

ATTENDANCE AT SELECTED CULTURAL VENUES AND EVENTS

AUSTRALIA

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I N Q U I R I E S

For further information
about these and related
statistics, contact the
National Information and
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ABOUT THIS PUBLICATION

This publication presents results from the 2009–10 Multipurpose Household Survey (MPHS) on the attendance of people aged 15 years and over at selected cultural venues and events. The survey collected data about the demographic characteristics of those who attended the surveyed venues and events and their frequency of attendance during the 12 month period prior to interview.

Information on this topic was previously collected in the 2005–06 MPHS, in the General Social Survey (GSS) in 2002 and 2006, as well as in the Survey of Attendance at Selected Culture/Leisure Venues which was collected as a supplementary survey to the Monthly Population Survey (MPS) in April 1999, March 1995 and June 1991. Data for the April 1999 MPS and the 2005–06 MPHS are included for comparative purposes. However, care should be taken when comparing results from these surveys, as the methodology differed and this may affect the validity of comparisons. See paragraphs 23 to 25 of the Explanatory Notes for further information.

Information on the concepts, methods and definitions used in the survey, reliability of the results, definitions and interpretation are included in the Explanatory Notes, Technical Note and Glossary. Unless otherwise specified, differences between data items highlighted in the Summary of Findings are statistically significant (refer to paragraphs 11–13 of the Technical Note). The tables in this publication are also available at the state level in Excel spreadsheet format from the ABS website <www.abs.gov.au>.

ROUNDING

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

MORE INFORMATION ON ABS CULTURE AND RECREATION STATISTICS

Information about Australian Bureau of Statistics (ABS) activities in the field of arts and culture statistics is available from the Culture and Recreation topic page on the ABS web site. To access the topic page, select 'People' under the 'Topics @ a Glance' heading on the home page, and then select 'Culture and Recreation' from the 'People' menu. Details of other ABS publications containing data on attendance at cultural venues and events in Australia can be found in paragraphs 30–31 of the Explanatory Notes.

Brian Pink
Australian Statistician

SUMMARY OF FINDINGS

SUMMARY

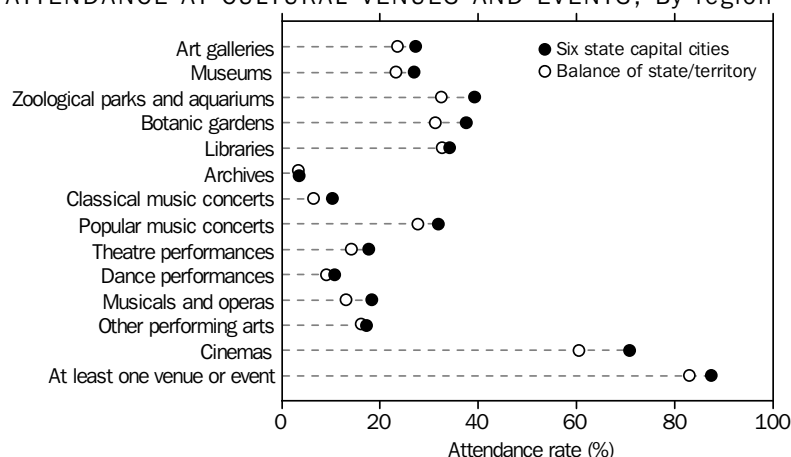
During the 12 months before interview in 2009–10, 15.0 million or 86% of the Australian population aged 15 years and over (17.5 million) attended at least one of the cultural venues and events asked about in the survey. The highest attendance rates were at cinemas (67% of people aged 15 years and over), zoological parks and aquariums (37%), botanic gardens (35%) and libraries (34%) (Table 1).

AREA OF RESIDENCE

Residents in the Australian Capital Territory recorded the highest attendance rates at cinemas (76%), art galleries (46%) and classical music concerts (14%). Northern Territory residents had the highest attendance rate for zoological parks and aquariums (53%) (Table 1).

Attendance rates for people living in the six state capital cities were generally higher when compared with people living in the balance of state/territory. The largest differences were for people attending cinemas (71% and 61% respectively), botanic gardens (38% and 31% respectively) and zoological parks and aquariums (39% and 33% respectively) (Table 2).

ATTENDANCE AT CULTURAL VENUES AND EVENTS, By region



AGE AND SEX

People aged 15–17 years were the most likely to attend at least one of the cultural venues and events included in the survey, with an attendance rate of 97%. Attendance rates at at least one cultural venue or event decreased with age with the lowest attendance rate (64%) recorded for those aged 75 years and over. Attendance rates for females were significantly higher than for males at all cultural venues and events excluding archives, where the attendance rates were similar. The venue with the highest attendance rate for both females and males was cinemas (70% and 64% respectively) (Table 3).

SUMMARY OF FINDINGS *continued*

AGE AND SEX *continued*

ATTENDANCE RATES AT CULTURAL VENUES AND EVENTS(a), By age and sex

Age group (years)	ATTENDANCE RATE (%)		
	Males	Females	Persons
15–17	94.0	99.4	96.5
18–24	91.7	94.4	93.0
25–34	89.7	94.0	91.8
35–44	87.8	92.0	89.9
45–54	81.9	87.1	84.6
55–64	77.7	85.7	81.7
65–74	71.0	79.2	75.3
75 and over	60.8	67.4	64.4
<i>Total</i>	83.3	88.2	85.8

(a) At the 13 selected venues and events included in the survey.

HOUSEHOLD COMPOSITION

Attendance at cultural venues and events is associated with a person's age and the composition of the household in which they live. People in households with dependent children recorded the highest attendance rates at zoological parks and aquariums (48% for couple families and 41% for one-parent families) and cinemas (75% for couple families and 78% for one-parent families). In contrast, people in couple only or lone person households recorded the highest attendance rate for classical music concerts (11% for both) (Table 4).

COUNTRY OF BIRTH

People born overseas in a main English-speaking country were most likely to attend at least one venue or event (91%), followed by people born in Australia (87%). Those born in other countries were least likely to attend at least one venue or event (78%) (Table 5).

LABOUR FORCE STATUS

Employed people had significantly higher attendance rates compared to unemployed people at art galleries (28% and 23% respectively), zoological parks and aquariums (41% and 33%), classical music concerts (9% and 6%), theatre performances (18% and 14%), musicals and operas (18% and 11%) and other performing arts (19% and 14%). The most attended venues or events in the previous 12 months by unemployed people were cinemas (74%) and libraries (42%). These venues were also the most attended for those people not in the labour force (attendance rates of 52% and 37% respectively) (Table 6).

EDUCATIONAL ATTAINMENT

People whose highest educational attainment was year 10 or below were least likely to have attended at least one of the venues and events, with an attendance rate of 73%, compared with an attendance rate of at least 87% for higher levels of attainment. With the exception of archives, people who had completed year 12 had significantly higher attendance rates at all the venues and events in the survey than those with attainment of year 10 or below (Table 7).

INCOME

For each of the venues and events included in the survey, with the exception of libraries, residents with equivalised gross household income in the highest quintile reported higher attendance rates than those in the lowest quintile. Generally, as gross household income decreased, so did attendance rates. People in the highest equivalised income quintile were significantly more likely to attend at least one venue or event compared

SUMMARY OF FINDINGS *continued*

INCOME *continued*

with people in the lowest income quintile (attendance rates of 94% and 73% respectively) (Table 8).

FREQUENCY OF
ATTENDANCE

Over one quarter of people (26%) who visited libraries in the previous 12 months went more than 20 times. Cinemas also had a large number of frequent attendees, with 44% visiting at least six times during the previous year. However, the majority of people who visited museums (52%), attended dance performances (56%), musicals and operas (55%) or other performing arts (64%), went once during the 12 month period (Table 9).

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By states and territories

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
NUMBER ('000)									
Art galleries	1 471.6	1 157.4	889.7	333.4	399.0	106.6	38.5	128.1	4 524.4
Museums	1 329.9	1 130.6	885.6	368.0	421.0	143.3	57.0	128.9	4 464.3
Zoological parks and aquariums	2 012.9	1 700.9	1 134.0	532.6	732.4	121.9	67.8	121.7	6 424.2
Botanic gardens	1 801.8	1 768.1	1 248.0	477.5	552.7	140.3	55.0	110.6	6 153.8
Libraries	1 851.9	1 476.8	1 229.8	461.0	547.4	137.6	45.7	107.1	5 857.3
Archives	176.7	194.6	76.4	39.2	59.5	15.2	*5.9	44.4	611.9
Performing arts									
Classical music concerts	540.0	437.8	217.6	108.4	164.8	36.9	10.1	38.4	1 554.2
Popular music concerts	1 674.8	1 374.0	968.6	399.7	639.9	100.6	40.3	100.0	5 297.9
Theatre performances	935.5	767.9	483.5	212.3	279.2	83.9	20.6	64.0	2 847.0
Dance performances	623.0	411.0	312.6	135.3	195.2	35.2	18.5	37.7	1 768.4
Musicals and operas	954.6	904.4	462.9	175.7	212.9	68.9	15.9	53.9	2 849.1
Other performing arts	891.0	796.6	555.4	239.7	306.9	61.6	29.1	54.7	2 934.9
Total attending at least one performing arts event	2 941.9	2 409.1	1 720.2	683.9	945.5	194.8	69.3	178.2	9 142.8
Cinemas	3 685.8	3 056.7	2 387.3	855.7	1 191.2	236.1	87.6	212.4	11 712.8
Total attending at least one venue or event	4 758.4	3 856.2	3 016.3	1 141.7	1 517.9	334.2	116.7	259.3	15 000.8
Total population aged 15 years and over	5 720.8	4 420.3	3 466.9	1 303.0	1 760.9	398.4	127.7	279.0	17 477.0
ATTENDANCE RATE (%)									
Art galleries	25.7	26.2	25.7	25.6	22.7	26.8	30.2	45.9	25.9
Museums	23.2	25.6	25.5	28.2	23.9	36.0	44.6	46.2	25.5
Zoological parks and aquariums	35.2	38.5	32.7	40.9	41.6	30.6	53.1	43.6	36.8
Botanic gardens	31.5	40.0	36.0	36.6	31.4	35.2	43.1	39.6	35.2
Libraries	32.4	33.4	35.5	35.4	31.1	34.5	35.8	38.4	33.5
Archives	3.1	4.4	2.2	3.0	3.4	3.8	*4.6	15.9	3.5
Performing arts									
Classical music concerts	9.4	9.9	6.3	8.3	9.4	9.3	7.9	13.8	8.9
Popular music concerts	29.3	31.1	27.9	30.7	36.3	25.3	31.5	35.9	30.3
Theatre performances	16.4	17.4	13.9	16.3	15.9	21.1	16.1	22.9	16.3
Dance performances	10.9	9.3	9.0	10.4	11.1	8.8	14.5	13.5	10.1
Musicals and operas	16.7	20.5	13.4	13.5	12.1	17.3	12.4	19.3	16.3
Other performing arts	15.6	18.0	16.0	18.4	17.4	15.5	22.7	19.6	16.8
Total attending at least one performing arts event	51.4	54.5	49.6	52.5	53.7	48.9	54.3	63.9	52.3
Cinemas	64.4	69.2	68.9	65.7	67.6	59.3	68.6	76.1	67.0
Total attending at least one venue or event	83.2	87.2	87.0	87.6	86.2	83.9	91.4	93.0	85.8

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

(a) Refers to mainly urban areas. See paragraph 7 of Explanatory Notes.

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By region

	State capital cities	Balance of state/territory	Total
NUMBER ('000)			
Art galleries	2 985.1	1 539.3	4 524.4
Museums	2 942.0	1 522.3	4 464.3
Zoological parks and aquariums	4 302.8	2 121.5	6 424.2
Botanic gardens	4 110.1	2 043.8	6 153.8
Libraries	3 729.3	2 128.0	5 857.3
Archives	392.6	219.3	611.9
Performing arts			
Classical music concerts	1 130.5	423.6	1 554.2
Popular music concerts	3 486.7	1 811.2	5 297.9
Theatre performances	1 925.7	921.3	2 847.0
Dance performances	1 181.8	586.6	1 768.4
Musicals and operas	1 999.2	849.9	2 849.1
Other performing arts	1 885.9	1 049.0	2 934.9
Total attending at least one performing arts event	5 930.7	3 212.1	9 142.8
Cinemas	7 760.1	3 952.7	11 712.8
Total attending at least one venue or event	9 574.4	5 426.4	15 000.8
Total population aged 15 years and over	10 944.4	6 532.6	17 477.0
ATTENDANCE RATE (%)			
Art galleries	27.3	23.6	25.9
Museums	26.9	23.3	25.5
Zoological parks and aquariums	39.3	32.5	36.8
Botanic gardens	37.6	31.3	35.2
Libraries	34.1	32.6	33.5
Archives	3.6	3.4	3.5
Performing arts			
Classical music concerts	10.3	6.5	8.9
Popular music concerts	31.9	27.7	30.3
Theatre performances	17.6	14.1	16.3
Dance performances	10.8	9.0	10.1
Musicals and operas	18.3	13.0	16.3
Other performing arts	17.2	16.1	16.8
Total attending at least one performing arts event	54.2	49.2	52.3
Cinemas	70.9	60.5	67.0
Total attending at least one venue or event	87.5	83.1	85.8

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By age and sex

AGE GROUP (YEARS)

15-17 18-24 25-34 35-44 45-54 55-64 65-74 75 and over Total

MALES - NUMBER ('000)

Art galleries	89.9	184.1	358.5	343.7	404.7	319.8	184.0	104.0	1 988.8
Museums	113.4	163.7	404.0	433.0	389.4	320.2	164.6	84.8	2 073.2
Zoological parks and aquariums	166.8	338.9	659.1	704.3	465.7	328.2	185.4	62.6	2 911.0
Botanic gardens	123.7	229.1	557.5	538.1	542.7	442.2	252.1	131.5	2 817.0
Libraries	141.9	270.9	368.9	369.8	377.3	336.7	216.3	165.2	2 246.9
Archives	**1.1	*21.4	51.4	36.3	71.3	50.3	29.6	*13.6	274.9
Performing arts									
Classical music concerts	*23.5	59.4	72.0	70.2	122.1	140.0	84.8	53.4	625.4
Popular music concerts	141.6	444.0	622.8	461.1	383.3	267.2	101.9	45.6	2 467.5
Theatre performances	73.6	115.5	201.7	203.4	225.0	189.0	95.0	50.3	1 153.6
Dance performances	47.5	68.0	85.2	124.4	138.9	74.5	37.4	*14.6	590.6
Musicals and operas	*40.0	107.0	186.1	169.7	202.7	166.1	93.5	39.7	1 004.8
Other performing arts	70.0	124.0	311.8	262.9	222.6	153.3	90.8	39.1	1 274.4
Total attending at least one performing arts event	228.4	571.9	868.7	754.7	670.9	516.6	273.5	153.6	4 038.2
Cinemas	410.1	909.8	1 162.2	1 008.5	936.6	629.4	292.3	149.3	5 498.3
Total attending at least one venue or event	431.1	1 000.4	1 383.0	1 340.8	1 205.0	959.2	533.2	329.6	7 182.4
Total population aged 15 years and over	458.7	1 091.6	1 542.0	1 527.2	1 470.5	1 235.1	750.5	541.7	8 617.3

MALES - ATTENDANCE RATE (%)

Art galleries	19.6	16.9	23.2	22.5	27.5	25.9	24.5	19.2	23.1
Museums	24.7	15.0	26.2	28.4	26.5	25.9	21.9	15.6	24.1
Zoological parks and aquariums	36.4	31.0	42.7	46.1	31.7	26.6	24.7	11.6	33.8
Botanic gardens	27.0	21.0	36.2	35.2	36.9	35.8	33.6	24.3	32.7
Libraries	30.9	24.8	23.9	24.2	25.7	27.3	28.8	30.5	26.1
Archives	**0.2	*2.0	3.3	2.4	4.8	4.1	3.9	*2.5	3.2
Performing arts									
Classical music concerts	*5.1	5.4	4.7	4.6	8.3	11.3	11.3	9.9	7.3
Popular music concerts	30.9	40.7	40.4	30.2	26.1	21.6	13.6	8.4	28.6
Theatre performances	16.0	10.6	13.1	13.3	15.3	15.3	12.7	9.3	13.4
Dance performances	10.3	6.2	5.5	8.1	9.4	6.0	5.0	*2.7	6.9
Musicals and operas	*8.7	9.8	12.1	11.1	13.8	13.4	12.5	7.3	11.7
Other performing arts	15.3	11.4	20.2	17.2	15.1	12.4	12.1	7.2	14.8
Total attending at least one performing arts event	49.8	52.4	56.3	49.4	45.6	41.8	36.4	28.4	46.9
Cinemas	89.4	83.3	75.4	66.0	63.7	51.0	39.0	27.6	63.8
Total attending at least one venue or event	94.0	91.7	89.7	87.8	81.9	77.7	71.0	60.8	83.3

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

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

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By age and sex *continued*

AGE GROUP (YEARS)

15-17 18-24 25-34 35-44 45-54 55-64 65-74 75 and over Total

FEMALES - NUMBER ('000)

Art galleries	145.9	301.0	365.4	452.9	471.7	434.6	240.5	123.6	2 535.5
Museums	141.0	235.3	407.7	557.9	446.1	342.0	185.9	75.3	2 391.1
Zoological parks and aquariums	173.7	461.3	769.6	861.3	528.8	425.0	204.9	88.5	3 513.3
Botanic gardens	124.8	369.5	636.8	613.2	594.0	515.7	312.7	170.0	3 336.9
Libraries	204.3	398.2	623.2	758.0	621.5	482.5	298.8	224.0	3 610.4
Archives	*28.0	*17.4	44.4	53.1	87.7	53.6	40.3	*12.6	337.0
Performing arts									
Classical music concerts	*37.3	68.4	116.1	129.7	184.1	191.4	130.4	71.2	928.7
Popular music concerts	187.6	523.8	620.7	516.1	478.0	314.2	134.5	55.5	2 830.4
Theatre performances	90.9	180.2	232.4	301.5	354.5	294.2	173.1	66.6	1 693.4
Dance performances	93.8	126.4	165.8	273.5	224.8	156.7	103.6	33.2	1 177.8
Musicals and operas	102.7	153.7	277.6	330.3	366.1	331.5	189.4	93.0	1 844.3
Other performing arts	77.6	208.6	315.5	372.5	289.0	210.9	125.7	60.7	1 660.6
Total attending at least one performing arts event	286.5	698.1	956.0	959.6	892.3	690.9	404.1	217.1	5 104.6
Cinemas	392.1	941.3	1 183.0	1 197.7	1 054.6	787.1	430.7	228.0	6 214.5
Total attending at least one venue or event	403.1	1 019.0	1 459.0	1 447.3	1 321.5	1 076.3	655.3	437.0	7 818.5
Total population aged 15 years and over	405.7	1 079.5	1 552.6	1 573.4	1 517.1	1 256.1	827.1	648.1	8 859.7

FEMALES - ATTENDANCE RATE (%)

Art galleries	36.0	27.9	23.5	28.8	31.1	34.6	29.1	19.1	28.6
Museums	34.7	21.8	26.3	35.5	29.4	27.2	22.5	11.6	27.0
Zoological parks and aquariums	42.8	42.7	49.6	54.7	34.9	33.8	24.8	13.7	39.7
Botanic gardens	30.8	34.2	41.0	39.0	39.2	41.1	37.8	26.2	37.7
Libraries	50.4	36.9	40.1	48.2	41.0	38.4	36.1	34.6	40.8
Archives	*6.9	*1.6	2.9	3.4	5.8	4.3	4.9	*1.9	3.8
Performing arts									
Classical music concerts	9.2	6.3	7.5	8.2	12.1	15.2	15.8	11.0	10.5
Popular music concerts	46.2	48.5	40.0	32.8	31.5	25.0	16.3	8.6	31.9
Theatre performances	22.4	16.7	15.0	19.2	23.4	23.4	20.9	10.3	19.1
Dance performances	23.1	11.7	10.7	17.4	14.8	12.5	12.5	5.1	13.3
Musicals and operas	25.3	14.2	17.9	21.0	24.1	26.4	22.9	14.4	20.8
Other performing arts	19.1	19.3	20.3	23.7	19.1	16.8	15.2	9.4	18.7
Total attending at least one performing arts event	70.6	64.7	61.6	61.0	58.8	55.0	48.9	33.5	57.6
Cinemas	96.6	87.2	76.2	76.1	69.5	62.7	52.1	35.2	70.1
Total attending at least one venue or event	99.4	94.4	94.0	92.0	87.1	85.7	79.2	67.4	88.2

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

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By age and sex *continued*

AGE GROUP (YEARS)

15-17 18-24 25-34 35-44 45-54 55-64 65-74 75 and over Total

PERSONS - NUMBER ('000)

Art galleries	235.8	485.1	723.9	796.6	876.4	754.5	424.5	227.6	4 524.4
Museums	254.4	399.0	811.7	990.9	835.6	662.2	350.5	160.0	4 464.3
Zoological parks and aquariums	340.6	800.2	1 428.7	1 565.6	994.5	753.2	390.3	151.1	6 424.2
Botanic gardens	248.5	598.7	1 194.3	1 151.4	1 136.7	957.9	564.8	301.5	6 153.8
Libraries	346.2	669.1	992.1	1 127.8	998.8	819.2	515.0	389.2	5 857.3
Archives	*29.1	38.7	95.8	89.4	158.9	103.9	69.9	26.2	611.9
Performing arts									
Classical music concerts	60.8	127.8	188.1	199.9	306.2	331.4	215.3	124.6	1 554.2
Popular music concerts	329.2	967.8	1 243.5	977.2	861.3	581.4	236.4	101.2	5 297.9
Theatre performances	164.5	295.7	434.2	504.9	579.5	483.2	268.1	116.9	2 847.0
Dance performances	141.3	194.4	251.0	397.9	363.6	231.2	141.1	47.8	1 768.4
Musicals and operas	142.7	260.7	463.7	500.0	568.8	497.5	283.0	132.7	2 849.1
Other performing arts	147.5	332.7	627.3	635.4	511.6	364.1	216.5	99.7	2 934.9
Total attending at least one performing arts event	514.9	1 270.0	1 824.7	1 714.3	1 563.2	1 207.5	677.6	370.7	9 142.8
Cinemas	802.3	1 851.1	2 345.3	2 206.1	1 991.2	1 416.5	723.0	377.3	11 712.8
Total attending at least one venue or event	834.2	2 019.4	2 842.0	2 788.1	2 526.5	2 035.4	1 188.5	766.6	15 000.8
Total population aged 15 years and over	864.4	2 171.1	3 094.6	3 100.6	2 987.6	2 491.2	1 577.6	1 189.8	17 477.0

PERSONS - ATTENDANCE RATE (%)

Art galleries	27.3	22.3	23.4	25.7	29.3	30.3	26.9	19.1	25.9
Museums	29.4	18.4	26.2	32.0	28.0	26.6	22.2	13.5	25.5
Zoological parks and aquariums	39.4	36.9	46.2	50.5	33.3	30.2	24.7	12.7	36.8
Botanic gardens	28.8	27.6	38.6	37.1	38.0	38.5	35.8	25.3	35.2
Libraries	40.1	30.8	32.1	36.4	33.4	32.9	32.6	32.7	33.5
Archives	*3.4	1.8	3.1	2.9	5.3	4.2	4.4	2.2	3.5
Performing arts									
Classical music concerts	7.0	5.9	6.1	6.4	10.2	13.3	13.6	10.5	8.9
Popular music concerts	38.1	44.6	40.2	31.5	28.8	23.3	15.0	8.5	30.3
Theatre performances	19.0	13.6	14.0	16.3	19.4	19.4	17.0	9.8	16.3
Dance performances	16.3	9.0	8.1	12.8	12.2	9.3	8.9	4.0	10.1
Musicals and operas	16.5	12.0	15.0	16.1	19.0	20.0	17.9	11.2	16.3
Other performing arts	17.1	15.3	20.3	20.5	17.1	14.6	13.7	8.4	16.8
Total attending at least one performing arts event	59.6	58.5	59.0	55.3	52.3	48.5	42.9	31.2	52.3
Cinemas	92.8	85.3	75.8	71.2	66.6	56.9	45.8	31.7	67.0
Total attending at least one venue or event	96.5	93.0	91.8	89.9	84.6	81.7	75.3	64.4	85.8

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

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By household composition

	Couple only	Couple with dependent children	One parent with dependent children	Lone person	Other(a)	Total
NUMBER ('000)						
Art galleries	1 318.5	1 478.7	246.0	591.6	889.6	4 524.4
Museums	1 156.3	1 782.8	274.4	472.1	778.8	4 464.3
Zoological parks and aquariums	1 491.7	2 749.1	407.7	568.1	1 207.6	6 424.2
Botanic gardens	1 791.1	2 113.8	335.4	733.1	1 180.4	6 153.8
Libraries	1 493.3	2 251.0	381.4	690.9	1 040.8	5 857.3
Archives	179.6	217.9	35.0	77.3	102.1	611.9
Performing arts						
Classical music concerts	534.4	424.7	64.3	241.2	289.5	1 554.2
Popular music concerts	1 313.4	1 811.2	358.0	572.6	1 242.7	5 297.9
Theatre performances	811.3	980.5	180.7	351.0	523.5	2 847.0
Dance performances	375.2	731.4	146.9	192.7	322.3	1 768.4
Musicals and operas	825.5	975.9	132.7	348.8	566.3	2 849.1
Other performing arts	732.5	1 156.5	218.2	296.5	531.2	2 934.9
Total attending at least one performing arts event	2 413.5	3 272.7	554.9	1 004.0	1 897.7	9 142.8
Cinemas	2 914.4	4 308.5	769.6	1 208.0	2 512.3	11 712.8
Total attending at least one venue or event	3 942.5	5 277.5	898.1	1 704.5	3 178.2	15 000.8
Total population aged 15 years and over	4 723.4	5 778.9	991.8	2 178.8	3 804.2	17 477.0
ATTENDANCE RATE (%)						
Art galleries	27.9	25.6	24.8	27.2	23.4	25.9
Museums	24.5	30.9	27.7	21.7	20.5	25.5
Zoological parks and aquariums	31.6	47.6	41.1	26.1	31.7	36.8
Botanic gardens	37.9	36.6	33.8	33.6	31.0	35.2
Libraries	31.6	39.0	38.5	31.7	27.4	33.5
Archives	3.8	3.8	3.5	3.5	2.7	3.5
Performing arts						
Classical music concerts	11.3	7.3	6.5	11.1	7.6	8.9
Popular music concerts	27.8	31.3	36.1	26.3	32.7	30.3
Theatre performances	17.2	17.0	18.2	16.1	13.8	16.3
Dance performances	7.9	12.7	14.8	8.8	8.5	10.1
Musicals and operas	17.5	16.9	13.4	16.0	14.9	16.3
Other performing arts	15.5	20.0	22.0	13.6	14.0	16.8
Total attending at least one performing arts event	51.1	56.6	55.9	46.1	49.9	52.3
Cinemas	61.7	74.6	77.6	55.4	66.0	67.0
Total attending at least one venue or event	83.5	91.3	90.6	78.2	83.5	85.8

(a) Includes multiple family households, group households, other one family households and those households where the composition could not be determined. Refer to the Glossary for more information.

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By country of birth

	Australia	Main English-speaking countries	Non main English-speaking countries	Total born overseas	Total(a)
NUMBER ('000)					
Art galleries	3 293.4	623.3	605.3	1 228.6	4 524.4
Museums	3 270.9	569.7	621.6	1 191.3	4 464.3
Zoological parks and aquariums	4 619.4	755.2	1 045.2	1 800.3	6 424.2
Botanic gardens	4 270.5	807.3	1 071.5	1 878.8	6 153.8
Libraries	4 131.9	767.8	956.2	1 724.0	5 857.3
Archives	501.0	56.4	54.5	110.9	611.9
Performing arts					
Classical music concerts	1 022.5	221.7	307.6	529.3	1 554.2
Popular music concerts	4 183.7	597.5	516.8	1 114.3	5 297.9
Theatre performances	2 137.4	379.2	328.1	707.3	2 847.0
Dance performances	1 289.5	214.7	261.8	476.6	1 768.4
Musicals and operas	2 184.8	368.6	293.4	662.0	2 849.1
Other performing arts	2 214.4	318.1	400.1	718.2	2 934.9
Total attending at least one performing arts event	6 877.7	1 057.4	1 205.2	2 262.7	9 142.8
Cinemas	8 732.1	1 276.7	1 702.7	2 979.4	11 712.8
Total attending at least one venue or event	10 897.4	1 687.1	2 411.9	4 098.9	15 000.8
Total population aged 15 years and over	12 532.0	1 855.8	3 083.8	4 939.6	17 477.0
ATTENDANCE RATE (%)					
Art galleries	26.3	33.6	19.6	24.9	25.9
Museums	26.1	30.7	20.2	24.1	25.5
Zoological parks and aquariums	36.9	40.7	33.9	36.4	36.8
Botanic gardens	34.1	43.5	34.7	38.0	35.2
Libraries	33.0	41.4	31.0	34.9	33.5
Archives	4.0	3.0	1.8	2.2	3.5
Performing arts					
Classical music concerts	8.2	11.9	10.0	10.7	8.9
Popular music concerts	33.4	32.2	16.8	22.6	30.3
Theatre performances	17.1	20.4	10.6	14.3	16.3
Dance performances	10.3	11.6	8.5	9.6	10.1
Musicals and operas	17.4	19.9	9.5	13.4	16.3
Other performing arts	17.7	17.1	13.0	14.5	16.8
Total attending at least one performing arts event	54.9	57.0	39.1	45.8	52.3
Cinemas	69.7	68.8	55.2	60.3	67.0
Total attending at least one venue or event	87.0	90.9	78.2	83.0	85.8

(a) Includes those with inadequate data for Country of birth.

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By labour force status and sex

	EMPLOYED			Not in the labour force		Total
	Full-time	Part-time	Total	Unemployed		
MALES - NUMBER ('000)						
Art galleries	1 215.9	270.7	1 486.6	69.5	432.7	1 988.8
Museums	1 292.7	217.5	1 510.2	72.4	490.6	2 073.2
Zoological parks and aquariums	1 943.6	293.9	2 237.6	110.4	563.0	2 911.0
Botanic gardens	1 782.3	312.7	2 094.9	103.8	618.3	2 817.0
Libraries	1 045.6	332.7	1 378.3	135.7	732.9	2 246.9
Archives	156.9	34.7	191.6	*24.3	59.0	274.9
Performing arts						
Classical music concerts	327.1	83.3	410.4	*17.8	197.2	625.4
Popular music concerts	1 678.2	315.2	1 993.4	88.9	385.2	2 467.5
Theatre performances	723.5	127.3	850.7	43.8	259.0	1 153.6
Dance performances	375.9	81.0	456.9	*25.0	108.7	590.6
Musicals and operas	642.1	118.8	761.0	29.7	214.2	1 004.8
Other performing arts	815.2	151.6	966.8	44.3	263.3	1 274.4
Total attending at least one performing arts event	2 645.9	478.7	3 124.6	134.0	779.6	4 038.2
Cinemas	3 529.9	661.4	4 191.3	233.8	1 073.1	5 498.3
Total attending at least one venue or event	4 439.7	795.4	5 235.2	294.9	1 652.3	7 182.4
Total population aged 15 years and over	5 088.7	903.7	5 992.4	331.9	2 292.9	8 617.3
MALES - ATTENDANCE RATE (%)						
Art galleries	23.9	30.0	24.8	21.0	18.9	23.1
Museums	25.4	24.1	25.2	21.8	21.4	24.1
Zoological parks and aquariums	38.2	32.5	37.3	33.3	24.6	33.8
Botanic gardens	35.0	34.6	35.0	31.3	27.0	32.7
Libraries	20.5	36.8	23.0	40.9	32.0	26.1
Archives	3.1	3.8	3.2	*7.3	2.6	3.2
Performing arts						
Classical music concerts	6.4	9.2	6.8	*5.4	8.6	7.3
Popular music concerts	33.0	34.9	33.3	26.8	16.8	28.6
Theatre performances	14.2	14.1	14.2	13.2	11.3	13.4
Dance performances	7.4	9.0	7.6	*7.5	4.7	6.9
Musicals and operas	12.6	13.1	12.7	8.9	9.3	11.7
Other performing arts	16.0	16.8	16.1	13.4	11.5	14.8
Total attending at least one performing arts event	52.0	53.0	52.1	40.4	34.0	46.9
Cinemas	69.4	73.2	69.9	70.4	46.8	63.8
Total attending at least one venue or event	87.2	88.0	87.4	88.8	72.1	83.3

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

	EMPLOYED			Not in the labour force		
	Full-time	Part-time	Total	Unemployed		Total
FEMALES - NUMBER ('000)						
Art galleries	923.2	718.6	1 641.8	68.6	825.2	2 535.5
Museums	838.1	727.0	1 565.1	69.1	756.9	2 391.1
Zoological parks and aquariums	1 225.4	1 082.3	2 307.7	89.7	1 115.8	3 513.3
Botanic gardens	1 139.5	927.9	2 067.4	94.8	1 174.6	3 336.9
Libraries	978.3	1 085.3	2 063.6	115.3	1 431.5	3 610.4
Archives	119.8	86.5	206.3	*12.6	118.1	337.0
Performing arts						
Classical music concerts	354.1	230.1	584.2	*16.4	328.1	928.7
Popular music concerts	1 166.2	907.1	2 073.3	104.7	652.4	2 830.4
Theatre performances	645.8	513.2	1 159.0	40.3	494.2	1 693.4
Dance performances	432.4	364.9	797.3	33.3	347.2	1 177.8
Musicals and operas	685.5	560.7	1 246.2	*38.2	559.8	1 844.3
Other performing arts	585.4	500.4	1 085.8	42.0	532.8	1 660.6
Total attending at least one performing arts event	1 854.3	1 547.5	3 401.8	135.3	1 567.5	5 104.6
Cinemas	2 181.9	1 879.7	4 061.6	212.2	1 940.7	6 214.5
Total attending at least one venue or event	2 522.9	2 204.2	4 727.1	242.6	2 848.7	7 818.5
Total population aged 15 years and over	2 694.8	2 345.9	5 040.7	269.6	3 549.4	8 859.7
FEMALES - ATTENDANCE RATE (%)						
Art galleries	34.3	30.6	32.6	25.4	23.2	28.6
Museums	31.1	31.0	31.0	25.6	21.3	27.0
Zoological parks and aquariums	45.5	46.1	45.8	33.3	31.4	39.7
Botanic gardens	42.3	39.6	41.0	35.2	33.1	37.7
Libraries	36.3	46.3	40.9	42.7	40.3	40.8
Archives	4.4	3.7	4.1	*4.7	3.3	3.8
Performing arts						
Classical music concerts	13.1	9.8	11.6	*6.1	9.2	10.5
Popular music concerts	43.3	38.7	41.1	38.8	18.4	31.9
Theatre performances	24.0	21.9	23.0	14.9	13.9	19.1
Dance performances	16.0	15.6	15.8	12.3	9.8	13.3
Musicals and operas	25.4	23.9	24.7	14.2	15.8	20.8
Other performing arts	21.7	21.3	21.5	15.6	15.0	18.7
Total attending at least one performing arts event	68.8	66.0	67.5	50.2	44.2	57.6
Cinemas	81.0	80.1	80.6	78.7	54.7	70.1
Total attending at least one venue or event	93.6	94.0	93.8	90.0	80.3	88.2

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

	EMPLOYED			Not in the labour force		
	Full-time	Part-time	Total	Unemployed	force	Total
PERSONS - NUMBER ('000)						
Art galleries	2 139.1	989.3	3 128.4	138.1	1 257.8	4 524.4
Museums	2 130.8	944.5	3 075.3	141.5	1 247.6	4 464.3
Zoological parks and aquariums	3 169.0	1 376.3	4 545.3	200.1	1 678.8	6 424.2
Botanic gardens	2 921.7	1 240.6	4 162.4	198.6	1 792.9	6 153.8
Libraries	2 023.9	1 418.0	3 441.9	251.0	2 164.4	5 857.3
Archives	276.7	121.2	397.9	36.9	177.1	611.9
Performing arts						
Classical music concerts	681.1	313.4	994.5	34.3	525.3	1 554.2
Popular music concerts	2 844.5	1 222.3	4 066.7	193.6	1 037.6	5 297.9
Theatre performances	1 369.3	640.4	2 009.7	84.1	753.2	2 847.0
Dance performances	808.3	445.9	1 254.2	58.3	455.9	1 768.4
Musicals and operas	1 327.6	679.5	2 007.2	67.9	774.0	2 849.1
Other performing arts	1 400.6	652.0	2 052.6	86.3	796.0	2 934.9
<i>Total attending at least one performing arts event</i>	4 500.2	2 026.2	6 526.5	269.3	2 347.1	9 142.8
Cinemas	5 711.8	2 541.2	8 253.0	446.0	3 013.8	11 712.8
Total attending at least one venue or event	6 962.7	2 999.6	9 962.3	537.5	4 501.0	15 000.8
Total population aged 15 years and over	7 783.5	3 249.7	11 033.1	601.6	5 842.3	17 477.0

PERSONS - ATTENDANCE RATE (%)						
Art galleries	27.5	30.4	28.4	23.0	21.5	25.9
Museums	27.4	29.1	27.9	23.5	21.4	25.5
Zoological parks and aquariums	40.7	42.4	41.2	33.3	28.7	36.8
Botanic gardens	37.5	38.2	37.7	33.0	30.7	35.2
Libraries	26.0	43.6	31.2	41.7	37.0	33.5
Archives	3.6	3.7	3.6	6.1	3.0	3.5
Performing arts						
Classical music concerts	8.8	9.6	9.0	5.7	9.0	8.9
Popular music concerts	36.5	37.6	36.9	32.2	17.8	30.3
Theatre performances	17.6	19.7	18.2	14.0	12.9	16.3
Dance performances	10.4	13.7	11.4	9.7	7.8	10.1
Musicals and operas	17.1	20.9	18.2	11.3	13.2	16.3
Other performing arts	18.0	20.1	18.6	14.3	13.6	16.8
Total attending at least one performing arts event	57.8	62.4	59.2	44.8	40.2	52.3
Cinemas	73.4	78.2	74.8	74.1	51.6	67.0
Total attending at least one venue or event	89.5	92.3	90.3	89.3	77.0	85.8

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By level of highest educational attainment

	Postgraduate degree	Graduate diploma/ graduate certificate	Bachelor degree	Advanced diploma/ diploma	Certificate	Year 12	Year 11	Year 10 or below(a)	Total(b)
NUMBER ('000)									
Art galleries	357.3	213.8	1 175.5	526.2	588.7	708.3	223.7	663.4	4 524.4
Museums	328.2	193.8	1 050.4	464.6	703.7	676.7	237.7	737.7	4 464.3
Zoological parks and aquariums	353.7	189.5	1 279.3	679.9	1 087.5	1 127.3	396.2	1 195.5	6 424.2
Botanic gardens	410.8	229.5	1 379.9	666.7	986.1	966.0	328.9	1 065.1	6 153.8
Libraries	380.4	211.3	1 266.3	613.1	803.5	959.4	380.3	1 153.1	5 857.3
Archives	75.6	27.6	138.5	55.2	86.4	68.5	43.1	108.3	611.9
Performing arts									
Classical music concerts	183.2	84.3	416.2	195.5	169.2	189.2	70.1	218.8	1 554.2
Popular music concerts	255.2	171.0	1 068.8	516.2	915.4	1 028.9	334.9	925.9	5 297.9
Theatre performances	231.8	130.7	752.6	317.6	328.5	409.9	174.5	468.6	2 847.0
Dance performances	114.2	65.8	382.7	212.7	252.2	272.8	106.1	332.8	1 768.4
Musicals and operas	214.8	123.2	716.9	347.8	363.1	378.0	168.9	483.7	2 849.1
Other performing arts	167.3	112.2	590.1	324.4	492.1	460.5	167.7	584.9	2 934.9
Total attending at least one performing arts event	481.1	297.0	1 816.1	954.5	1 501.0	1 572.6	594.4	1 780.8	9 142.8
Cinemas	558.1	305.8	2 128.3	1 169.4	1 999.1	2 125.1	820.5	2 429.1	11 712.8
Total attending at least one venue or event	676.1	368.0	2 583.3	1 406.4	2 630.3	2 612.4	1 000.6	3 468.2	15 000.8
Total population aged 15 years and over	702.6	384.8	2 700.4	1 508.1	3 033.0	2 931.8	1 144.2	4 782.0	17 477.0
ATTENDANCE RATE (%)									
Art galleries	50.9	55.5	43.5	34.9	19.4	24.2	19.5	13.9	25.9
Museums	46.7	50.4	38.9	30.8	23.2	23.1	20.8	15.4	25.5
Zoological parks and aquariums	50.3	49.2	47.4	45.1	35.9	38.4	34.6	25.0	36.8
Botanic gardens	58.5	59.6	51.1	44.2	32.5	32.9	28.7	22.3	35.2
Libraries	54.2	54.9	46.9	40.7	26.5	32.7	33.2	24.1	33.5
Archives	10.8	7.2	5.1	3.7	2.8	2.3	3.8	2.3	3.5
Performing arts									
Classical music concerts	26.1	21.9	15.4	13.0	5.6	6.5	6.1	4.6	8.9
Popular music concerts	36.3	44.4	39.6	34.2	30.2	35.1	29.3	19.4	30.3
Theatre performances	33.0	34.0	27.9	21.1	10.8	14.0	15.3	9.8	16.3
Dance performances	16.3	17.1	14.2	14.1	8.3	9.3	9.3	7.0	10.1
Musicals and operas	30.6	32.0	26.5	23.1	12.0	12.9	14.8	10.1	16.3
Other performing arts	23.8	29.2	21.9	21.5	16.2	15.7	14.7	12.2	16.8
Total attending at least one performing arts event	68.5	77.2	67.3	63.3	49.5	53.6	51.9	37.2	52.3
Cinemas	79.4	79.5	78.8	77.5	65.9	72.5	71.7	50.8	67.0
Total attending at least one venue or event	96.2	95.6	95.7	93.3	86.7	89.1	87.4	72.5	85.8

(a) Includes no educational attainment.

(b) Includes those with inadequate data for level of highest educational attainment.

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By equivalised gross household income quintiles

	EQUIVALISED GROSS HOUSEHOLD INCOME QUINTILES					
	Lowest quintile	Second quintile	Third quintile	Fourth quintile	Highest quintile	Total(a)
NUMBER ('000)						
Art galleries	386.3	552.2	691.0	831.3	1 066.8	4 524.4
Museums	399.8	560.9	778.8	883.4	909.6	4 464.3
Zoological parks and aquariums	557.0	862.5	1 154.4	1 246.1	1 249.7	6 424.2
Botanic gardens	620.0	791.9	1 004.6	1 149.7	1 281.9	6 153.8
Libraries	765.6	904.4	1 101.6	1 002.0	875.3	5 857.3
Archives	59.2	74.8	92.3	118.2	133.7	611.9
Performing arts						
Classical music concerts	141.2	175.8	233.9	274.7	376.9	1 554.2
Popular music concerts	338.4	579.4	912.2	1 036.4	1 238.5	5 297.9
Theatre performances	235.8	283.4	467.6	556.4	728.2	2 847.0
Dance performances	169.9	200.6	303.9	334.4	379.0	1 768.4
Musicals and operas	211.6	282.9	473.0	575.7	709.5	2 849.1
Other performing arts	262.8	358.0	541.6	518.0	595.7	2 934.9
Total attending at least one performing arts event	797.9	1 104.4	1 563.7	1 741.2	1 924.4	9 142.8
Cinemas	1 075.3	1 501.8	2 046.7	2 208.5	2 218.2	11 712.8
Total attending at least one venue or event	1 698.8	2 128.2	2 574.1	2 671.0	2 589.7	15 000.8
Total population aged 15 years and over	2 344.4	2 650.0	2 905.8	2 881.1	2 742.6	17 477.0
ATTENDANCE RATE (%)						
Art galleries	16.5	20.8	23.8	28.9	38.9	25.9
Museums	17.1	21.2	26.8	30.7	33.2	25.5
Zoological parks and aquariums	23.8	32.5	39.7	43.2	45.6	36.8
Botanic gardens	26.4	29.9	34.6	39.9	46.7	35.2
Libraries	32.7	34.1	37.9	34.8	31.9	33.5
Archives	2.5	2.8	3.2	4.1	4.9	3.5
Performing arts						
Classical music concerts	6.0	6.6	8.0	9.5	13.7	8.9
Popular music concerts	14.4	21.9	31.4	36.0	45.2	30.3
Theatre performances	10.1	10.7	16.1	19.3	26.6	16.3
Dance performances	7.2	7.6	10.5	11.6	13.8	10.1
Musicals and operas	9.0	10.7	16.3	20.0	25.9	16.3
Other performing arts	11.2	13.5	18.6	18.0	21.7	16.8
Total attending at least one performing arts event	34.0	41.7	53.8	60.4	70.2	52.3
Cinemas	45.9	56.7	70.4	76.7	80.9	67.0
Total attending at least one venue or event	72.5	80.3	88.6	92.7	94.4	85.8

(a) Includes persons where household income was not known or not adequately reported. For an explanation of equivalised gross household income and income quintiles, see the Glossary.

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By frequency of attendance

	Once	Twice	3 times	4 times	5 times	6-10 times	11-20 times	21 times or more	Total
NUMBER ('000)									
Art galleries	1 825.7	1 155.9	531.9	336.6	144.8	318.4	144.5	66.6	4 524.4
Museums	2 312.8	1 058.6	436.8	200.9	127.2	217.5	84.1	26.4	4 464.3
Zoological parks and aquariums	3 052.8	1 704.9	738.7	313.6	168.5	295.3	105.6	44.8	6 424.2
Botanic gardens	2 294.9	1 577.0	732.4	390.2	305.4	489.0	223.7	141.3	6 153.8
Libraries	304.5	569.6	465.9	399.9	376.0	1 038.3	1 208.7	1 494.5	5 857.3
Archives	306.5	162.2	48.1	28.6	**11.1	32.7	*10.2	*12.5	611.9
Classical music concerts	645.7	400.6	164.2	90.5	70.1	114.9	52.5	*15.7	1 554.2
Popular music concerts	1 925.9	1 255.3	712.2	401.0	247.7	487.2	182.3	86.3	5 297.9
Theatre performances	1 304.5	708.4	332.1	155.8	93.6	181.0	54.0	*17.8	2 847.0
Dance performances	986.8	384.4	170.1	85.9	33.0	61.0	32.5	*14.9	1 768.4
Musicals and operas	1 552.7	758.9	265.6	114.7	45.0	81.9	*28.4	**1.9	2 849.1
Other performing arts	1 867.0	588.0	184.6	108.7	52.2	84.7	33.1	*16.8	2 934.9
Cinemas	1 148.5	1 752.8	1 449.4	1 187.1	1 019.9	2 646.0	1 804.1	705.0	11 712.8

PER CENT (%)									
Art galleries	40.4	25.5	11.8	7.4	3.2	7.0	3.2	1.5	100.0
Museums	51.8	23.7	9.8	4.5	2.8	4.9	1.9	0.6	100.0
Zoological parks and aquariums	47.5	26.5	11.5	4.9	2.6	4.6	1.6	0.7	100.0
Botanic gardens	37.3	25.6	11.9	6.3	5.0	7.9	3.6	2.3	100.0
Libraries	5.2	9.7	8.0	6.8	6.4	17.7	20.6	25.5	100.0
Archives	50.1	26.5	7.9	4.7	**1.8	5.3	*1.7	*2.0	100.0
Classical music concerts	41.5	25.8	10.6	5.8	4.5	7.4	3.4	*1.0	100.0
Popular music concerts	36.4	23.7	13.4	7.6	4.7	9.2	3.4	1.6	100.0
Theatre performances	45.8	24.9	11.7	5.5	3.3	6.4	1.9	*0.6	100.0
Dance performances	55.8	21.7	9.6	4.9	1.9	3.4	1.8	*0.8	100.0
Musicals and operas	54.5	26.6	9.3	4.0	1.6	2.9	*1.0	**0.1	100.0
Other performing arts	63.6	20.0	6.3	3.7	1.8	2.9	1.1	*0.6	100.0
Cinemas	9.8	15.0	12.4	10.1	8.7	22.6	15.4	6.0	100.0

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

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

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
NUMBER ('000)									
State capital cities									
Attended in own state/territory capital city	1 043.7	1 081.2	540.7	325.0	371.5	65.3	..	..	3 427.4
Attended elsewhere in own state/territory	156.4	147.7	79.7	30.6	56.2	9.4	..	..	480.0
<i>Total who attended in own state/territory(a)</i>	<i>1 113.4</i>	<i>1 118.8</i>	<i>587.6</i>	<i>336.0</i>	<i>400.3</i>	<i>68.4</i>	<i>..</i>	<i>..</i>	<i>3 624.5</i>
Attended in capital city elsewhere in Australia	278.7	159.9	74.4	65.8	77.7	22.1	..	..	678.7
Attended anywhere else in Australia (outside locations listed above)	*24.1	32.9	24.1	20.9	*18.1	**1.1	..	..	121.2
<i>Total who attended elsewhere in Australia(a)</i>	<i>288.8</i>	<i>176.2</i>	<i>86.3</i>	<i>75.3</i>	<i>83.0</i>	<i>22.3</i>	<i>..</i>	<i>..</i>	<i>731.8</i>
<i>Total who attended art gallery or museum(a)</i>	<i>1 330.0</i>	<i>1 238.0</i>	<i>646.9</i>	<i>372.5</i>	<i>459.2</i>	<i>79.6</i>	<i>..</i>	<i>..</i>	<i>4 126.2</i>
<i>Total population aged 15 years and over</i>	<i>3 635.2</i>	<i>3 268.6</i>	<i>1 560.8</i>	<i>967.8</i>	<i>1 343.1</i>	<i>168.9</i>	<i>..</i>	<i>..</i>	<i>10 944.4</i>
Balance of state/territory									
Attended in own state/territory capital city	212.4	234.3	252.1	58.0	58.2	20.1	49.3	151.5	1 035.8
Attended elsewhere in own state/territory	361.3	180.7	297.3	34.2	71.7	57.8	10.7	*6.4	1 019.9
<i>Total who attended in own state/territory(a)</i>	<i>507.0</i>	<i>349.2</i>	<i>493.7</i>	<i>86.0</i>	<i>119.0</i>	<i>69.9</i>	<i>56.9</i>	<i>152.3</i>	<i>1 834.0</i>
Attended in capital city elsewhere in Australia	206.6	53.0	116.9	20.3	*10.2	16.4	12.8	32.5	468.6
Attended anywhere else in Australia (outside locations listed above)	35.5	36.5	37.8	*8.7	**4.7	7.1	5.9	10.9	147.3
<i>Total who attended elsewhere in Australia(a)</i>	<i>231.3</i>	<i>77.6</i>	<i>142.4</i>	<i>28.3</i>	<i>*12.5</i>	<i>21.5</i>	<i>16.2</i>	<i>37.1</i>	<i>566.8</i>
<i>Total who attended art gallery or museum(a)</i>	<i>686.4</i>	<i>395.3</i>	<i>611.6</i>	<i>106.3</i>	<i>131.0</i>	<i>82.0</i>	<i>63.4</i>	<i>169.3</i>	<i>2 245.4</i>
<i>Total population aged 15 years and over</i>	<i>2 085.7</i>	<i>1 151.7</i>	<i>1 906.1</i>	<i>335.2</i>	<i>417.8</i>	<i>229.4</i>	<i>127.7</i>	<i>279.0</i>	<i>6 532.6</i>
Total									
Attended in own state/territory capital city	1 256.1	1 315.5	792.8	383.0	429.7	85.3	49.3	151.5	4 463.2
Attended elsewhere in own state/territory	517.7	328.4	377.0	64.8	127.9	67.2	10.7	*6.4	1 500.0
<i>Total who attended in own state/territory(a)</i>	<i>1 620.5</i>	<i>1 468.1</i>	<i>1 081.3</i>	<i>421.9</i>	<i>519.3</i>	<i>138.2</i>	<i>56.9</i>	<i>152.3</i>	<i>5 458.5</i>
Attended in capital city elsewhere in Australia	485.2	212.9	191.3	86.1	87.9	38.5	12.8	32.5	1 147.3
Attended anywhere else in Australia (outside locations listed above)	59.6	69.4	62.0	29.6	*22.8	8.2	5.9	10.9	268.4
<i>Total who attended elsewhere in Australia(a)</i>	<i>520.1</i>	<i>253.8</i>	<i>228.7</i>	<i>103.6</i>	<i>95.5</i>	<i>43.7</i>	<i>16.2</i>	<i>37.1</i>	<i>1 298.6</i>
<i>Total who attended art gallery or museum(a)</i>	<i>2 016.4</i>	<i>1 633.4</i>	<i>1 258.6</i>	<i>478.8</i>	<i>590.2</i>	<i>161.5</i>	<i>63.4</i>	<i>169.3</i>	<i>6 371.6</i>
<i>Total population aged 15 years and over</i>	<i>5 720.8</i>	<i>4 420.3</i>	<i>3 466.9</i>	<i>1 303.0</i>	<i>1 760.9</i>	<i>398.4</i>	<i>127.7</i>	<i>279.0</i>	<i>17 477.0</i>
* estimate has a relative standard error of 25% to 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	(a) Components may not add to totals as some people attended in more than one region.								

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
PER CENT (%)									
State capital cities									
Attended in own state/territory capital city	28.7	33.1	34.6	33.6	27.7	38.6	..	..	31.3
Attended elsewhere in own state/territory	4.3	4.5	5.1	3.2	4.2	5.6	..	..	4.4
Total who attended in own state/territory(a)	30.6	34.2	37.6	34.7	29.8	40.5	..	..	33.1
Attended in capital city elsewhere in Australia	7.7	4.9	4.8	6.8	5.8	13.1	..	..	6.2
Attended anywhere else in Australia (outside locations listed above)	*0.7	1.0	1.5	2.2	*1.3	**0.6	..	..	1.1
Total who attended elsewhere in Australia(a)	7.9	5.4	5.5	7.8	6.2	13.2	..	..	6.7
Total who attended art gallery or museum(a)	36.6	37.9	41.4	38.5	34.2	47.1	..	..	37.7
Total population aged 15 years and over	100.0	100.0	100.0	100.0	100.0	100.0	..	..	100.0
Balance of state/territory									
Attended in own state/territory capital city	10.2	20.3	13.2	17.3	13.9	8.7	38.6	54.3	15.9
Attended elsewhere in own state/territory	17.3	15.7	15.6	10.2	17.2	25.2	8.4	*2.3	15.6
Total who attended in own state/territory(a)	24.3	30.3	25.9	25.6	28.5	30.4	44.6	54.6	28.1
Attended in capital city elsewhere in Australia	9.9	4.6	6.1	6.1	*2.4	7.2	10.0	11.6	7.2
Attended anywhere else in Australia (outside locations listed above)	1.7	3.2	2.0	*2.6	**1.1	3.1	4.6	3.9	2.3
Total who attended elsewhere in Australia(a)	11.1	6.7	7.5	8.4	*3.0	9.4	12.7	13.3	8.7
Total who attended art gallery or museum(a)	32.9	34.3	32.1	31.7	31.3	35.7	49.6	60.7	34.4
Total population aged 15 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total									
Attended in own state/territory capital city	22.0	29.8	22.9	29.4	24.4	21.4	38.6	54.3	25.5
Attended elsewhere in own state/territory	9.0	7.4	10.9	5.0	7.3	16.9	8.4	*2.3	8.6
Total who attended in own state/territory(a)	28.3	33.2	31.2	32.4	29.5	34.7	44.6	54.6	31.2
Attended in capital city elsewhere in Australia	8.5	4.8	5.5	6.6	5.0	9.7	10.0	11.6	6.6
Attended anywhere else in Australia (outside locations listed above)	1.0	1.6	1.8	2.3	*1.3	2.1	4.6	3.9	1.5
Total who attended elsewhere in Australia(a)	9.1	5.7	6.6	7.9	5.4	11.0	12.7	13.3	7.4
Total who attended art gallery or museum(a)	35.2	37.0	36.3	36.7	33.5	40.5	49.6	60.7	36.5
Total population aged 15 years and over	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

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

.. not applicable

(a) Components may not add to totals as some people attended in more than one region.

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By states and territories(a)—1999, 2005–06 and 2009–10

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Art Galleries						
New South Wales	1 083.4	1 118.6	1 471.6	21.4	20.8	(c) 25.7
Victoria	786.2	963.9	1 157.4	21.0	23.9	26.2
Queensland	529.4	677.7	889.7	19.3	22.0	(c) 25.7
South Australia	256.5	293.7	333.4	21.4	24.0	25.6
Western Australia	299.7	355.8	399.0	20.6	22.8	22.7
Tasmania	82.2	91.7	106.6	22.2	24.0	26.8
Northern Territory(d)	33.2	28.8	38.5	30.7	25.9	30.2
Australian Capital Territory	89.2	100.6	128.1	37.7	39.7	45.9
<i>Australia</i>	<i>3 159.7</i>	<i>3 630.7</i>	<i>4 524.4</i>	<i>21.2</i>	<i>22.7</i>	<i>(c) 25.9</i>
Museums						
New South Wales	1 046.0	1 145.0	1 329.9	20.7	21.3	23.2
Victoria	601.0	841.8	1 130.6	16.0	20.9	(c) 25.6
Queensland	550.4	670.2	885.6	20.1	21.7	(c) 25.5
South Australia	262.4	329.0	368.0	21.9	26.9	28.2
Western Australia	306.2	345.7	421.0	21.0	22.2	23.9
Tasmania	106.6	117.9	143.3	28.8	30.8	(c) 36.0
Northern Territory(d)	41.7	42.4	57.0	38.6	38.2	44.6
Australian Capital Territory	61.1	120.0	128.9	25.8	47.3	46.2
<i>Australia</i>	<i>2 975.4</i>	<i>3 611.9</i>	<i>4 464.3</i>	<i>19.9</i>	<i>22.6</i>	<i>(c) 25.5</i>
Zoological parks and aquariums						
New South Wales	1 628.4	1 780.0	2 012.9	32.2	33.2	35.2
Victoria	1 354.1	1 489.5	1 700.9	36.1	37.0	38.5
Queensland	762.7	1 023.4	1 134.0	27.8	33.2	32.7
South Australia	425.6	463.7	532.6	35.6	37.9	40.9
Western Australia	653.9	677.6	732.4	44.9	43.4	41.6
Tasmania	86.4	120.9	121.9	23.3	31.6	30.6
Northern Territory(d)	50.2	39.9	67.8	46.4	36.0	(c) 53.1
Australian Capital Territory	87.3	104.8	121.7	36.9	41.4	43.6
<i>Australia</i>	<i>5 048.5</i>	<i>5 699.8</i>	<i>6 424.2</i>	<i>33.9</i>	<i>35.6</i>	<i>36.8</i>
Botanic gardens						
New South Wales	1 639.9	1 517.7	1 801.8	32.4	28.3	(c) 31.5
Victoria	1 532.3	1 479.9	1 768.1	40.9	36.7	(c) 40.0
Queensland	1 020.3	1 146.7	1 248.0	37.2	37.2	36.0
South Australia	456.4	446.8	477.5	38.2	36.5	36.6
Western Australia	466.7	520.8	552.7	32.0	33.4	31.4
Tasmania	127.2	123.4	140.3	34.4	32.3	35.2
Northern Territory(d)	40.4	43.1	55.0	37.4	38.8	43.1
Australian Capital Territory	96.6	112.4	110.6	40.9	44.4	39.6
<i>Australia</i>	<i>5 379.8</i>	<i>5 390.9</i>	<i>6 153.8</i>	<i>36.1</i>	<i>33.7</i>	<i>(c) 35.2</i>
Libraries						
New South Wales	1 833.1	1 714.0	1 851.9	36.2	31.9	32.4
Victoria	1 403.8	1 336.9	1 476.8	37.5	33.2	33.4
Queensland	1 072.2	1 081.9	1 229.8	39.1	35.1	35.5
South Australia	492.5	493.4	461.0	41.2	40.3	(c) 35.4
Western Australia	582.4	572.5	547.4	40.0	36.7	(c) 31.1
Tasmania	145.0	136.2	137.6	39.2	35.6	34.5
Northern Territory(d)	46.8	31.2	45.7	43.3	28.1	35.8
Australian Capital Territory	108.3	88.4	107.1	45.8	34.9	38.4
<i>Australia</i>	<i>5 684.1</i>	<i>5 454.5</i>	<i>5 857.3</i>	<i>38.1</i>	<i>34.1</i>	<i>33.5</i>

- (a) Changes in methodology between these surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.
- (b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.
- (c) The difference between the 2009–10 attendance rate and the 2005–06 attendance rate is statistically significant.
- (d) Refers to mainly urban areas. See paragraph 7 of Explanatory Notes.

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Archives						
New South Wales	..	..	176.7	..	..	3.1
Victoria	..	..	194.6	..	..	4.4
Queensland	..	..	76.4	..	..	2.2
South Australia	..	..	39.2	..	..	3.0
Western Australia	..	..	59.5	..	..	3.4
Tasmania	..	..	15.2	..	..	3.8
Northern Territory(c)	..	..	*5.9	..	..	*4.6
Australian Capital Territory	..	..	44.4	..	..	15.9
<i>Australia</i>	..	..	611.9	..	..	3.5
Classical music concerts						
New South Wales	478.2	518.8	540.0	9.5	9.7	9.4
Victoria	305.1	373.1	437.8	8.1	9.3	9.9
Queensland	191.4	251.4	217.6	7.0	8.2	(d)6.3
South Australia	108.6	118.6	108.4	9.1	9.7	8.3
Western Australia	155.5	168.2	164.8	10.7	10.8	9.4
Tasmania	30.3	35.4	36.9	8.2	9.3	9.3
Northern Territory(c)	7.7	8.8	10.1	7.1	7.9	7.9
Australian Capital Territory	33.5	33.7	38.4	14.2	13.3	13.8
<i>Australia</i>	1 310.3	1 508.1	1 554.2	8.8	9.4	8.9
Popular music concerts						
New South Wales	1 265.8	1 280.2	1 674.8	25.0	23.9	(d)29.3
Victoria	934.1	949.3	1 374.0	24.9	23.6	(d)31.1
Queensland	649.1	794.1	968.6	23.7	25.8	27.9
South Australia	333.0	321.2	399.7	27.9	26.2	(d)30.7
Western Australia	399.0	479.9	639.9	27.4	30.8	(d)36.3
Tasmania	100.6	92.0	100.6	27.2	24.1	25.3
Northern Territory(c)	28.7	32.8	40.3	26.6	29.5	31.5
Australian Capital Territory	71.4	86.3	100.0	30.2	34.1	35.9
<i>Australia</i>	3 781.8	4 035.9	5 297.9	25.4	25.2	(d)30.3
Theatre performances						
New South Wales	883.9	904.3	935.5	17.5	16.9	16.4
Victoria	649.5	721.7	767.9	17.3	17.9	17.4
Queensland	346.0	467.3	483.5	12.6	15.2	13.9
South Australia	196.3	215.7	212.3	16.4	17.6	16.3
Western Australia	260.4	261.6	279.2	17.9	16.8	15.9
Tasmania	59.9	74.3	83.9	16.2	19.5	21.1
Northern Territory(c)	17.5	13.5	20.6	16.2	12.1	16.1
Australian Capital Territory	51.4	64.8	64.0	21.7	25.5	22.9
<i>Australia</i>	2 464.9	2 723.2	2 847.0	16.5	17.0	16.3
Dance performances						
New South Wales	472.8	584.9	623.0	9.3	10.9	10.9
Victoria	320.0	400.0	411.0	8.5	9.9	9.3
Queensland	204.0	269.5	312.6	7.4	8.7	9.0
South Australia	114.1	137.0	135.3	9.5	11.2	10.4
Western Australia	152.1	152.1	195.2	10.4	9.7	11.1
Tasmania	37.1	28.8	35.2	10.0	7.5	8.8
Northern Territory(c)	12.2	10.7	18.5	11.3	9.6	14.5
Australian Capital Territory	32.7	42.1	37.7	13.8	16.6	13.5
<i>Australia</i>	1 345.0	1 625.0	1 768.4	9.0	10.2	10.1

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

.. not applicable

(a) Changes in methodology between these surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.

(b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.

(c) Refers to mainly urban areas. See paragraph 7 of Explanatory Notes.

(d) The difference between the 2009–10 attendance rate and the 2005–06 attendance rate is statistically significant.

PERSONS ATTENDING CULTURAL VENUES AND EVENTS, By states and territories(a)—1999, 2005–06 and 2009–10 *continued*

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Musicals and operas						
New South Wales	892.6	890.3	954.6	17.6	16.6	16.7
Victoria	653.2	740.7	904.4	17.4	18.4	20.5
Queensland	351.8	475.9	462.9	12.8	15.4	13.4
South Australia	161.7	159.4	175.7	13.5	13.0	13.5
Western Australia	274.8	230.4	212.9	18.9	14.8	(c) 12.1
Tasmania	42.3	58.5	68.9	11.4	15.3	17.3
Northern Territory(d)	11.4	10.4	15.9	10.5	9.4	12.4
Australian Capital Territory	42.6	48.4	53.9	18.0	19.1	19.3
<i>Australia</i>	<i>2 430.4</i>	<i>2 613.9</i>	<i>2 849.1</i>	<i>16.3</i>	<i>16.3</i>	<i>16.3</i>
Other performing arts event						
New South Wales	1 008.6	822.4	891.0	19.9	15.3	15.6
Victoria	685.1	670.8	796.6	18.3	16.7	18.0
Queensland	408.2	505.3	555.4	14.9	16.4	16.0
South Australia	175.6	250.7	239.7	14.7	20.5	18.4
Western Australia	237.3	274.7	306.9	16.3	17.6	17.4
Tasmania	63.1	64.5	61.6	17.1	16.9	15.5
Northern Territory(d)	17.6	16.4	29.1	16.3	14.8	(c) 22.7
Australian Capital Territory	52.5	50.0	54.7	22.2	19.7	19.6
<i>Australia</i>	<i>2 648.0</i>	<i>2 655.0</i>	<i>2 934.9</i>	<i>17.8</i>	<i>16.6</i>	<i>16.8</i>
Total attending at least one performing arts event						
New South Wales	na	2 629.1	2 941.9	na	49.0	51.4
Victoria	na	2 020.6	2 409.1	na	50.2	(c) 54.5
Queensland	na	1 507.9	1 720.2	na	48.9	49.6
South Australia	na	626.2	683.9	na	51.1	52.5
Western Australia	na	816.8	945.5	na	52.3	53.7
Tasmania	na	184.8	194.8	na	48.4	48.9
Northern Territory(d)	na	53.4	69.3	na	48.1	54.3
Australian Capital Territory	na	157.3	178.2	na	62.1	63.9
<i>Australia</i>	<i>na</i>	<i>7 996.0</i>	<i>9 142.8</i>	<i>na</i>	<i>49.9</i>	<i>(c) 52.3</i>
Cinemas						
New South Wales	3 297.2	3 375.9	3 685.8	65.2	62.9	64.4
Victoria	2 559.1	2 702.2	3 056.7	68.3	67.1	69.2
Queensland	1 828.8	2 058.7	2 387.3	66.7	66.8	68.9
South Australia	798.5	783.6	855.7	66.8	64.0	65.7
Western Australia	1 052.2	1 039.0	1 191.2	72.3	66.6	67.6
Tasmania	200.2	215.5	236.1	54.1	56.4	59.3
Northern Territory(d)	78.0	75.7	87.6	72.2	68.2	68.6
Australian Capital Territory	173.7	180.7	212.4	73.5	71.3	76.1
<i>Australia</i>	<i>9 987.6</i>	<i>10 431.4</i>	<i>11 712.8</i>	<i>67.0</i>	<i>65.2</i>	<i>(c) 67.0</i>
Total attending at least one venue or event						
New South Wales	4 220.7	4 445.9	4 758.4	83.4	82.9	83.2
Victoria	3 178.2	3 418.6	3 856.2	84.8	84.9	(c) 87.2
Queensland	2 310.7	2 660.8	3 016.3	84.3	86.3	87.0
South Australia	1 021.0	1 042.9	1 141.7	85.4	85.1	87.6
Western Australia	1 280.0	1 367.8	1 517.9	87.9	87.6	86.2
Tasmania	296.7	311.6	334.2	80.2	81.5	83.9
Northern Territory(d)	93.6	99.0	116.7	86.6	89.2	91.4
Australian Capital Territory	215.0	227.6	259.3	90.9	89.8	93.0
<i>Australia</i>	<i>12 615.8</i>	<i>13 574.1</i>	<i>15 000.8</i>	<i>84.6</i>	<i>84.8</i>	<i>(c) 85.8</i>

na not available

(a) Changes in methodology between these surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.

(b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.

(c) The difference between the 2009–10 attendance rate and the 2005–06 attendance rate is statistically significant.

(d) Refers to mainly urban areas. See paragraph 7 of Explanatory Notes.

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Total population aged 15 years and over						
New South Wales	5 059.8	5 364.9	5 720.8	..	..	..
Victoria	3 746.5	4 027.8	4 420.3	..	..	..
Queensland	2 741.5	3 083.6	3 466.9	..	..	..
South Australia	1 195.8	1 225.2	1 303.0	..	..	..
Western Australia	1 456.3	1 560.5	1 760.9	..	..	..
Tasmania	370.0	382.1	398.4	..	..	..
Northern Territory(c)	108.1	111.0	127.7	..	..	..
Australian Capital Territory	236.4	253.5	279.0	..	..	..
Australia	14 914.2	16 008.6	17 477.0	..	..	..

.. not applicable

(a) Changes in methodology between these surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.

(b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.

(c) Refers to mainly urban areas. See paragraph 7 of Explanatory Notes.

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Art galleries						
15–17	209.9	188.9	235.8	25.4	23.1	27.3
18–24	354.5	340.2	485.1	19.3	17.6	(c)22.3
25–34	584.5	624.2	723.9	20.5	22.5	23.4
35–44	627.4	691.1	796.6	21.6	23.4	25.7
45–54	639.7	740.5	876.4	25.4	26.6	29.3
55–64	369.6	572.4	754.5	22.2	25.8	(c)30.3
65–74	259.6	297.6	424.5	19.1	21.5	(c)26.9
75 and over	114.5	175.8	227.6	12.0	15.6	(c)19.1
<i>Total</i>	3 159.7	3 630.7	4 524.4	21.2	22.7	(c)25.9
Museums						
15–17	213.1	206.5	254.4	25.8	25.2	29.4
18–24	328.6	303.9	399.0	17.9	15.7	18.4
25–34	588.1	656.2	811.7	20.6	23.6	26.2
35–44	719.5	804.7	990.9	24.8	27.2	(c)32.0
45–54	529.3	698.1	835.6	21.0	25.1	28.0
55–64	309.4	552.3	662.2	18.6	24.9	26.6
65–74	204.9	265.6	350.5	15.1	19.2	22.2
75 and over	82.4	124.7	160.0	8.7	11.0	13.5
<i>Total</i>	2 975.4	3 611.9	4 464.3	19.9	22.6	(c)25.5
Zoological parks and aquariums						
15–17	289.4	343.8	340.6	35.0	42.0	39.4
18–24	660.9	686.2	800.2	36.0	35.4	36.9
25–34	1 279.6	1 292.5	1 428.7	44.8	46.5	46.2
35–44	1 264.0	1 361.4	1 565.6	43.5	46.0	(c)50.5
45–54	758.0	889.0	994.5	30.1	32.0	33.3
55–64	418.2	687.7	753.2	25.2	31.0	30.2
65–74	282.9	314.7	390.3	20.8	22.7	24.7
75 and over	95.5	124.5	151.1	10.0	11.0	12.7
<i>Total</i>	5 048.5	5 699.8	6 424.2	33.9	35.6	36.8
Botanic gardens						
15–17	256.6	171.9	248.5	31.0	21.0	(c)28.8
18–24	645.8	555.9	598.7	35.1	28.7	27.6
25–34	1 152.5	1 045.0	1 194.3	40.4	37.6	38.6
35–44	1 146.3	1 062.4	1 151.4	39.5	35.9	37.1
45–54	984.7	978.1	1 136.7	39.1	35.2	(c)38.0
55–64	561.9	828.4	957.9	33.8	37.4	38.5
65–74	418.1	484.0	564.8	30.8	34.9	35.8
75 and over	213.7	265.2	301.5	22.5	23.5	25.3
<i>Total</i>	5 379.8	5 390.9	6 153.8	36.1	33.7	(c)35.2
Libraries						
15–17	500.6	374.6	346.2	60.5	45.8	40.1
18–24	700.5	656.2	669.1	38.1	33.9	30.8
25–34	1 044.8	910.0	992.1	36.6	32.7	32.1
35–44	1 270.0	1 105.3	1 127.8	43.7	37.3	36.4
45–54	884.4	934.2	998.8	35.1	33.6	33.4
55–64	509.4	671.0	819.2	30.6	30.3	32.9
65–74	466.0	465.8	515.0	34.3	33.6	32.6
75 and over	308.5	337.5	389.2	32.5	29.9	32.7
<i>Total</i>	5 684.1	5 454.5	5 857.3	38.1	34.1	33.5

(a) Changes in methodology between the surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.

(b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.

(c) The difference between the 2009–10 attendance rate and the 2005–06 attendance rate is statistically significant.

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Archives						
15–17	..	..	*29.1	..	..	*3.4
18–24	..	..	38.7	..	..	1.8
25–34	..	..	95.8	..	..	3.1
35–44	..	..	89.4	..	..	2.9
45–54	..	..	158.9	..	..	5.3
55–64	..	..	103.9	..	..	4.2
65–74	..	..	69.9	..	..	4.4
75 and over	..	..	26.2	..	..	2.2
<i>Total</i>	..	..	611.9	..	..	3.5
Classical music concerts						
15–17	41.2	52.0	60.8	5.0	6.4	7.0
18–24	117.8	116.7	127.8	6.4	6.0	5.9
25–34	209.1	193.4	188.1	7.3	7.0	6.1
35–44	252.6	244.7	199.9	8.7	8.3	(c)6.4
45–54	291.8	345.3	306.2	11.6	12.4	(c)10.2
55–64	191.5	284.8	331.4	11.5	12.8	13.3
65–74	134.5	163.1	215.3	9.9	11.8	13.6
75 and over	71.7	108.1	124.6	7.5	9.6	10.5
<i>Total</i>	1 310.3	1 508.1	1 554.2	8.8	9.4	8.9
Popular music concerts						
15–17	308.2	255.1	329.2	37.3	31.2	38.1
18–24	778.6	774.8	967.8	42.4	40.0	44.6
25–34	936.1	860.2	1 243.5	32.8	30.9	(c)40.2
35–44	751.4	742.0	977.2	25.9	25.1	(c)31.5
45–54	571.1	737.8	861.3	22.7	26.5	28.8
55–64	269.9	413.7	581.4	16.2	18.7	(c)23.3
65–74	120.9	179.4	236.4	8.9	12.9	15.0
75 and over	45.7	72.9	101.2	4.8	6.5	8.5
<i>Total</i>	3 781.8	4 035.9	5 297.9	25.4	25.2	(c)30.3
Theatre performances						
15–17	207.3	200.3	164.5	25.1	24.5	19.0
18–24	269.7	306.4	295.7	14.7	15.8	13.6
25–34	500.2	428.1	434.2	17.5	15.4	14.0
35–44	486.7	459.7	504.9	16.8	15.5	16.3
45–54	492.9	565.3	579.5	19.6	20.3	19.4
55–64	269.8	445.2	483.2	16.2	20.1	19.4
65–74	162.2	232.7	268.1	11.9	16.8	17.0
75 and over	76.2	85.4	116.9	8.0	7.6	9.8
<i>Total</i>	2 464.9	2 723.2	2 847.0	16.5	17.0	16.3
Dance performances						
15–17	104.7	154.2	141.3	12.7	18.9	16.3
18–24	137.8	159.4	194.4	7.5	8.2	9.0
25–34	267.6	262.1	251.0	9.4	9.4	8.1
35–44	311.5	362.9	397.9	10.7	12.3	12.8
45–54	270.1	355.8	363.6	10.7	12.8	12.2
55–64	134.8	188.8	231.2	8.1	8.5	9.3
65–74	86.8	93.4	141.1	6.4	6.7	8.9
75 and over	31.6	48.3	47.8	3.3	4.3	4.0
<i>Total</i>	1 345.0	1 625.0	1 768.4	9.0	10.2	10.1

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

.. not applicable

(a) Changes in methodology between the surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.

(b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.

(c) The difference between the 2009–10 attendance rate and the 2005–06 attendance rate is statistically significant.

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Musicals and operas						
15–17	130.3	148.1	142.7	15.8	18.1	16.5
18–24	263.9	266.3	260.7	14.4	13.7	12.0
25–34	486.6	378.1	463.7	17.0	13.6	15.0
35–44	449.4	502.1	500.0	15.5	17.0	16.1
45–54	505.6	527.1	568.8	20.1	19.0	19.0
55–64	297.8	440.7	497.5	17.9	19.9	20.0
65–74	197.1	221.7	283.0	14.5	16.0	17.9
75 and over	99.8	130.0	132.7	10.5	11.5	11.2
<i>Total</i>	2 430.4	2 613.9	2 849.1	16.3	16.3	16.3
Other performing arts						
15–17	135.5	163.4	147.5	16.4	20.0	17.1
18–24	333.0	312.8	332.7	18.1	16.1	15.3
25–34	631.0	529.3	627.3	22.1	19.0	20.3
35–44	678.3	572.2	635.4	23.4	19.3	20.5
45–54	404.2	482.2	511.6	16.1	17.3	17.1
55–64	225.1	353.1	364.1	13.5	15.9	14.6
65–74	163.2	162.1	216.5	12.0	11.7	13.7
75 and over	77.7	79.9	99.7	8.2	7.1	8.4
<i>Total</i>	2 648.0	2 655.0	2 934.9	17.8	16.6	16.8
Total attending at least one performing arts event						
15–17	na	486.0	514.9	na	59.4	59.6
18–24	na	1 100.5	1 270.0	na	56.8	58.5
25–34	na	1 457.2	1 824.7	na	52.4	(c) 59.0
35–44	na	1 561.2	1 714.3	na	52.8	55.3
45–54	na	1 471.1	1 563.2	na	52.9	52.3
55–64	na	1 053.2	1 207.5	na	47.5	48.5
65–74	na	563.4	677.6	na	40.6	42.9
75 and over	na	303.5	370.7	na	26.9	(c) 31.2
<i>Total</i>	na	7 996.0	9 142.8	na	49.9	(c) 52.3
Cinemas						
15–17	751.4	761.7	802.3	90.9	93.1	92.8
18–24	1 622.8	1 637.6	1 851.1	88.3	84.5	85.3
25–34	2 244.2	2 102.7	2 345.3	78.6	75.7	75.8
35–44	2 105.2	2 030.3	2 206.1	72.5	68.6	(c) 71.2
45–54	1 604.8	1 743.8	1 991.2	63.8	62.7	(c) 66.6
55–64	836.1	1 233.2	1 416.5	50.3	55.6	56.9
65–74	564.5	620.7	723.0	41.5	44.8	45.8
75 and over	258.7	301.4	377.3	27.2	26.7	(c) 31.7
<i>Total</i>	9 987.6	10 431.4	11 712.8	67.0	65.2	(c) 67.0
Total attending at least one venue or event						
15–17	798.5	794.7	834.2	96.6	97.1	96.5
18–24	1 730.0	1 793.7	2 019.4	94.1	92.5	93.0
25–34	2 608.1	2 545.6	2 842.0	91.3	91.6	91.8
35–44	2 577.2	2 633.1	2 788.1	88.7	89.0	89.9
45–54	2 109.3	2 345.6	2 526.5	83.8	84.4	84.6
55–64	1 253.3	1 791.8	2 035.4	75.4	80.8	81.7
65–74	967.2	1 007.9	1 188.5	71.2	72.7	75.3
75 and over	572.3	661.9	766.6	60.2	58.6	(c) 64.4
<i>Total</i>	12 615.8	13 574.1	15 000.8	84.6	84.8	(c) 85.8

na not available

(a) Changes in methodology between the surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.

(b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.

(c) The difference between the 2009–10 attendance rate and the 2005–06 attendance rate is statistically significant.

	NUMBER OF PERSONS ('000)			ATTENDANCE RATE (%)		
	1999	2005–06	2009–10	1999	2005–06	2009–10(b)
Total population aged 15 years and over						
15–17	827.0	818.1	864.4	..	..	..
18–24	1 838.0	1 938.3	2 171.1	..	..	..
25–34	2 856.2	2 779.3	3 094.6	..	..	..
35–44	2 904.6	2 959.6	3 100.6	..	..	..
45–54	2 517.0	2 779.5	2 987.6	..	..	..
55–64	1 662.2	2 217.3	2 491.2	..	..	..
65–74	1 358.7	1 386.2	1 577.6	..	..	..
75 and over	950.4	1 130.2	1 189.8	..	..	..
<i>Total</i>	<i>14 914.2</i>	<i>16 008.6</i>	<i>17 477.0</i>	..	..	..

.. not applicable

(a) Changes in methodology between the surveys may affect the validity of comparisons. See paragraph 23 of Explanatory Notes for more information.

(b) Care should be taken when interpreting the data presented in this table as most of the changes between the years are not statistically significant. See the Technical Note for more details.

EXPLANATORY NOTES

INTRODUCTION

1 The statistics presented in this publication were compiled from data on attendance at selected cultural venues and events, collected using the Australian Bureau of Statistics 2009–10 Multipurpose Household Survey (MPHS).

2 The MPHS is designed to provide annual statistics for a number of small, self-contained topics. In 2009–10 the topics were:

- Attendance at selected cultural venues and events
- Sports attendance
- Participation in sport and physical recreation
- Work related injuries
- Crime victimisation
- Family characteristics
- Patient experience

3 The 2009–10 MPHS collected attendance at cultural venues and events data for persons aged 15 years and over. Attendance at cultural venues and events data for persons aged 15 years and over has previously been collected by the ABS through: the Survey of Attendance at Selected Cultural/Leisure Venues, a supplementary survey to the Monthly Population Survey (MPS) in June 1991, March 1995, and April 1999; the General Social Survey (GSS) in 2002 and 2006; and in the 2005–06 MPHS. This publication presents time series data comparing estimates from the 2009–10 survey with estimates in the 2005–06 and 1999 surveys.

4 Data for other 2009–10 topics will be released in separate publications. For all MPHS topics, information on labour force characteristics, education, income and other demographics are also available. In 2011, expanded Confidentialised Unit Record Files (CURFs) will be released containing data from selected 2009–10 topics.

SCOPE

5 The scope of the Labour Force Survey (LFS) is restricted to people aged 15 years and over and excludes the following:

- members of the permanent defence forces
- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated resident populations
- overseas residents in Australia
- members of non-Australian defence forces (and their dependants).

6 In addition, the 2009–10 MPHS excluded the following from scope:

- people living in very remote parts of Australia
- people living in special dwellings such as hotels, university residences, students at boarding schools, patients in hospitals, residents of homes (e.g. retirement homes, homes for persons with disabilities, women's shelters), and inmates of prisons.

7 This supplementary survey was conducted in both urban and rural areas in all states and territories, but excluded persons living in very remote parts of Australia. The exclusion of these people is unlikely to impact on the state and territory estimates, except the Northern Territory where they account for approximately 23% of the total population.

COVERAGE

8 The coverage of 2009–10 MPHS was the same as the scope of 2009–10 MPHS except that persons living in Indigenous communities in non-very remote areas were not covered for operational reasons.

9 In the LFS, rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection in the survey. See *Labour Force, Australia* (cat. no. 6202.0) for more details.

EXPLANATORY NOTES *continued*

DATA COLLECTION

10 The 2009–10 MPHS was conducted as a supplement to the monthly LFS. Each month one eighth of the dwellings in the LFS sample were rotated out of the survey. Over 80% of these dwellings were then selected for the MPHS each month. In these dwellings, after the LFS had been fully completed for each person in scope and coverage, a person aged 15 years or over was selected at random (based on a computer algorithm) and asked the MPHS questions in a personal interview. If the randomly selected person was aged 15 to 17 years, permission was sought from a parent or guardian before conducting the interview. If permission was not given, the parent or guardian was asked the questions on behalf of the 15 to 17 year old. Data were collected using Computer Assisted Interviewing (CAI), whereby responses were recorded directly onto an electronic questionnaire in a notebook computer, usually during a telephone interview.

11 For the 2009–10 MPHS, the sample was accumulated over a twelve month period from July 2009 to June 2010.

12 The publication *Labour Force, Australia* (cat. no. 6202.0) contains information about survey design, sample redesign, scope, coverage and population benchmarks relevant to the monthly LFS, which also applies to supplementary surveys. It also contains definitions of demographic and labour force characteristics, and information about telephone interviewing relevant to both the monthly LFS and supplementary surveys.

SAMPLE SIZE

13 The sample size may vary for different topics in the MPHS. The initial sample for the 2009–10 MPHS was 38,655 private dwellings, from which one person was randomly selected. Of the 32,760 private dwellings that remained in the survey after sample loss (for example, dwellings selected in the survey which had no residents in scope for the LFS, vacant or derelict dwellings and dwellings under construction), 28,554 or 87% of those dwellings fully responded to the MPHS. Approximately 50% of the fully responding MPHS dwelling sample were asked questions on attendance at selected cultural venues and events (14,205 persons/households).

WEIGHTING, BENCHMARKING AND ESTIMATION

Weighting

14 Weighting is the process of adjusting results from a sample survey to infer results for the total in-scope population. To do this, a 'weight' is allocated to each covered sample unit which for the MPHS can be either a person or a household. The weight is a value which indicates how many population units are represented by the sample unit. The first step in calculating weights for each unit is to assign an initial weight, which is the inverse of the probability of being selected in the survey. For example, if the probability of a person being selected in the survey was 1 in 600, then the person would have an initial weight of 600 (i.e. they represent 600 people).

Benchmarking

15 The initial weights were calibrated to align with independent estimates of the population of interest, referred to as 'benchmarks', in designated categories of sex by age by state or territory and part of state or territory. Weights calibrated against population benchmarks ensure that the survey estimates conform to the independently estimated distribution of the population rather than the distribution within the sample itself. Calibration to population benchmarks helps to compensate for over or under-enumeration of particular categories of persons/households which may occur due to either the random nature of sampling or non-response.

16 For person estimates, the MPHS was benchmarked to the Estimated Resident Population (ERP) in each state and territory, excluding the ERP living in very remote areas of Australia, at 31 March 2010. For household estimates, the MPHS was benchmarked to independently calculated estimates of total number of households in Australia. The MPHS estimates do not (and are not intended to) match estimates for the total Australian person/household population obtained from other sources (which may include persons living in very remote parts of Australia).

EXPLANATORY NOTES *continued*

Estimation

17 Survey estimates of counts of persons or households are obtained by summing the weights of persons or households with the characteristic of interest. Estimates of non-person counts (e.g. days spent attending an event) are obtained by multiplying the characteristic of interest with the weight of the reporting person/household and aggregating.

RELIABILITY OF ESTIMATES

18 All sample surveys are subject to error which can be broadly categorised as either:

- sampling error; or
- non-sampling error.

Sampling Error

19 Sampling error is the difference between the published estimates, derived from a sample of persons, and the value that would have been produced if the total population (as defined for the scope of the survey) had been included in the survey. For more information refer to the Technical Note.

Non-sampling Error

20 Non-sampling error may occur in any collection, whether it is based on a sample or a full count such as a census. Sources of non-sampling error include non-response, errors in reporting by respondents, or recording of answers by interviewers and errors in coding and processing data. Every effort is made to reduce non-sampling error by careful design and testing of questionnaires, training and supervision of interviewers, extensive editing and quality control procedures at all stages of data processing, and follow up of initial non-respondents.

INTERPRETATION OF RESULTS

21 This publication presents details of people who attended a cultural venue or event at least once during the 12 months before interview in 2009–10. While the tables provide the number of attendees and the attendance rate, it is also possible to calculate the details of non-attendees.

22 The data presented cannot be compared with any 'total admissions' administrative data held by cultural venues, since details in relation to attendees under 15 years of age were not part of the survey. In addition, total admissions data includes multiple attendances while the MPHS provides data on how many times a respondent visited a cultural venue or event.

HISTORICAL COMPARISONS

23 Tables 11 and 12 provide comparisons of the current data with data collected from the April 1999 MPS and 2005–06 MPHS. Methodological differences between these surveys may affect the validity of comparisons. It is not possible to determine the extent to which the differences between the 2009–10 MPHS and the April 1999 MPS and 2005–06 MPHS survey methodologies have contributed to the different results.

24 Data on attendance at selected cultural venues and events were also collected on the 2002 and 2006 General Social Survey (GSS). Analysis of cultural attendance data collected on the 2006 GSS and data collected on the 2005–06 MPHS has shown that the results from the two surveys are significantly different. As the data was collected over a similar time period, the differences in survey methodologies have had an impact on the survey results. It is not possible to quantify the extent of this impact. Thus, the GSS results are not comparable to the MPHS results.

25 GSS time series data is presented in the publication *General Social Survey: Summary of Results, Australia, 2006* (cat. no. 4159.0). This provides a comparison between attendance in 2002 and 2006 as collected at both time points by the General Social Survey using the same survey methodology.

COMPARABILITY WITH MONTHLY LFS STATISTICS

26 Due to differences in the scope and sample size of the MPHS and that of the LFS, the estimation procedure may lead to some small variations between labour force estimates from this survey and those from the LFS.

EXPLANATORY NOTES *continued*

FUTURE SURVEYS

27 The ABS will conduct the MPHS again during the 2010–11 financial year. The 2010–11 MPHS topics are:

- Education and Household income (core)
- Household use of IT
- Barriers and incentives to labour force participation
- Retirement and retirement intentions
- Patient Experience
- Crime Victimisation
- Cultural Participation
- Learning and Work History

28 The MPHS is likely to be the main survey vehicle for the collection of future attendance at cultural venues and events data. The ABS is planning to collect attendance at cultural venues and events data again in the reference period 2013–14. The scope of the survey is expected to remain as persons aged 15 years and over.

ACKNOWLEDGEMENT

29 ABS surveys 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

30 The Survey of Children's Participation in Cultural and Leisure Activities provides details on participation in selected organised cultural activities (including singing, dancing, drama and playing a musical instrument) for children aged 5–14 years. Results from the 2009 survey have been published in *Children's Participation in Cultural and Leisure Activities, Australia, April 2009* (cat. no. 4901.0). The ABS's Survey of Disability, Ageing and Carers (2003) also collected information regarding whether persons aged 5 years and over with a disability had attended a cultural venue or event away from home in the previous 12 months. Data from this survey has been published in *Disability, Ageing and Carers: Summary of Findings, Australia, 2003* (cat. no. 4430.0). Attendance at cultural venues and events (but not frequency of attendance) was also collected in the GSS 2006 and results from this survey were released in the publication *General Social Survey: Summary Results, Australia, 2006* (cat. no. 4159.0).

31 ABS publications containing cultural information include:

- *General Social Survey: Summary Results, Australia, 2006* (cat. no. 4159.0)
- *Australian Culture and Leisure Classifications, 2008 (Second Edition)* (cat. no. 4902.0)
- *Work in Selected Culture and Leisure Activities, April 2007* (cat. no. 6281.0)
- *Cultural Funding by Government, Australia, 2008–09* (cat. no. 4183.0)
- *How Australians Use Their Time, 2006* (cat. no. 4153.0)
- *Children's Participation in Cultural and Leisure Activities, Australia, April 2009* (cat. no. 4901.0)
- *Disability, Ageing and Carers: Summary of Findings, Australia, 2003* (cat. no. 4430.0)
- *Museums, Australia, 2007–08* (cat. no. 8560.0)
- *Public Libraries, Australia, 2003–04* (cat. no. 8561.0)
- *Botanic Gardens, Australia, 1999–2000* (cat. no. 8563.0)
- *Motion Picture Exhibition, Australia, 1999–2000* (cat. no. 8654.0)
- *Performing Arts, Australia, 2006–07* (cat. no. 8697.0)
- *Zoos, Parks and Gardens Industry, Australia, 1996–97* (cat. no. 8699.0)

32 The ABS issues a daily release advice on the web site which details products to be released in the week ahead.

EXPLANATORY NOTES *continued*

ABBREVIATIONS

ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
Aust.	Australia
CAI	computer assisted interviewing
CURF	confidentialised unit record file
ERP	estimated resident population
GSS	General Social Survey
LFS	Labour Force Survey
MPHS	Multipurpose Household Survey
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

RELIABILITY OF THE ESTIMATES

1 Since the estimates in this publication are based on information obtained from a sample of persons, they are subject to sampling variability. That is, they may differ from those that would have been produced had all persons 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 persons was included. There are about 2 chances in 3 that the sample estimate will differ by less than one SE from the number that would have been obtained if all persons had been surveyed, and about 19 chances in 20 that the difference will be less than two SEs.

2 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.

$$RSE\% = \left(\frac{SE}{estimate} \right) \times 100$$

3 RSEs for these estimates are available to download free-of-charge as Excel spreadsheets from *Attendance at Selected Cultural Venues and Events, Australia, 2009–10* (cat. no. 4114.0).

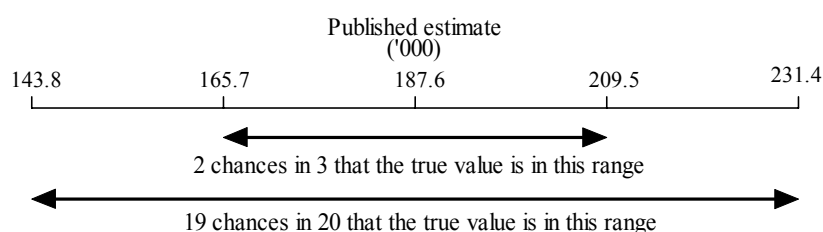
4 In the tables in this publication, only estimates (numbers or percentages) with RSEs less than 25% are considered sufficiently reliable for most purposes. However, estimates with larger RSEs have been included and are preceded by an asterisk (e.g.*3.4) to indicate they are subject to high SEs relative to their estimate and should be used with caution. Estimates with RSEs greater than 50% are preceded by a double asterisk (e.g.**2.1) to indicate that they are considered too unreliable for general use.

CALCULATION OF STANDARD ERRORS

5 Standard errors can be calculated using the estimates (counts or percentages) and the corresponding RSEs. For example, Table 3 shows the estimated number of Females 15–17 years old who attended popular music concerts to be 187,600. The corresponding RSE table available on the ABS website shows the RSE for this estimate is 11.7%. The SE is calculated by:

$$\begin{aligned} SE \text{ of estimate} &= \left(\frac{RSE\%}{100} \right) \times estimate \\ &= 0.117 \times 187,600 \\ &= 21,900 \end{aligned}$$

6 Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall within the range 165,700 and 209,500 and about 19 chances in 20 that the value will fall within the range 143,800 to 231,400. This example is illustrated in the diagram below.



PROPORTIONS AND PERCENTAGES

7 Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. The formula to approximate the RSE of a percentage is given below. The formula is only valid when x is a subset of y:

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

PROPORTIONS AND PERCENTAGES *continued*

8 As an example, using estimates from Table 3, of the 405,700 females age 15-17 years, 187,600, or 46.2% attended popular music concerts in the 12 months prior to being surveyed. The RSE for 187,600 is 11.7% and the RSE for 405,700 is 5.7% (see Table 3 Relative Standard Errors in the RSE Tables section on the ABS website). Applying the above formula, the RSE for the percentage of females age 15-17 years who attended popular music concerts in the 12 months prior to being surveyed is:

$$RSE = \sqrt{[(11.7)]^2 - [(5.7)]^2} = 10.22\%$$

9 Therefore, the SE for the percentage of females age 15-17 years who attended popular music concerts in the 12 months prior to being surveyed, is 4.7 percentage points (=10.22/100 x 46.2%). Hence, there are about two chances in three that the percentage of females age 15-17 years who attended popular music concerts in the 12 months prior to being surveyed is between 41.5% and 50.9%, and 19 chances in 20 that the percentage is between 36.8% and 55.6%.

DIFFERENCES

10 Published estimates may also be used to calculate the difference between two survey estimates (of counts or percentages). Such an estimate is subject to sampling error. The sampling error of the difference between two estimates depends on their SEs and the relationship (correlation) between them. An approximate SE of the difference between two estimates (x-y) may be calculated by the following formula:

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

SIGNIFICANCE TESTING

11 A statistical significance test for any of the comparisons between estimates can be performed to determine whether it is likely that there is a difference between the corresponding population characteristics. The standard error of the difference between two corresponding estimates (x and y) can be calculated using the formula shown prior to this paragraph. This standard error is then used to calculate the following test statistic:

$$\left(\frac{x-y}{SE(x-y)} \right)$$

12 If the absolute value of this test statistic is greater than 1.96, there is evidence of a statistically significant difference (with a 95% level of confidence) in the two estimates with respect to that characteristic. Otherwise, it cannot be stated with confidence that there is a real difference between the populations with respect to that characteristic.

13 The selected tables in this publication that show the results of significance testing are annotated to indicate where the estimates which have been compared are significantly different from each other with respect to the test statistic. In all other tables which do not show the results of significance testing, users should take account of RSEs when comparing estimates for different populations.

14 The imprecision due to sampling variability, labelled sampling error, should not be confused with non-sampling error. Non-sampling error may occur in any collection, whether it is based on a sample or a full count such as a census. Sources of non-sampling error include non-response, errors in reporting by respondents or recording answers by interviewers and errors in coding and processing data. Every effort was made to reduce the non-sampling error by careful design and testing of the questionnaire, training and supervision of interviewers, extensive editing and quality control procedures at all stages of data processing and follow up of initial non-respondents.

RELATIVE STANDARD ERRORS

15 Limited space does not allow the SEs and/or RSEs of all the estimates to be shown in this publication. Only RSEs for Table 1 are included below. However, RSEs for all tables are available free-of-charge on the ABS website <www.abs.gov.au>, released in spreadsheet format as an attachment to this publication.

TECHNICAL NOTE DATA QUALITY *continued*

ATTENDANCE RATE AT CULTURAL EVENTS AND VENUES, By states and territories—2009–10

	NSW	Vic.	Qld.	SA	WA	Tas.	NT(a)	ACT	Aust.
ATTENDANCE RATE (%)									
Art galleries	25.7	26.2	25.7	25.6	22.7	26.8	30.2	45.9	25.9
Museums	23.2	25.6	25.5	28.2	23.9	36.0	44.6	46.2	25.5
Zoological parks and aquariums	35.2	38.5	32.7	40.9	41.6	30.6	53.1	43.6	36.8
Botanic gardens	31.5	40.0	36.0	36.6	31.4	35.2	43.1	39.6	35.2
Libraries	32.4	33.4	35.5	35.4	31.1	34.5	35.8	38.4	33.5
Archives	3.1	4.4	2.2	3.0	3.4	3.8	*4.6	15.9	3.5
Performing arts									
Classical music concerts	9.4	9.9	6.3	8.3	9.4	9.3	7.9	13.8	8.9
Popular music concerts	29.3	31.1	27.9	30.7	36.3	25.3	31.5	35.9	30.3
Theatre performances	16.4	17.4	13.9	16.3	15.9	21.1	16.1	22.9	16.3
Dance performances	10.9	9.3	9.0	10.4	11.1	8.8	14.5	13.5	10.1
Musicals and operas	16.7	20.5	13.4	13.5	12.1	17.3	12.4	19.3	16.3
Other performing arts	15.6	18.0	16.0	18.4	17.4	15.5	22.7	19.6	16.8
Total attending at least one performing arts event	51.4	54.5	49.6	52.5	53.7	48.9	54.3	63.9	52.3
Cinemas	64.4	69.2	68.9	65.7	67.6	59.3	68.6	76.1	67.0
Total attending at least one venue or event	83.2	87.2	87.0	87.6	86.2	83.9	91.4	93.0	85.8
ATTENDANCE RATE RSE (%)									
Art galleries	3.3	3.6	4.0	6.4	4.8	6.7	8.2	5.4	1.6
Museums	3.7	3.2	4.7	5.3	4.2	4.8	5.3	6.2	1.9
Zoological parks and aquariums	3.1	2.8	3.4	3.5	2.6	4.6	3.9	6.6	1.5
Botanic gardens	3.3	2.3	3.7	5.5	3.9	5.6	6.3	5.6	1.3
Libraries	2.5	3.7	2.9	3.8	3.3	6.8	6.7	6.8	1.5
Archives	10.4	8.3	13.9	12.4	13.0	15.5	29.9	11.1	4.5
Performing arts									
Classical music concerts	7.1	5.5	8.8	10.0	8.5	11.4	16.6	12.3	2.8
Popular music concerts	3.5	3.4	3.2	4.2	3.0	5.2	6.3	5.9	1.7
Theatre performances	5.3	4.9	5.6	6.2	7.4	8.2	11.0	8.5	2.5
Dance performances	5.2	6.3	9.5	6.9	8.1	9.1	13.8	14.4	2.7
Musicals and operas	4.2	4.6	5.2	8.7	5.2	7.0	14.3	9.3	2.4
Other performing arts	4.9	5.1	4.4	6.3	4.5	8.9	12.5	9.9	2.4
Total attending at least one performing arts event	2.2	2.0	1.8	3.3	2.4	3.6	5.0	3.8	1.1
Cinemas	1.4	1.1	1.4	2.1	1.9	3.1	3.3	2.6	0.7
Total attending at least one venue or event	0.9	0.9	0.7	1.0	1.1	1.7	1.5	1.5	0.4

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

(a) Refers to mainly urban areas. See paragraph 7 of Explanatory Notes.

GLOSSARY

Age	This is the person's age on their last birthday.
Archives	Respondents were asked whether they had been to any archives in the last 12 months. This category included the National Archives of Australia or any of their reading rooms in any of the states and territories; The National Film and Sound Archive or one of their access centres in any of the states and territories; and the State/Territory Archives. Other archives including those at a church, school, council or historical society were excluded, as was online access to an archive.
Advanced diploma and diploma	This level provides a knowledge and skills base, incorporating theoretical concepts, with substantial depth in some areas.
Art galleries	Respondents were asked whether they had been to any public art galleries in the last 12 months. It was left to the respondent to interpret what was meant by 'public art galleries'. This category could include national, state and regional galleries primarily engaged in the collection, acquisition, research into, conservation, communication and exhibition of visual art and craft objects. If the respondent asked for clarification they were advised to exclude commercial art galleries where works are exhibited for sale, the viewing of a display or collection by chance rather than by intention, and visiting an art gallery to attend the launch of products or if the primary purpose was to go to a cafe, restaurant or shop.
Attendance rate	For any group, this is calculated by expressing the number of people who attended a venue or event at least once during the year as a percentage of the population aged 15 years and over in the same group.
Bachelor degree	This level provides study of a systematic and coherent broad body of knowledge, the underlying principles and concepts and the associated communication and problem-solving skills. This level develops the academic skills necessary to comprehend and evaluate new information, concepts and evidence from a range of sources.
Balance of state/territory	This category comprises people usually resident in areas outside of the six state capital city Statistical Divisions, including all residents of the Northern Territory (except those in very remote areas) and the Australian Capital Territory.
Botanic gardens	Respondents were asked whether they had been to any botanic gardens in the last 12 months. It was left to the respondent to interpret what was meant by 'botanic gardens'. This category could include institutions established as a large garden to collect, study, exchange and display native and/or exotic plants. If the respondent asked for clarification they were advised to exclude conservation parks, national parks, use of a botanic garden for the sole purpose of exercise, and garden and flower shows.
Capital cities	The areas determining the six state capital cities are the Statistical Divisions for those capital cities defined in <i>Australian Standard Geographical Classification (ASGC)</i> (cat.no. 1216.0). Darwin and Canberra statistical divisions are included in the 'Balance of state/territory' category.
Certificate	This level provides a knowledge and skills base ranging from an understanding of basic concepts and the ability to perform a defined range of routine and predictable activities, to a breadth, depth and complexity of knowledge incorporating some theoretical concepts and the ability to apply knowledge and skills to a variety of contexts most of which are complex and non-routine. Levels III and IV provide a broad knowledge base incorporating some theoretical concepts and the skills necessary: to perform a broad range of skilled applications; to provide technical advice of a complex nature; and to provide workgroup leadership when organising activities. Levels I and II provide a knowledge and skills base ranging from basic knowledge in a narrow range of areas to basic operational knowledge in a moderate range of areas.

GLOSSARY *continued*

Cinemas	Respondents were asked whether they had been to a cinema or drive-in in the last 12 months. It was left to the respondent to interpret what was meant by 'cinema or drive-in'. This category could include public screenings of films at other locations (e.g. at a community hall) in addition to cinema screenings. If the respondent asked for clarification they were advised to exclude movies viewed on public transport.
Classical music concerts	Respondents were asked whether they had been to any classical music concerts in the last 12 months. It was left to the respondent to interpret what was meant by 'classical music concerts'. This category could include performances given by symphony, philharmonic, youth and theatre orchestras, chamber and choral groups presenting, in the main, performances of classical, oratorio, early and contemporary music. Individual performers and singers, vocal ensembles and other groups presenting music, other than popular music, may also be included. If the respondent asked for clarification they were advised to exclude opera or operetta and primary or secondary school productions.
Couple family	A household consisting of a couple and at least one dependent child usually resident in the household. Related non-dependent children may also be present in the household. Households which also have other related or unrelated residents are included.
Couple only	A household consisting of a couple with no other related or unrelated persons usually resident.
Dance performances	Respondents were asked whether they had been to any dance performances in the last 12 months. It was left to the respondent to interpret what was meant by 'dance performances'. These performances could include ballet, classical dance, contemporary dance, modern dance, dance theatre, dance revue, ethnic and folk dance companies and dance in education companies. If the respondent asked for clarification they were advised to exclude eisteddfods, variety dance shows such as 'dance on ice' and primary or secondary school performances.
Dependent child/ren	These are all people aged under 15 years; and people aged 15–24 years who are full-time students, have a parent in the household and do not have a partner or child of their own in the household.
Employed	<p>All persons aged 15 years and over who, during the reference week:</p> <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: <ul style="list-style-type: none"> ■ away from work for less than four weeks up to the end of the reference week; or ■ away from work for more than four weeks up to the end of the reference week and received pay for some or all of the four week period to the end of the reference week; or ■ away from work as a standard work or shift arrangement; or ■ on strike or locked out; or ■ on workers' 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.
Equivalised household income	<p>Equivalising adjusts actual income to take into account the different needs of the households of different sizes and compositions. There are economic advantages associated with living with others, because household resources, especially housing, can be shared.</p> <p>The equivalence scale used to obtain equivalised income is that used in studies by the Organisation for Economic Co-operation and Development (OECD) and is referred to as the 'modified OECD scale'. The scale gives a weight of 1.0 to the first adult in the household, a weight of 0.5 for each additional adult (persons aged 15 years and over)</p>

GLOSSARY *continued*

Equivalised household income <i>continued</i>	<p>and a weight of 0.3 for every child. For each household, the weights of the household members are added together to form a household weight. Total household income is then divided by the household weight to give an income that a lone person household would need for a similar standard of living.</p> <p>Equivalised household income can be viewed as an indicator of the economic resources available to each member of the household.</p>
Family	This comprises two or more people, one of whom is at least 15 years of age, who are related by blood, marriage (registered or de facto), adoption, step or fostering, and who usually live in the same household. A separate family is formed for each married couple, or for each set of parent-child relationships where only one parent is present.
Full-time workers	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.
Graduate diploma and graduate certificate	This level provides graduate specialisation within a systematic and coherent body of knowledge, and develops or broadens vocational knowledge, skills and practical experience in a new or existing field of professional study.
Household	A household is defined as a group of two or more related or unrelated people who usually reside in the same dwelling, who regard themselves as a household, and who make common provision for food or other essentials for living; or a person living in a dwelling who makes provision for his/her own food and other essentials for living, without combining with any other person.
Income quintiles	When originally ranking and deriving income quintiles, the same dollar values can appear in adjoining quintiles. The quintile boundaries were then adjusted so that each quintile range was mutually exclusive. The impact of this is minor but it should be noted that the income quintiles only approximate 20% of the estimated population. Cases where the income was not stated, not known or refused are recorded as 'Income not known or not stated' and were excluded from the calculation of the quintiles. See also Quintiles.
Labour force status	A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.
Libraries	Respondents were asked whether they had made use of a local, council, state or national library in the last 12 months. It was left to the respondent to interpret what was meant by this. This category includes national and state libraries as well as public libraries. The latter are institutions funded by state and local government which are primarily engaged in the provision of a free library service to the population of a community or region. Special libraries and those located in educational institutions are excluded from this category. If the respondent asked for clarification they were advised to exclude visits to libraries if the primary purpose was to go to a cafe, restaurant or shop.
Lone person household	A household consisting of a person living alone.
Main English-speaking countries	The list of main English-speaking countries (MESC) provided here is not an attempt to classify countries on the basis of whether or not English is the predominant or official language of each country. It is a list of the main countries from which Australia receives, or has received, significant numbers of overseas settlers who are likely to speak English. These countries comprise the United Kingdom, the Republic of Ireland, New Zealand, Canada, South Africa and the United States of America. Non-MESC describes people originating from countries where a language other than English is likely to be spoken by migrants. It is important to note that being from a non main English-speaking country does not imply a lack of proficiency in English.

GLOSSARY *continued*

Museums	Respondents were asked whether they had been to any museums in the last 12 months. It was left to the respondent to interpret what was meant by 'museums'. These could include organisations involved in the collection, acquisition, research into, conservation, communication and exhibition of the material evidence of people, their culture and environment, for the purposes of study, education and enjoyment by the general public and/or specialists. If the respondent asked for clarification they were advised to include science and technology, history, natural science, transport and specialist museums, science centres, museums and art galleries combined, and historical theme parks, and to exclude art museums and galleries and visits to museums if the primary purpose was to go to a cafe, restaurant or shop.
Musicals and operas	Respondents were asked whether they had been to any musicals or any operas in the last 12 months. It was left to the respondent to interpret what was meant by 'musicals' and 'operas'. This category could include major musical productions, operas and operettas, performed in front of a live audience. If the respondent asked for clarification they were advised to exclude variety, cabaret and instrumental music performances and primary or secondary school productions.
Non-dependent child/ren	These are all people aged 15 years or over (except those aged 15–24 years who are full-time students) who have a parent in the household and do not have a partner or child of their own in the household.
Not in labour force	Persons who were not in the categories employed or unemployed as defined.
One-parent family	A household consisting of a lone parent and at least one dependent child usually resident in the household. Related non-dependent children may also be present in the household. Households which also have other related or unrelated residents are included.
Other households	Comprises all households not otherwise defined, including multiple family households, and households consisting of unrelated adults.
Other performing arts	Respondents were asked whether they had been to any other performing arts (excluding music concerts, operas, musicals, theatre and dance performances) in the last 12 months. It was left to the respondent to interpret what was meant by 'other performing arts'. This category could include performing artists, working individually or in groups or companies. Some examples may be acrobats, clowns, fire eaters, sword swallowers, stilt walkers, trick cyclists, magicians, ventriloquists, pantomime and mime artists, comedians, ice dancing, reciters, poetry readers and oral history performance artists. This category also includes variety shows, revues, and circuses.
Part-time workers	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.
Popular music concerts	Respondents were asked whether they had been to any other music concerts, excluding classical music concerts, in the last 12 months. It was left to the respondent to interpret what was meant by 'other music concerts'. This category may include the presentation, in front of live audiences, of popular music performances by individual musicians and vocalists as well as by orchestras, brass and concert bands, music groups, etc. If the respondent asked for clarification they were advised to include country and western concerts, ethnic and multicultural music, pub bands, concerts in the park, performing disc jockeys, and watching the taping of popular music-based television shows. They were advised to exclude busking and street parades, demonstrations, sporting events, performances that the respondent viewed while pursuing another activity and primary or secondary school productions.
Postgraduate degree	This level provides for in-depth study in a particular field, and builds on the knowledge and skills gained from previous study. There is usually emphasis on original research. This level includes Doctorates and Master Degrees, either by research or course work.

GLOSSARY *continued*

Quintiles	Groupings that result from ranking all households or people in the population in ascending order according to some characteristic such as their income and then dividing the population into five equal groups, each comprising around 20% of the estimated population. See also Income quintiles.
Theatre performances	Respondents were asked whether they had been to any theatre performance, such as a play or drama, in the last 12 months. These could include live performances, by actors or puppets, of plays where the entire, or a major part of the performance, does not use song and music. If the respondent asked for clarification they were advised to include alternate, playback, puppet, fringe, youth and community theatre, theatre sports and theatre of the deaf as well as drama, comedy, mime and theatre-in-education. They were advised to exclude circuses, touring 'club' shows, variety acts, operas and musicals, and primary and secondary school performances.
Unemployed	Persons aged 15 years and over who were not employed during the reference week, 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 reference week and were available for work in the reference week; or ■ were waiting to start a new job within four weeks from the end of the reference week and could have started in the reference week if the job had been available then.
Usual residence	A usual residence is a dwelling that is a person's only or main residence. If a person resided in more than one dwelling, the usual residence was the dwelling with which the person had the strongest family and/or economic ties. This would normally be the person's permanent home base or place of permanent address.
Year 12	This level provides the basis for further study in both higher education and vocational education and training, and for entry to the workforce. Year 12 marks the completion of secondary education.
Year 11	This level provides the basis for further study in both higher education and vocational education and training, and for entry to the workforce.
Year 10	This level develops knowledge of specific subjects by expanding on Year 9 education. It also provides a foundation for lifelong learning by preparing students for further study and enabling them to acquire work-related skills necessary for entry to the workforce.
Zoological parks and aquariums	Respondents were asked whether they had been to any zoos, wildlife parks or aquariums or marine parks in the last 12 months. It was left to the respondent to interpret what was meant by 'zoos', 'wildlife parks', 'aquariums' and 'marine parks'. This category could include zoological gardens, other wildlife parks, aquariums and marine parks primarily engaged in the breeding, preservation, study and display of native and/or exotic fauna in captivity, enclosures or natural environments, so as to be accessible to the general public. If the respondent asked for clarification they were advised to exclude national parks and sanctuaries, as well as marine parks such as the Great Barrier Reef.

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