Wales
NT	Northern Territory
Qld	Queensland
RSE	Relative standard error
SA	South Australia
SE	Standard error
Tas.	Tasmania
Vic.	Victoria
WA	Western Australia

Dennis Trewin
Australian Statistician

SUMMARY OF FINDINGS

SUMMARY

During the 12 months prior to interview in April 2001, an estimated 2.5 million persons (16.8% of the Australian population aged 15 years and over) were involved in some form of paid or unpaid work relating to the selected culture and leisure activities covered in the survey. Persons undertaking hobby activities only or who only attended culture and leisure events are not included in these figures. There were:

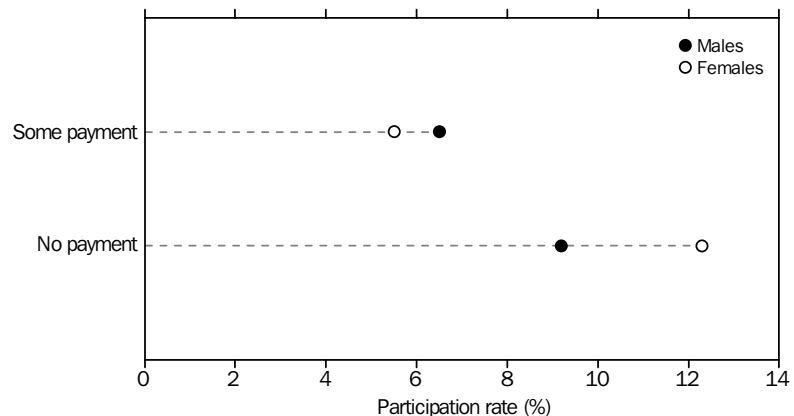
- 1,351,900 females (17.8% of all females) and 1,159,600 males (15.7% of all males) involved;
- 900,000 persons (6.0% of all persons or 35.8% of those involved) who received some financial or in-kind payment for their work in these activities;
- 61.6% of the 900,000 persons who received some payment for their involvement in the selected culture and leisure activities (554,700 persons) who stated their involvement was part of their main job.
- 28.8% of persons in the Australian Capital Territory (67,800 persons) who had some involvement, which was noticeably higher than other States and Territories;
- 542,400 persons in the 15 to 24 year age group (20.6% of persons aged 15 to 24 years) who had some involvement and 198,600 persons in the 65 years and over age group (9.1% of persons aged 65 years and over) who were involved; and
- 536,900 persons (3.6% of persons) who were involved in writing, 503,200 (3.4%) in visual art activities, 364,600 (2.4%) in performing arts, 349,800 (2.3%) in design, 317,500 (2.1%) in organising fetes and 281,900 (1.9%) in music.

CHARACTERISTICS OF PERSONS INVOLVED

Sex

Overall, while a higher percentage of females (17.8%) than males (15.7%) aged 15 years and over worked in a culture or leisure activity, the participation rate for paid involvement was slightly higher for males (6.5%) than for females (5.5%) (table 2). Females had a higher unpaid rate of involvement than males, with 12.3% of females (934,500) having unpaid involvement only, compared with 9.2% of males (677,000).

PARTICIPATION RATE, By Sex



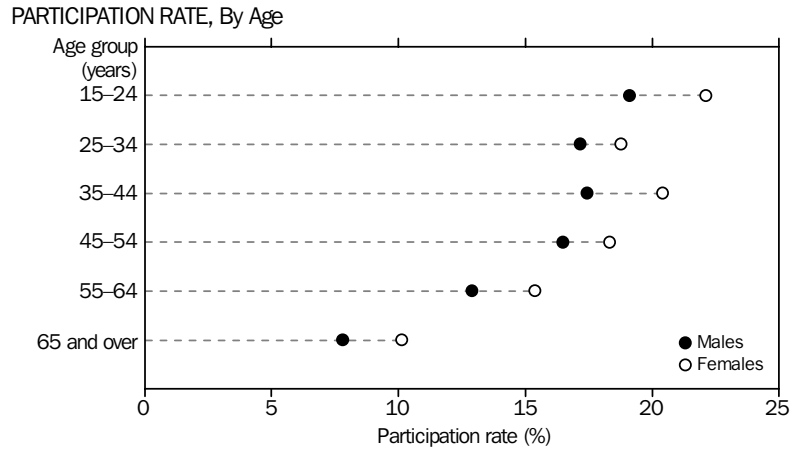
Age

Generally, participation in culture and leisure activities declined with age from a rate of 20.6% for those aged 15 to 24 years to 9.1% for persons aged 65 years and over (table 2).

SUMMARY OF FINDINGS *continued*

Age continued

The participation rate for those receiving some payment was highest for the 25 to 34 year age group (8.8%).



Birthplace

Persons born in Australia and persons born overseas in main English speaking countries had the same participation rate (18.4%). However, those born overseas in other countries had a significantly lower participation rate (8.7%) (table 2). Of those born in Australia, 6.4% received some payment for working in a culture or leisure activity. This compares with 7.8% of those born overseas in main English speaking countries and 3.2% of those born overseas in other countries.

Residence

The participation rates of persons living in the eight States and Territories varied between 14.9% (New South Wales) and 28.8% (Australian Capital Territory) (table 1).

As participation appears to be related to age and sex, differences in age and sex profiles of the States and Territories should be considered when making comparisons. For example, the proportions of the population in the Northern Territory and the Australian Capital Territory that are younger adults are higher than the Australian average, while the populations of South Australia and Tasmania have a greater than average percentage of older persons.

The following table shows the participation rates for each State and Territory recorded from the survey, as well as standardised rates which take account of the differing age and sex profiles of the States and Territories. The standardised rate presented is based on the age and sex profile of the Australian estimated population at 31 March 2001.

SUMMARY OF FINDINGS *continued*

Residence continued

PARTICIPATION RATES, By State and Territory

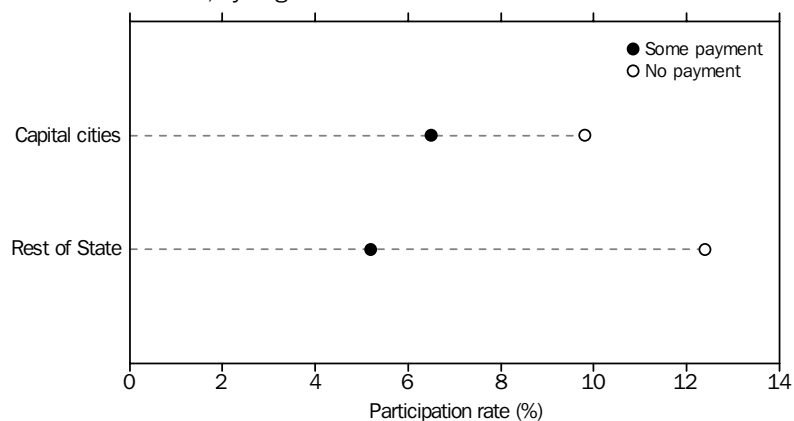
	<i>Unstandardised participation rate</i>	<i>Standardised participation rate</i>
	%	%
New South Wales	14.9	15.0
Victoria	16.9	16.9
Queensland	18.0	17.9
South Australia	18.3	18.5
Western Australia	16.9	16.7
Tasmania	18.1	18.4
Northern Territory(a)	18.2	16.3
Australian Capital Territory	28.8	28.2
Australia	16.8	16.8

(a) Refers to mainly urban areas only.

The standardised results indicate that the age and sex profiles of the States and Territories do not have a large impact on the participation rates recorded, with the exception of the Northern Territory.

The participation rate for residents in the six State capital cities (16.3%) was lower than for residents in the Rest of State regions (17.6%) (table 2). Persons living in the State capital cities had a slightly higher participation rate for paid involvements (6.5%) than those in the Rest of State regions (5.2%). The rate for unpaid involvements only was lower in the State capital cities (9.8%) than in the Rest of State regions (12.4%).

PARTICIPATION RATE, By Region



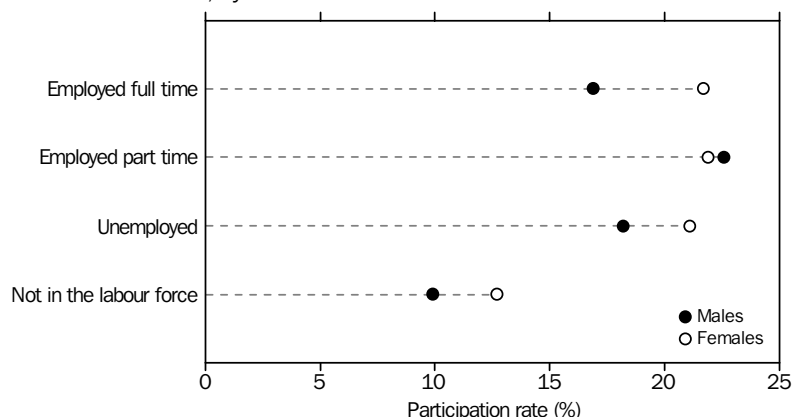
Labour force status

There were about 1.8 million employed persons (19.5% of all employed persons) who worked in a culture or leisure activity at some time during the 12 months prior to interview (table 2). (Note: Labour force status was reported in the survey for the week prior to interview.) Unemployed persons and those not in the labour force had participation rates of 19.5% (126,200 persons) and 11.6% (607,900 persons), respectively. Females employed part time (21.9%) had a similar participation rate to females who were employed full time (21.7%), while males employed part time (22.6%) had a significantly higher participation rate than males employed full time (16.9%).

SUMMARY OF FINDINGS *continued*

Labour force status continued

PARTICIPATION RATE, By Labour Force Status



ACTIVITIES

Information was collected for 37 different culture and leisure activities in this survey.

Over half a million persons (536,900) indicated that they had some writing involvement in the 12 months ending in April 2001 (table 5). This included writing books, writing for magazines or newspapers, and writing for newsletters or journals. Over half a million persons (503,200) had involvement in visual art activities, with two-fifths of these (201,900) indicating computer art as at least one of their mediums. Almost 400,000 persons indicated that they had taken part in craft activities which included furniture-making and wood crafts (123,900), textiles (94,400) and pottery and ceramics (56,900). Other activities with large numbers of persons involved were performing arts (364,600), design (349,800) and fete organising (317,500).

There were substantially higher numbers of males than females involved in music (165,200 males compared with 116,600 females), design (197,800 and 152,000) and interactive content creation (160,600 and 73,100). Conversely, females outnumbered males by at least two to one for fete organising (233,600 females compared with 84,000 males), art and craft show organising (97,300 and 25,100) and library and archive involvements (55,300 and 20,700). A noticeably higher number of females than males were also involved in craft activities (261,600 females compared with 134,800 males), performing arts (241,300 and 123,300) and teaching culture and leisure activities (105,600 and 58,800), which exclude primary and secondary teaching.

Payment status

More persons had paid involvement in writing (214,800), design (210,700) and visual art activities (175,800) than any other culture or leisure activity in the survey (table 6). Paid involvement includes persons who received payment in dollars as well as those who only received payment in-kind. Of the 900,000 persons who received some payment, 53,700 (6.0%) received only payment in-kind.

Involvement as part of main job

Of the 900,000 persons who received some payment for their involvement in culture and leisure activities, 554,700 persons (61.6%) stated their involvement was part of their main job (table 8). Over 70% of persons involved in libraries and archives, design, or art and craft show organising indicated that their involvement was part of their main job.

Duration of activities

Most persons involved in culture and leisure activities had only a short-term or part-time involvement over the 12-month period, with many undertaking the activities for less than

SUMMARY OF FINDINGS *continued*

Duration of activities *continued*

10 hours per week and less than 13 weeks in the year (table 10). For example, of the 536,900 persons involved in writing, over half (50.9%) were involved for less than 10 hours per week for less than 13 weeks in the year. Design was one activity where involvement was often of a longer duration. Of the 349,800 persons involved in design, almost one-third (30.3%) were involved for 10 hours or more per week for 13 weeks or more in the year.

Income

Because most persons involved in culture and leisure activities had only a short-term or part-time involvement, the annual income received by persons from these activities was reasonably low (table 9). For example, there were 107,300 persons (50.0%) with paid involvement in writing who received an annual income from this activity of less than \$5,000. However, 65,700 (31.2%) persons received an annual income of at least \$20,000 from their involvement in design.

TRAINING

There were over 1.1 million persons who had completed training in an arts or cultural field (table 12). The more commonly reported areas in which training was completed were Crafts (261,900 persons), Music (242,700 persons) and Fine arts (192,700).

Of all the persons who had completed training in an arts or cultural field, 69.0% were employed at the time of the survey. The percentage of persons employed ranged from 60.4% for persons with training in Fine arts to 79.7% for persons with training in Design.

Almost two-fifths (39.4%) of persons who had completed training in an arts or cultural field had done some work in a related culture or leisure activity in the previous 12 months. Persons with training in librarianship were those most likely to be using that training—some 72.2% of persons who had completed training in the area of Librarianship had a work involvement in a library or archive in the previous 12 months.

HOBBIES

Activities which were undertaken solely for the person's own or family use were classified as hobby activities. For this survey, data on hobby activities were only collected for art and craft, writing and music (see Glossary).

There were almost 2.4 million persons who were involved in art and craft as a hobby activity only (table 13). Likewise, 321,200 persons were involved in writing as a hobby activity only and 103,900 persons were involved in music as a hobby activity only. These persons were not included in the total number of persons (2.5 million) with a work involvement in culture and leisure activities.

COMPARISON WITH 1993 AND 1997 SURVEYS

The Work in Selected Culture and Leisure Activities Survey was also conducted in 1993 and 1997. Due to some changes in the survey's methodology and the questionnaires used, caution should be exercised when making comparisons between the three surveys. For information about differences between the surveys, see paragraphs 21 to 30 in the Explanatory Notes.

To enable valid comparisons over time, data for 1997 and 2001 are presented based on 1993 survey categories. While most categories were comparable across the three time periods, some categories in 2001 could only be compared with 1997, while others could not be compared at all. Activities that were not comparable across all three surveys due to changes in the questionnaire were excluded from the comparison below. Specifically,

SUMMARY OF FINDINGS *continued*

COMPARISON WITH 1993 AND 1997 SURVEYS *continued*

persons who were only involved in zoos and aquaria; botanic gardens; writing; publishing; performing arts; some art activities (electronic art/computer art and other art activities); some craft activities (other craft activities); design; and teaching cultural activities were excluded.

The overall participation rate increased by 1.5 percentage points between 1993 and 1997 (from 9.0% to 10.5%) but then decreased slightly between 1997 and 2001 (table 15). The participation rate of persons who received some payment for their involvement in culture and leisure activities stood at 2.8% in 1993, 3.1% in 1997 and 3.5% in 2001. The percentage of the population who only had unpaid involvement increased from 6.1% in 1993 to 7.3% in 1997, but then fell to 6.7% in 2001.

PERSONS, By Involvement and Payment Status—State and Territory

<i>State and Territory</i>	<i>Some paid involvement(a)</i>	<i>Unpaid involvement only</i>	<i>Total persons involved</i>	<i>Persons with no involvement</i>	<i>Total persons</i>	<i>Participation rate</i>
	'000	'000	'000	'000	'000	%
MALES						
New South Wales	153.0	189.2	342.2	2 161.3	2 503.5	13.7
Victoria	127.6	177.6	305.3	1 554.3	1 859.6	16.4
Queensland	80.5	142.6	223.2	1 149.6	1 372.7	16.3
South Australia	43.3	63.7	107.0	473.7	580.7	18.4
Western Australia	49.9	60.6	110.5	622.2	732.7	15.1
Tasmania	9.9	18.6	28.6	149.1	177.6	16.1
Northern Territory(b)	*4.1	5.7	9.8	46.8	56.7	17.3
Australian Capital Territory	14.1	18.9	33.0	81.9	115.0	28.7
Australia	482.6	677.0	1 159.6	6 238.9	7 398.5	15.7
FEMALES						
New South Wales	138.2	276.4	414.6	2 150.2	2 564.9	16.2
Victoria	94.6	239.0	333.5	1 587.4	1 920.9	17.4
Queensland	82.6	192.2	274.7	1 123.2	1 398.0	19.7
South Australia	31.4	77.2	108.6	491.9	600.5	18.1
Western Australia	41.4	96.5	137.9	598.6	736.5	18.7
Tasmania	10.1	27.2	37.3	148.7	186.0	20.1
Northern Territory(b)	*4.7	5.7	10.4	43.9	54.2	19.1
Australian Capital Territory	14.3	20.4	34.8	85.9	120.7	28.8
Australia	417.4	934.5	1 351.9	6 229.8	7 581.7	17.8
PERSONS						
New South Wales	291.2	465.6	756.8	4 311.5	5 068.4	14.9
Victoria	222.2	416.6	638.8	3 141.7	3 780.5	16.9
Queensland	163.1	334.8	497.9	2 272.8	2 770.7	18.0
South Australia	74.7	140.9	215.6	965.6	1 181.2	18.3
Western Australia	91.3	157.1	248.4	1 220.8	1 469.2	16.9
Tasmania	20.1	45.8	65.9	297.8	363.7	18.1
Northern Territory(b)	8.8	11.4	20.2	90.7	110.9	18.2
Australian Capital Territory	28.5	39.3	67.8	167.9	235.7	28.8
Australia	900.0	1 611.5	2 511.5	12 468.7	14 980.2	16.8

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

(a) Includes persons who only received payment in-kind. Of the 900,000 people who received some payment, 53,700 (6.0%) only received payment in-kind.

(b) Refers to mainly urban areas only.

CHARACTERISTICS OF PERSONS INVOLVED, By Payment Status

Characteristics	SOME PAID INVOLVEMENT . .		UNPAID INVOLVEMENT ONLY		TOTAL PERSONS INVOLVED	
	Number	Participation rate	Number	Participation rate	Number	Participation rate
	'000	%	'000	%	'000	%
Sex						
Males	482.6	6.5	677.0	9.2	1 159.6	15.7
Females	417.4	5.5	934.5	12.3	1 351.9	17.8
Age group (years)						
15-24	174.1	6.6	368.3	14.0	542.4	20.6
25-34	251.9	8.8	262.7	9.2	514.6	18.0
35-44	205.4	7.0	346.8	11.9	552.2	18.9
45-54	173.1	6.6	280.8	10.8	453.9	17.4
55-64	67.0	3.8	182.7	10.3	249.7	14.1
65 and over	28.4	1.3	170.1	7.8	198.6	9.1
Birthplace						
Australia	689.5	6.4	1 297.4	12.0	1 986.9	18.4
Overseas						
Main English speaking countries	129.4	7.8	174.1	10.6	303.4	18.4
Other countries	81.1	3.2	140.0	5.5	221.1	8.7
Total overseas	210.5	5.0	314.1	7.5	524.5	12.5
Region						
Capital cities	609.4	6.5	923.5	9.8	1 532.9	16.3
Rest of State	290.5	5.2	688.0	12.4	978.6	17.6
Labour force status						
Employed full time	559.6	8.5	652.6	10.0	1 212.3	18.5
Employed part time	206.1	8.1	358.9	14.0	565.1	22.1
Total employed	765.8	8.4	1 011.6	11.1	1 777.3	19.5
Unemployed	40.7	6.3	85.6	13.2	126.2	19.5
Not in the labour force	93.5	1.8	514.3	9.8	607.9	11.6
Total	900.0	6.0	1 611.5	10.8	2 511.5	16.8

CHARACTERISTICS OF PERSONS INVOLVED, By Sex

Characteristics	MALES		FEMALES		PERSONS	
	Number	Participation rate	Number	Participation rate	Number	Participation rate
	'000	%	'000	%	'000	%
Age group (years)						
15-24	255.4	19.1	287.0	22.1	542.4	20.6
25-34	244.3	17.2	270.3	18.8	514.6	18.0
35-44	252.1	17.4	300.1	20.4	552.2	18.9
45-54	215.1	16.5	238.8	18.3	453.9	17.4
55-64	115.0	12.9	134.7	15.4	249.7	14.1
65 and over	77.7	7.8	120.9	10.1	198.6	9.1
Birthplace						
Australia	890.3	16.8	1 096.6	20.0	1 986.9	18.4
Overseas						
Main English speaking countries	161.2	18.9	142.3	17.9	303.4	18.4
Other countries	108.1	8.6	113.0	8.7	221.1	8.7
Total overseas	269.2	12.8	255.3	12.2	524.5	12.5
Region						
Capital cities	715.7	15.4	817.2	17.0	1 532.9	16.3
Rest of State	443.9	16.1	534.7	19.2	978.6	17.6
Labour force status						
Employed full time	742.9	16.9	469.3	21.7	1 212.3	18.5
Employed part time	156.5	22.6	408.6	21.9	565.1	22.1
Total employed	899.4	17.7	877.9	21.8	1 777.3	19.5
Unemployed	66.7	18.2	59.5	21.1	126.2	19.5
Not in the labour force	193.4	9.9	414.5	12.7	607.9	11.6
Total	1 159.6	15.7	1 351.9	17.8	2 511.5	16.8

4

PERSONS WITH SOME PAID INVOLVEMENT, By Labour Force Status(a) and Whether Part of Main Job

<i>Labour force status and relationship to main job</i>	MALES		FEMALES		PERSONS	
	<i>Number</i>	<i>Percentage</i>	<i>Number</i>	<i>Percentage</i>	<i>Number</i>	<i>Percentage</i>
	'000	%	'000	%	'000	%
Employed						
Paid culture or leisure activity is part of main job						
One job last week	259.8	53.8	229.3	54.9	489.1	54.4
More than one job last week	29.3	6.1	35.6	8.5	65.0	7.2
Paid culture or leisure activity is not part of main job						
One job last week	109.1	22.6	66.3	15.9	175.4	19.5
More than one job last week	19.9	4.1	16.4	3.9	36.3	4.0
<i>Total employed</i>	<i>418.1</i>	<i>86.6</i>	<i>347.7</i>	<i>83.3</i>	<i>765.8</i>	<i>85.1</i>
Unemployed	23.6	4.9	17.0	4.1	40.7	4.5
Not in the labour force	40.8	8.5	52.7	12.6	93.5	10.4
Total	482.6	100.0	417.4	100.0	900.0	100.0

(a) Labour force status refers to status during the week prior to interview while culture or leisure activity refers to activities undertaken in the 12 months prior to interview.

PERSONS INVOLVED, By Type of Activity and Sex

Type of activity	Males	Females	Persons
	'000	'000	'000
Heritage organisations	30.0	23.6	53.7
Public art galleries	15.7	25.1	40.8
Museums	28.8	19.4	48.2
National parks and reserves	43.4	33.5	76.9
Zoos and aquaria	*6.1	*8.1	14.1
Botanic gardens	*14.1	*9.7	23.8
Libraries and archives	20.7	55.3	76.0
Writing	269.8	267.0	536.9
Publishing	79.5	72.5	152.0
Music			
Live performer	139.1	95.3	234.4
No involvement as live performer	26.2	21.3	47.5
Total	165.2	116.6	281.9
Performing arts			
Performer	87.8	170.4	258.3
No involvement as performer	35.5	70.9	106.3
Total	123.3	241.3	364.6
Visual art activities			
Drawing	46.8	77.8	124.5
Painting	45.0	109.0	154.1
Sculpture	16.2	24.9	41.0
Photography	74.2	77.4	151.6
Print-making	18.3	18.9	37.1
Computer art	98.8	103.1	201.9
Other visual art activities	14.3	22.5	36.8
Total(a)	216.3	286.9	503.2
Craft activities			
Pottery and ceramics	*7.6	49.3	56.9
Textiles	*5.2	89.2	94.4
Jewellery	*6.1	18.9	25.0
Furniture-making and wood crafts	99.2	24.7	123.9
Glass crafts	*5.6	15.4	21.0
Other craft activities	25.4	101.9	127.3
Total(a)	134.8	261.6	396.4
Design	197.8	152.0	349.8
Radio	52.8	38.0	90.7
Television	48.4	35.1	83.6
Film production	24.1	20.3	44.4
Cinema and video distribution	14.8	*5.3	20.1
Interactive content creation	160.6	73.1	233.8
Teaching	58.8	105.6	164.4
Fete organising	84.0	233.6	317.5
Festival organising	96.3	97.6	193.9
Art and craft show organising	25.1	97.3	122.5
Government arts organisations and agencies	16.4	11.9	28.3
Total(a)	1 159.6	1 351.9	2 511.5

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

(a) Components may not add to totals as some persons were involved in more than one activity.

PERSONS INVOLVED, By Type of Activity and Payment Status

Type of activity	Some paid involvement	Unpaid involvement only	Total	Percentage with some paid involvement
	'000	'000	'000	%
Heritage organisations	*8.3	45.4	53.7	*15.4
Public art galleries	*11.4	29.4	40.8	*27.9
Museums	*11.5	36.6	48.2	*24.0
National parks and reserves	15.3	61.6	76.9	19.9
Zoos and aquaria	*6.9	*7.2	14.1	*49.0
Botanic gardens	*8.4	15.4	23.8	*35.5
Libraries and archives	31.2	44.8	76.0	41.1
Writing	214.8	322.0	536.9	40.0
Publishing	79.7	72.3	152.0	52.4
Music				
Live performer	64.6	169.8	234.4	27.6
No involvement as live performer	18.9	28.6	47.5	39.7
Total	83.5	198.4	281.9	29.6
Performing arts				
Performer	29.1	229.1	258.3	11.3
No involvement as performer	16.6	89.7	106.3	15.6
Total	45.7	318.8	364.6	12.5
Visual art activities				
Drawing	46.3	78.3	124.5	37.2
Painting	51.6	102.4	154.1	33.5
Sculpture	16.2	24.8	41.0	39.6
Photography	46.6	105.0	151.6	30.7
Print-making	19.2	17.9	37.1	51.7
Computer art	75.6	126.2	201.9	37.5
Other visual art activities	14.3	22.5	36.8	38.9
Total(a)	175.8	327.3	503.2	34.9
Craft activities				
Pottery and ceramics	*11.6	45.3	56.9	*20.4
Textiles	23.5	71.0	94.4	24.8
Jewellery	13.5	*11.5	25.0	54.0
Furniture-making and wood crafts	34.0	89.9	123.9	27.4
Glass crafts	*5.8	15.2	21.0	*27.5
Other craft activities	17.4	109.9	127.3	13.7
Total(a)	94.5	301.9	396.4	23.8
Design	210.7	139.1	349.8	60.2
Radio	19.6	71.1	90.7	21.6
Television	54.0	29.6	83.6	64.6
Film production	20.4	24.0	44.4	46.0
Cinema and video distribution	*11.4	*8.7	20.1	*56.6
Interactive content creation	124.5	109.3	233.8	53.2
Teaching	76.6	87.7	164.4	46.6
Fete organising	12.4	305.1	317.5	3.9
Festival organising	47.6	146.3	193.9	24.5
Art and craft show organising	17.0	105.5	122.5	13.9
Government arts organisations and agencies	12.6	15.7	28.3	44.4
Total(a)	900.0	1 611.5	2 511.5	35.8

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

(a) Components may not add to totals as some persons were involved in more than one activity.

PERSONS INVOLVED, By Selected Activities(a)—State and Territory

Type of activity	NSW	Vic.	Qld	SA	WA	Tas.	NT(b)	ACT	Aust.
NUMBER ('000)									
Museums	*14.2	15.0	*7.4	*3.9	*4.5	*1.3	**0.7	*1.2	48.2
National parks and reserves	20.7	21.7	13.6	*7.3	8.6	*3.3	**0.9	**0.6	76.9
Libraries and archives	17.7	17.3	13.0	11.4	12.2	*1.7	**—	*2.7	76.0
Writing	169.4	133.7	99.0	46.6	45.7	14.6	5.3	22.5	536.9
Publishing	59.9	36.3	16.7	13.3	14.6	*3.4	*1.6	6.3	152.0
Music									
Live performer	76.5	52.6	41.5	20.3	25.1	7.4	*1.4	9.6	234.4
No involvement as live performer	*13.3	*11.6	13.4	*3.4	*2.2	*1.4	**0.3	*1.9	47.5
Total	89.8	64.2	54.9	23.7	27.3	8.8	*1.7	11.5	281.9
Performing arts									
Performer	68.6	63.7	61.9	20.9	24.8	7.6	*2.4	8.3	258.3
No involvement as performer	23.1	24.7	25.6	8.4	17.8	*2.5	**1.1	*3.1	106.3
Total	91.7	88.3	87.5	29.3	42.6	10.1	*3.6	11.4	364.6
Visual art activities									
Drawing	34.6	27.9	29.5	10.2	14.0	*1.6	*2.3	*4.3	124.5
Painting	51.2	36.3	32.4	10.4	17.9	*1.5	*1.3	*3.2	154.1
Photography	51.1	29.3	32.9	12.0	17.3	4.3	**1.2	*3.5	151.6
Computer art	71.3	34.9	41.7	15.8	24.9	6.1	*2.3	4.8	201.9
Total(c)	160.4	111.5	111.1	38.4	55.5	10.9	*4.2	11.1	503.2
Craft activities									
Pottery and ceramics	23.5	*10.8	13.1	*2.6	*5.0	**0.7	**0.1	*1.1	56.9
Textiles	37.9	19.6	14.7	7.4	*6.4	4.4	**0.8	*3.1	94.4
Furniture-making and wood crafts	32.8	32.8	28.3	11.0	12.8	*3.8	**0.5	*1.9	123.9
Other craft activities(d)	46.3	30.5	23.4	11.6	9.9	*3.0	**0.2	*2.5	127.3
Total(c)	131.5	91.0	84.3	32.7	34.4	12.1	*2.2	8.2	396.4
Design	118.4	91.7	59.4	27.9	32.6	9.3	*2.5	7.9	349.8
Radio	31.8	22.1	11.5	11.3	8.4	*2.3	**0.6	*2.8	90.7
Television	31.3	24.5	14.1	*7.6	*3.3	**0.4	**1.2	**1.2	83.6
Interactive content creation	64.5	58.3	45.1	17.2	32.2	6.5	*1.6	8.3	233.8
Teaching	46.4	39.9	34.1	16.7	16.5	4.1	*1.3	5.3	164.4
Fete organising	94.6	88.6	56.2	27.3	30.2	10.7	*2.1	7.7	317.5
Festival organising	50.1	54.4	37.9	15.8	20.8	5.5	*2.3	7.2	193.9
Art and craft show organising	42.8	31.0	17.8	11.1	14.5	*2.0	**1.2	*2.1	122.5
Total(c)	756.8	638.8	497.9	215.6	248.4	65.9	20.2	67.8	2 511.5

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

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

— nil or rounded to zero (including null cells)

(a) Several activities (e.g. heritage organisations, public art galleries) are not shown due to high relative standard errors (see paragraph 15 in the Explanatory Notes).

(b) Refers to mainly urban areas only.

(c) Includes other activities not shown due to high relative standard errors. Components may not add to totals as some persons were involved in more than one activity.

(d) Excludes jewellery and glass crafts which are included in the total for Craft activities.

PERSONS INVOLVED, By Selected Activities(a)—State and Territory *continued*

Type of activity	NSW	Vic.	Qld	SA	WA	Tas.	NT(b)	ACT	Aust.
NUMBER PER 1,000 PERSONS (c)									
Museums	*2.8	4.0	*2.7	*3.3	*3.1	*3.7	**5.9	*5.0	3.2
National parks and reserves	4.1	5.7	4.9	*6.2	5.9	*9.1	**8.4	**2.7	5.1
Libraries and archives	3.5	4.6	4.7	9.7	8.3	*4.7	**—	*11.3	5.1
Writing	33.4	35.4	35.7	39.4	31.1	40.1	48.0	95.6	35.8
Publishing	11.8	9.6	6.0	11.2	9.9	*9.3	*14.5	26.7	10.1
Music									
Live performer	15.1	13.9	15.0	17.2	17.1	20.4	*12.6	40.6	15.6
No involvement as live performer	*2.6	*3.1	4.8	*2.9	*1.5	*3.9	**2.6	*8.1	3.2
Total	17.7	17.0	19.8	20.1	18.6	24.3	*15.2	48.6	18.8
Performing arts									
Performer	13.5	16.8	22.4	17.7	16.9	21.0	*21.8	35.2	17.2
No involvement as performer	4.6	6.5	9.2	7.1	12.1	*6.9	**10.3	*13.3	7.1
Total	18.1	23.4	31.6	24.8	29.0	27.9	*32.2	48.5	24.3
Visual art activities									
Drawing	6.8	7.4	10.7	8.6	9.6	*4.5	*20.9	*18.3	8.3
Painting	10.1	9.6	11.7	8.8	12.2	*4.1	*11.6	*13.6	10.3
Photography	10.1	7.7	11.9	10.2	11.8	11.7	**10.5	*14.9	10.1
Computer art	14.1	9.2	15.1	13.4	17.0	16.8	*20.5	20.3	13.5
Total(d)	31.7	29.5	40.1	32.5	37.8	29.8	*38.3	47.1	33.6
Craft activities									
Pottery and ceramics	4.6	*2.8	4.7	*2.2	*3.4	**1.9	**1.2	*4.8	3.8
Textiles	7.5	5.2	5.3	6.3	*4.4	12.1	**7.6	*13.2	6.3
Furniture-making and wood crafts	6.5	8.7	10.2	9.3	8.7	*10.4	**4.3	*8.0	8.3
Other craft activities(e)	9.1	8.1	8.4	9.8	6.7	*8.3	**2.0	*10.4	8.5
Total(d)	25.9	24.1	30.4	27.7	23.4	33.3	*20.0	34.9	26.5
Design	23.4	24.3	21.4	23.6	22.2	25.7	*22.9	33.4	23.4
Radio	6.3	5.8	4.2	9.5	5.7	*6.3	**5.6	*11.7	6.1
Television	6.2	6.5	5.1	*6.4	*2.2	**1.1	**10.5	**5.0	5.6
Interactive content creation	12.7	15.4	16.3	14.5	21.9	17.9	*14.2	35.1	15.6
Teaching	9.2	10.6	12.3	14.1	11.2	11.2	*12.1	22.7	11.0
Fete organising	18.7	23.4	20.3	23.1	20.6	29.5	*19.1	32.8	21.2
Festival organising	9.9	14.4	13.7	13.4	14.1	15.1	*20.4	30.7	12.9
Art and craft show organising	8.4	8.2	6.4	9.4	9.9	*5.5	**10.5	*8.9	8.2
Total(d)	149.3	169.0	179.7	182.5	169.1	181.2	182.1	287.7	167.7

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

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

— nil or rounded to zero (including null cells)

(a) Several activities (e.g. heritage organisations, public art galleries) are not shown due to high relative standard errors (see paragraph 15 in the Explanatory Notes).

(b) Refers to mainly urban areas only.

(c) Number of persons involved in a specific activity per 1,000 persons aged 15 years and over residing in that State or Territory.

(d) Includes other activities not shown due to high relative standard errors. Components may not add to totals as some persons were involved in more than one activity.

(e) Excludes jewellery and glass crafts which are included in the total for Craft activities.

PERSONS WITH SOME PAID INVOLVEMENT, By Type of Activity and Whether Part of Main Job

Type of activity	Involvement	Involvement	Total	Percentage
	part of main job	not part of main job(a)		that are part of main job
	'000	'000	'000	%
Heritage organisations	*6.9	**1.4	*8.3	*83.4
Public art galleries	*6.2	*5.2	*11.4	*54.2
Museums	*4.8	*6.7	*11.5	*41.7
National parks and reserves	12.2	*3.1	15.3	79.7
Zoos and aquaria	*3.8	*3.2	*6.9	*54.3
Botanic gardens	*3.7	*4.7	*8.4	*44.1
Libraries and archives	23.1	*8.1	31.2	74.1
Writing	144.4	70.5	214.8	67.2
Publishing	52.5	27.2	79.7	65.9
Music				
Live performer	16.3	48.4	64.6	25.2
No involvement as live performer	*10.8	*8.0	18.9	*57.5
Total	27.1	56.4	83.5	32.5
Performing arts				
Performer	*10.0	19.1	29.1	*34.5
No involvement as performer	*8.7	*7.9	16.6	*52.5
Total	18.8	27.0	45.7	41.0
Visual arts activities				
Drawing	32.3	14.0	46.3	69.8
Painting	21.6	30.0	51.6	41.8
Sculpture	*3.9	12.4	16.2	*23.9
Photography	26.4	20.2	46.6	56.6
Print-making	*12.3	*6.9	19.2	*64.1
Computer art	55.5	20.1	75.6	73.4
Other visual art activities	*6.9	*7.4	14.3	*48.2
Total(b)	95.3	80.5	175.8	54.2
Craft activities				
Pottery and ceramics	*5.2	*6.4	*11.6	*44.8
Textiles	12.2	*11.2	23.5	52.0
Jewellery	*6.1	*7.4	13.5	*45.1
Furniture-making and wood crafts	16.7	17.3	34.0	49.2
Glass crafts	*5.4	**0.4	*5.8	*93.6
Other craft activities	*8.9	*8.5	17.4	*51.1
Total(b)	46.4	48.1	94.5	49.1
Design	155.4	55.3	210.7	73.7
Radio	13.3	*6.3	19.6	67.8
Television	25.6	28.4	54.0	47.4
Film production	*13.3	*7.1	20.4	*65.4
Cinema and video distribution	*9.0	**2.4	*11.4	*79.2
Interactive content creation	79.3	45.1	124.5	63.7
Teaching	42.0	34.6	76.6	54.8
Fete organising	*9.0	*3.4	12.4	*72.3
Festival organising	25.8	21.8	47.6	54.2
Art and craft show organising	13.6	*3.4	17.0	79.9
Government arts organisations and agencies	*7.6	*5.0	12.6	*60.2
Total(b)	554.1	345.9	900.0	61.6

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

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

(a) Includes persons who were unemployed or not in the labour force.

(b) Components may not add to totals as some persons were involved in more than one activity.

PERSONS WITH SOME PAID INVOLVEMENT, By Selected Activities(a) and Annual Income(b)

Type of activity	ANNUAL INCOME FROM ACTIVITY			
	Less than \$5,000	\$5,000 to \$19,999	\$20,000 or more	Total(c)
	'000	'000	'000	'000
National parks and reserves	*10.4	*3.2	**0.9	15.3
Libraries and archives	11.2	*4.0	11.4	31.2
Writing	107.3	25.4	26.6	214.8
Publishing	28.2	16.9	20.2	79.7
Music				
Live performer	45.8	*7.6	**2.6	64.6
No involvement as live performer	*8.9	**2.0	*4.8	18.9
Total	54.7	*9.6	*7.4	83.5
Performing arts				
Performer	15.4	*4.2	**1.5	29.1
No involvement as performer	*6.6	**1.4	**2.4	16.6
Total	21.9	*5.7	*3.9	45.7
Visual art activities				
Drawing	22.5	*9.7	*4.7	46.3
Painting	31.7	*4.1	*4.8	51.6
Photography	25.4	*6.4	*2.7	46.6
Computer art	40.5	*11.3	*6.3	75.6
Craft activities				
Textiles	15.3	*3.7	*2.7	23.5
Furniture-making and wood crafts	15.4	*9.0	*5.7	34.0
Design	60.4	46.7	65.7	210.7
Radio	*8.1	*3.0	*4.7	19.6
Television	26.9	*6.5	14.9	54.0
Film production	*6.0	*9.0	**3.2	20.4
Interactive content creation	53.7	19.4	24.1	124.5
Teaching	44.8	11.2	10.8	76.6
Festival organising	28.5	*4.7	**2.5	47.6

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

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

- (a) Several activities (e.g. heritage organisations, public art galleries) were excluded due to high relative standard errors (see paragraph 15 in the Explanatory Notes).
- (b) Some totals are not presented because data were collected in ranges (see paragraph 16 in the Explanatory Notes).
- (c) Includes persons who only received payment in-kind, and persons who did not state the amount of payment they received.

PERSONS INVOLVED, By Type of Activity and Frequency of Involvement(a)

Type of activity	FREQUENCY OF INVOLVEMENT PER YEAR				TOTAL	
	<i>Less than 13 weeks for less than 10 hours per week</i>	<i>Less than 13 weeks for 10 hours or more per week</i>	<i>13 weeks or more for less than 10 hours per week</i>	<i>13 weeks or more for 10 hours or more per week</i>	%	'000
Heritage organisations	60.9	*9.4	23.6	*6.2	100.0	53.7
Public art galleries	46.0	*20.3	29.2	**4.4	100.0	40.8
Museums	40.6	*12.0	33.7	*13.7	100.0	48.2
National parks and reserves	56.6	*14.1	19.2	*10.0	100.0	76.9
Zoos and aquaria	*68.5	**2.0	**9.7	*19.7	100.0	14.1
Botanic gardens	*51.3	**10.4	*15.7	*22.7	100.0	23.8
Libraries and archives	38.3	*6.6	33.1	21.9	100.0	76.0
Writing	50.9	11.2	26.6	11.3	100.0	536.9
Publishing	47.4	11.7	21.8	19.1	100.0	152.0
Music						
Live performer	20.3	*1.2	67.1	11.4	100.0	234.4
No involvement as live performer	27.7	*8.1	49.3	*14.9	100.0	47.5
Total	21.6	*2.3	64.1	12.0	100.0	281.9
Performing arts						
Performer	34.5	6.8	51.0	7.7	100.0	258.3
No involvement as performer	41.3	*5.2	46.5	*7.0	100.0	106.3
Total	36.5	6.4	49.6	7.5	100.0	364.6
Visual art activities						
Drawing	36.5	*3.3	52.8	*7.4	100.0	124.5
Painting	42.7	9.4	37.9	10.0	100.0	154.1
Sculpture	51.3	*23.7	*19.1	**5.9	100.0	41.0
Photography	53.7	8.4	30.8	*7.1	100.0	151.6
Print-making	53.2	*13.7	*27.3	**5.8	100.0	37.1
Computer art	49.8	10.3	28.2	11.7	100.0	201.9
Other visual art activities	*32.0	**5.3	53.6	*9.1	100.0	36.8
Craft activities						
Pottery and ceramics	52.3	**2.3	34.2	*11.2	100.0	56.9
Textiles	36.0	*6.6	39.6	17.8	100.0	94.4
Jewellery	*46.8	**3.8	*33.1	*16.3	100.0	25.0
Furniture-making and wood crafts	54.2	10.6	20.3	14.8	100.0	123.9
Glass crafts	68.6	**8.1	*21.8	**1.5	100.0	21.0
Other craft activities	38.0	*5.9	48.9	*7.2	100.0	127.3
Design	33.5	12.6	23.5	30.3	100.0	349.8
Radio	57.2	*7.5	25.2	*10.1	100.0	90.7
Television	48.6	*15.9	*14.0	21.4	100.0	83.6
Film production	37.0	34.3	**6.8	*21.9	100.0	44.4
Cinema and video distribution	*36.1	**15.0	**10.7	*38.3	100.0	20.1
Interactive content creation	40.4	14.4	25.1	20.1	100.0	233.8
Teaching	32.5	*3.4	51.9	12.2	100.0	164.4
Fete organising	78.8	8.7	11.7	*0.8	100.0	317.5
Festival organising	55.4	16.9	23.2	*4.6	100.0	193.9
Art and craft show organising	63.4	12.4	20.5	*3.7	100.0	122.5
Government arts organisations and agencies	51.4	*14.7	*18.3	*15.6	100.0	28.3

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

(a) Some totals are not presented because data were collected in ranges (see paragraph 16 in the Explanatory Notes).

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

PERSONS INVOLVED, By Selected Activities(a) and Sex

Type of activity	Males	Females	Persons
	'000	'000	'000
.....			
Writing			
Educational books	47.8	41.7	89.6
Other books	22.4	29.0	51.3
Newspapers or magazines	85.3	84.6	169.9
Journals	63.9	40.8	104.7
Film, television or plays	18.8	12.9	31.8
Newsletters	90.9	104.8	195.7
Other	44.8	47.9	92.7
Total(b)	269.8	267.0	536.9
Music, live performer			
Rock or pop	51.9	20.4	72.3
Jazz	29.6	16.4	46.0
Folk or country	24.8	19.0	43.7
Classical	31.0	35.4	66.4
Other music	56.0	50.0	106.0
Total(b)	139.1	95.3	234.4
Singer only	23.4	46.8	70.2
Instrumentalist only	74.9	26.1	101.1
Singer and instrumentalist	40.7	22.4	63.1
Total	139.1	95.3	234.4
Performs in licensed premises only	27.3	*6.6	33.9
Performs in unlicensed premises only	72.8	73.0	145.8
Performs in both licensed and unlicensed premises	39.0	15.7	54.7
Total	139.1	95.3	234.4
Performing arts performer			
Theatre	34.7	38.2	72.9
Opera	26.1	39.6	65.7
Dance	29.1	92.1	121.2
Other	15.5	27.5	43.0
Total(b)	87.8	170.4	258.3
Design			
Architecture	33.2	15.3	48.5
Graphic	85.1	46.4	131.5
Fashion	*6.0	26.8	32.8
Advertising	57.2	52.3	109.4
Other	53.2	38.6	91.9
Total(b)	197.8	152.0	349.8
Teaching			
Radio, television, film or video	*9.8	*7.5	17.3
Music or performing arts	27.6	38.6	66.2
Art or craft	13.8	55.4	69.2
Writing or publishing	13.1	13.2	26.3
Design	12.5	*7.1	19.6
Total(b)	58.8	105.6	164.4

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

- (a) This table shows additional information collected for the five activities shown (see paragraph 17 in the Explanatory Notes).
- (b) Components may not add to totals as some persons were involved in more than one activity.

12

PERSONS WITH ARTS OR CULTURE TRAINING, By Area of Training and Sex

Area of training	Males	Females	Persons	Percentage employed	Percentage involved in a related culture or leisure activity(a)
	'000	'000	'000	%	%
Librarianship	*3.3	12.8	16.2	79.4	72.2
Heritage	*2.4	*4.1	*6.5	*70.4	*35.0
Crafts	47.4	214.5	261.9	63.5	22.6
Drama or dance	32.5	118.5	151.0	72.4	33.2
Film, radio or television	30.6	20.1	50.7	71.4	34.1
Fine arts	62.9	129.7	192.7	60.4	26.7
Design	74.1	70.6	144.8	79.7	39.9
Music	107.2	135.6	242.7	69.4	37.3
Literature	21.5	47.7	69.2	75.1	44.5
Other	69.9	106.0	175.9	72.3	..
Total(b)	385.1	728.0	1 113.1	69.0	(c)39.4

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

.. not applicable

(a) Indicates the percentage of persons with training who were involved in a culture or leisure activity related to the training.

(b) Components may not add to totals as some persons may have undertaken study in more than one area of training.

(c) Excludes persons with 'Other' training as the related culture or leisure activity cannot be determined.

13

PERSONS UNDERTAKING SELECTED ACTIVITIES, By Work and Hobby Activity(a)

Type of activity	WORK(b)		HOBBY ACTIVITY ONLY		PERSONS	
	Number	Percentage	Number	Percentage	Number	Percentage
	'000	%	'000	%	'000	%
Art and craft	789.5	24.9	2 381.4	75.1	3 170.9	100.0
Writing	536.9	62.6	321.2	37.4	858.1	100.0
Music	281.9	73.1	103.9	26.9	385.8	100.0

(a) For hobby activities, data were only collected for art and craft, writing and music activities (see Glossary).

(b) Work includes persons who only undertook paid or unpaid involvements and those who undertook work as well as a hobby activity.

	1993	1997	2001
Type of activity	'000	'000	'000
1993, 1997 and 2001			
Heritage organisations	48.1	46.5	53.7
Public art galleries	28.3	34.4	40.8
Museums	32.6	39.5	48.2
Libraries and archives	85.8	87.7	76.0
Music			
Live performer	198.6	208.8	234.4
No involvement as live performer	32.5	51.5	47.5
Total	231.1	260.3	281.9
Visual art activities			
Drawing	95.4	130.3	124.5
Painting	81.1	129.4	154.1
Sculpture	18.9	38.5	41.0
Photography	76.6	116.7	151.6
Print-making	36.7	34.8	37.1
Total(b)	203.4	313.0	357.0
Craft activities			
Pottery and ceramics	31.2	68.6	56.9
Textiles	95.5	76.2	94.4
Jewellery	19.0	21.6	25.0
Furniture-making and wood crafts	44.6	88.5	123.9
Glass crafts	7.4	21.2	21.0
Total(b)	178.7	248.1	287.7
Radio	65.4	84.6	90.7
Television	38.3	56.7	83.6
Film, cinema or video	82.4	77.4	61.3
Fete and festival organising	441.8	562.9	491.0
Art and craft show organising	134.0	144.8	122.5
Government arts organisations and agencies	69.6	41.1	28.3
Total(b)(c)	1 217.9	1 510.5	1 527.0
1997 and 2001			
Zoos and aquaria	na	19.6	14.1
Botanic gardens	na	8.4	23.8
Writing	na	542.8	536.9
Publishing	na	113.7	152.0
Teaching	na	208.7	154.5
Craft activities			
Other craft activities	na	95.8	127.3
Design			
Graphic	na	105.8	131.5
Fashion	na	33.1	32.8
Total(b)(d)	na	2 017.4	2 064.5

na not available

- (a) Certain activities were excluded from this table due to conceptual differences between data collected in 1993, 1997 and 2001. These differences are discussed in paragraphs 21 to 30 of the Explanatory Notes.
- (b) Components may not add to totals as some persons were involved in more than one activity.
- (c) Comprises persons whose involvement was in activities that were comparable between 1993, 1997 and 2001. Those activities which were excluded are listed in paragraph 19 of the Explanatory Notes.
- (d) Comprises persons whose involvement was in activities that were comparable between 1997 and 2001. Those activities which were excluded are listed in paragraph 19 of the Explanatory Notes.

PERSONS INVOLVED(a), By Payment Status and State and Territory—1993, 1997 and 2001

State and Territory	NUMBER			PARTICIPATION RATE		
	1993	1997	2001	1993	1997	2001
	'000	'000	'000	%	%	%
.....						
SOME PAID INVOLVEMENT						
New South Wales	99.4	148.3	167.2	2.2	3.0	3.3
Victoria	103.4	102.7	120.0	3.0	2.8	3.2
Queensland	74.9	77.5	97.5	3.2	2.9	3.5
South Australia	35.1	44.7	43.5	3.0	3.8	3.7
Western Australia	39.8	46.5	60.3	3.1	3.4	4.1
Tasmania	11.5	13.7	12.6	3.2	3.7	3.5
Northern Territory(b)	6.4	4.9	6.1	5.7	4.7	5.5
Australian Capital Territory	14.1	13.9	18.5	6.2	5.9	7.8
Australia	384.5	452.2	525.7	2.8	3.1	3.5
.....						
UNPAID INVOLVEMENT ONLY						
New South Wales	252.2	331.6	287.2	5.5	6.8	5.7
Victoria	213.1	259.1	265.1	6.1	7.2	7.0
Queensland	155.8	198.9	206.6	6.6	7.6	7.5
South Australia	79.0	109.6	87.7	6.9	9.3	7.4
Western Australia	77.4	94.0	95.2	6.0	6.8	6.5
Tasmania	22.8	29.7	28.8	6.4	8.0	7.9
Northern Territory(b)	7.3	8.2	6.9	6.4	7.9	6.2
Australian Capital Territory	25.7	27.1	23.9	11.3	11.6	10.1
Australia	833.4	1 058.3	1 001.4	6.1	7.3	6.7
.....						
TOTAL						
New South Wales	351.6	479.9	454.4	7.6	9.8	9.0
Victoria	316.5	361.9	385.1	9.1	10.0	10.2
Queensland	230.7	276.4	304.1	9.8	10.5	11.0
South Australia	114.1	154.4	131.2	9.9	13.1	11.1
Western Australia	117.2	140.5	155.5	9.0	10.1	10.6
Tasmania	34.2	43.5	41.4	9.7	11.8	11.4
Northern Territory(b)	13.7	13.0	13.0	12.1	12.7	11.7
Australian Capital Territory	39.8	41.0	42.4	17.5	17.5	18.0
Australia	1 217.9	1 510.5	1 527.0	9.0	10.5	10.2

(a) Certain activities were excluded from this table due to conceptual differences between data collected in 1993, 1997 and 2001. These activities are listed in paragraph 19 of the Explanatory Notes. Conceptual differences between data are discussed in paragraphs 21 to 30 of the Explanatory Notes.

(b) Refers to mainly urban areas only.

EXPLANATORY NOTES

INTRODUCTION

1 This publication presents results from the Survey of Work in Selected Culture and Leisure Activities, which was conducted as part of the April 2001 Monthly Population Survey. It contains estimates of the number of persons who were involved in selected culture and leisure activities classified by type of activity. It also provides details on the characteristics of persons involved, the nature of work (whether paid or unpaid) and whether involvement was part of their main job. These work involvements exclude those activities undertaken only for a person's own or family use—these activities were classed as hobbies. The numbers of persons undertaking selected hobbies, namely art and craft, writing and music, are shown in table 13.

SCOPE

Geographical areas

2 The survey was conducted in both rural and urban areas in all States and Territories of Australia.

3 It excluded persons living in remote and sparsely settled parts of Australia. The exclusion of these persons will only have a minor impact on any aggregate estimates that are produced for individual States and Territories, with the exception of the Northern Territory where such persons account for about 20% of the population.

Dwellings

4 The survey covered only private dwellings (e.g. houses, flats and home units). Excluded were non-private dwellings such as hotels, motels, hostels, hospitals, boarding schools, educational and religious institutions, reformatories and caravan parks.

Persons

5 The survey included all persons aged 15 years and over who were usual residents of private dwellings except:

- members of the Australian permanent defence forces;
- certain diplomatic personnel of overseas governments, customarily excluded from censuses and surveys;
- overseas residents in Australia; and
- members of non-Australian defence forces (and their dependants) stationed in Australia.

COVERAGE

6 In the Monthly Population Survey, coverage rules were applied which aimed to ensure that each person was associated with only one dwelling, and hence had only one chance of selection. See *Labour Force, Australia* (Cat. no. 6203.0) for more details.

METHODOLOGY

7 The survey was conducted using a sub-sample of the Monthly Population Survey sample. The Monthly Population Survey, which is described in *Labour Force, Australia* (Cat. no. 6203.0), comprises the monthly labour force topic and supplementary topics. The household sample for the Monthly Population Survey was selected using multi-stage sampling techniques and included approximately 30,000 private dwellings. Information relating to involvements in selected culture and leisure activities was collected from seven-eighths of the private dwellings selected for the Monthly Population Survey. Information was obtained from any responsible adult in the household who was asked to respond on behalf of one randomly selected person aged 15 years and over in the household. About 80% of the interviews were conducted by telephone with the remainder being face-to-face interviews.

RELIABILITY OF THE ESTIMATES

8 The estimates provided in this publication are subject to two types of error: sampling error and non-sampling error.

EXPLANATORY NOTES *continued*

Sampling error

9 Sampling error occurs because a sample rather than the entire population is surveyed. One measure of the likely difference resulting from not including all dwellings in the survey is given by the standard error (SE). Further information together with details of the sampling error for different estimate sizes is given in the Technical Note.

Non-sampling error

10 Non-sampling error arises from inaccuracies in collecting, recording and processing data. These errors arise regardless of whether a collection is a survey or a census. They include:

- inability to obtain comprehensive data from all persons included in the sample (i.e. non-response). These errors arise because differences may exist between the characteristics of respondents and non-respondents;
- errors in reporting on the part of both the respondent and the interviewer. These errors may arise due to the inappropriate wording of questions, misunderstanding of what data are required, inability or unwillingness to provide accurate information and answers that are based on memory; and
- errors arising during the processing of the survey data. These processing errors may arise through mistakes in coding and data recording.

11 Every effort is made to minimise non-sampling errors. In particular, the effects of reporting and processing errors described above were minimised by careful questionnaire design, intensive training and supervision of interviewers and extensive editing and quality control checking at all stages of data processing.

DATA INTERPRETATION

12 Work by a person in an individual activity was only recorded once, even if there were different periods over which that activity was undertaken or if there were several different organisations for which the person worked in that activity during the 12 months prior to interview. For example, a person who worked in different libraries was recorded only once as being involved in libraries.

13 Payment status was classified into two categories, namely, some paid involvement and unpaid involvement only. Where persons were involved in more than one of the selected activities of the survey, the payment status for all culture and leisure activities (as presented in tables 1, 2, 4, 6 and 15) was determined by considering all of those activities combined. For example, the payment status of a person who was paid for their activity in libraries and unpaid for their involvement in museums would be classified as having some paid involvement in culture and leisure activities.

14 Paid culture or leisure activity as presented in table 4 was classified into two categories: part of main job and not part of main job. Persons involved in more than one type of paid culture or leisure activity were classified to 'part of main job' if one of their activities fulfilled this criterion.

15 Several activities (e.g. heritage organisations, public art galleries) were excluded from tables 7 and 9 due to the estimates having relative standard errors greater than 50%. These estimates are considered too unreliable for general use.

16 Some totals for tables 9 and 10 are not presented as some of the data for these tables were collected in ranges, which do not permit certain totals to be calculated. For example, if a person was involved in both photography and computer art and indicated that their income from each activity was less than \$5,000 in the 12-month period, it is not possible to determine if the combined income from both activities was more than \$5,000 or less than \$5,000.

17 Additional information on certain activities—namely, writing, live music performances, performing art performances, design and teaching—was collected and has been provided in table 11.

EXPLANATORY NOTES *continued*

DATA INTERPRETATION *continued*

18 Of the 37 activities for which data were collected, 29 could be matched to the nine areas of training presented in table 12. The table below lists the 29 activities and their corresponding areas of training. The eight culture or leisure activities not shown in this table did not directly correspond to any of the areas of training. Involvement in a related culture or leisure activity for persons with 'Other' training also could not be determined.

<i>Type of activity</i>	<i>Area of training</i>
Libraries and archives	Librarianship
Public art galleries, museums	Heritage
Crafts (pottery and ceramics, textiles, jewellery, furniture-making and wood crafts, glass crafts, other craft activities)	Crafts
Performing arts (performer and non-performer)	Drama or dance
Film production, radio, television, cinema and video distribution, interactive content creation	Film, radio or TV
Visual arts (drawing, painting, sculpture, photography, print-making, computer art, other visual art activities)	Fine arts
Design activities	Design
Music (live performer and non-live performer)	Music
Writing, publishing	Literature

19 Several activities were excluded from tables 14 and 15 due to conceptual differences between data collected in 1993, 1997 and 2001. The activities which were excluded from the comparison of the 1993, 1997 and 2001 surveys are: zoos and aquaria; national parks and reserves; botanic gardens; writing; publishing; performing arts (performers and non-performers); some visual art activities (electronic art/computer art and other art activities); some craft activities (other craft activities); all design activities; interactive content creation; and teaching culture and leisure activities. In table 14, the only activities which were excluded from the comparison of the 1997 and 2001 surveys were: national parks and reserves; performing arts (performers and non-performers); some visual art activities (electronic art/computer art and other art activities); some design activities (architecture, advertising, other design activities); and interactive content creation. Conceptual differences between data are discussed in paragraphs 21 to 30 of this section.

20 The ordering of the culture and leisure activities in tables 5 to 10 and 14 correspond to the ordering shown in the industry classification of the *Australian Culture and Leisure Classifications, 2001* (Cat. no. 4902.0).

COMPARISON WITH PREVIOUS DATA

21 The Survey of Work in Selected Culture and Leisure Activities was previously conducted in 1993, 1997 and 1998–99. Due to changes in the methodology and the questionnaire, caution should be exercised when making comparisons between these surveys.

22 In particular, as the 1998–99 data were collected using a different survey methodology and scope than the data collected for this publication, the context within which the 1998–99 questions were answered differed significantly. Consequently, comparisons with the 1998–99 data are not recommended and are not presented in this publication.

23 The 1993 survey was conducted as part of the Monthly Population Survey. Information was obtained for every person aged 15 years and over in the

EXPLANATORY NOTES *continued*

COMPARISON WITH PREVIOUS DATA *continued*

household using face-to-face interviewing techniques. This information was obtained from a responsible adult who answered on behalf of the other members of the household. Respondents were shown a list of the selected culture and leisure activities on prompt cards, and asked to select which activities they had been involved in over the previous 12 months.

24 The 1997 survey was also conducted as part of the Monthly Population Survey; however, the methodology changed to include, where appropriate, personal telephone interviewing. Information was obtained from two persons aged 15 years and over in each household. Respondents were asked if they had been involved in any culture or leisure activities in the previous 12 months, with the interviewer reading out the selected activities over the phone as prompts.

25 The 2001 survey was also conducted as part of the Monthly Population Survey using, where appropriate, personal telephone interviewing. Information was obtained from a responsible adult who answered on behalf of one randomly selected person aged 15 years and over in each household. Respondents were asked if they had been involved in any culture or leisure activities in the previous 12 months, with the interviewer reading out the selected activities over the phone as prompts.

26 The 1993, 1997 and 2001 methodologies are considered sufficiently similar for reliable comparisons to be made.

27 There have also been changes to the questionnaires which would have had an effect on the estimates for some activities. For some art and craft activities, changes in the questions may have resulted in an increase in the numbers reporting involvement in the 2001 survey. For involvement in the performing arts, greater detail was provided to respondents in the 2001 survey on the types of activities that should be included. This may have resulted in more persons reporting involvement. Other changes to the questionnaires are listed in paragraphs 28 and 30.

28 The following activities were introduced in the 1997 survey: botanic gardens; animal and marine parks; and electronic art. The design of multimedia titles was also separately identified as a form of design. While combined in 1993, involvement in writing and publishing were separately identified in 1997 and 2001, possibly resulting in more persons reporting they had some involvement in writing in the latter years. Similarly, involvement in the teaching of writing and publishing were separately identified in 1997 and 2001 which could have increased the number of persons who reported being involved in teaching in those years.

29 The following three activities were introduced in the 2001 survey: national parks and reserves; computer art; and interactive content creation, which included design of web sites, computer games and other interactive software. Further to these additional activities, in 2001, respondents were asked if they had done any work in either architecture or advertising. If they had, they were classified as having an involvement in design. Architecture and advertising were not separately identified design activities in 1993 or 1997, possibly resulting in a lower number of persons being reported as involved in design for those years. Design of multimedia titles was not separately identified as a form of design in 2001 (while it was in 1997). Electronic art was not included in the 2001 survey, and animal and marine parks were called zoos and aquaria.

30 While caution should be exercised in making comparisons between the surveys due to the changes outlined above, summary data from the 1993, 1997 and 2001 surveys can be found in tables 14 and 15.

EXPLANATORY NOTES *continued*

FURTHER INFORMATION

31 In addition to data in this publication, there is a range of other characteristics by which persons involved in the selected culture or leisure activities can be cross-classified. These include marital status and the composition of the household in which respondents live. Full details on the availability of these and other unpublished variables can be obtained by telephoning Andrea Richardson on Adelaide 08 8237 7379.

ACKNOWLEDGMENT

32 Australian Bureau of Statistics publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated; without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

RELATED PUBLICATIONS

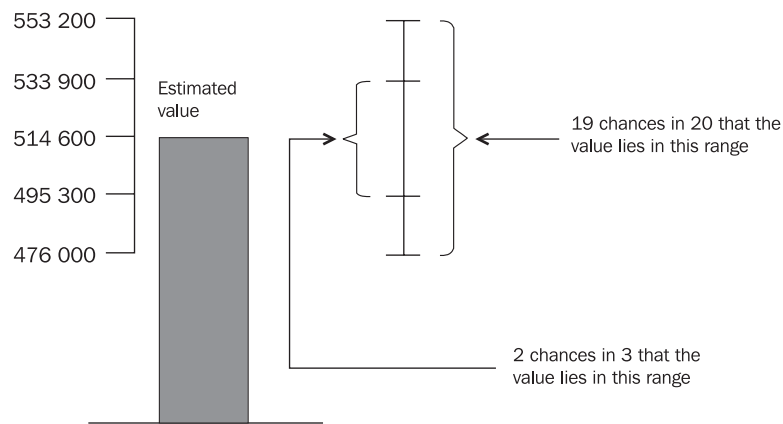
33 Other ABS publications with information on work in culture and leisure activities include:

- Australian Social Trends, 1999* (Cat. no. 4102.0)
- Botanic Gardens, Australia, 1999–2000* (Cat. no. 8563.0)
- Business of Music, Australia, 1995–96* (Cat. no. 4143.0)
- Commercial Art Galleries, Australia, 1999–2000* (Cat. no. 8651.0)
- Cultural Trends in Australia: A Statistical Overview* (Cat. no. 4172.0)
- Employment in Selected Culture/Leisure Occupations, Australia, 1996*
(Cat. no. 6273.0)
- Film and Video Production and Distribution, Australia, 1999–2000*
(Cat. no. 8679.0)
- Motion Picture Exhibition, Australia, 1999–2000* (Cat. no. 8654.0)
- Museums, Australia, 1999–2000* (Cat. no. 8560.0)
- Performing Arts Industries, Australia, 1999–2000* (Cat. no. 8697.0)
- Public Libraries, Australia, 1999–2000* (Cat. no. 8561.0)
- Television Services, Australia, 1999–2000* (Cat. no. 8559.0)
- Video Hire Industry, Australia, 1999–2000* (Cat. no. 8562.0)
- Voluntary Work, Australia, 2000* (Cat. no. 4441.0).

STANDARD ERRORS

1 Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability; that is, they may differ from those that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about 2 chances in 3 (67%) that a sample estimate will vary by less than one SE from the number that would have been obtained if all dwellings had been included, and about 19 chances in 20 (95%) that the difference will be less than two SEs.

2 The following is an example of the calculation and the use of SEs in relation to estimates of persons. From table 3 an estimated 514,600 persons aged between 25 and 34 years were involved in a culture or leisure activity during the 12 months prior to interview. Referring to the table of SEs (table T1), an estimate of 514,600 has an SE of approximately 19,300 persons. This SE is calculated by finding the estimate in column 1 that falls immediately below 514,600 (500,000) and immediately above 514,600 (800,000) and then finding the corresponding SEs in column 10 (19,100 and 24,200 respectively). The SE is then calculated as $19,100 + ((24,200 - 19,100) \times (514,600 - 500,000) / (800,000 - 500,000)) = 19,348$ and then rounded to the nearest hundred, i.e. 19,300. There are about 2 chances in 3 that the number that would have been produced if all dwellings had been included in the survey was between 495,300 and 533,900 (i.e. 514,600 plus or minus 19,300). There are about 19 chances in 20 that the number lies between 476,000 and 553,200 (i.e. 514,600 plus or minus 38,600). This example is illustrated below:



RELATIVE STANDARD ERRORS

3 Another measure of the likely difference is the relative standard error (RSE) which is obtained by expressing the SE as a percentage of the estimate. The RSE is a useful measure in that it provides an indication of the relative accuracy of the estimate.

4 Proportions and percentages formed from the ratio of two related estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. A formula to approximate the RSE of a proportion is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

5 The following is an example of the calculation and the use of RSEs in relation to estimates of percentages. From table 11, of the 536,900 persons aged 15 years and over involved in writing during the 12-month period, 104,700 (a percentage of 19.5%) wrote for journals. The SE of 536,900 is approximately

RELATIVE STANDARD ERRORS
continued

19,700, so the RSE is approximately $19,700/536,900 \times 100 = 3.7\%$. The SE of 104,700 is approximately 8,600, so the RSE is approximately $8,600/104,700 \times 100 = 8.2\%$. Applying the above formula, the RSE of the percentage of writers who wrote for journals (19.5%) is $\sqrt{(8.2)^2 - (3.7)^2}$ or 7.3%. This then gives an SE of the percentage (19.5%) of $(7.3/100) \times 19.5 = 1.4\%$. Therefore, there are about 2 chances in 3 that the percentage of writers who wrote for journals was between 18.1% and 20.9% and approximately 19 chances in 20 that the percentage was in the range 16.7% to 22.3%.

6 As the SEs in table T1 show, the size of the SE increases with the size of the estimate. However, the smaller the estimate the higher the RSE is. Thus, large estimates will be relatively more reliable than smaller estimates. Very small estimates are subject to such high SEs (relative to the size of the estimate) as to detract from their value for most uses. In the tables in this publication, only estimates with RSEs of less than 25% (and percentages based on such estimates) are considered sufficiently reliable for most purposes. However, estimates and percentages with RSEs between 25% and 50% have been included and are preceded by an asterisk (e.g. *2.8) to indicate that they should be treated with caution and viewed as being merely indicative of the magnitude involved. Estimates with RSEs greater than 50% are preceded by a double asterisk (e.g. **0.9) and are subject to sampling error too high for most practical purposes.

7 Particular care should be taken when comparing figures. It is not correct to assume that an apparent difference between figures is actually significant. An approximate SE of the difference between two estimates (x-y) may be calculated by the following formula:

$$SE(x-y) = \sqrt{[SE(x)]^2 + [SE(y)]^2}$$

8 While this formula will only be exact for differences between separate and uncorrelated characteristics of sub-populations it is expected to provide a good approximation for all differences likely to be of interest in this publication.

9 Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates should be determined by using tables T1 and T2.

FACTORS

10 Estimates for some activities are less reliable (i.e. have a higher RSE) than others of the same size. For such estimates, tables T1 and T2 underestimate the SEs and RSEs. In these cases more accurate indications of SEs and RSEs can be calculated by adjusting (multiplying) the values in tables T1 and T2 by appropriate factors.

11 For some of the culture or leisure activity estimates the values in tables T1 and T2 are used without adjustment, which is equivalent to using a factor of 1.0. For those estimates which have SEs and RSEs which are 10% higher, values from tables T1 and T2 should be multiplied by a factor of 1.1. Similarly, for estimates that have SEs and RSEs which are 20% higher, values from tables T1 and T2 should be multiplied by a factor of 1.2. The appropriate factors for each activity are:

- libraries and archives, government arts organisations and agencies, zoos and aquaria, interactive content creation, writing: factor 1.0;
- botanic gardens, television, film production, cinema and video distribution, print-making: factor 1.2; and
- remaining activities, including design and performing arts: factor 1.1.

FACTORS *continued*

12 The approximate levels at which these and other estimates have a relative standard error of 25% are shown in table T3.

13 The following is an example of the calculation of standard errors where the use of a factor is required. From table 6 an estimated 210,700 persons received some payment for their work involvement in design. Referring to the table of SEs, an estimate of 210,700 has an SE of approximately 12,000. The factor of 1.1 (see paragraph 11) is applied to the standard error of 12,000 to obtain 13,200. There are 2 chances in 3 that the number that would have been produced if all dwellings had been included in the survey was between 197,500 and 223,900 (i.e. 210,700 plus or minus 13,200). There are about 19 chances in 20 that the number lies between 184,300 and 237,100 (i.e. 210,700 plus or minus 26,400).

T1 STANDARD ERRORS OF ESTIMATES

Size of estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
	no.	no.	no.	no.	no.	no.	no.	no.	no.
500	600	600	600	400	400	400	400	400	500
1 000	900	800	800	600	600	500	500	500	800
2 000	1 200	1 200	1 100	900	900	700	800	700	1 100
5 000	2 000	1 900	1 700	1 400	1 500	1 100	1 300	1 100	1 700
10 000	2 900	2 700	2 400	2 000	2 100	1 400	1 900	1 600	2 500
20 000	4 100	3 800	3 500	2 800	3 000	2 000	2 800	2 100	3 600
50 000	6 600	6 100	5 500	4 300	4 600	3 000	4 600	3 100	5 800
100 000	9 200	8 600	7 800	5 800	6 300	4 000	6 800	4 000	8 400
200 000	12 900	12 100	11 100	7 700	8 400	5 400	10 100	5 100	11 900
500 000	20 000	19 000	17 500	11 000	12 300	8 000	..	6 800	19 100
800 000	24 800	23 800	22 100	13 000	14 800	..	..	..	24 200
1 000 000	27 500	26 600	24 700	14 100	16 100	..	..	..	27 100
1 500 000	33 100	32 300	30 200	16 200	18 700	..	..	..	33 300
2 000 000	37 600	37 200	34 800	..	..	..	..	..	38 500
5 000 000	56 200	57 600	54 700	..	..	..	..	..	60 800

.. not applicable

T2 RELATIVE STANDARD ERRORS OF ESTIMATES

Size of estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
	%	%	%	%	%	%	%	%	%
500	108	110	101	73	80	64	67	63	97
1 000	80	80	73	55	60	45	50	47	71
2 000	59	57	52	41	44	32	37	34	52
5 000	39	37	34	27	29	20	25	22	34
10 000	28	27	24	20	21	14	18	15	25
20 000	20	19	17	14	15	10	14	10	18
50 000	13	12	11	9	9	6	9	6	12
100 000	9	9	8	6	6	4	7	4	8
200 000	6	6	6	4	4	3	5	3	6
500 000	4	4	4	2	2	2	..	1	4
800 000	3	3	3	2	2	..	..	..	3
1 000 000	3	3	3	1	2	..	..	..	3
1 500 000	2	2	2	1	1	..	..	..	2
2 000 000	2	2	2	..	..	..	..	..	2
5 000 000	1	1	1	..	..	..	..	..	1

.. not applicable

TECHNICAL NOTE SAMPLING VARIABILITY *continued*

FACTORS *continued*

T3 SIZE OF ESTIMATES, AT WHICH VARIABLES HAVE A
RELATIVE STANDARD ERROR OF 25%—BY FACTORS

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Factor</i>	no.	no.	no.	no.	no.	no.	no.	no.	no.
1.0	13 000	11 200	9 200	6 000	6 800	3 300	4 900	3 800	9 700
1.1	15 900	13 700	11 200	7 400	8 300	3 900	6 100	4 600	11 900
1.2	19 000	16 300	13 400	8 800	9 900	4 600	7 400	5 500	14 300

GLOSSARY

- Activities** Involvements in the various culture and leisure activities included in the survey are defined below.
- Art or craft.* Persons were classified as being involved in the creation of art or craft works only if some or all of the products made were sold or given to others (other than to the creator's own family) or publicly displayed. Art or craft involvement was categorised into the following groups:
- Visual art activities:* drawing, painting, sculpture, photography, print-making, computer art, and other art activities; and
 - Craft activities:* pottery or ceramics, textiles, jewellery, furniture-making or woodcrafts, glass crafts, and other craft activities.
- Art and craft show organising.* This activity involves organising art and craft shows or exhibitions irrespective of size (e.g. local, school, community, professional).
- Public art galleries.* This comprises those persons involved in the operation or administration of a public art gallery (e.g. State or National galleries). It includes those persons working as support staff. Public art galleries are sometimes referred to as art museums.
- Botanic gardens.* This comprises those persons involved in the operation or administration of a botanic garden, and includes those persons working as support staff.
- Cinema and video distribution.* This includes involvement in any capacity in cinemas, video hire outlets and video sales, and includes persons working as support staff. Persons involved in distributing or screening films are also included. Video producers and script writers are included in other culture and leisure activities (e.g. film production, writing).
- Computer art.* This comprises visual art created using a computer.
- Design.* This activity includes involvement in design professions (e.g. fashion, interior, graphic, architectural or advertising), but excludes industry design and drafting.
- Drawing.* This activity includes sketching, cartoons, calligraphy and other forms of drawing but excludes technical drawing (e.g. drafting). Architectural drawing is included under design.
- Festival organising.* This activity relates to organising any type of festival (e.g. ethnic, music, parade). Performers at festivals are included in other culture and leisure activities (e.g. music, performing arts).
- Fete organising.* This activity relates to organising any type of fete (e.g. local, school, community). Assisting with the operation of a stall was outside the scope of the survey.
- Film production.* This includes involvement in any capacity in the production or making of films or videos. Actors, producers, designers, camera operators, directors and support staff involved in the production or making of films are included in this category. Persons involved in distributing or screening films are excluded from this category and included with cinema and video. It also excludes script writers, who would be included in writing.
- Furniture-making and wood crafts.* This activity includes wood carving, woodwork, inlaid woodwork, and furniture-making of individually crafted, rather than factory made, products. Wood sculpture is included with sculpture.
- Glass crafts.* This activity includes all glass objects made by an artist or craftsperson such as lead-lighting, glass blowing and moulding.
- Government arts organisations and agencies.* This includes persons working for a government or public body set up for the support or administration of arts

GLOSSARY *continued*

- Activities *continued*** activities (e.g. the Australia Council, State Arts departments, Government regulatory authorities, arts centres and trusts). It includes those persons working as support staff.
- Heritage organisations.* This includes involvement in the recording, preservation, management or operation of Aboriginal and/or historic environments (e.g. historic sites, monuments), or in a heritage organisation or association in any capacity. It includes those persons working as support staff. Members of National Trusts were included if they had undertaken any heritage activity apart from membership. Persons being paid to renovate heritage buildings (e.g. carpenters, tilers) were excluded, although voluntary renovation of a heritage building or site was included.
- Interactive content creation.* This activity includes designing web sites, designing products intended for use on a computer or cartridge games machine, including interactive educational games, information 'kiosks' in museums and electronic books containing film, sound or animated components.
- Jewellery.* This activity includes all jewellery made by an artist or craftsman from any material.
- Libraries and archives.* This includes any operation or administration of a library (including school libraries) or archive. It includes those persons working as support staff.
- Museums.* This includes any involvement in the operation or administration of a commercial or non-commercial museum including science, maritime and natural history museums and historical theme parks. It includes tour guides, curators and conservators, as well as support staff.
- Music.* This comprises involvement in any music capacity including playing, singing, music arranging, composing, songwriting, sound engineering, recording or publishing music and in support roles for musicians or ensembles. Performing on stage in music theatre was excluded from this category, and included as performing arts performances. Booking agency operation was also excluded. Music as a live performer includes playing musical instruments, conducting or singing in front of an audience.
- National parks and reserves.* This includes involvement in fauna and flora reserves, national parks and reserves, tourist caves and wildlife sanctuaries. It includes those persons working as support staff.
- Other art activities.* This comprises those art activities that do not fit into any of the listed art categories. It includes activities such as performance art, leather art, photocopy art and paper art.
- Other craft activities.* This comprises those craft activities that do not fit into any of the listed craft categories. It includes activities such as metal craft and decoupage.
- Painting.* This activity includes painting on any material. It includes murals, frescoes, graffiti art and china painting.
- Performing arts.* This comprises any type of involvement in theatre, dance, opera and music theatre, and other performing arts other than performances of music. It includes acting and performing, directing, producing, and choreographing performances. It also includes backstage work on activities such as applying make-up, costume making and set constructing, as well as involvement as stage hands, sound and lighting technicians, front of house personnel and other support staff. Involvement in school plays and other school-related performances such as rock eisteddfods has been excluded. Performing arts performances include any involvement in performing arts as an actor or performer in front of an

GLOSSARY *continued*

Activities *continued*

audience regardless of whether there was involvement also in performing arts in another capacity (e.g. backstage, directing).

Photography. This activity includes commercial, industrial, advertising, fashion, portrait and wedding photography. It excludes photographic modelling, processing or developing of film, retailing photographic equipment and supplies, and aerial photography.

Pottery and ceramics. This activity includes the production of individually created clay works made by or under the control of an artist or craftsperson.

Print-making. This activity includes all types of print-making such as silk-screen lithography, wood-cut etc. Fabric printing is included with textiles.

Publishing. This activity includes persons involved in publishing written material, including works of fiction and non-fiction. It includes support staff working for publishers. It excludes printing of written material, design activities and music publishing.

Radio. This includes involvement in any capacity (e.g. producers, announcers, radio journalists, sound technicians, administrative and support staff of radio stations) in the production, programming and operation of radio broadcasting services. Persons involved in script writing or making recordings to play on radio who are not employed by or working voluntarily for a radio station are included under writing.

Sculpture. This activity includes the formation of figures or designs by cutting marble, wood, granite, etc., or by fashioning plastic material, making moulds etc.

Teaching. This activity includes involvement in the teaching of any aspects of radio, television, film, video, music, performing arts, visual arts, crafts, writing, publishing and design. It includes dance and drama instruction, music teaching, lecturing, work shop leading and hobby class teaching. Any involvement as a primary or secondary school teacher was outside of the scope of the survey.

Television. This includes involvement in any capacity in the production, programming and operation of television broadcasting services and includes support staff. Participation in making in-house television programs in any capacity (e.g. announcers, producers, props, camera operation or directing, and support staff) are included in this category. Persons making films or videos that will be played on television (including commercials) who are not employed by or working voluntarily for a television station have been excluded from this category but are included in the film production category.

Textiles. This activity includes weaving, knitting, embroidery, sewing, patchwork, macrame, quilting, spinning, lace making and fabric painting. It excludes factory made products, and those that were only undertaken for the respondent's own or family use.

Writing. This covers the writing of works of fiction and non-fiction and includes: writing novels, textbooks, short stories, poetry, plays, scripts, lyrics, screenplays, biographies and newsletters; copy writing, journalism and editing of written material; and writing articles for journals, magazines, technical writing, etc. Persons whose only writing involvement is letter writing (e.g. letters to the editor) are excluded from this category. Writing for own or family use was classed as a hobby.

Zoos and aquaria. This includes the operation or administration of an animal or marine park, such as zoos, reptile parks and wildlife sanctuaries. It includes persons working as support staff.

GLOSSARY *continued*

Annual income	This is the gross income (i.e. income before tax and expenses are deducted) received or expected to be received from the person's involvement in the activity during the 12 months before interview.
Birthplace	Birthplace is classified according to the <i>Standard Australian Classification of Countries</i> (SACC) (Cat. no. 1269.0).
Capital cities	The areas determining the six State capital cities are the Statistical Divisions for those capital cities as defined in <i>Australian Standard Geographical Classification (ASGC)</i> (Cat. no. 1216.0).
Employed	Employed persons are those aged 15 years and over who, during the week prior to interview: <ul style="list-style-type: none">■ worked for one hour or more for pay, profit, commission or payment in-kind in a job or business, or on a farm (comprising employees, employers and own account workers); or■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or■ were employees who had a job but were not at work and were: away from work for less than four weeks up to the end of the week prior to interview; away from work for more than four weeks up to the end of the week prior to interview and received pay for some or all of the four week period prior to interview; away from work as a standard work or shift arrangement; on strike or locked out; on worker's compensation and expected to return to their job; or■ were employers or own account workers who had a job, business or farm, but were not at work.
Employed full time	These are employed persons who usually worked 35 hours or more a week (in all jobs) and those who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.
Employed part time	These are employed persons who usually worked less than 35 hours a week (in all jobs) and either did so during the reference week, or were not at work in the reference week.
Hobby	Hobby activities are those for which all participation in art or craft, writing or music was either for the person's own or family use.
Involvement	A person is classified as having involvement in a cultural and leisure activity if they had any participation, paid or unpaid, in any one of the activities in the survey and some, or all, of that participation was not for the person's own or family use (i.e. was not a hobby activity). Refer also to Work in selected culture and leisure activities and Hobby.
Labour force status	This is a classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force.
Main English speaking countries	These countries comprise the United Kingdom, Ireland, New Zealand, Canada, the United States of America and South Africa.
Main job	Where a person has more than one job, the main job was defined as that in which the person worked the most hours. It does not apply to persons who were unemployed or not in the labour force.
Not in the labour force	These are persons who were not in the categories employed or unemployed as defined.
Number of weeks of involvement	This refers to the weeks in which the person was involved, whether it was for one hour during the week or full time.
Paid involvement	This includes a person's involvement for which payment had already been received as well as a person's involvement where payment had not yet been

GLOSSARY *continued*

Paid involvement <i>continued</i>	received but was expected. This can include involvement where creators have been guaranteed payment on completion of their work, exhibits or artworks that may or may not be sold and writing that has not yet been accepted for publication. Payment also includes payment in-kind, such as the provision of goods and services, and discounts on purchases.
Participation rate	For any group, this is the number of persons involved in the selected cultural or leisure activities, expressed as a percentage of the civilian population in the same group.
Payment in-kind	This comprises any non-monetary payment received for the person's involvement. It includes the provision of goods and services, discounts on purchases, and reductions in, or waiving of, subscription or membership fees.
Rest of State	This comprises the whole of Australia less the six State capital cities, as defined in <i>Australian Standard Geographical Classification (ASGC)</i> (Cat. no. 1216.0).
Some paid involvement	This category includes all persons who received financial or in-kind payment for their involvement, regardless of whether or not they had some unpaid involvement.
Support staff	Support staff comprise those persons performing tasks such as administration, sales and maintenance. It includes occupations such as receptionists, clerks, salespersons, ticket sellers, ushers, cleaners, gardeners and security guards.
Training	For this survey, training was defined as completing a course or any other qualification in an art or cultural field relevant to the activities included in the survey, regardless of the length of the course or the type of institution offering the course. The study could include attendance at workshops, training seminars, in-house training provided by employers, etc.
Unemployed	Unemployed persons are those aged 15 years and over who were not employed during the week prior to interview and: <ul style="list-style-type: none">■ had actively looked for full-time or part-time work at any time in the four weeks up to the end of the week prior to interview; and■ were available for work in the week prior to interview or were waiting to start a new job within four weeks from the end of the week prior to interview and could have started in the week prior to interview if the job had been available then.
Unpaid involvement only	This category comprises all persons who received no financial nor in-kind payment for their involvement.
Work in selected culture and leisure activities	This consists of any participation, paid or unpaid, in any of the selected culture and leisure activities included in the survey, excluding involvement only as a hobby. Refer also to Involvement and Hobby.

<i>INTERNET</i>	www.abs.gov.au the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
<i>LIBRARY</i>	A range of ABS publications is available from public and tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.
<i>CPI INFOLINE</i>	For current and historical Consumer Price Index data, call 1902 981 074 (call cost 75c per minute).
<i>DIAL-A-STATISTIC</i>	For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 75c per minute).

INFORMATION SERVICE

Data that is already published and can be provided within five minutes is free of charge. Our information consultants can also help you to access the full range of ABS information—ABS user pays services can be tailored to your needs, time frame and budget. Publications may be purchased. Specialists are on hand to help you with analytical or methodological advice.

<i>PHONE</i>	1300 135 070
<i>EMAIL</i>	client.services@abs.gov.au
<i>FAX</i>	1300 135 211
<i>POST</i>	Client Services, ABS, GPO BOX 796, Sydney NSW 1041

WHY NOT SUBSCRIBE ?

ABS subscription services provide regular, convenient and prompt deliveries of ABS publications and products as they are released. Email delivery of monthly and quarterly publications is available.

<i>PHONE</i>	1300 366 323
<i>EMAIL</i>	subscriptions@abs.gov.au
<i>FAX</i>	03 9615 7848
<i>POST</i>	Subscription Services, ABS, GPO BOX 2796Y, Melbourne Vic 3001



2628100004018

ISBN 0 642 47728 0

RRP \$21.00

© Commonwealth of Australia 2001

Produced by the Australian Bureau of Statistics