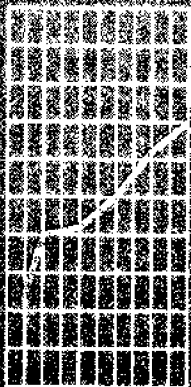


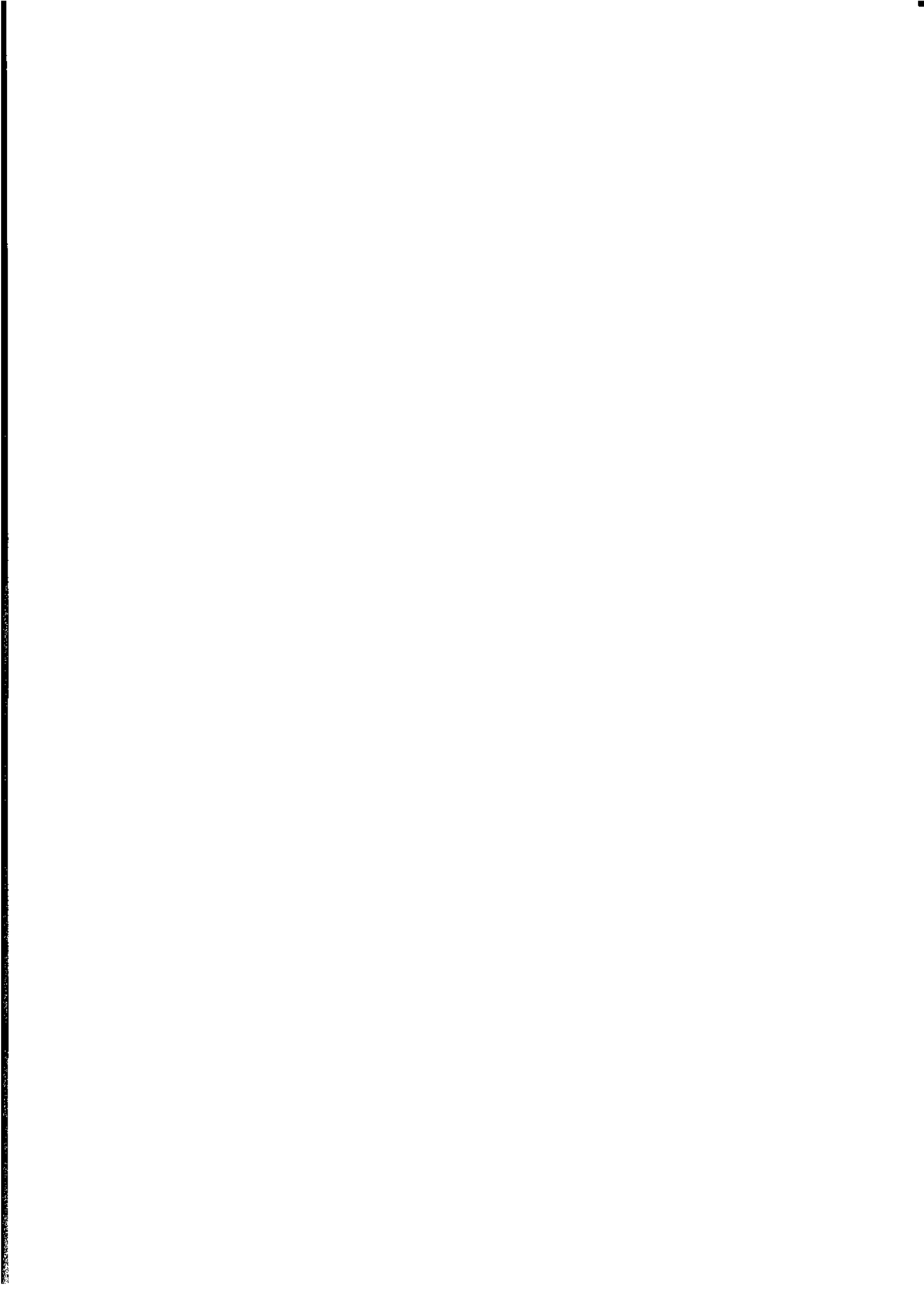
October 1996

Leisure Participation

Victoria

Victoria





EMBARGOED UNTIL 11.30 A.M. 24 MARCH 1997

**LEISURE PARTICIPATION,
VICTORIA
OCTOBER 1996**

**Stuart Jackson
Regional Director**

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 4176.2

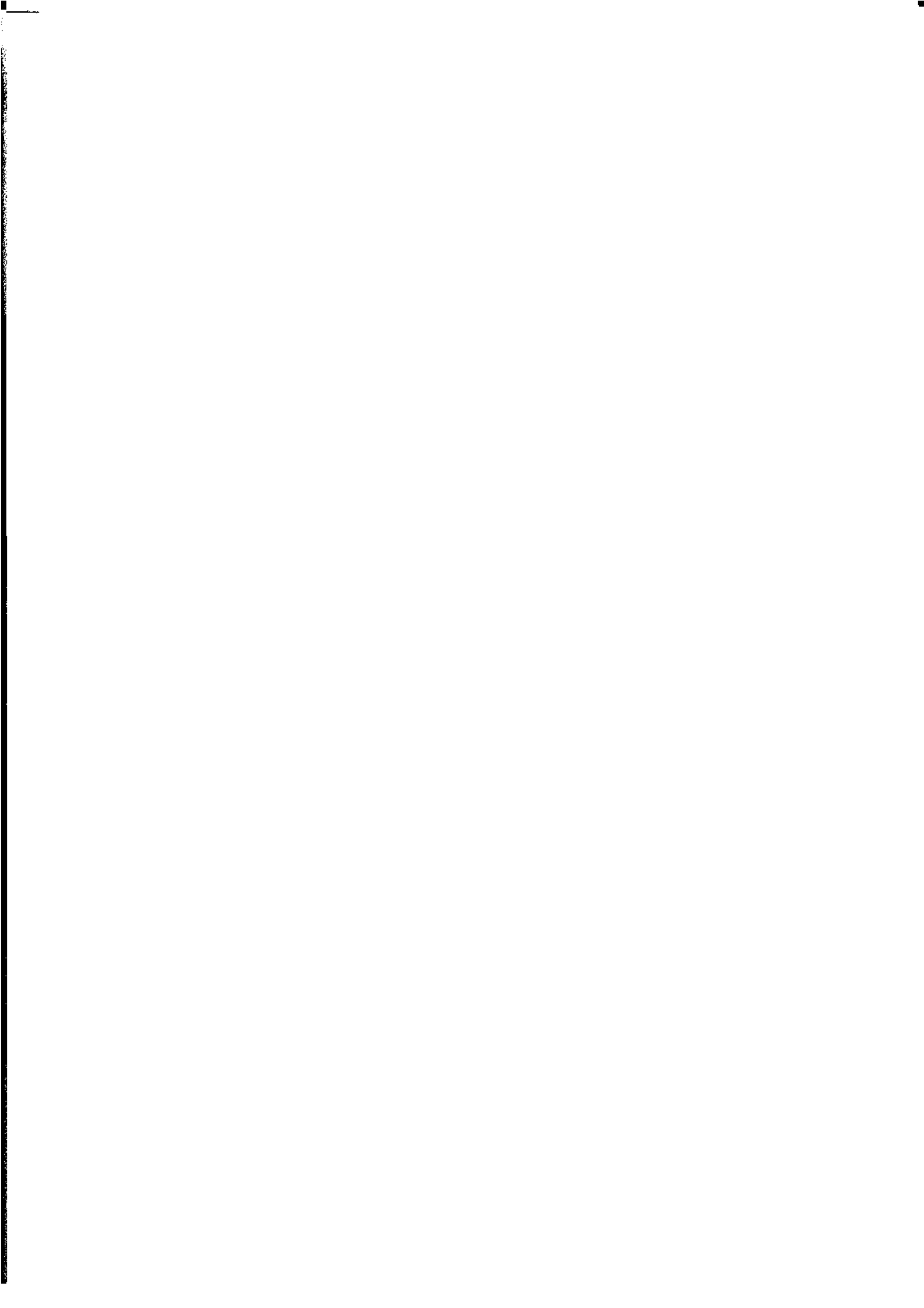


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INQUIRIES

- *for further information about statistics in this publication*, contact Christine Holland on Melbourne (03) 9615 7982.
 - *for information about other ABS statistics and services*, please refer to the back page of this publication.
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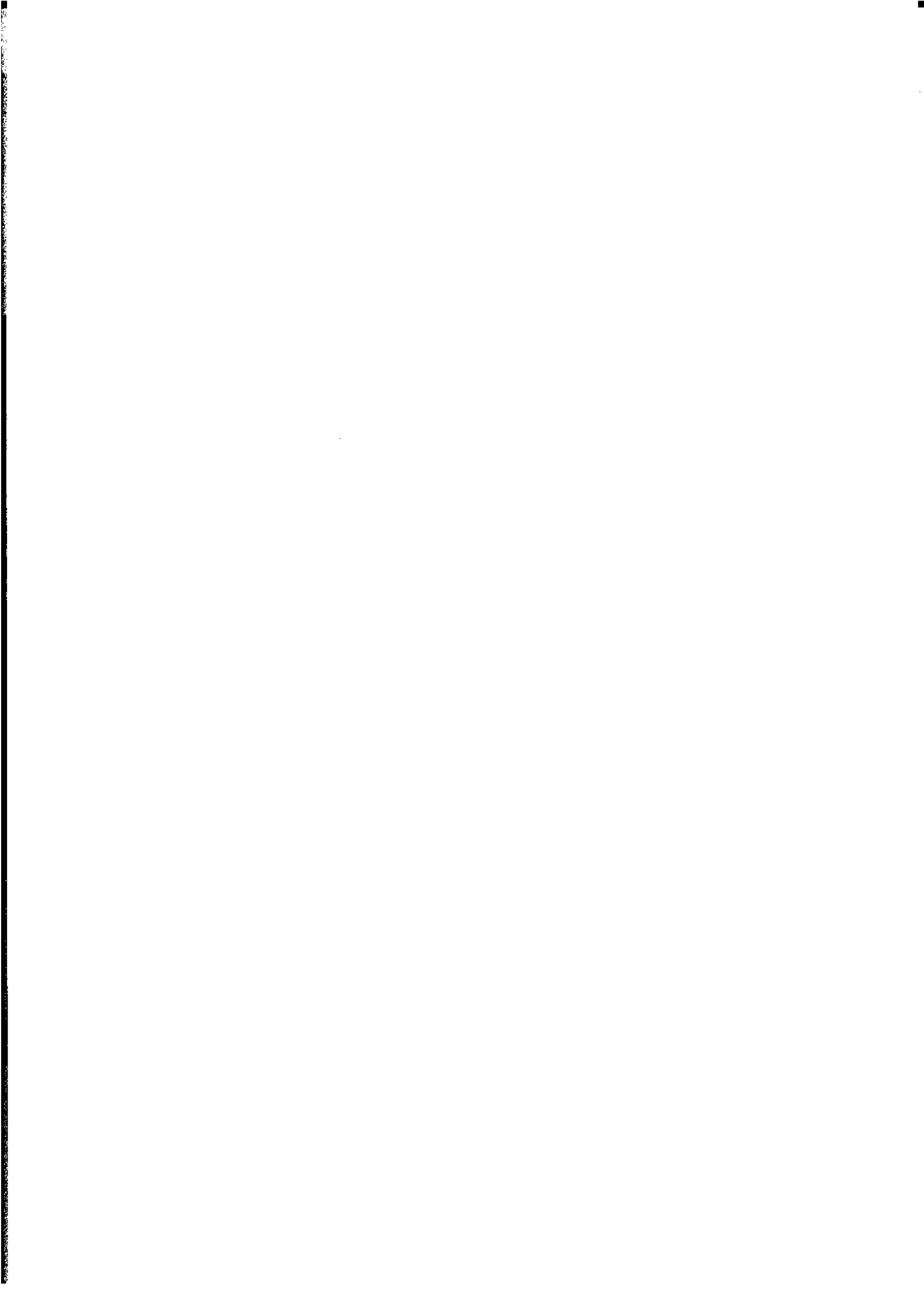
PREFACE

Each year the Australian Bureau of Statistics (ABS) conducts a survey on behalf of the Victorian Government. The topic for 1996 was Leisure Participation which was conducted for Arts Victoria (Department of Premier and Cabinet), Department of Natural Resources and Environment, Tourism Victoria, Victorian Casino and Gaming Authority (Department of Treasury) and Sport and Recreation Victoria (Department of State Development).

The survey was conducted to obtain information on a wide range of leisure activities available to Victorians. Participation in sport and other leisure activities, visits to recreation areas such as National Parks, attendance at cultural and annual events and gambling were included. This publication summarises the results of the survey which was conducted throughout Victoria during October 1996 as a supplement to the Australia-wide Monthly Population Survey.

Stuart Jackson
Regional Director

Australian Bureau of Statistics
March 1997



MAIN FEATURES

PERSONS AGED 15 YEARS AND OVER

Cultural activities

In the 12 months to October 1996, 62% of females (1,099,200) attended an art gallery, music concert, live theatre or museum or historic building, while slightly fewer (55%) males (948,000) attended.

Music concerts were most popular with the younger age groups, the highest attendance being by the 18–24 year age group (43%) while the 45–54 year group attended more live theatre (36%) than any other age group. This group and the 55–64 year group reported the greatest attendance at art galleries (both 29%). Visits to museums and historic buildings peaked with 35–44 year olds (38%).

Annual events

More males (41%) than females (37%) attended an annual event. This was mainly because more than twice as many males (12%) as females (6%) attended the AFL finals series, the most popular annual event after the many Melbourne street festivals. Attendance at the Spring Racing Carnival was almost the same as at the AFL finals series (315,000 and 318,000 respectively) but was more evenly divided, with 10% of males and 8% of females attending.

The 25–34 year age group had highest attendance at 5 of the 8 annual events included in the survey.

Sport and physical recreation activities

Participation in sports or physical recreation was high, being 80% for males and 75% for females. Participation was high in all age groups ranging from 90% of 15–17 year olds and 86% of 17–24 year olds and falling to 62% of persons 65 years or older.

The most popular physical activity was walking for exercise (43% of the population), followed by swimming (14%). Golf, played by 9% of the population, was the most popular sport and basketball was the most popular team sport, played by 4% of the population, mainly in the 15–17 year group (21%).

Of those who did not participate in sport or physical recreation activities, 32% stated that the main reason was they had no time or were too busy and 30% stated they were not interested.

Recreation areas

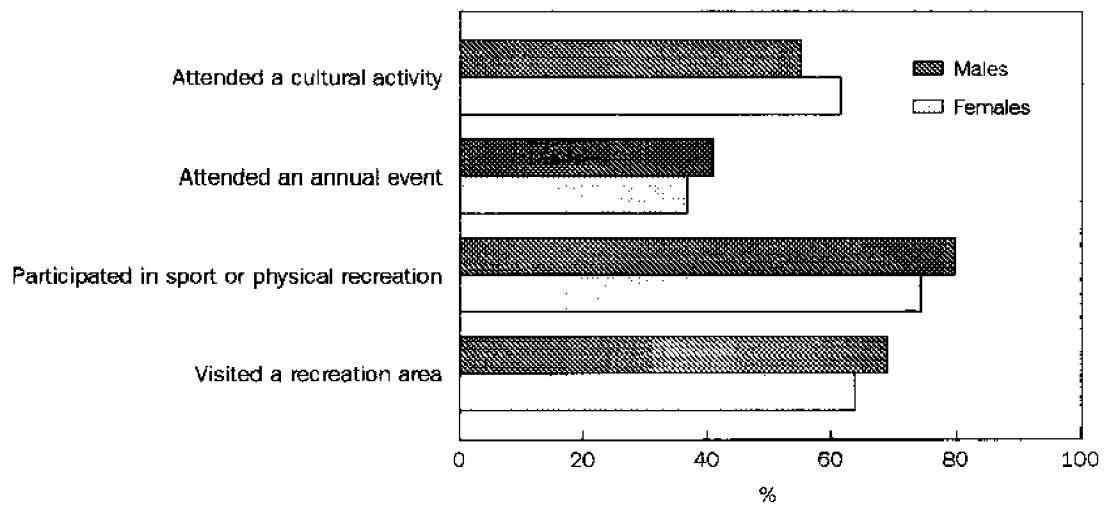
Visits to a coastal or bay area, a river or lake or a National Park, State Park or forest were made by 69% of males and 64% of females. The most popular recreation areas were coastal or bay areas which were visited by 53% of Victorians. On average each of these persons visited 16 times.

Enjoyment and relaxation was the main activity for visitors to all three areas. For coastal and bay areas, this was followed by walking for exercise and swimming, surfing or windsurfing.

Visitors to rivers and lakes preferred inland fishing followed by walking for exercise.

Walking for exercise and climbing/bushwalking/hiking were the other main activities in National Parks, State Parks or forests.

PARTICIPATION IN LEISURE ACTIVITIES



PERSONS AGED 18 YEARS AND OVER

Gambling activities

The younger age groups were more likely to attend a casino to gamble. While 33% of 18–24 year old and 31% of 25–34 year old people attended a casino in the previous 12 months the proportion fell in higher age groups with only 15% of people 65 years and over having attended. There was a similar decrease with age for persons attending a club or pub to play electronic gaming machines (40% for 18–24 year olds and 42% for 25–34 year olds down to 26% for persons 65 years and over).

Outings to gambling venues were likely to be combined with other activities. 75% of persons who attended a casino had also eaten out on at least one of these occasions. For persons who attended a pub or club to use electronic gaming machines, 76% had also eaten out on at least one of these occasions.

PARTICIPANTS IN MULTIPLE LEISURE ACTIVITIES

Persons who participated in one type of leisure activity were more likely than the general population to participate in other types of leisure activity.

Cultural events

Persons who attended a cultural event were more likely than the total population to attend annual events (50% compared to 39% of the total population), whether cultural or sporting. They were also more likely to participate in sport or physical recreation (86%), visit recreation areas (80%) and participate in gambling activities (41% used Electronic Gaming Machines).

Persons from Melbourne Statistical Division (58%) had a much higher attendance at annual events, most of which took place in Melbourne, than those from the rest of Victoria (28%).

Annual events

While almost all persons who attended the Melbourne International Festival of the Arts or Melbourne Comedy Festival attended a cultural activity, these two groups also had very high participation in sport and physical recreation (both 95%) and visits to recreation areas (91% and 92% respectively).

Recreation areas

Persons who visited recreation areas were also likely to attend cultural events, 81% of persons who visited National Parks, State Parks and forests having done so.

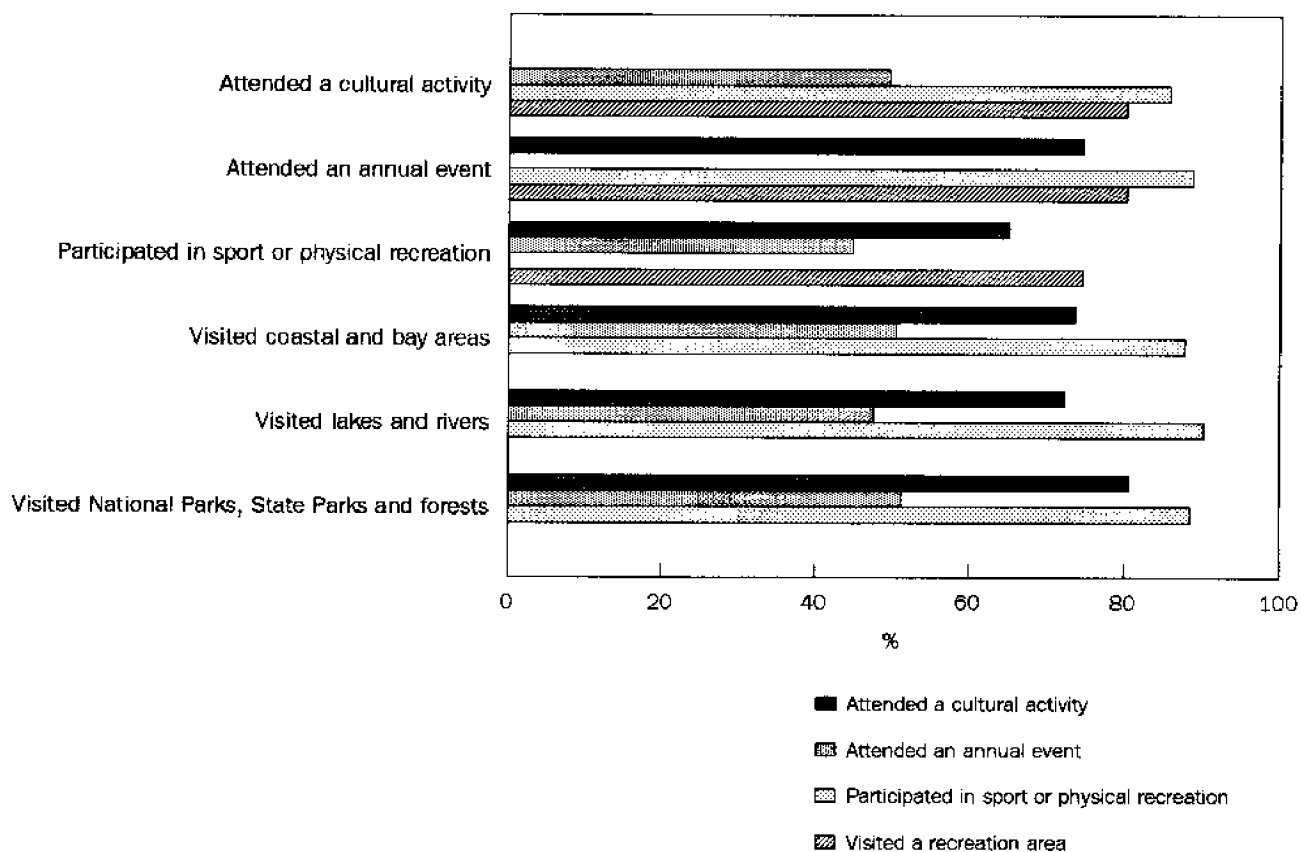
Persons who visited coastal and bay areas, rivers and lakes and National Parks, State Parks and forests also had a higher than average participation in sport and physical recreation (88%, 90% and 89% respectively).

Sport or physical recreation activities

Persons who participated in sport or physical recreation activities had a higher than average participation rate in other activities but not as high as for the other groups already mentioned. While 58% of the total population attended a cultural activity, 65% of people who participated in sport and physical recreation attended.

PERSONS WHO PARTICIPATED IN A LEISURE ACTIVITY

Participation in other activities



1

TYPES OF LEISURE ACTIVITY UNDERTAKEN IN PREVIOUS 12 MONTHS BY SEX, OCTOBER 1996

	Males		Females		Total	
	'000	%	'000	%	'000	%
Attended a cultural activity	948.0	55.1	1 099.2	61.6	2 047.2	58.4
Art gallery	371.3	21.6	503.7	28.2	875.0	25.0
Music concert	514.2	29.9	593.1	33.2	1 107.3	31.6
Live theatre	470.5	27.3	663.2	37.2	1 133.7	32.3
Museums/historic buildings	497.1	28.9	591.4	33.1	1 088.5	31.0
Attended an annual event	706.3	41.0	656.1	36.8	1 362.4	38.9
Spring racing carnival	170.9	9.9	144.5	8.1	315.4	9.0
Australian Open Tennis	124.3	7.2	145.6	8.2	269.9	7.7
AFL Finals Series	212.3	12.3	105.7	5.9	318.0	9.1
Melbourne International Festival of Arts	75.1	4.4	95.9	5.4	171.0	4.9
Melbourne Food and Wine Festival	40.2	2.3	47.6	2.7	87.8	2.5
Melbourne Comedy Festival	65.5	3.8	70.8	4.0	136.2	3.9
A Melbourne Street Festival	374.9	21.8	399.3	22.4	774.2	22.1
Australian Grand Prix	173.9	10.4	78.4	4.4	252.3	7.4
Participated in sport or physical recreation activity¹	1 374.3	79.8	1 327.0	74.3	2 701.3	77.0
Walking for exercise	558.3	32.4	950.3	53.2	1 508.6	43.0
Swimming	209.8	12.2	277.5	15.5	487.2	13.9
Golf	261.2	15.2	60.7	3.4	321.9	9.2
Fishing	257.0	14.9	55.8	3.1	312.8	8.9
Cycling or mountain bike riding	191.1	11.1	108.0	6.1	299.2	8.5
Aerobics or aquaerobics	32.9	1.9	241.3	13.5	274.2	7.8
Tennis	126.3	7.3	119.4	6.7	245.7	7.0
Jogging or power walking	134.3	7.8	101.1	5.7	235.4	6.7
Bushwalking/hiking	94.1	5.5	112.0	6.3	206.1	5.9
Weightlifting, bodybuilding or powerlifting	142.8	8.3	45.6	2.6	188.4	5.4
Billiards, snooker or pool	119.5	6.9	45.5	2.6	165.0	4.7
Basketball	91.5	5.3	53.4	3.0	144.9	4.1
Australian Rules Football	125.5	7.3	*11.4	*0.6	137.0	3.9
Netball	13.1	0.8	114.9	6.4	128.0	3.7
Cricket (outdoor)	94.1	5.5	*7.5	*0.4	101.7	2.9
Lawn Bowls	43.6	2.5	28.2	1.6	71.8	2.0
Soccer	59.4	3.4	*5.1	*0.3	64.5	1.8
Visited recreation areas	1 185.8	68.9	1 139.5	63.8	2 325.3	66.3
Coastal & bay areas	934.3	54.3	911.0	51.0	1 845.3	52.6
Rivers & lakes	674.3	39.2	582.3	32.6	1 256.6	35.8
National Parks, State Parks & forests	613.7	35.7	612.1	34.3	1 225.9	35.0
Total persons	1 721.3	100.0	1 785.0	100.0	3 506.3	100.0
Participated in a gambling activity²						
Purchased a raffle ticket	1 124.8	69.6	1 274.7	75.4	2 399.4	72.6
Purchased a lotto ticket	1 079.4	66.8	1 163.2	68.8	2 242.6	67.8
Attended a bingo session	58.3	3.6	158.0	9.4	216.4	6.5
Attended horse racing, greyhound or harness race meeting to gamble	276.7	17.1	192.1	11.4	468.8	14.2
Attended the TAB to gamble	364.2	22.5	180.5	10.7	544.7	16.5
Attended a club or pub to use electronic gaming machines	561.1	34.7	621.8	36.8	1 182.9	35.8
Attended a casino to gamble	404.7	25.0	397.2	23.5	801.9	24.3
Total persons aged 18 and over	1 616.3	100.0	1 690.0	100.0	3 306.3	100.0

1. Sports and activities listed were reported as one of the three main sports or activities in which respondents participated.

2. Only persons aged 18 years and over were asked about their gambling activities. Therefore, numbers of persons participating in gambling are not directly comparable with those (aged 15 years and over) participating in other activities.

2

TYPES OF LEISURE ACTIVITY UNDERTAKEN IN PREVIOUS 12 MONTHS BY AGE GROUP, OCTOBER 1996 ('000)

	Age group (years)							Total
	15-17	18-24	25-34	35-44	45-54	55-64	65 or over	
Attended a cultural activity	134.5	286.4	426.6	421.1	333.7	215.4	229.5	2 047.2
Art gallery	48.7	97.6	168.2	169.4	166.2	112.4	112.4	875.0
Music concert	74.0	192.7	253.1	213.6	167.2	104.6	102.1	1 107.3
Live theatre	61.1	142.2	246.9	239.2	203.1	114.3	126.9	1 133.7
Museums/historic buildings	64.9	120.6	238.0	255.9	186.7	124.9	97.4	1 088.5
Attended an annual event	78.8	240.5	350.8	277.4	217.2	111.8	85.8	1 362.4
Spring racing carnival	*7.0	43.3	100.8	56.5	55.2	25.8	26.8	315.4
Australian Open Tennis	20.0	42.9	59.3	51.3	55.4	23.9	17.2	269.9
AFL Finals Series	21.9	54.0	86.2	66.4	48.0	29.8	*11.7	318.0
Melbourne International Festival of Arts	*5.6	29.7	43.0	33.6	30.3	*9.4	19.4	171.0
Melbourne Food and Wine Festival	**	15.1	25.3	18.7	16.5	*4.3	*6.6	87.8
Melbourne Comedy Festival	*6.8	38.1	50.3	22.7	13.7	**	**	136.2
A Melbourne Street Festival	47.9	161.4	217.3	168.7	102.6	44.8	31.6	774.2
Australian Grand Prix	*9.2	41.2	79.8	52.6	47.9	24.4	**	258.3
Participated in sport or physical recreation activity¹	180.3	388.1	581.0	533.1	429.9	267.5	321.4	2 701.3
Walking for exercise	40.0	137.2	282.6	314.5	287.7	190.5	256.0	1 508.6
Swimming	32.8	76.1	137.8	119.1	61.4	34.8	25.2	487.2
Golf	*9.0	28.5	72.5	62.7	72.1	38.4	38.7	321.9
Fishing	12.6	31.3	75.1	70.1	65.3	34.8	23.7	312.8
Cycling or mountain bike riding	30.2	50.9	84.5	78.3	33.8	12.1	*9.4	299.2
Aerobics or aquaerobics	19.3	70.6	84.3	48.3	27.1	14.2	*10.3	274.2
Tennis	24.6	36.8	44.0	57.5	49.6	20.9	12.3	245.7
Jogging or power walking	13.3	45.6	87.4	42.5	32.7	*9.8	*4.0	235.4
Bushwalking/hiking	*8.3	25.5	41.3	49.7	46.3	16.7	18.3	206.1
Weightlifting, bodybuilding or powerlifting	*8.9	66.8	70.1	23.1	13.9	*3.8	**	188.4
Billiards, snooker or pool	*8.8	53.8	45.8	24.9	17.3	*9.7	*4.7	165.0
Basketball	40.9	34.8	33.5	25.1	*10.0	**	**	144.9
Australian Rules Football	34.1	32.9	29.3	23.0	14.4	**	**	137.0
Netball	24.2	38.4	44.2	14.8	*5.1	**	**	128.0
Cricket (outdoor)	20.3	27.0	25.5	19.8	*6.4	**	**	101.7
Lawn Bowls	**	**	**	*3.9	*5.7	18.7	40.5	71.8
Soccer	18.1	19.3	13.2	*10.7	**	**	**	64.5
Visited recreation areas	140.0	333.1	524.8	499.9	382.1	232.4	212.9	2 325.3
Coastal & bay areas	111.3	272.2	411.1	411.3	301.4	169.5	168.4	1 845.3
Rivers & lakes	76.2	183.3	296.1	278.6	210.6	124.6	87.3	1 256.6
National Parks, State Parks & forests	72.8	175.3	292.9	295.4	176.5	111.4	101.6	1 225.9
Total persons	200.0	451.6	707.1	680.1	567.5	383.5	516.5	3 506.9
Participated in a gambling activity²								
Purchased a raffle ticket	n.a.	286.6	525.2	536.7	438.5	282.0	330.4	2 399.4
Purchased a lotto ticket	n.a.	219.7	499.7	486.1	417.9	284.3	334.9	2 242.6
Attended a bingo session	n.a.	17.6	42.1	37.8	41.4	27.8	49.7	215.4
Attended horse racing, greyhound or harness race meeting to gamble	n.a.	67.4	133.2	98.1	77.7	46.7	45.7	468.8
Attended the TAB to gamble	n.a.	74.6	153.4	109.1	93.1	58.5	56.1	544.7
Attended a club or pub to use electronic gaming machines	n.a.	180.6	293.7	247.2	201.2	128.5	131.6	1 182.9
Attended a casino to gamble	n.a.	150.2	221.4	156.5	121.6	75.4	76.9	801.9
Total persons aged 18 and over	n.a.	451.6	707.1	680.1	567.5	383.5	516.5	3 306.3

1 Sports and activities listed were reported as one of the three main sports or activities in which respondents participated.

2 Only persons aged 18 years and over were asked about their gambling activities. Therefore, numbers of persons participating in gambling are not directly comparable with those (aged 15 years and over) participating in other activities.

3

PERSONS WHO ATTENDED A CULTURAL EVENT: OTHER TYPES OF LEISURE ACTIVITY UNDERTAKEN IN
PREVIOUS 12 MONTHS BY AGE GROUP, OCTOBER 1996 ('000)

	Age group (years)							Total
	15-17	18-24	25-34	35-44	45-54	55-64	65 or over	
Attended an annual event	58.7	181.8	256.6	208.0	162.4	82.1	66.2	1 015.9
Spring racing carnival	*6.3	34.1	74.4	44.9	42.9	18.2	19.9	240.7
Australian Open Tennis	16.8	35.6	48.0	42.5	49.3	20.3	16.0	228.5
AFL Finals Series	15.9	38.3	63.1	49.3	38.1	22.1	*8.2	235.0
Melbourne International Festival of Arts	*5.0	29.7	41.2	32.3	29.1	*9.4	19.4	166.0
Melbourne Food and Wine Festival	**	12.6	22.8	16.9	14.3	**	*6.6	76.9
Melbourne Comedy Festival	*6.8	36.9	48.4	22.7	13.1	**	**	132.5
A Melbourne Street Festival	32.6	127.6	169.9	124.7	71.4	31.0	23.0	580.2
Australian Grand Prix	*7.4	35.2	58.0	37.3	40.4	19.1	**	199.4
Participated in sport or physical recreation activity	124.3	256.1	384.7	363.3	285.1	171.8	173.2	1 758.4
Visited recreation areas	104.4	237.8	362.3	363.2	262.9	164.6	146.1	1 641.3
Coastal & bay areas	85.2	203.8	300.5	306.3	220.0	128.1	115.8	1 359.7
Rivers & lakes	60.1	127.5	213.7	204.1	144.5	90.3	69.3	909.5
National Parks, State Parks & forests	59.1	137.2	231.6	241.4	141.7	89.4	87.3	987.7
Total persons	134.5	286.4	426.6	421.1	333.7	215.4	229.5	2 047.2
Participated in a gambling activity¹								
Attended a bingo session	n.a.	*7.1	24.1	29.4	16.8	14.4	26.6	118.5
Attended horse racing, greyhound or harness race meeting to gamble	n.a.	43.9	97.0	66.5	62.2	30.5	29.5	329.6
Attended a club or pub to use electronic gaming machines	n.a.	123.2	186.0	172.0	132.7	85.9	82.0	781.7
Attended a casino to gamble	n.a.	106.1	151.2	107.2	89.9	47.0	50.4	551.8
Total persons aged 18 and over	n.a.	286.4	426.6	421.1	333.7	215.4	229.5	1 912.7

1. Only persons aged 18 years and over were asked about their gambling activities. Therefore, numbers of persons participating in gambling are not directly comparable with those (aged 15 years and over) participating in other activities.

4

PERSONS WHO ATTENDED A CULTURAL EVENT: OTHER TYPES OF LEISURE ACTIVITY UNDERTAKEN IN
PREVIOUS 12 MONTHS BY AREA OF USUAL RESIDENCE, OCTOBER 1996

	<i>Melbourne Statistical Division</i>		<i>Balance of Victoria</i>		<i>Total</i>	
	'000	%	'000	%	'000	%
Attended an annual event	869.9	57.3	146.0	27.6	1 015.9	49.6
Spring racing carnival	196.8	13.0	44.0	8.3	240.7	11.8
Australian Open Tennis	190.0	12.5	38.5	7.3	228.5	11.2
AFL Finals Series	187.8	12.4	47.2	8.9	235.0	11.5
Melbourne International Festival of Arts	151.5	10.0	14.5	2.7	166.0	8.1
Melbourne Food and Wine Festival	68.1	4.5	*8.8	1.7	76.9	3.8
Melbourne Comedy Festival	126.6	8.3	*5.9	1.1	132.5	6.5
A Melbourne Street Festival	541.4	35.7	38.8	7.3	580.2	28.3
Australian Grand Prix	182.7	12.0	16.7	3.2	199.4	9.7
Participated in sport or physical recreation activity	1 314.2	86.6	444.3	83.9	1 758.4	85.9
Visited recreation areas	1 220.8	80.4	420.4	79.4	1 641.3	80.2
Coastal & bay areas	1 049.7	69.2	310.1	58.6	1 359.7	66.4
Rivers & lakes	636.6	41.9	272.9	51.6	909.5	44.4
National Parks, State Parks & forests	729.7	48.1	258.1	48.8	987.7	48.2
Total persons	1 517.9	100.0	529.3	100.0	2 047.2	100.0
Participated in a gambling activity¹						
Attended a bingo session	81.5	5.7	37.1	7.6	118.5	6.2
Attended horse racing, greyhound or harness race meeting to gamble	247.2	17.3	82.4	17.0	329.6	17.2
Attended a club or pub to use electronic gaming machines	573.1	40.1	208.7	43.1	781.7	40.9
Attended a casino to gamble	451.4	31.6	100.4	20.7	551.8	28.9
Total persons aged 18 and over	1 428.3	100.0	484.4	100.0	1 912.7	100.0

1. Only persons aged 18 years and over were asked about their gambling activities. Therefore, numbers of persons participating in gambling are not directly comparable with those (aged 15 years and over) participating in other activities.

5

PERSONS WHO ATTENDED AN ANNUAL EVENT: OTHER TYPES OF LEISURE ACTIVITY UNDERTAKEN IN
PREVIOUS 12 MONTHS, OCTOBER 1996 ('000)

	<i>Spring Racing Carnival</i>	<i>Australian Open Tennis</i>	<i>AFL Finals Series</i>	<i>Melbourne International Festival of Arts</i>	<i>Melbourne Food & Wine Festival</i>	<i>Melbourne Comedy Festival</i>	<i>Melbourne Street Festival</i>	<i>Australian Grand Prix</i>	<i>Total</i>
Attended a cultural activity	240.7	228.5	235.0	166.0	76.9	132.5	580.2	199.4	1 015.9
Art gallery	120.5	129.7	95.2	134.0	49.1	84.4	286.4	102.7	498.5
Music concert	156.2	159.6	149.9	129.4	56.1	99.3	367.8	130.3	638.0
Live theatre	161.5	167.9	146.3	128.2	54.8	116.2	351.3	120.9	623.6
Museums/historic buildings	123.7	133.6	118.7	109.4	45.5	73.9	331.6	113.7	561.8
Participated in sport or physical recreation	287.2	252.7	296.1	162.8	82.1	129.4	674.0	240.6	1 209.9
Visited recreation areas	263.1	225.1	257.1	155.2	76.5	125.3	628.2	221.1	1 093.3
Coastal & bay areas	222.4	195.9	227.4	138.8	71.9	115.1	534.8	192.9	931.8
Rivers & lakes	150.6	129.7	139.2	83.5	45.5	64.6	347.5	123.2	597.9
National Parks, State Parks & forests	137.4	137.6	141.3	112.7	49.5	80.0	371.1	128.4	627.1
Total persons	315.4	269.9	318.0	171.0	87.8	136.2	774.2	258.3	1 362.4
Participated in a gambling activity¹									
Attended a bingo session	21.6	*10.4	12.9	*9.0	**	*4.9	47.1	*5.8	79.2
Attended horse racing, greyhound or harness race meeting to gamble	218.1	74.9	103.3	35.0	26.3	34.3	134.0	57.7	318.7
Attended a club or pub to use electronic gaming machines	170.0	109.9	133.6	52.2	37.6	57.2	303.5	106.7	545.0
Attended a casino to gamble	147.7	97.4	126.7	45.6	33.3	52.1	265.9	107.6	455.9
Total persons aged 18 and over	308.4	249.9	296.1	165.3	86.5	129.5	726.3	249.1	1 283.5

1 Only persons aged 18 years and over were asked about their gambling activities. Therefore, numbers of persons participating in gambling are not directly comparable with those (aged 15 years and over) participating in other activities.

6

VISITORS TO RECREATION AREAS: OTHER TYPES OF LEISURE ACTIVITY UNDERTAKEN IN PREVIOUS 12 MONTHS,
OCTOBER 1996

	<i>Coastal & bay areas</i>		<i>Rivers & lakes</i>		<i>National Parks, State</i>		<i>Total</i>	
	'000	%	'000	%	<i>Parks & forests</i>		'000	%
					'000	%		
Attended a cultural activity	1 359.7	73.7	909.5	72.4	987.7	80.6	2 047.2	58.4
Art gallery	641.6	34.8	423.9	33.7	483.9	39.5	875.0	25.0
Music concert	795.4	43.1	507.5	40.4	562.3	45.9	1 107.3	31.6
Live theatre	812.3	44.0	523.7	41.7	576.3	47.0	1 133.7	32.3
Museums/historic buildings	783.2	42.4	590.2	47.0	654.2	53.4	1 088.5	31.0
Attended an annual event	931.8	50.5	597.9	47.6	627.1	51.2	1 362.4	38.9
Spring racing carnival	222.4	12.1	150.6	12.0	137.4	11.2	315.4	9.0
Australian Open Tennis	195.9	10.6	129.7	10.3	137.6	11.2	269.9	7.7
AFL Finals Series	227.4	12.3	139.2	11.1	141.3	11.5	318.0	9.1
Melbourne International Festival of Arts	138.8	7.5	83.5	6.6	112.7	9.2	171.0	4.9
Melbourne Food and Wine Festival	71.9	3.9	45.5	3.6	49.5	4.0	87.8	2.5
Melbourne Comedy Festival	115.1	6.2	64.6	5.1	80.0	6.5	136.2	3.9
A Melbourne Street Festival	534.8	29.0	347.6	27.7	371.1	30.3	774.2	22.1
Australian Grand Prix	192.9	10.5	123.2	9.8	128.4	10.5	258.3	7.4
Participated in sport or physical recreation activity	1 622.3	87.9	1 134.5	90.3	1 085.0	88.5	2 701.3	77.0
Total persons	1 845.3	100.0	1 256.6	100.0	1 225.9	100.0	3 506.3	100.0
Participated in a gambling activity¹								
Attended a bingo session	101.8	5.9	80.3	6.8	71.3	6.2	216.4	6.5
Attended horse racing, greyhound or harness race meeting to gamble	316.0	18.2	217.6	18.4	196.8	17.1	468.8	14.2
Attended a club or pub to use electronic gaming machines	747.6	43.1	545.8	46.2	484.1	42.0	1 182.9	35.8
Attended a casino to gamble	507.2	29.3	343.7	29.1	329.8	28.6	801.9	24.3
Total persons aged 18 and over	1 734.0	100.0	1 180.5	100.0	1 153.1	100.0	3 306.3	100.0

1. Only persons aged 18 years and over were asked about their gambling activities. Therefore, numbers of persons participating in gambling are not directly comparable with those (aged 15 years and over) participating in other activities.

7

PERSONS WHO PARTICIPATED IN SPORT: PARTICIPATION IN OTHER LEISURE ACTIVITIES IN
PREVIOUS 12 MONTHS BY AGE GROUP, OCTOBER 1996 ('000)

	Age group (years)							Total
	15-17	18-24	25-34	35-44	45-54	55-64	65 or over	
Attended a cultural activity	124.3	256.1	384.7	363.3	285.1	171.8	173.2	1 758.4
Art gallery	43.7	89.4	159.2	147.2	151.5	95.3	89.9	776.1
Music concert	70.7	173.3	231.0	186.8	150.7	87.4	80.2	980.1
Live theatre	54.1	133.3	227.7	207.2	181.3	90.9	101.5	995.9
Museums/historic buildings	61.8	111.0	222.4	225.7	164.1	105.3	77.2	967.5
Attended an annual event	74.3	219.8	318.5	243.7	185.0	96.4	72.1	1 209.9
Spring racing carnival	*6.3	41.4	94.2	48.7	49.4	23.8	23.4	287.2
Australian Open Tennis	20.0	39.8	56.3	47.9	50.6	23.4	14.7	252.7
AFL Finals Series	21.9	51.6	83.1	62.0	41.5	26.6	*9.3	296.1
Melbourne International Festival of Arts	*5.0	28.3	41.3	32.4	29.7	*7.3	18.8	162.8
Melbourne Food and Wine Festival	**	15.1	23.5	15.6	15.8	*4.3	*6.6	82.1
Melbourne Comedy Festival	*6.2	36.2	49.8	21.4	*11.8	**	**	129.4
A Melbourne Street Festival	45.2	147.8	193.6	143.2	81.5	37.2	25.5	674.0
Australian Grand Prix	*8.0	36.7	74.6	48.1	46.8	23.1	**	240.6
Visited recreation areas	130.5	306.4	468.5	422.3	327.0	192.1	168.3	2 015.0
Coastal & bay areas	104.3	252.4	374.0	354.1	264.1	139.9	133.6	1 622.3
Rivers & lakes	71.9	172.3	273.9	247.8	185.2	109.8	73.7	1 134.5
National Parks, State Parks & forests	67.1	162.7	266.5	257.7	152.7	96.2	82.2	1 085.0
Total persons	180.3	388.1	581.0	533.1	429.9	267.5	321.4	2 701.3
Participated in a gambling activity¹								
Attended a bingo session	n.a.	15.5	35.1	31.4	29.5	17.2	38.3	167.0
Attended horse racing, greyhound or harness race meeting to gamble	n.a.	63.5	123.3	82.5	64.3	39.0	34.8	407.6
Attended a club or pub to use electronic gaming machines	n.a.	165.6	258.8	206.8	166.1	100.6	103.4	1 001.4
Attended a casino to gamble	n.a.	140.4	197.7	131.9	97.6	55.2	59.4	682.2
Total persons aged 18 and over	n.a.	388.1	581.0	533.1	429.9	267.5	321.4	2 521.0

1 Only persons aged 18 years and over were asked about their gambling activities. Therefore, numbers of persons participating in gambling are not directly comparable with those (aged 15 years and over) participating in other activities.

8

NON-PARTICIPATION IN SPORT OR PHYSICAL RECREATION ACTIVITIES BY SEX, OCTOBER 1996

Reason	Males		Females		Total	
	'000	%	'000	%	'000	%
Illness/other health problems	71.4	20.6	94.7	20.7	166.1	20.6
Sport injury/work injury	*7.0	*2.0	*6.9	*1.5	14.0	1.7
Too old	29.8	8.6	53.1	11.6	82.9	10.3
Not interested	103.7	29.9	136.6	29.8	240.3	29.8
Expense/cost	*5.7	*1.7	*5.6	*1.2	*11.3	*1.4
No child care	**	**	*7.1	*1.5	*8.3	*1.0
No time/too busy	120.5	34.7	139.0	30.3	259.5	32.2
Other	*7.6	*2.2	15.0	3.3	22.6	2.8
Total persons	347.0	100.0	458.0	100.0	805.0	100.0

9

VISITS TO RECREATION AREAS IN PREVIOUS 12 MONTHS, AVERAGE NUMBER OF VISITS, NUMBER OF OVERNIGHT VISITS AND MAIN ACTIVITY BY SEX, OCTOBER 1996

	Coastal & bay areas			Rivers & lakes			National Parks, State Parks & forests		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
'000									
Whether visited in past 12 months									
Visited	934.3	911.0	1 845.3	674.3	582.3	1 256.6	613.7	612.1	1 225.9
Did not visit	787.0	874.0	1 661.0	1 047.0	1 202.7	2 249.7	1 107.6	1 172.9	2 280.4
Total persons	1 721.3	1 785.0	3 506.3	1 721.3	1 785.0	3 506.3	1 721.3	1 785.0	3 506.3
No.									
Average number of visits¹	16.8	14.8	15.9	10.2	10.4	10.3	7.0	6.7	6.9
Winter	2.8	2.5	2.7	1.9	2.0	1.9	1.5	1.5	1.5
Spring	3.4	2.9	3.2	2.3	2.3	2.3	1.6	1.6	1.6
Summer	7.4	6.5	6.9	3.9	3.9	3.9	2.5	2.2	2.4
Autumn	3.2	2.9	3.1	2.1	2.2	2.2	1.4	1.4	1.4
'000									
Total number of visits lasting at least one night	2 410.7	2 469.4	4 880.2	1 499.4	1 070.1	2 569.5	917.9	590.5	1 508.5
Main activity									
Enjoyment/relaxation	437.4	545.0	982.4	257.7	328.6	586.3	296.4	308.8	605.2
Fishing, inland	*7.2	**	*8.5	187.3	37.1	224.4	20.4	**	23.6
Fishing, coastal/bay	139.2	21.2	160.4	20.3	**	23.5	*3.3	**	*5.0
Walking for exercise	111.8	179.1	291.0	66.4	98.4	164.8	98.9	136.0	234.9
Climbing/bushwalking/hiking	*10.6	12.4	23.0	24.4	19.2	43.6	87.8	90.9	178.7
Flora/fauna observing	*7.3	*7.6	14.9	**	*6.9	*10.1	16.0	21.8	37.9
Sailing/boating/water skiing	21.1	*9.8	30.8	50.0	46.4	96.5	*4.4	**	*7.4
Swimming/surfing/wind surfing	150.4	109.4	259.7	21.8	19.4	41.2	*3.8	**	*6.4
Bicycle riding	*8.1	**	*8.1	*6.8	**	*9.8	*5.5	**	*7.4
Snow skiing	**	**	**	**	**	**	30.5	18.2	48.7
Off road driving/trail bike riding	**	**	**	*5.3	**	*5.9	15.3	*7.5	22.8
Other activity	37.3	22.8	60.0	29.9	17.6	47.5	28.7	14.7	43.4
No main activity	**	**	*4.3	**	**	**	**	**	*4.3
Total persons	934.3	911.0	1 845.3	674.3	582.3	1 256.6	613.7	612.1	1 225.9

1. Average number of visits per person who visited at least once.

10

PERSONS 18 YEARS OR OLDER WHO PARTICIPATED IN A GAMBLING ACTIVITY IN PREVIOUS 12 MONTHS:
WHETHER OUTING WAS COMBINED WITH ANY OTHER ACTIVITY BY AGE GROUP, OCTOBER 1996 ('000)

	<i>Age group (years)</i>						<i>Total</i>
	18-24	25-34	35-44	45-54	55-64	65 or over	
ATTENDED PUB/CLUB TO PLAY ELECTRONIC GAMING MACHINES							
Eating out	121.7	224.3	192.7	155.8	102.0	103.3	899.8
Sporting or physical recreation activities	12.8	19.8	13.3	18.0	*9.6	14.3	87.8
Attending theatrical or other performances	*7.1	22.2	*11.4	*11.7	*3.4	**	58.8
Annual events	*5.3	*7.4	*6.9	*6.9	**	**	29.5
Attending a social event at a pub, club, casino or gambling establishment	64.1	113.0	70.9	55.3	37.0	40.1	380.3
Shopping	13.5	14.2	12.2	*6.9	*10.0	17.2	74.0
Other	**	**	*5.6	**	**	**	15.3
Total persons	180.6	293.7	247.2	201.2	128.5	131.6	1 182.9
ATTENDED A CASINO TO GAMBLE							
Eating out	98.4	162.0	123.0	100.8	*57.2	57.3	598.8
Sporting or physical recreation activities	12.7	15.9	*7.7	*11.4	*5.2	*4.7	57.6
Attending theatrical or other performances	*5.2	18.9	*11.4	*9.1	**	**	48.4
Annual events	*5.3	*8.7	*8.4	*5.7	**	**	29.3
Attending a social event at a pub, club, casino or gambling establishment	51.5	81.1	46.7	34.9	23.9	23.4	261.5
Shopping	12.7	*7.7	12.8	*9.7	*4.8	*10.5	58.1
Other	**	*4.5	*4.5	*3.3	**	**	19.2
Total persons	150.2	221.4	156.5	121.6	75.4	76.9	801.9

EXPLANATORY NOTES

INTRODUCTION

1 This publication summarises the results of a survey of *Leisure Participation by Victorians* that was conducted throughout Victoria during October 1996 as a supplement to the Australia-wide Monthly Population Survey. Victorians aged 15 and over were asked about their participation in leisure activities and attendance at various events during the preceding 12 months.

MONTHLY POPULATION SURVEY

2 The Monthly Population Survey (MPS) is based on a multi-stage sample of private and non-private dwellings. Private dwellings include houses, flats, home units, tents, and any other structures used as private residences at the time of the survey.

Special dwellings, which includes hotels, caravan parks, hospitals, flop houses, etc. were not included in the survey.

3 The sample covers about two-thirds of 1% of the civilian population of Australia and includes about one-half of 1% of Victoria's population. Information is obtained from the occupants of selected dwellings by personal or telephone interview.

4 The Monthly Population Survey comprises the labour force survey and for most months of the year, an additional supplementary topic. The main emphasis is on the regular collection of specific data on demographic and labour force characteristics of the population and for this reason, this component is usually referred to as the Labour Force Survey. Supplementary surveys are carried out on a wide variety of topics.

SCOPE

5 All persons aged 15 years and over are included in the labour force survey except:

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

SURVEY DESIGN

6 The supplementary survey was conducted using the sample of private dwellings in Victoria that were included in the Monthly Population Survey. Approximately half the MPS respondents were selected randomly for inclusion in the supplementary survey. This provided a sample of approximately 5,000 persons where a full response was obtained. Persons in special dwellings were excluded from the supplementary survey. Information was collected by personal interview of an adult in the household for usual residents aged 15 years and over. For questions on gambling, only persons aged 18 years and over were included.

DEFINITIONS

Art gallery	7 Includes National or State art galleries, regional or commercial galleries.
Music concert	8 Includes all types of music, such as country and western, jazz, folk, ethnic, classical, chamber orchestra, choral recital, solo recital, rock and popular music, including outdoor performances and pub band attendance. Primary and secondary school performances are excluded.
Live theatre	9 Includes theatre, opera, musicals, dance, plays or drama, variety performances, revue shows, stand-up comics and circus. Outdoor performances in parks are included. Primary and secondary school performances are excluded.
Museums and historic buildings	10 Includes State or National museums, local history museums, war memorials and monuments and National trust properties and sites.
Spring Racing Carnival	11 Includes race meetings held during October and November at Flemington, Caulfield, Moonee Valley, Sandown, Bendigo, Ballarat and Geelong.
Australian Tennis Open	12 This is held in January at Melbourne Park (formerly Flinders Park).
AFL Finals Series	13 The 1996 series was held in September at the Melbourne Cricket Ground (MCG), the Sydney Cricket Ground (SCG), Woolloongabba Cricket Ground (The Gabba), Brisbane, and Subiaco Oval, Perth.
Melbourne International Festival of Arts	14 This is held during October at the Victorian Arts Centre.
Melbourne Food and Wine Festival	15 This takes place in Melbourne during March.
Melbourne Comedy Festival	16 This is held in April in the Melbourne Town Hall and other Melbourne venues.
Australian Grand Prix	17 This was held at Albert Park in March 1996 for the first time since the 1950s.
Melbourne Street Festivals	18 These are festivals where the street has been closed for the festival and includes festivals in local suburbs.
Participation in sport or physical recreation activity	19 Participation includes being a player, coach, umpire or administrator. The total includes activities other than those listed in Tables 1 and 2.
Coastal and bay areas	20 Examples include Port Phillip Bay, the Great Ocean Road and Ninety Mile Beach.
Rivers and lakes	21 Examples include the Yarra River, Albert Park Lake, the Murray River and Lake Eildon.
National Parks, State Parks and forests	22 Examples include the Dandenong Ranges, Mount Buller, Lake Mountain and the Grampians. Rural botanic gardens, such as the Geelong and Bendigo Botanic Gardens and other small urban parks are excluded.

Related publications and information

23 The ABS produces occasional publications related to participation in leisure activities. Recent publications include:

- *Cultural Trends in Australia: A Statistical Overview, 1994* (4172.0)
- *Sports Attendance* (4174.0)
- *Attendance at Selected Cultural Venues, Australia, 1995* (4114.0)
- *Involvement in Sport, Australia* (6285.0)

Previous State Supplementary Surveys

24 Users may be interested in reading past Victorian State Supplementary Survey publications. These have included:

- 1995: *Educational Attainment and Employment, Victoria* (4227.2)
- 1994: *Travel to Work, School and Shops, Victoria* (9201.2)
- 1993: *Retrenched Workers and Workers who Accepted Redundancy Packages, Victoria* (6266.2)
- 1992: *Safety in the Home, Victoria* (4387.2)
- 1991: *Work Patterns of Women, Victoria* (6204.2)
- 1990: *Community Participation in Energy Conservation, Victoria* (4120.2)
- 1989: *Sports Participation, Victoria* (4118.2)
- 1988: *Type and conditions of part-time employment, Victoria* (6304.2)
- 1987: *Crime and Crime Prevention, Victoria* (4507.2)
- 1986: *Water Using Appliances, Victoria* (8709.2)

Symbols and other usages

- nil or rounded to zero
- * estimate is subject to a relative standard error of between 25% and 50%.
- ** estimate is subject to sampling variability too high for most practical purposes (more than 50%).
- n.a. not applicable.

Refer to the technical notes.

ADDITIONAL DATA

Additional data available include

- * Frequency of attendance at art galleries
- * Frequency of attendance at music concerts
- * Frequency of attendance at live theatre
- * Frequency of attendance at museums or historic buildings
- * Frequency of participation in sports or physical recreation activities
- * Whether participation in sports or physical recreation activities for a club, association or school
- * Frequency of visits to coastal and bay areas
- * Frequency of visits to rivers and lakes
- * Frequency of visits to National Parks, State Parks and forests
- * Frequency of overnight visits to coastal and bay areas
- * Frequency of overnight visits to rivers and lakes
- * Frequency of overnight visits to National Parks, State Parks and forests

All data items can be cross-classified with demographic items available from the Monthly Labour Force Survey, such as age, sex, country of birth and employment status.

These data can be obtained by contacting Statistical Consultancy on (03) 9615 7982.

TECHNICAL NOTES

INTRODUCTION

1 The figures contained in this publication are estimates based on a sample of approximately 5,000 persons in Victoria in October 1996.

RELIABILITY OF THE ESTIMATES

2 The estimates provided in this publication may be subject to two types of error:

Sampling error

3 This is the difference which would be expected between the estimate and the corresponding figure that would have been obtained from a collection based on the whole population, using the same questionnaires and procedures. Estimates of sampling error are illustrated below.

Non-sampling error

4 Inaccuracies may occur because of imperfections in reporting by respondents and interviewers, and errors made in coding and processing the data. These errors can occur whether the estimates are derived from a sample or a complete enumeration. Every effort is made to reduce non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

INTERPRETATION OF RESULTS

5 Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, both of the above types of errors must be taken into account.

ESTIMATES OF SAMPLING ERROR

6 One measure of the likely difference which would be expected between the estimate based on a sample and the figure that would have been obtained from a complete collection is the standard error (see Table of standard errors page 18).

7 There are about two chances in three (67%) that an estimate will differ by less than one standard error from that which would have been obtained if all households had been included in the survey. There are about nineteen chances in twenty (95%) that the difference will be less than two standard errors.

8 A standard error expressed as a percentage of the estimate is known as the 'relative standard error'. For example, if an estimate of 4,000 persons has a standard error of 1,800 then the estimate has a relative standard error of $1,800/4,000 \times 100 = 43\%$. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling.

9 Estimates below 3,300 persons are excluded from this publication and are replaced with two asterisks (**) because they are subject to high relative standard error (more than 50%). Although figures for these small components can in some cases be derived by subtraction they should not be regarded as reliable.

10 Estimates between 3,300 and 11,900 persons have been included in this publication preceded by an asterisk, e.g. *4.6. This is to highlight the need for care in using the data because of the high relative standard error (between 25 and 50%).

11 An example of the calculation on use of standard errors is as follows. From the table of standard errors on page 19 we see that a population estimate of 5,000 persons (column 1) has a standard error of 2,000 (column 2). Therefore, there are two chances in three that the number which would result if all persons were included in the survey lies in the range 3,000 to 7,000 (one standard error either side of the estimate, column 4). There are 19 chances in 20 that the true number lies in the range 1,000 to 9,000 (2 standard errors either side of the estimate, column 5).

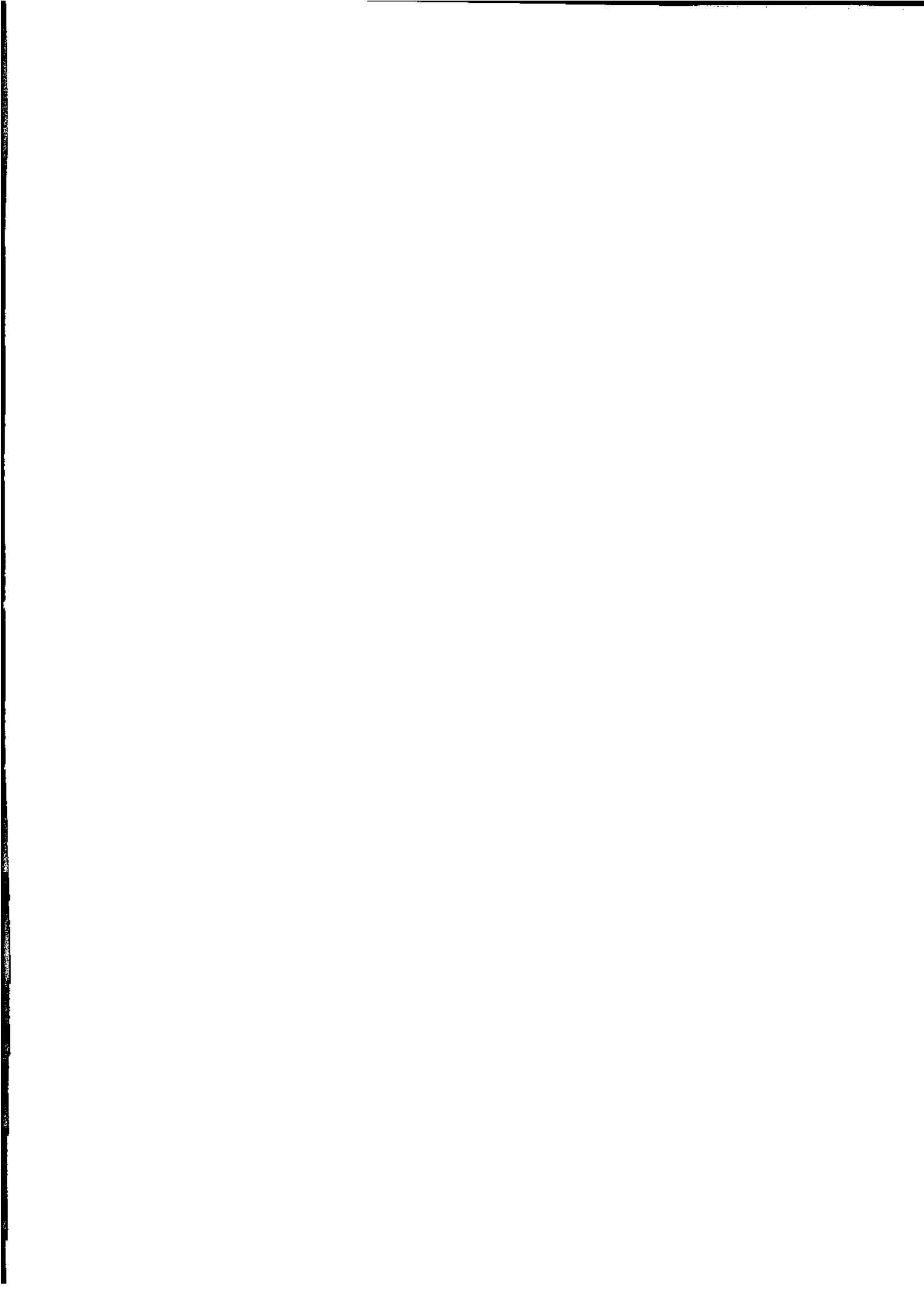
12 A more detailed explanation of standard errors can be found in the technical notes of *Labour Force, Australia* (6203.0)(monthly).

STANDARD ERRORS OF ESTIMATES¹ LEISURE PARTICIPATION, VICTORIA, OCTOBER, 1996

Size of estimate	Standard error of estimate	Relative standard error	There are about two chances in three that figure will fall in the range ²		There are about nineteen chances in twenty that the actual population figure will fall in the range ²	
	'000		%	'000		'000
0.7	0.8	108.0	0.0	1.5	0.0	2.2
1.0	0.9	90.7	0.1	1.9	0.0	2.8
1.5	1.1	74.2	0.4	2.6	0.0	3.7
2.0	1.3	64.2	0.7	3.3	0.0	4.6
2.5	1.5	57.3	1.1	4.0	0.0	5.4
3.0	1.6	52.1	1.5	4.6	0.0	6.1
3.5	1.7	48.1	1.8	5.2	0.1	6.9
4.0	1.8	44.9	2.2	5.8	0.4	7.6
5.0	2.0	39.9	3.0	7.0	1.0	9.0
7.0	2.4	33.3	4.7	9.4	2.3	11.7
10.0	2.8	27.5	7.3	12.8	4.5	15.5
15.0	3.3	22.0	11.7	18.3	8.4	21.6
20.0	3.8	18.7	16.3	23.8	12.5	27.5
30.0	4.5	14.9	25.6	34.5	21.1	38.9
40.0	5.1	12.6	35.0	45.1	29.9	50.1
50.0	5.6	11.1	44.5	55.6	38.9	61.1
100.0	7.4	7.3	92.7	107.4	85.3	114.7
150.0	8.6	5.7	141.4	158.6	132.8	167.2
200.0	9.7	4.8	190.4	209.7	180.7	219.3
300.0	11.3	3.7	288.8	311.3	277.5	322.5
500.0	13.6	2.7	486.5	513.6	472.9	527.1
1000.0	17.3	1.7	982.7	1 017.3	965.4	1 034.6
2000.0	21.9	1.1	1978.1	2 021.9	1956.2	2 043.8
5000.0	29.3	0.6	4970.7	5 029.3	4941.4	5 058.6

¹ These data have been rounded to the nearest 100.

² These data have been calculated using the actual figures.



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