

PARTICIPATION IN SPORTS AND PHYSICAL RECREATION AUSTRALIA

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INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Mike Stratton on Adelaide (08) 8237 7399.

NOTES

ABOUT THIS PUBLICATION

This publication presents results from the 2005–06 Multi-Purpose Household Survey (MPHS) relating to participation in sports and physical recreation activities. The survey obtained data about the characteristics of persons aged 15 years and over who participated in sport and physical recreation activities as a player, competitor or person who physically undertakes the activity. People who were involved as coaches, umpires or club officials are excluded from the data.

Information on this topic was previously collected for those aged 18 years and over in the Population Survey Monitor (1993 to 2000) and in the 2002 General Social Survey. Care should be taken when comparing results from these surveys, as the methodology used in each of these surveys differed and this may affect the validity of comparisons.

For 2005–06, the title of the publication was changed from 'Participation in Sport and Physical Activities'. The data presented primarily concern participation in physical activity for the purposes of sport, recreation and exercise only. It does not contain any data relating to physical activity in which persons may participate in the course of (for example) undertaking their employment, or home and garden maintenance. The new title will more accurately reflect the content of the publication and better align with the terminology used with the Australian Culture and Leisure Classifications Industry Classification (ACLC).

Details on the number of persons who participated in sporting events and physical recreation activities in the 12 months prior to interview are presented, together with the socio-demographic characteristics of participants, the most popular sports and physical recreation activities, frequency and regularity of participation, and the constraints and motivators to participation.

Information on the concepts and methods used in the survey, reliability of the results, definitions and interpretation are included in the Explanatory Notes (pp. 36–41), Technical Note (pp. 42–44), and Glossary (pp. 45–47).

ROUNDING

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

Susan Linacre Acting Australian Statistician

SUMMARY OF FINDINGS

SUMMARY	Nearly two-thirds (66% or 10.5 million people) of the Australian population aged 15 years and over reported that they had participated in sports and physical recreation at least once during the 12 months prior to interview in 2005-06. Similar proportions of males and females (both 66%) participated at least once during this period. Participation in activities organised by a club, association or other organisation also showed similar proportions for males (2.3 million or 29%) and females (2.1 million or 26%).						
	Almost one in three (29% or 4.7 million people) of the population aged 15 years and over participated in sports and physical recreation activities twice per week. More females (32% or 2.6 million) than males (27% or 2.1 million) were involved in more than twice-weekly participation.						
	The number participating in non-organised activities (8.6 million or 54%) was almost double that for participation in organised activities (4.4 million or 28%).						
	Walking was the most commonly reported physical recreation activity for both males and females, with 4.0 million people (25%) participating. This was followed by aerobics/fitness (2.0 million or 13%), swimming (1.4 million or 9%) and cycling (1.0 million or 6%).						
AGE AND SEX	The highest participation rates were reported by people aged 25–34 years (75%) and 15–17 years (75%) and the lowest for those aged 65 years and over (49%).						
	Overall, males (5.2 million or 66%) and females (5.3 million or 66%) showed similar participation rates for sports and physical recreation activities in the 12 months prior to interview.						
	PARTICIPANTS, Sports and physical recreation—By age and sex Age group (years) 15-17 15-17 18-24 25-34 35-44 45-54 55-64 65 and over						
	0 25 50 75 100 Participation rate (%)						

AREA OF RESIDENCE

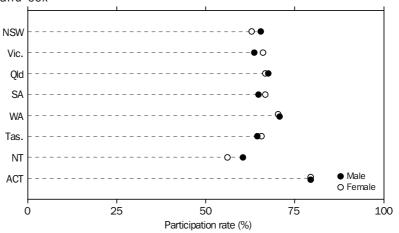
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The highest participation rates were reported for the Australian Capital Territory (80%) and Western Australia (71%), while those living in the Northern Territory had the lowest rate of participation (58%). More people living in state capital cities participated at least once in a sport or physical recreation activity than residents living in the two territories and elsewhere in Australia (6.7 million and 3.9 million respectively).

AREA OF RESIDENCE

continued

<code>PARTICIPANTS</code>, Sports and physical recreation—By state or territory and sex



BIRTHPLACEPeople born overseas in main English speaking countries had the highest rate of
participation (72%). This was higher than the participation rate of those born in Australia
(68%) and those born in other countries (52%). Females born overseas in main English
speaking countries had the highest participation rate (73%) while females born in other
countries had the lowest rate of participation (48%).

EMPLOYMENT STATUSEmployed people had a higher participation rate (72%) than those who were
unemployed (66%) or those who were not in the labour force (55%). Respondents who
were not in the labour force had the lowest rate of participation in sports and physical
recreation during the 12-month period prior to interview (55%).

HOUSEHOLDThe highest participation rate was reported by members of group households (75%),COMPOSITIONfollowed by those in couple families with dependent children (70%) and couple only
households (68%). Those living in multiple family households with dependent children
had the lowest participation rate (41%). People living in lone person households had a
relatively lower rate of participation (60%).

TYPE OF PARTICIPATIONAn estimated 4.4 million Australians aged 15 years and over participated in some sports
and physical recreation organised by a club, association or other organisation during the
12 months prior to interview. These accounted for 42% of participants and a
participation rate in organised activities of 28%. Over half (55%) of those aged 15–17
years participated in organised activities, declining to 41% and 33% for those aged 18–24
and 25–34 years respectively. Of those aged 65 years and over, 18% participated in
organised physical recreation of some kind.

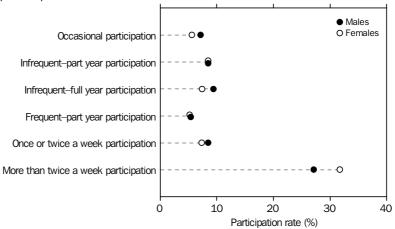
Over 8.6 million or 54% of people aged 15 years and over participated in non-organised sports and physical recreation. Males and females had a similar rate of participation (53% and 54% respectively) in non-organised activities. The rate of participation was also similar for most age groups.

FREQUENCY OF PARTICIPATION	About a third (32% or 5.1 million) of the population aged 15 years and over undertook sports or physical recreation activities for a total of 105 times or more in the previous twelve months. More females (2.8 million) than males (2.3 million) participated for 105 times or more with the rates of participation at this frequency being 30% and 34% respectively.
	The majority of participants (56% or 6.0 million) undertook just one activity, with 25% participating in two activities, and 18% in three or more activities. Males and females participated in similar numbers of activities.
REGULARITY OF PARTICIPATION	Regular participation in sports and physical recreation activities was defined as participation undertaken more than twice a week in the 12 months prior to interview. The survey found there were 4.7 million people (29% of the population) who regularly participated in sports and physical recreation activities. This represented almost half

(45%) of all participants.

Occasional and infrequent participants numbered 3.7 million and represented over a third (35%) of participants (23% of the population aged 15 years and over). Infrequent, part-year participation was a feature of those in the younger age groups, with 16% of those aged 15–17 and 12% of those aged 18–24 and 25–34 years reporting this level of participation.

 $\ensuremath{\mathsf{PARTICIPANTS}}$, Sports and physical recreation—Regularity of participation



More females (32% or 2.6 million) participated more than twice a week than males (27% or 2.1 million). Females aged 25 to 64 years, reported similar rates of more than twice-weekly participation (ranging from 33% to 37% across the age groups) while males aged 15–17 years were more likely (33%) to participate twice-weekly than males in other age groups.

Among Australians aged 15 years and over, walking was the most commonly reported physical recreation activity, with over 4.0 million people participating in the 12-month period prior to interview. The overall participation rate for walking was 25%. The next most popular activities were aerobics/fitness (2.0 million participants and a participation rate of 13%), swimming (1.4 million or 9%) then cycling (1.0 million or 6%). Participation in golf attracted 6% of the population aged 15 years and over (875,500) during the

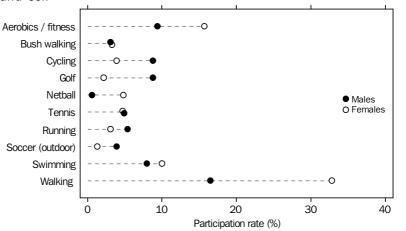
MAIN SPORTS AND PHYSICAL RECREATION ACTIVITIES

MAIN SPORTS AND PHYSICAL RECREATION ACTIVITIES continued

12-month period, followed by both tennis (768,900 or 5%) and running (681,300 or 4%). Participation in outdoor soccer (419,600 or 3%) was higher than Australian Rules football(268,700 or 2%).

Twice as many females as males (2.7 million and 1.3 million respectively) walked for exercise in the 12-month period. More males participated in Australian Rules football (240,800) than females (27,900) and males also dominated in soccer (indoor and outdoor) (459,600 compared to 155,600 females), cricket (indoor and outdoor) (424,700 compared to 30,800 females) and fishing (220,100 compared to 30,800 females). By comparison, female participation in netball (387,500), yoga (248,700) and dancing (177,300) was higher than that of males (43,400, 24,800 and 47,700 respectively).

Of all the sports and physical recreation undertaken in an organised capacity, the activity most commonly participated in by Australians 15 years and over, was aerobics/fitness (570,000). Netball (333,800) was the next most popular organised sport followed by tennis (250,400) and soccer (outdoor) (248,500). Activities that were commonly undertaken only in a non-organised capacity were walking for exercise (3.9 million), aerobics/fitness and swimming (both 1.3 million) and cycling (913,100). Activities that were commonly undertaken both in an organised and a non-organised capacity included golf (175,000), aerobics/fitness (160,600) and swimming (99,300).



 $\ensuremath{\mathsf{PARTICIPANTS}}$, By top ten sports and physical recreation activities and sex

The 'main sports and physical recreation activities' presented below are the ten activities with the highest participation rates reported by Australians aged 15 years and over, in the 12 months prior to the survey.

Aerobics/FitnessThere were an estimated 2.0 million Australians aged 15 years and over who reported
that they had participated in aerobics/fitness activities in the 12 months prior to
interview. This activity was the second most popular after walking, with a participation
rate of 13%.

Females had a higher rate of participation in this activity (16%) compared to males (9%). Those aged 18–24 years had the overall highest participation rate (20%).

Residents of the Australian Capital Territory (18%) reported the highest participation rate for this activity.

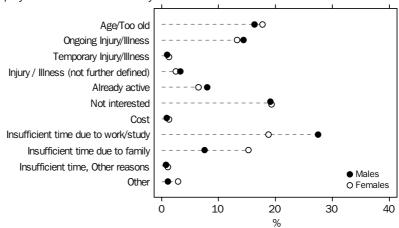
Aerobics/Fitness continued	The majority of people (64%) who were involved in aerobic/fitness activities participated in a non-organised capacity only. This is more than double the rate for those who participated in aerobic/fitness activities organised by a club, association or other organisation (28%).
	Of the estimated 2.0 million people who participated in aerobics/fitness activities during the 12-month period, the majority (74%) participated 53 times or more in the 12 months. A further 12% participated between 27 to 52 times while 8% had done so 13 to 26 times, and 7% for 1 to 12 times.
Bushwalking	In the 12-month period prior to interview, there were more than half a million Australians aged 15 years and over who reported that they had been bushwalking. The overall participation rate was 3%, with males and females showing similar rates of participation (both 3%).
	Tasmania had the highest participation rate for bushwalking (6%) while New South Wales had the highest number of people aged 15 years and over participating in this activity (195,400).
	The 45–54 year age group had the highest number of people participating in bushwalking (144,300). The rates of participation were similar for those aged 45–54 years, 35–44 years and 55–64 years (5%, 4% and 4% respectively).
	Of all bushwalkers, 87% participated on a non-organised basis only, whereas only 7% of bushwalkers participated solely in organised bushwalking.
	There were 341,400 bushwalkers (66%) who went bushwalking 53 times or more in the 12 months prior to interview, with a further 78,100 people (15%) participating 27 to 52 times, 56,800 people (11%) participating 1 to 12 times and 43,200 people (8%) bushwalking 13 to 26 times.
Cycling	There were over 1.0 million (6%) people aged 15 years and over who had been cycling in the 12 months prior to interview, with more than twice as many males (9% or 691,000) reporting having cycled than females (4% or 320,700).
	The Australian Capital Territory recorded the highest participation rate for cycling (12%), with New South Wales and Victoria recording the highest numbers (298,300 and 256,100 respectively).
	The highest number of people (281,500) who went cycling were aged 35-44 years.
	The majority of people who went cycling participated only in a non-organised capacity (90%), with only a very small number involved solely in organised cycling (2%).
	More than three quarters (79%) of the estimated 1.0 million people who cycled participated in this activity for 53 times or more in the 12 months prior to interview. A further 12% undertook cycling from 27 to 52 times in the same period.
Golf	There were 875,500 or 6% of Australians aged 15 years and over who participated in golf in the 12 months prior to interview. Almost four times as many males (695,600) as females (179,900) played golf in the same period.

Golf continued	New South Wales and Victoria recorded the highest number of participants (277,000 an 236,900 respectively).
	Those aged 55–64 years had the highest participation rate (9%) and the highest numbe of participants (190,100).
	More than half (54%) of people who played golf in the 12 months prior to interview participated only in a non-organised capacity while 26% of golfers were involved only as participants through a club or association.
	Of the 875,500 people aged 15 years or over who played golf, 61% (535,900) participate 53 times or more, 16% (137,000) for 27 to 52 times, 13% (117,700) for 1 to 12 times and 10% (85,000) for 13 to 26 times.
Netball	In the 12 months prior to interview, there were an estimated 431,000 Australians aged 15 years and over who played netball. This represented a participation rate of 3%. Netball was more popular among females, with over eight times as many females (387,500) participating than males (43,400).
	Victoria and New South Wales had high numbers of participants aged 15 years and over (126,900 and 121,500 respectively).
	The highest participation rate in netball was recorded by those aged 15–17 years (10%) with the highest number of participants being from the 25–34 year age group (127,300)
	The majority (78%) of netball participants played netball organised by clubs, association or other organisations, while 19% played only in a non-organised capacity.
	Of the total number of people who played netball, 63% (270,500) had done so 53 times or more in the 12 months before interview. Almost a quarter of the participants (24% a 102,100 people) had participated for 27 to 52 times in the same period.
Running	There were an estimated 681,300 Australians aged 15 years and over who had reported that they participated in running as a sport or physical recreation activity in the 12 months prior to interview. The overall participation rate was 4%, with males having higher participation rate than females (5% and 3% respectively).
	The highest number of participants (244,500) was reported by New South Wales, followed by Victoria (171,000) and Queensland (122,800).
	High numbers of participants were reported for the age groups 25–34 years (205,900) and those aged 35–44 years (168,100).
	The majority of people (89%) who participated in running did so in a non-organised capacity.
	Of all runners, 585,200 (86%) went running 53 times or more, while a further 53,600 (8%) participated 27 to 52 times.
Soccer (outdoor)	Soccer (outdoor) was the equal 9th (with netball) most popular sports and physical recreation activity among Australians aged 15 years and over (3% or 419,600). More males participated (4% or 311,500) than females (1% or 108,100).

Soccer (outdoor) continued	The 15–17 year age group recorded the highest participation rate (16%) as well as the highest number of participants (127,500) in the 12 months prior to interview. The majority of the participants (59%) played outdoor soccer only in an organised capacity. Similarly, 65% played outdoor soccer 53 times or more in the 12 month period.
	New South Wales recorded the highest number of participants (219,800) and the highest participation rate (4%). This was followed by Victoria (76,700) and Queensland (63,000), both with similar rates (2%).
Swimming	Swimming recorded the third highest participation rate (9%) of all sports and physical recreation activities among Australians aged 15 years and over in the 12-month period prior to interview. More females (10% or 814,000) than males (8% or 633,300) participated in this activity.
	High rates of participation were recorded for those aged 25–34 years (12%), 35-44 years (11%) and 45-54 years (11%).
	Rates of participation were similar for the Australian Capital Territory (11%), New South Wales and Western Australia (both 10%). New South Wales had the highest number of participants (556,400).
	The majority of swimming participants (87%) participated in a non-organised capacity. More than three quarters of participants (77% or 1.1 million) went swimming 53 times or more in the 12 months prior to interview. A further 13% (186,300) of swimmers participated 27 to 52 times, and 6% or 89,500 participated 13 to 26 times.
Tennis	In the 12–month period prior to interview, 768,900 Australians aged 15 years and over reported playing tennis as a sport or physical recreation activity. This represents a participation rate of 5%. Males and females showed similar participation rates (both 5%).
	New South Wales recorded a participation rate of 6% for tennis and the highest number of people who played tennis (309,000). South Australia and Victoria had similar participation rates (6% or 68,400 and 5% or 191,300 respectively).
	People aged 15–17 years recorded the highest participation rate for tennis (9%), followed by those aged 25–34 years and 18–24 years (both 6%). The highest number of participants were from the 25–34 year age group (171,000), followed by the 35–44 year age group (147,700) and those aged 45–54 years (127,200).
	Most tennis participants (59%) were involved in this activity only in a non-organised capacity. Approximately a third (33%) participated only on an organised basis.
	Almost three quarters of participants (73% or 563,500) played tennis for 53 times or more in the 12-month period prior to interview. A further 13% (102,000) were involved for 27 to 52 times, 8% (57,300) for 1 to 12 times and 6% (46,000) for 13 to 26 times in the same period.

Walking	Walking was the most commonly reported sports and physical recreation activity among Australians aged 15 years and over, with a participation rate of 25%. Females had a higher participation rate (33%) than males (17%), with over twice as many females (2.7 million) than males (1.3 million) reporting walking for physical recreation or exercise in the 12 months prior to interview.
	The Australian Capital Territory recorded the highest participation rate for walking (36%). This was followed by South Australia (28%), Western Australia (28%) and Tasmania (27%).
	People aged 55–64 years reported the highest participation rates for walking (35%). The participation rates were similar for those aged 45–54 years (31%) and those aged 65 years and over (29%). The highest number of participants were from the 45–54 year age group (853,300).
	Nearly all participants (98%) in this activity did so only in a non-organised capacity.
	Most participants (82% or 3.2 million) walked for recreation 53 times or more over the 12-month period before interview. A further 10% (383,600) participated for 27 to 52 times and 5% (199,700) for 13 to 26 times.
CONSTRAINTS ON PARTICIPATION	Constraints on participation were asked of people who did not participate in sports and physical recreation activity or those who participated only for 1–12 times in all activities in the 12 months prior to interview. An estimated 1.7 million people indicated that insufficient time due to work or study was a common constraint to participation. This represented 23% of responses. Simply being 'not interested' in sport or physical activity was the second most common reason given (1.4 million or 19% of responses).
	Among males, insufficient time due to work or study was the most common reason given (1.0 million or 28% of responses). Females, however, cited a number of reasons for not participating including being not interested (719,400 or 19% of responses), insufficient time due to work/study (698,200 or 19%) and age/too old (658,700 or 18%).
	When asked for the main reason for non-participation, responses were similar. Some respondents also reported age (1.1 million or 17%), on-going injury or illness (920,900 or 14%) and insufficient time due to family responsibilities (606,700 or 10%) as their main reasons for non-participation.
	More males (27%) than females (18%) reported insufficient time due to work or study as the main reason for not participating in sports or recreation activities. In comparison, more than twice the number of females than males (435,400 or 14% and 171,200 or 5% respectively) indicated insufficient time due to family commitments as being the main reason for their low level of participation.
	Almost half (47%) of people aged 15–17 years who were asked about their participation indicated lack of interest as their main reason for not participating. Insufficient time due to work or study commitments was the main reason most commonly indicated by those aged 18–24 years, 25–34 years, 35–44 years and 45–50 years (40%, 31%, 31% and 27% respectively).
	Age and on-going injury or illnesses were the main constraints cited by those aged 55–64

CONSTRAINTS ON PARTICIPATION continued



NON-PARTICIPANTS AND LOW LEVEL PARTICIPANTS, Sports and physical recreation—By all constraints and sex

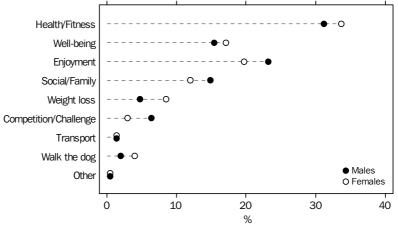
MOTIVATORS FOR PARTICIPATION

Those who participated in sports and physical recreation activities 13 times or more in the 12-month period prior to interview were asked their reasons for participation. A variety of reasons were reported including health and fitness (33% or 7.8 million people), enjoyment (21% or 5.2 million), well-being (16% or 3.9 million) and social or family reasons (14% or 3.2 million).

When asked about the main reason for participating, health/fitness and enjoyment dominated the reasons given by participants (54% and 22% respectively). More females than males indicated health, fitness and well-being as being important, whereas more males than females indicated enjoyment and social or family reasons as a reason for participating.

Enjoyment was the main reason for participating given by close to half (45%) of participants aged 15–17 years. This proportion declined to 30% for those aged 18-24 and was the main reason for about one in five of those in all other age groups. In contrast, health and fitness was the main motivator indicated by more than half of those in all age groups from 25–34 years to 65 years and over, but was the main reason for just one quarter (26%) of those aged 15–17 years.

<code>PARTICIPANTS (FOR 13 TIMES OR MORE), Sports and physical recreation—By all motivators and sex</code>



$\label{eq:characteristics} CHARACTERISTICS \ OF \ PARTICIPANTS, \ Sports \ and \ physical \ recreation$

	MALES		FEMALES		PERSONS	
	Participation		Participation		P	articipation
	Number	rate	Number	rate	Number	rate
	'000	%	'000	%	'000	%
Age group (years)						
15–17	307.8	77.3	302.8	72.1	610.5	74.6
18–24	735.2	73.3	671.3	71.8	1 406.4	72.6
25–34	1 054.5	76.3	1 033.9	74.0	2 088.3	75.1
35–44	975.4	66.7	1 035.9	69.1	2 011.2	68.0
45–54	871.8	63.5	923.4	65.7	1 795.2	64.6
55–64	670.1	60.4	716.3	64.6	1 386.5	62.5
65 and over	591.0	50.8	652.9	48.2	1 243.9	49.4
Region						
State Capital Cities(a)	3 322.6	67.3	3 343.5	65.4	6 666.1	66.3
Rest of Australia(b)	1 883.1	63.8	1 992.9	66.3	3 876.0	65.0
Country of birth						
Born in Australia	3 835.5	67.8	4 042.5	68.8	7 878.1	68.3
Other main English-speaking countries	622.3	71.6	619.4	73.2	1 241.6	72.4
Other countries	747.9	55.0	674.5	48.4	1 422.4	51.6
Labour force status						
	3 907.4	70.8	2 202 2	73.5	7 005 6	70.0
Employed Full-time	3 907.4 3 343.4	70.8	3 298.2 1 772.7	73.5 74.2	7 205.6 5 116.2	72.0 71.5
Part-time	5 543.4 564.0	70.2	1 525.5	74.2	2 089.5	71.5
Unemployed	564.0 193.8	74.2 68.4	1 525.5	72.8 63.7	2 089.5 362.1	73.2 66.1
Not in labour force	193.8	53.0	1 869.9	55.5	2 974.3	54.5
	1 104.4	55.0	1 809.9	55.5	2 914.5	54.5
Household composition						
Couple family with dependent children	1 876.0	69.5	1 884.9	70.4	3 760.9	70.0
One parent family with dependent children	186.7	75.6	391.1	61.8	577.8	65.7
Couple only	1 380.6	66.2	1 425.9	69.0	2 806.5	67.6
Other one family households	746.9	57.9	671.9	61.5	1 418.8	59.6
Multiple family households with dependent children	18.6	36.6	43.5	43.8	62.0	41.3
Multiple family households with no dependent children	44.2	50.0	36.5	50.6	80.8	50.3
Lone person	572.8	63.9	597.9	56.3	1 170.7	59.8
Group household	261.4	76.0	170.5	73.1	432.0	74.8
Could not be determined	118.3	63.1	114.2	61.5	232.5	62.3
Total	5 205.7	66.0	5 336.4	65.7	10 542.1	65.9
Total population aged 15 years and over	7 889.3		8 119.4		16 008.7	
••••••••••••••••					• • • • • • • • • • • •	
not applicable		(b) Include	a all of ACT and NT			

.. not applicable

(b) Includes all of ACT and NT.

(a) Comprises the six state capital city statistical divisions.

Age group (years)	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.	
()										
NUMBER ('000)										
Males 15–17	106.6	51.0	75.4	25.5	36.6	6.5	*2.7	*3.5	307.8	
18-24	236.6	193.8	144.1	50.1	75.2	17.5	*4.4	13.6	735.2	
25–34	362.7	265.8	209.0	73.5	96.9	18.7	8.5	19.4	1 054.5	
35–44	324.4	237.8	183.1	71.2	109.9	20.8	9.0	19.1	975.4	
45–54	282.0	205.4	178.9	63.0	94.1	23.9	*6.6	17.9	871.8	
55–64	215.9	163.9	127.7	60.4	71.9	15.5	**1.4	13.3	670.1	
65 and over	198.5	136.9	115.3	47.1	62.6	17.9	**1.5	11.1	591.0	
Total	1 726.8	1 254.6	1 033.5	390.8	547.2	120.8	34.1	97.9	5 205.7	
Females										
15–17	97.2	77.5	59.8	20.1	32.0	7.3	**1.7	7.1	302.8	
18-24	215.2	172.4	127.9	55.4	67.9	17.1	*3.1	12.1	671.3	
25–34	350.9	269.8	193.7	70.5	100.9	22.3	*5.8	20.0	1 033.9	
35-44	331.9	262.0	208.6	76.4	107.6	22.9	7.6	18.9	1 035.9	
45–54	292.8	231.1	168.5	75.2	105.6	24.0	7.6	18.7	923.4	
55–64	222.8	169.9	153.2	58.1	76.3	17.7	*3.6	14.8	716.3	
65 and over	200.9	174.7	125.3	59.3	62.8	16.8	**1.2	11.9	652.9	
Total	1 711.6	1 357.4	1 037.1	415.0	553.1	128.2	30.6	103.6	5 336.4	
Persons										
15-17	203.8	128.4	135.2	45.7	68.6	13.8	*4.4	10.6	610.5	
18-24	451.8	366.2	272.0	105.5	143.1	34.7	7.5	25.7	1 406.4	
25-34	713.6	535.6	402.8	144.0	197.7	41.0	14.3	39.5	2 088.3	
35-44	656.3	499.9 426 F	391.6	147.6	217.5	43.7	16.6	38.0	2 011.2	
45–54 55–64	574.7 438.7	436.5	347.4	138.1	199.7	47.9	14.2	36.6	1 795.2	
65 and over	438.7 399.4	333.8 311.5	280.9 240.7	118.5 106.5	148.2 125.4	33.2 34.7	*5.0 *2.7	28.1 23.0	1 386.5 1 243.9	
Total	3 438.4	2 611.9	240.7	805.8	1 100.2	248.9	64.7	23.0 201.5	10 542.1	
rotar	5 450.4	2 011.9	2 070.0	000.0	1 100.2	240.3	04.7	201.5	10 342.1	
•••••				• • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •		
			PARTICIP	ATION	RAIE (%)				
Males										
15–17										
	76.1	67.8	84.2	83.1	81.2	83.3	*77.1	*56.5	77.3	
18–24	76.1 74.1	67.8 70.5	84.2 76.0	83.1 68.0	81.2 77.7	83.3 70.0	*77.1 *66.7	*56.5 78.2	77.3 73.3	
18–24 25–34										
	74.1	70.5	76.0	68.0	77.7	70.0	*66.7	78.2	73.3	
25–34	74.1 77.5	70.5 75.1	76.0 78.1	68.0 76.1	77.7 72.9	70.0 69.3	*66.7 76.6	78.2 79.5	73.3 76.3	
25–34 35–44	74.1 77.5 66.6	70.5 75.1 64.3	76.0 78.1 65.1	68.0 76.1 65.4	77.7 72.9 75.3	70.0 69.3 63.2	*66.7 76.6 72.6	78.2 79.5 84.1	73.3 76.3 66.7	
25–34 35–44 45–54 55–64 65 and over	74.1 77.5 66.6 61.8 58.3 49.3	70.5 75.1 64.3 60.7 61.1 46.7	76.0 78.1 65.1 67.3 58.0 53.8	68.0 76.1 65.4 59.0 68.7 47.7	77.7 72.9 75.3 67.8 66.1 59.7	70.0 69.3 63.2 69.1 53.4 58.1	*66.7 76.6 72.6 *60.0 **18.2 **35.7	78.2 79.5 84.1 82.5 78.7 80.4	73.3 76.3 66.7 63.5 60.4 50.8	
25–34 35–44 45–54 55–64	74.1 77.5 66.6 61.8 58.3	70.5 75.1 64.3 60.7 61.1	76.0 78.1 65.1 67.3 58.0	68.0 76.1 65.4 59.0 68.7	77.7 72.9 75.3 67.8 66.1	70.0 69.3 63.2 69.1 53.4	*66.7 76.6 72.6 *60.0 **18.2	78.2 79.5 84.1 82.5 78.7	73.3 76.3 66.7 63.5 60.4	
25–34 35–44 45–54 55–64 65 and over <i>Total</i>	74.1 77.5 66.6 61.8 58.3 49.3	70.5 75.1 64.3 60.7 61.1 46.7	76.0 78.1 65.1 67.3 58.0 53.8	68.0 76.1 65.4 59.0 68.7 47.7	77.7 72.9 75.3 67.8 66.1 59.7	70.0 69.3 63.2 69.1 53.4 58.1	*66.7 76.6 72.6 *60.0 **18.2 **35.7	78.2 79.5 84.1 82.5 78.7 80.4	73.3 76.3 66.7 63.5 60.4 50.8	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females	74.1 77.5 66.6 61.8 58.3 49.3 65.3	70.5 75.1 64.3 60.7 61.1 46.7 63.6	76.0 78.1 65.1 67.3 58.0 53.8 67.6	68.0 76.1 65.4 59.0 68.7 47.7 64.8	77.7 72.9 75.3 67.8 66.1 59.7 70.8	70.0 69.3 63.2 69.1 53.4 58.1 64.6	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4	78.2 79.5 84.1 82.5 78.7 80.4 79.5	73.3 76.3 66.7 63.5 60.4 50.8 66.0	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17	74.1 77.5 66.6 61.8 58.3 49.3 65.3	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7	68.0 76.1 65.4 59.0 68.7 47.7 64.8	77.7 72.9 75.3 67.8 66.1 59.7 70.8	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4	78.2 79.5 84.1 82.5 78.7 80.4 79.5	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8 67.2	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9 68.6	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8 67.2 63.0	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9 68.6 66.2	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1 65.7	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9 68.6 66.2 61.9	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 68.6 64.3	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6	$\begin{array}{c} 73.3\\ 76.3\\ 66.7\\ 63.5\\ 60.4\\ 50.8\\ 66.0\\ \hline \\ 72.1\\ 71.8\\ 74.0\\ 69.1\\ 65.7\\ 64.6\\ \end{array}$	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i>	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4	$\begin{array}{c} 70.5 \\ 75.1 \\ 64.3 \\ 60.7 \\ 61.1 \\ 46.7 \\ 63.6 \\ \\ 70.5 \\ 74.9 \\ 74.9 \\ 68.6 \\ 66.2 \\ 61.9 \\ 50.1 \end{array}$	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3	$70.0 \\ 69.3 \\ 63.2 \\ 69.1 \\ 53.4 \\ 58.1 \\ 64.6 \\ 73.7 \\ 79.9 \\ 78.2 \\ 66.2 \\ 67.4 \\ 60.6 \\ 46.9 \\ $	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 *35.3	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5	$\begin{array}{c} 73.3 \\ 76.3 \\ 66.7 \\ 63.5 \\ 60.4 \\ 50.8 \\ 66.0 \\ \end{array}$ $\begin{array}{c} 72.1 \\ 71.8 \\ 74.0 \\ 69.1 \\ 65.7 \\ 64.6 \\ 48.2 \end{array}$	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons	74.1 77.5 66.6 61.8 58.3 49.3 65.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9	$\begin{array}{c} 70.5 \\ 75.1 \\ 64.3 \\ 60.7 \\ 61.1 \\ 46.7 \\ 63.6 \\ 70.5 \\ 74.9 \\ 74.9 \\ 68.6 \\ 66.2 \\ 61.9 \\ 50.1 \\ 66.1 \end{array}$	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 68.6 64.3 49.9 66.7	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3	$\begin{array}{c} 70.0 \\ 69.3 \\ 63.2 \\ 69.1 \\ 53.4 \\ 58.1 \\ 64.6 \\ 73.7 \\ 79.9 \\ 78.2 \\ 66.2 \\ 67.4 \\ 60.6 \\ 46.9 \\ 65.7 \end{array}$	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 **35.3 56.1	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1 65.7 64.6 48.2 65.7	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons 15–17	74.1 77.5 66.6 61.8 58.3 49.3 65.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9 71.3	$\begin{array}{c} 70.5\\ 75.1\\ 64.3\\ 60.7\\ 61.1\\ 46.7\\ 63.6\\ 70.5\\ 74.9\\ 74.9\\ 68.6\\ 66.2\\ 61.9\\ 50.1\\ 66.1\\ 66.1\\ \end{array}$	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7 81.7	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9 66.7 78.9	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6 46.9 65.7 78.0	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 **35.3 56.1	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1 65.7 64.6 48.2 65.7 74.6	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons 15–17 18–24	74.1 77.5 66.6 61.8 58.3 49.3 65.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9 71.3 73.0	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9 68.6 66.2 61.9 50.1 66.1 69.4 72.5	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7 81.7 71.2	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9 66.7 78.9 72.3	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3 80.4 73.9	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6 46.9 65.7 78.0 74.8	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 **35.3 56.1 *57.9 61.0	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5 79.7 75.8	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1 65.7 64.6 48.2 65.7 74.6 72.6	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons 15–17 18–24 25–34	74.1 77.5 66.6 61.8 58.3 49.3 65.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9 71.3 73.0 75.6	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9 68.6 66.2 61.9 50.1 66.1 66.1 69.4 72.5 75.0	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7 81.7 71.2 75.1	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9 66.7 78.9 72.3 75.7	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3 80.4 73.9 74.1	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6 46.9 65.7 78.0 74.8 73.9	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 **35.3 56.1 *57.9 61.0 61.9	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5 79.7 75.8 80.1	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1 65.7 64.6 48.2 65.7 74.6 72.6 75.1	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons 15–17 18–24	74.1 77.5 66.6 61.8 58.3 49.3 65.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9 71.3 73.0	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9 68.6 66.2 61.9 50.1 66.1 69.4 72.5	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7 81.7 71.2	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9 66.7 78.9 72.3	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3 80.4 73.9	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6 46.9 65.7 78.0 74.8	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 **35.3 56.1 *57.9 61.0	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5 79.7 75.8	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1 65.7 64.6 48.2 65.7 74.6 72.6	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons 15–17 18–24 25–34 35–44	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9 71.3 73.0 75.6 66.9	70.5 75.1 64.3 60.7 61.1 46.7 63.6 70.5 74.9 74.9 68.6 66.2 61.9 50.1 66.1 69.4 72.5 75.0 66.5	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7 81.7 71.2 75.1 68.2	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9 66.7 78.9 72.3 75.7 67.5	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3 80.4 73.9 74.1 73.9	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6 46.9 65.7 78.0 74.8 73.9 64.7	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 **35.3 56.1 *57.9 61.0 61.9 66.9	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5 79.7 75.8 80.1 80.7	$\begin{array}{c} 73.3\\ 76.3\\ 66.7\\ 63.5\\ 60.4\\ 50.8\\ 66.0\\ \end{array}$ $\begin{array}{c} 72.1\\ 71.8\\ 74.0\\ 69.1\\ 65.7\\ 64.6\\ 48.2\\ 65.7\\ \end{array}$ $\begin{array}{c} 74.6\\ 72.6\\ 75.1\\ 68.0\\ \end{array}$	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons 15–17 18–24 25–34 35–44 45–54	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9 71.3 73.0 75.6 66.9 62.4	$\begin{array}{c} 70.5\\ 75.1\\ 64.3\\ 60.7\\ 61.1\\ 46.7\\ 63.6\\ \\70.5\\ 74.9\\ 74.9\\ 68.6\\ 66.2\\ 61.9\\ 50.1\\ 66.1\\ \\66.4\\ 72.5\\ 75.0\\ 66.5\\ 63.5\\ \end{array}$	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7 81.7 71.2 75.1 68.2 64.6	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9 66.7 78.9 72.3 75.7 67.5 63.8	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3 80.4 73.9 74.1 73.9 74.2	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6 46.9 65.7 78.0 74.8 73.9 64.7 68.3	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 **35.3 56.1 *57.9 61.0 61.9 66.9 66.4	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5 79.7 75.8 80.1 80.7 80.4	73.3 76.3 66.7 63.5 60.4 50.8 66.0 72.1 71.8 74.0 69.1 65.7 64.6 48.2 65.7 74.6 72.6 75.1 68.0 64.6	
25–34 35–44 45–54 55–64 65 and over <i>Total</i> Females 15–17 18–24 25–34 35–44 45–54 55–64 65 and over <i>Total</i> Persons 15–17 18–24 25–34 35–44 45–54 55–64	74.1 77.5 66.6 61.8 58.3 49.3 65.3 66.7 71.9 73.8 67.2 63.0 60.5 42.4 62.9 71.3 73.0 75.6 66.9 62.4 59.4	$\begin{array}{c} 70.5\\ 75.1\\ 64.3\\ 60.7\\ 61.1\\ 46.7\\ 63.6\\ \\70.5\\ 74.9\\ 74.9\\ 68.6\\ 66.2\\ 61.9\\ 50.1\\ 66.1\\ \\66.1\\ \\69.4\\ 72.5\\ 75.0\\ 66.5\\ 63.5\\ 61.5\\ \end{array}$	76.0 78.1 65.1 67.3 58.0 53.8 67.6 78.7 66.4 72.1 71.2 62.1 70.9 52.7 66.7 81.7 71.2 75.1 68.2 64.6 64.4	68.0 76.1 65.4 59.0 68.7 47.7 64.8 73.9 76.6 75.2 69.6 68.6 64.3 49.9 66.7 78.9 72.3 75.7 67.5 63.8 66.5	77.7 72.9 75.3 67.8 66.1 59.7 70.8 79.6 70.1 75.4 72.5 74.5 72.0 52.3 70.3 80.4 73.9 74.1 73.9 74.1 73.9 71.2 69.0	70.0 69.3 63.2 69.1 53.4 58.1 64.6 73.7 79.9 78.2 66.2 67.4 60.6 46.9 65.7 78.0 74.8 73.9 64.7 68.3 57.0	*66.7 76.6 72.6 *60.0 **18.2 **35.7 60.4 **41.5 *53.4 *47.9 61.3 73.1 *57.1 *57.1 *57.1 *57.9 61.0 61.9 66.9 66.4 *35.7	78.2 79.5 84.1 82.5 78.7 80.4 79.5 100.0 73.3 80.3 77.8 78.6 84.6 73.5 79.5 79.7 75.8 80.1 80.7 80.4 81.7	$\begin{array}{c} 73.3\\ 76.3\\ 66.7\\ 63.5\\ 60.4\\ 50.8\\ 66.0\\ \hline\\ 72.1\\ 71.8\\ 74.0\\ 69.1\\ 65.7\\ 64.6\\ 48.2\\ 65.7\\ \hline\\ 74.6\\ 72.6\\ 75.1\\ 68.0\\ 64.6\\ 62.5\\ \end{array}$	

 * \qquad 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

(a) Refers to mainly urban areas only. See paragraph 8 of Explanatory Notes.

			Both organised			
	Organised only	Non-organised only	and non-organised	Total organised	Total non-organised	Total participation
Age group	Unity	Unity	non-organised	Total organised	non-organised	participation
(years)	(A)	(B)	(C)	(A+C)	(B+C)	(A+B+C)
• • • • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • •				• • • • • • • • • •
		NU	JMBER ('00	0)		
Males						
15–17	126.5	87.9	92.8	219.3	180.7	307.8
18–24	201.5	304.6	229.0	430.6	533.6	735.2
25–34	202.0	557.3	293.3	495.3	850.6	1 054.5
35–44	154.7	588.7	231.6	386.4	820.3	975.4
45–54	106.1	578.9	186.3	292.4	765.2	871.8
55–64	92.9	430.8	145.8	238.7	576.6	670.1 501.0
65 and over <i>Total</i>	121.1 1 004.8	367.9 2 916.0	101.6 1 280.5	222.7 2 285.3	469.5 4 196.5	591.0 5 205.7
rotar	1 004.0	2 010.0	1 200.0	2 200.0	4 100.0	3 200.1
Females						
15–17	124.1	73.2	103.6	227.7	176.9	302.8
18-24	171.9	312.0	187.4	359.3	499.4	671.3
25–34 35–44	156.0 123.6	616.5 668.0	259.4 241.2	415.3 364.8	875.8 909.2	1 033.9 1 035.9
45–54	123.0	627.2	178.6	294.8	909.2 805.8	923.4
43–34 55–64	92.3	493.4	130.7	223.0	624.1	716.3
65 and over	134.5	422.7	93.9	228.4	516.6	652.9
Total	918.6	3 213.0	1 194.8	2 113.4	4 407.7	5 336.4
-						
Persons	050.0	101.4	100.1	447.0	257.5	C10 F
15–17 18–24	250.6	161.1	196.4	447.0	357.5	610.5
25–34	373.4 358.0	616.6 1 173.7	416.4 552.7	789.9 910.6	1 033.0 1 726.4	1 406.4 2 088.3
35-44	278.4	1 256.6	472.8	751.2	1 720.4	2 088.3
45–54	222.3	1 206.1	364.9	587.2	1 571.0	1 795.2
55-64	185.2	924.2	276.6	461.7	1 200.7	1 386.5
65 and over	255.6	790.6	195.5	451.1	986.1	1 243.9
Total	1 923.4	6 128.9	2 475.3	4 398.7	8 604.2	10 542.1
		PARTIC	IPATION RA	ATE (%)		
M . I						
Males 15–17	31.8	22.1	23.3	55.1	45.4	77.3
18–24	20.1	30.4	23.3	42.9	43.4 53.2	73.3
25–34	14.6	40.3	22.8	35.8	61.6	76.3
35–44	10.6	40.3	15.8	26.4	56.1	66.7
45–54	7.7	42.1	13.6	21.3	55.7	63.5
55–64	8.4	38.8	13.1	21.5	52.0	60.4
65 and over	10.4	31.7	8.7	19.2	40.4	50.8
Total	12.7	37.0	16.2	29.0	53.2	66.0
Females						
15–17	29.5	17.4	24.7	54.2	42.1	72.1
18–24	18.4	33.4	20.0	38.4	53.4	71.8
25–34	11.2	44.1	18.6	29.7	62.7	74.0
35–44	8.2	44.6	16.1	24.3	60.7	69.1
45–54	8.3	44.6	12.7	21.0	57.3	65.7
55-64	8.3	44.5	11.8	20.1	56.3	64.6
65 and over	9.9	31.2	6.9	16.9	38.2	48.2
Total	11.3	39.6	14.7	26.0	54.3	65.7
Persons						
15–17	30.6	19.7	24.0	54.6	43.7	74.6
18–24	19.3	31.8	21.5	40.8	53.3	72.6
25–34	12.9	42.2	19.9	32.8	62.1	75.1
35–44	9.4	42.5	16.0	25.4	58.4	68.0
45-54	8.0	43.4	13.1	21.1	56.5	64.6
55–64 65 and over	8.4 10.2	41.7 31.4	12.5 7.8	20.8	54.2 39.2	62.5 49.4
Total	10.2	31.4	15.5	17.9 27.5	39.2 53.7	49.4 65.9
1000	12.0	00.0	10.0	21.0	00.1	00.0

PARTICIPANTS, Sports and physical recreation—Number of activities by total frequency

TOTAL FREQUENCY 105 or Number 27–52 1–12 13–26 53–104 of more times times times times times Total activities NUMBER ('000) Males 1 504.7 439.1 558.8 462.9 892.7 2 858.2 2 55.2 112.7 213.6 288.4 658.1 1 328.0 59.2 3 109.8 472.6 **1.1 *10.9 653.6 4 *13.3 *23.3 179.3 215.9 _ _ 5 _ **1.6 **0.8 **3.5 70.0 75.9 **3.9 6 *5.9 64.3 74.1 _ _ 561.0 564.3 Total 849.6 893.9 2 336.9 5 205.7 Females 1 414.2 390.7 589.1 474.7 1 223.5 3 092.3 2 37.0 89.0 147.8 230.9 834.9 1 339.6 3 **2.4 *13.1 50.9 74.6 462.4 603.5 **0.2 Δ **3.9 _ 32.8 190.5 227.4 _ 5 _ **2.7 **1.3 43.4 47.5 **1.6 *24.5 6 26.1 _ _ Total 453.6 493.0 796.1 2 779.2 814.4 5 336.4 Persons 919.0 829.8 1 147.9 937.7 5 950.5 1 2 116.2 2 92.1 201.7 361.4 519.4 1 493.0 2 667.7 **3.5 *24.0 1 257.0 3 110.1 184.4 935.0 4 **0.2 *17.2 56.2 369.7 443.3 _ 113.5 5 **1.6 **3.5 **4.8 123.3 _ 6 _ _ *5.5 *5.9 88.8 100.2 Total 1 014.6 1 057.3 1 645.7 1 708.3 5 116.1 10 542.1 PARTICIPATION RATE (%) Males 1 6.4 5.6 7.1 5.9 11.3 36.2 2 0.7 2.7 8.3 16.8 1.4 3.7 3 *0.1 0.8 1.4 6.0 8.3 _ 4 *0.2 *0.3 2.3 2.7 _ _ 5 _ _ _ _ 0.9 1.0 6 *0.1 0.8 0.9 7.1 7.2 10.8 Total 11.3 29.6 66.0 Females 1 4.8 7.3 5.8 15.1 38.1 5.1 2 0.5 1.1 1.8 2.8 10.3 16.5 3 *0.2 0.6 0.9 5.7 7.4 _ 4 _ _ _ 0.4 2.3 2.8 5 _ _ _ 0.5 0.6 — 6 *0.3 _ _ _ 0.3 Total 5.6 6.1 9.8 10.0 34.2 65.7 Persons 13.2 1 5.7 5.2 7.2 5.9 37.2 2 1.3 2.3 0.6 3.2 9.3 16.7 3 *0.1 0.7 1.2 5.8 7.9 _ 4 *0.1 0.4 2.3 2.8 _ _ 5 0.7 0.8 _ _ _ _ _ 6 0.6 0.6 Total 6.3 6.6 10.3 10.7 32.0 65.9 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 nil or rounded to zero (including null cells)



PARTICIPANTS, Sports and physical recreation — Regularity of participation(a)

Infrequent-part Infreguent-Frequent-Once or More than Occasional full year part year twice a week twice a week Age group vear participation participation participation participation participation participation Total (years) NUMBER ('000) Males 15–17 *24.7 60.2 *19.0 40.4 30.5 133.0 307.8 18 - 2476.0 108.7 98.4 86.2 96.3 269.5 735.2 25-34 122.0 363.2 1 054.5 124.3 171.6 162.3 111.0 35-44 116.9 133.5 146.5 72.0 120.9 385.6 975.4 45-54 93.5 108.9 122.9 53.0 120.6 372.9 871.8 55-64 74.6 55.9 98.5 37.8 102.7 300.6 670.1 65 and over 51.1 33.7 93.7 26.0 77.2 309.3 591.0 Total 561.0 672.5 741.4 426.4 670.3 2 134.2 5 205.7 Females 15-17 *23.6 71.8 32.5 43.9 32.1 98.9 302.8 18-24 80.0 114.2 79.4 77.4 76.6 243.8 671.3 461.9 25 - 34106.9 162.2 95.7 84.0 123.2 1 033.9 35-44 84.9 120.0 112.3 81.9 112.8 524.0 1 035.9 45-54 63.2 106.7 118.0 69.3 476.6 89.7 923.4 55–64 46.8 51.1 71.1 65.6 71.0 410.7 716.3 *21.8 357.2 65 and over 44.0 41.0 98.9 90.1 652.9 Total 453.6 686.8 602.3 425.1 595.4 2 573.1 5 336.4 Persons 48.2 132.0 51.5 62.7 231.9 84.3 610.5 15 - 1718-24 156.0 222.9 177.8 163.6 172.9 513.3 1 406.4 25-34 231.1 333.8 258.1 195.0 245.1 825.2 2 088.3 35-44 201.8 253.4 258.8 153.9 233.7 909.6 2 011.2 45-54 156.7 215.6 240.9 122.3 210.3 849.5 1 795.2 127.0 84.7 55-64 125.7 164.1 711.4 1 386.5 173.6 65 and over 95.1 74.7 192.5 47.8 167.3 666.5 1 243.9 Total 1 014 6 1 359 3 1.343.7 851.5 1 265.7 4 707.3 10 542.1 PARTICIPATION RATE (%) Males 15–17 *6.2 15.1 *4.8 10.2 7.7 33.4 77.3 18 - 247.6 10.8 9.8 8.6 9.6 26.9 73.3 25-34 9.0 12.4 11.7 8.0 8.8 26.3 76.3 35-44 8.0 9.1 10.0 4.9 8.3 26.4 66.7 45-54 6.8 7.9 8.9 3.9 8.8 27.1 63.5 55-64 6.7 5.0 8.9 3.4 9.3 27.1 60.4 65 and over 4.4 2.9 8.1 2.2 6.6 26.6 50.8 Total 7.1 8.5 9.4 5.4 8.5 27.1 66.0 Females 15-17 *5.6 17.1 7.7 10.4 7.6 23.5 72.1 18-24 8.6 12.2 8.5 8.3 8.2 26.1 71.8 25 - 347.6 11.6 6.8 6.0 8.8 33.0 74.0 35 - 445.7 8.0 7.5 5.5 7.5 35.0 69.1 45-54 4.5 7.6 8.4 4.9 6.4 33.9 65.7 55-64 4.6 6.4 5.9 4.2 6.4 37.1 64.6 65 and over 3.2 3.0 7.3 *1.6 6.7 26.4 48.2 5.6 8.5 7.4 5.2 7.3 31.7 65.7 Total Persons 5.9 16.1 6.3 10.3 7.7 28.3 746 15 - 1718 - 248.0 11.5 9.2 8.4 8.9 26.5 72.6 25-34 8.3 12.0 9.3 7.0 8.8 29.7 75.1 35-44 6.8 8.6 8.7 5.2 7.9 30.7 68.0 45-54 5.6 7.8 8.7 4.4 7.6 30.6 64.6 55-64 5.7 5.7 7.4 3.8 7.8 32.1 62.5 65 and over 3.8 3.0 7.6 1.9 6.6 26.5 49.4 Total 6.3 8.5 8.4 5.3 7.9 29.4 65.9 (a) See paragraph 22 of the Explanatory Notes for a definition of the estimate has a relative standard error of 25% to 50% and should be used with caution categories of regularity of participation.

16 ABS • PARTICIPATION IN SPORTS AND PHYSICAL RECREATION • 4177.0 • 2005-06

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	MALES		FEMALES	•••••	PERSONS		
	Number	Participation rate	l Number	Participation rate	Number	Participatic rat	
	'000'	%	'000	%	'000	1	
			• • • • • • • • • • •			• • • • • • •	
Aerobics/fitness	744.5	9.4	1 271.5	15.7	2 016.0	12.	
Aquarobics	**2.7		69.0	0.8	71.7	0.	
Athletics/track and field	*17.5	*0.2	28.1	0.3	45.6	0.	
Australian Rules football	240.8	3.1	27.9	0.3	268.7	1	
Badminton	31.4	0.4	38.5	0.5	69.8	0	
Baseball Baskathall	*20.6 223.1	*0.3 2.8	*11.5	*0.1 1.3	32.0	0 2	
3asketball 3oxing	35.1	2.8 0.4	108.5 *12.3	*0.2	331.5 47.4	2	
Bush walking	248.1	0.4 3.1	271.4	3.3	519.5	3	
Canoeing/kayaking	34.0	0.4	32.2	0.4	66.2	0	
Carpet bowls	*16.2	*0.2	27.9	0.3	44.1	0	
Cricket (indoor)	115.0	1.5	**5.1	**0.1	120.1	0	
Cricket (outdoor)	309.7	3.9	25.7	0.3	335.5	2	
Cross country running	56.6	0.7	30.2	0.4	86.8	0	
Cycling	691.0	8.8	320.7	3.9	1 011.7	6	
Dancing	47.7	0.6	177.3	2.2	225.0	1	
Darts	**9.9	**0.1	**12.2	**0.2	**22.1	**0	
Fishing	220.1	2.8	30.8	0.4	250.9	1	
Golf	695.6	8.8	179.9	2.2	875.5	5	
Gymnastics	46.1	0.6	57.1	0.7	103.2	0	
Hockey	38.2	0.5	42.2	0.5	80.4	0	
Horse riding/equestrian activities/polo	31.8	0.4	95.5	1.2	127.3	0	
ce/snow sports	92.9	1.2	62.2	0.8	155.2	1	
Lawn bowls	167.5	2.1	88.3	1.1	255.8	1	
Martial arts	121.6	1.5	107.5	1.3	229.1	1	
Motor sports	126.8	1.6	*18.3	*0.2	145.1	0	
Netball	43.4	0.6	387.5	4.8	431.0	2	
Pilates	**4.0	**0.1	120.9	1.5	124.9	0	
Rock climbing Roller sports	*20.5 67.8	*0.3 0.9	*14.8 *8.2	*0.2 *0.1	35.3 75.9	0	
Rowing	*19.2	*0.2	*23.4	*0.3	42.6	0	
Royal tennis	*15.0	*0.2	*18.0	*0.2	33.1	0	
Rugby League	91.2	1.2		_	91.2	0	
Rugby Union	71.1	0.9	*7.7	*0.1	78.9	0	
Running	425.9	5.4	255.4	3.1	681.3	4	
Sailing	75.1	1.0	*19.2	*0.2	94.3	0	
Scuba diving Shooting sports	28.7 54.9	0.4 0.7	*7.4 **3.3	*0.1	36.0 58.2	0	
Soccer (indoor)	148.1	1.9	47.5	0.6	195.7	1	
Soccer (indoor)	311.5	3.9	108.1	1.3	419.6	2	
Softball	**3.9		30.0	0.4	33.9	0	
Squash/racquetball	132.5	1.7	49.8	0.4	182.3	1	
Surf lifesaving	*21.7	*0.3	*9.5	*0.1	31.1	0	
Surf sports	216.6	2.7	53.1	0.7	269.7	1	
Swimming	633.3	8.0	814.0	10.0	1 447.3	9	
Fable tennis	43.4	0.6	27.5	0.3	70.9	0	
Tennis	389.5	4.9	379.4	4.7	768.9	4	
Tenpin bowling	35.7	0.5	41.6	0.5	77.2	0	
Touch football	146.6	1.9	108.3	1.3	254.9	1	
Friathlons	*25.0	*0.3	*10.5	*0.1	35.5	0	
Volleyball	66.3	0.8	72.4	0.9	138.7	0	
Walking for exercise	1 298.6	16.5	2 659.7	32.8	3 958.3	24	
Waterskiing/powerboating	60.9	0.8	39.8	0.5	100.6	0	
Weight training	127.9	1.6	48.6	0.6	176.5	1	
Yoga	*24.8	*0.3	248.7	3.1	273.5	1	

should be used with caution

considered too unreliable for general use

— nil or rounded to zero (including null cells)

	AGE GRO	UP (YEARS)					
	15–17	18–24	25–34	35–44	45–54	55–64	65 and over	Total
	• • • • • • •							
		NUMBEF	('000))				
Aerobics/fitness	84.3	389.1	479.3	418.7	340.2	168.2	136.2	2 016.0
Aquarobics	_	**1.8	*10.3	*10.5	*5.7	*24.9	*18.5	71.7
Athletics/track and field	*27.0	*5.7	*7.9	**3.3	**1.6	—	—	45.6
Australian Rules football	62.4	100.6	75.6	*20.4	*8.9	**0.9	_	268.7
Badminton	**3.5	*17.5	*12.5	*12.3	*14.3	*6.1	**3.6	69.8
Baseball	**3.8	*12.6	*8.2	*6.0	_	**1.6	—	32.0
Basketball	73.8	123.2	74.5	34.9	*24.3	**0.8	_	331.5
Boxing Buch wolking	*9.0 *11.5	*7.6	*16.7	*12.3	**1.7			47.4
Bush walking Canoeing/kayaking	**0.4	*17.2 **4.1	91.5 *16.7	123.2 *17.6	144.3 *16.5	90.1 *8.8	41.8 **2.1	519.5 66.2
Carpet bowls	0.4	4.1	10.7		**0.8	**4.2	39.1	44.1
Cricket (indoor)	*11.2	33.0	50.9	*16.6	*7.9	**0.5		120.1
Cricket (outdoor)	54.0	87.3	115.2	43.8	*20.3	*11.1	**3.8	335.5
Cross country running	*16.2	*14.0	*23.6	*19.3	*8.3	**5.1	**0.3	86.8
Cycling	48.3	112.2	218.8	281.5	193.9	114.2	42.8	1 011.7
Dancing	37.8	36.0	27.5	29.1	33.1	32.6	28.8	225.0
Darts	_	_	**4.1	**5.1	*8.1	**4.3	**0.6	*22.1
Fishing	**1.3	11.8	35.2	62.5	70.4	35.6	34.1	250.9
Golf	*10.2	53.4	139.4	163.3	184.3	190.1	135.0	875.5
Gymnastics	*8.3	*17.7	27.2	28.3	*15.9	**4.8	**1.1	103.2
Hockey	*9.8	23.0	*18.2	*20.8	**4.9	**3.7	_	80.4
Horse riding/equestrian activities/polo	*12.3	*20.9	26.2	34.4	*24.3	*9.1		127.3
Ice/snow sports	*13.1	*23.7	44.5	26.0	31.8	*10.5	**5.4	155.2
Lawn bowls Martial arts	**1.0 25.7	**0.7 43.7	*10.9 49.4	*15.7 33.8	*20.2 29.2	65.4 *14.6	141.9 32.7	255.8 229.1
Motor sports	*15.1	43.7 38.7	49.4 40.5	33.8 26.4	29.2 *15.7	*6.5	**2.2	229.1 145.1
Netball	84.5	125.9	40.3 127.3	20.4 73.4	*17.7	**2.2	2.2	431.0
Pilates		*12.3	29.1	35.9	*24.6	*17.8	**5.2	124.9
Rock climbing	**3.2	*10.5	*12.9	**3.1	**4.1	**1.4	**0.1	35.3
Roller sports	27.0	*25.2	*14.2	*5.7	**3.9	_	_	75.9
Rowing	*15.3	*8.0	**3.2	**1.9	*8.7	*5.5	_	42.6
Royal tennis	_	*1.1	*9.1	*8.6	*7.6	*6.6	_	33.1
Rugby League	33.2	27.7	*22.9	*5.8	**1.7	—	—	91.2
Rugby Union	*19.8	28.1	*16.8	*7.3	*6.8	—	—	78.9
Running	29.5	136.3	205.9	168.1	107.4	31.8	**2.2	681.3
Sailing	**2.5	*7.0	*12.9	*23.7	*21.4	*21.2	*5.6	94.3
Scuba diving	**0.8	*5.6	**4.5	*11.7	**4.8	*8.6	—	36.0
Shooting sports	**4.4	*6.4	*9.2	*6.3	*15.3	*11.7	**4.8	58.2
Soccer (indoor)	36.6	84.4	48.0	*17.9	*8.8	*10 5	**0.0	195.7
Soccer (outdoor) Softball	127.5 *12.5	121.3 *5.7	91.6 *8.8	62.5 **4.5	*5.7 **2.4	*10.5	**0.6	419.6 33.9
Squash/racquetball	**3.0	31.2	65.4	45.6	*18.9	*16.6	**1.5	182.3
Surf lifesaving	*6.6	**4.2	**2.2	*7.6	*9.0	10.0	**1.6	31.1
Surf sports	*17.8	62.1	80.9	55.5	40.9	*11.6	**0.9	269.7
Swimming	78.7	176.6	318.3	336.8	298.1	134.3	104.5	1 447.3
Table tennis	*9.0	*15.7	*17.5	*15.2	**3.3	**3.4	*6.9	70.9
Tennis	72.5	114.6	171.0	147.7	127.2	84.6	51.3	768.9
Tenpin bowling	*11.3	*7.5	*8.9	*13.7	*15.7	*11.3	*8.8	77.2
Touch football	39.0	51.8	95.9	55.3	*11.8	**1.1	_	254.9
Triathlons	**3.4	_	*20.0	*9.9	**0.6	**1.6	_	35.5
Volleyball	26.5	42.9	38.6	*21.6	**3.9	**5.2	—	138.7
Walking for exercise	55.9	208.9	575.7	761.0	853.3	771.5	732.1	3 958.3
Waterskiing/powerboating	**2.5	*18.5	30.8	*19.5	*20.9	*8.0	**0.5	100.6
Weight training	*17.8	*24.4	51.1	40.0	*24.3	*7.9	*11.0	176.5
Yoga	**2.8	*23.0	85.4	61.8	48.8	44.9	*6.8	273.5

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* estimate has a relative standard error of 25% to 50% and ** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

	AGE GRO	UP (YEARS)					
	15–17	18–24	25–34	35–44	45–54	55–64	65 and over	Total
	PART	ICIPATI	ON RAT	E (%)				
Aerobics/fitness	10.3	20.1	17.2	14.1	12.2	7.6	5.4	12.6
Aquarobics	_	**0.1	*0.4	*0.4	*0.2	*1.1	*0.7	0.4
Athletics/track and field	*3.3	*0.3	*0.3	**0.1	**0.1	_	_	0.3
Australian Rules football	7.6	5.2	2.7	*0.7	*0.3	—	—	1.7
Badminton	**0.4	*0.9	*0.4	*0.4	*0.5	*0.3	**0.1	0.4
Baseball	**0.5	*0.7	*0.3	*0.2		**0.1	_	0.2
Basketball	9.0	6.4	2.7	1.2	*0.9	_	—	2.1
Boxing	*1.1	*0.4	*0.6	*0.4	**0.1	_		0.3
Bush walking	*1.4	*0.9	3.3	4.2	5.2	4.1	1.7	3.2
Canoeing/kayaking	—	**0.2	*0.6	*0.6	*0.6	*0.4	**0.1	0.4 0.3
Carpet bowls Cricket (indoor)	*1.4	1.7	 1.8	*0.6	*0.3	**0.2	1.6	0.3
Cricket (outdoor)	1.4 6.6	4.5	4.1	1.5	*0.7	*0.5	**0.2	2.1
Cross country running	*2.0	*0.7	*0.8	*0.7	*0.3	**0.2	0.2	0.5
Cycling	2.0 5.9	5.8	7.9	9.5	7.0	5.2	1.7	6.3
Dancing	4.6	1.9	1.0	1.0	1.0	1.5	1.1	1.4
Darts			**0.1	**0.2	*0.3	**0.2		*0.1
Fishing	**0.2	0.6	1.3	2.1	*2.5	1.6	1.4	1.6
Golf	*1.2	2.8	5.0	5.5	6.6	8.6	5.4	5.5
Gymnastics	*1.0	*0.9	1.0	1.0	*0.6	**0.2	_	0.6
Hockey	*1.2	1.2	*0.7	*0.7	**0.2	**0.2	_	0.5
Horse riding/equestrian activities/polo	*1.5	*1.1	0.9	1.2	*0.9	*0.4	_	0.8
Ice/snow sports	*1.6	*1.2	1.6	0.9	1.1	*0.5	**0.2	1.0
Lawn bowls	**0.1	_	*0.4	*0.5	*0.7	2.9	5.6	1.6
Martial arts	3.1	2.3	1.8	1.1	1.1	*0.7	1.3	1.4
Motor sports	*1.8	2.0	1.5	0.9	*0.6	*0.3	**0.1	0.9
Netball	10.3	6.5	4.6	2.5	*0.6	**0.1	—	2.7
Pilates	—	*0.6	1.0	1.2	*0.9	*0.8	**0.2	0.8
Rock climbing	**0.4	*0.5	*0.5	**0.1	**0.1	**0.1	_	0.2
Roller sports	3.3	*1.3	*0.5	*0.2	**0.1		—	0.5
Rowing	*1.9	*0.4	**0.1	**0.1	*0.3	*0.2	_	0.3
Royal tennis	4.1	*0.1 1.4	*0.3 *0.8	*0.3 *0.2	*0.3 **0.1	*0.3	_	0.2 0.6
Rugby League Rugby Union	*2.4	1.4 1.4	*0.8	*0.2	*0.2	_	_	0.8
Running	3.6	7.0	7.4	0.2 5.7	3.9	1.4	**0.1	4.3
Sailing	**0.3	*0.4	*0.5	*0.8	*0.8	*1.0	*0.2	0.6
Scuba diving	**0.1	*0.3	**0.2	*0.4	**0.2	*0.4		0.2
Shooting sports	**0.5	*0.3	*0.3	*0.2	*0.6	*0.5	**0.2	0.4
Soccer (indoor)	4.5	4.4	1.7	*0.6	*0.3	_	_	1.2
Soccer (outdoor)	15.6	6.3	3.3	2.1	*0.2	*0.5	_	2.6
Softball	*1.5	*0.3	*0.3	**0.2	**0.1	_	_	0.2
Squash/racquetball	**0.4	1.6	2.4	1.5	*0.7	*0.7	**0.1	1.1
Surf lifesaving	*0.8	**0.2	**0.1	*0.3	*0.3	—	**0.1	0.2
Surf sports	*2.2	3.2	2.9	1.9	1.5	*0.5	—	1.7
Swimming	9.6	9.1	11.5	11.4	10.7	6.1	4.2	9.0
Table tennis	*1.1	*0.8	*0.6	*0.5	**0.1	**0.2	*0.3	0.4
Tennis	8.9	5.9	6.2	5.0	4.6	3.8	2.0	4.8
Tenpin bowling	*1.4	*0.4	*0.3	*0.5	*0.6	*0.5	*0.3	0.5
Touch football	4.8	2.7	3.5	1.9	*0.4	**0.4	—	1.6
Triathlons	**0.4		*0.7	*0.3	**0.1	**0.1	—	0.2
Volleyball Walking for eversion	3.2	2.2	1.4	*0.7	**0.1	**0.2		0.9
Walking for exercise Waterskiing/powerboating	6.8 **0.3	10.8 *1.0	20.7 1.1	25.7 *0.7	30.7 *0.8	34.8 *0.4	29.1	24.7 0.6
Weight training	*2.2	*1.0	1.1 1.8	*0.7 1.4	*0.8	*0.4	*0.4	0.8 1.1
Yoga	**0.3	*1.3	1.8 3.1	1.4 2.1	1.8	2.0	*0.4	1.1
₀ u	0.0	۲.۲	0.1	2.1	1.0	2.0	0.0	±.1

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— nil or rounded to zero (including null cells)

	1–12 times	13–26 times	27–52 times	53 times or more	Total
NUN	ABER ('C	000)			
Aerobics/fitness	130.5	154.0	250.6	1 480.9	2 016.0
Aquarobics	**4.6	**3.4	*14.1	49.6	71.7
Athletics/track and field	**4.8	**3.1	**5.2	32.5	45.6
Australian Rules football	*21.6	28.9	43.2	175.0	268.7
Badminton	*9.6	*9.5	*18.1	32.7	69.8
Baseball	**5.2	**1.2	**4.9	20.7	32.0
Basketball	*14.4	36.8	55.8	224.6	331.5
Boxing	**0.7	—	*5.7	41.0	47.4
Bush walking	56.8	43.2	78.1	341.4	519.5
Canoeing/kayaking	*6.2	**4.5	**3.0	52.5	66.2
Carpet bowls	**1.8	**3.0	*6.8	32.5	44.1
Cricket (indoor)	*6.9	*12.8	*15.6	84.7	120.1
Cricket (outdoor)	39.3	45.6	49.5	201.0	335.5
Cross country running	**5.3	*5.8	**4.4	71.3	86.8
Cycling	33.2	54.8	122.5	801.2	1 011.7
Dancing	*9.7	*14.6	42.5	158.2	225.0
Darts	**1.1	**1.8	**2.5	*16.7	*22.1
Fishing	52.6	34.7	39.0	124.6	250.9
Golf	117.7 **2.6	85.0 *12.2	137.0	535.9	875.5
Gymnastics Hockey		*12.3	*7.8 *12.2	80.6 54 5	103.2
Hockey	*7.2 *11.6	*6.5	*12.3	54.5 85 0	80.4
Horse riding/equestrian activities/polo	*11.6 *18.0	*13.7 *7.9	*16.2 *17.5	85.9 111.8	127.3 155.2
Ice/snow sports Lawn bowls	~18.0 33.9	*7.9 29.7	~17.5 26.1	111.8	255.8
Martial arts	33.9 *15.1	29.7 *13.4	*20.2	180.1	255.8 229.1
Motor sports	29.2	29.6	*20.2	63.4	229.1 145.1
Netball	29.2 *25.0	29.0 33.3	102.1	270.5	431.0
Pilates	**4.8	*6.0	*15.6	270.3 98.4	431.0 124.9
Rock climbing	*6.1		**3.3	25.9	35.3
Roller sports	**2.1	**4.8	**4.4	64.6	75.9
Rowing	**0.4	**2.6	**4.3	35.3	42.6
Royal tennis	**1.7	*6.7	*7.6	*17.0	33.1
Rugby League	*7.2	*13.7	*9.1	61.2	91.2
Rugby Union	**2.4	*5.7	*16.8	53.9	78.9
Running	*18.4	*24.2	53.6	585.2	681.3
Sailing	**1.5	*13.0	*13.1	66.6	94.3
Scuba diving	**3.5	*5.6	*9.6	*17.3	36.0
Shooting sports	*13.3	*8.2	*9.2	27.4	58.2
Soccer (indoor)	*9.9	*21.1	32.5	132.1	195.7
Soccer (outdoor)	35.0	43.9	66.7	274.0	419.6
Softball	**0.5	**2.0	**4.7	26.7	33.9
Squash/racquetball	*6.3	*9.2	29.1	137.6	182.3
Surf lifesaving	**0.9	**2.2	**3.7	*24.3	31.1
Surf sports	*6.1	*12.2	43.5	207.8	269.7
Swimming	52.9	89.5	186.3	1 118.7	1 447.3
Table tennis	**3.9	—	*14.9	52.2	70.9
Tennis	57.3	46.0	102.0	563.5	768.9
Tenpin bowling	**3.7	**2.7	*12.9	57.9	77.2
Touch football	*6.0	33.1	37.2	178.6	254.9
Triathlons	—	**1.2	**4.1	30.2	35.5
Volleyball	*12.6	*10.0	*22.5	93.6	138.7
Walking for exercise	135.7	199.7	383.6	3 239.4	3 958.3
Waterskiing/nowerboating	*13.0	*7.2	*18.1	62.4	100.6

Walking for exercise Waterskiing/powerboating Weight training Weight training Yoga

206.5

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

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*14.7 *13.7

*13.0 *7.2 *18.1 62.4 100.6

*14.7

38.5

156.2

176.5

273.5

*5.6

- nil or rounded to zero (including null cells)

	1–12 times	13–26 times	27–52 times	53 times or more	Tota					
PER CENT (%)										
Aerobics/fitness	6.5	7.6	12.4	73.5	100.0					
Aquarobics	**6.4	**4.7	*19.7	69.2	100.0					
Athletics/track and field	**10.5	**6.8	**11.4	71.4	100.0					
Australian Rules football	*8.0	10.8	16.1	65.1	100.0					
Badminton	*13.7	*13.6	*25.9	46.8	100.0					
Baseball	**16.3	**3.8	**15.1	64.7	100.					
Basketball	*4.3	11.1	16.8	67.7	100.					
Boxing	**1.6	—	*12.0	86.5	100.					
Bush walking	10.9	8.3	15.0	65.7	100.					
Canoeing/kayaking	*9.4	**6.7	**4.5	79.4	100.					
Carpet bowls	**3.9	**6.7	*15.5	73.8	100.					
Cricket (indoor)	*5.8	*10.7	*13.0	70.6	100.					
Cricket (outdoor)	11.8	13.6	14.8	59.9	100.					
Cross country running	**6.1	*6.7	**5.0	82.1	100.					
Cycling	3.2	5.4	12.1	79.2	100.					
Dancing	*4.3	*6.5	18.9	70.3	100.					
Darts	**5.1	**8.0	**11.3	*75.7	*100.					
Fishing	21.0	13.8	15.5	49.7	100.					
Golf	13.4	9.7	15.6	61.2	100.					
Gymnastics	**2.5	*11.9	*7.6	78.0	100.					
Hockey	*8.9	*8.1	*15.2	67.8	100.					
Horse riding/equestrian activities/polo	*9.1	*10.7	*12.7	67.5	100.					
Ice/snow sports	*11.6	*5.1	*11.3	72.1	100.					
Lawn bowls	13.2	11.6	10.2	64.9	100.					
Martial arts	*6.6	*5.9	*8.8	78.7	100.					
Motor sports	20.1	20.4	*15.7	43.7	100.					
Netball	*5.8	7.7	23.7	62.8	100.					
Pilates	**3.9	*4.8	*12.5	78.8	100.					
Rock climbing	*17.2	_	**9.3	73.4	100.					
Roller sports	**2.8	**6.4	**5.8	85.1	100.					
Rowing	**1.0	**6.1	**10.0	82.9	100.					
Royal tennis	**5.2	*20.3	*22.9	*51.5	100.					
Rugby League	*7.9	*15.0	*10.0	67.0	100.					
Rugby Union	**3.1	*7.2	*21.3	68.4	100.					
Running	*2.7	*3.5	7.9	85.9	100.					
Sailing	**1.5	*13.8	*13.9	70.7	100.					
Scuba diving	**9.8	*15.7	*26.6	*48.0	100.					
Shooting sports	*22.9	*14.1	*15.9	47.2	100.					
Soccer (indoor)	*5.1	*10.8	16.6	67.5	100.					
Soccer (outdoor)	8.3	10.5	15.9	65.3	100.					
Softball	**1.6	**5.9	**13.8	78.7	100.					
Squash/racquetball	*3.5	*5.0	16.0	75.5	100.					
Surf lifesaving	**3.0	**7.0	**11.8	*78.1	100.					
Surf sports	*2.3	*4.5	16.1	77.1	100.					
Swimming	3.7	6.2	12.9	77.3	100.					
Table tennis	**5.4	_	*21.0	73.6	100.					
Tennis Tennin houding	7.5	6.0	13.3	73.3	100.					
Tenpin bowling	**4.8	**3.5	*16.7	75.0	100.					
Touch football	*2.4	13.0	14.6	70.1	100.					
Triathlons	*0.4	**3.3	**11.7	85.1	100.					
Volleyball	*9.1	*7.2	*16.2	67.5	100.					
Walking for exercise	3.5	5.0	9.7 *18.0	81.8	100.					
Waterskiing/powerboating	*12.8	*7.1	*18.0	62.0	100.					
Weight training		*3.1	*8.4	88.5	100.					
Yoga	*5.4	*5.0	14.1	75.5	100.					

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

- nil or rounded to zero (including null cells)

TYPE OF PARTICIPATION								
	Organised only	Organised and non-organised	Non-organised only	Total				
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •			• • • • • • • • • • •				
	NUMBER	('000)						
Aerobics/fitness	570.0	160.6	1 285.4	2 016.0				
Aquarobics	49.2	**5.3	*17.2	71.7				
Athletics/track and field	31.8	**1.8	*11.9	45.6				
Australian Rules football	198.7	*7.0	63.0	268.7				
Badminton	28.2	**5.4	36.2	69.8				
Baseball	32.0			32.0				
Basketball	214.6	*22.3	94.6	331.5				
Boxing	25.9	**3.4	*18.1	47.4				
Bush walking	35.8	29.7	454.0	519.5				
Canoeing/kayaking	*10.0	*9.7	46.4	66.2				
Carpet bowls	33.7	*6.4	**4.1	44.1				
Cricket (indoor)	76.2	**0.7	43.2	120.1				
Cricket (outdoor)	204.8	*14.3	116.4	335.5				
Cross country running	*22.4	*10.1	54.4	86.8				
Cycling	*18.4	80.1	913.1	1 011.7				
Dancing	139.6	*21.9 **2.3	63.5 **1.3	225.0				
Darts	*18.6 *20.1	*21.1	209.6	*22.1 250.9				
Fishing Golf	230.0	175.0	209.8 470.5	875.5				
Gymnastics	230.0	*5.8	470.5 60.1	103.2				
Hockey	71.4	5.8 *5.8	**3.2	80.4				
Horse riding/equestrian activities/polo	*24.9	37.8	64.6	127.3				
Ice/snow sports	*16.4	*13.1	125.6	155.2				
Lawn bowls	207.4	28.0	*20.3	255.8				
Martial arts	169.3	*13.1	46.7	229.1				
Motor sports	43.8	30.2	71.2	145.1				
Netball	333.8	*14.7	82.4	431.0				
Pilates	55.7	*12.4	56.8	124.9				
Rock climbing	*7.7	**2.7	*24.9	35.3				
Roller sports	**2.0	**5.4	68.5	75.9				
Royal tennis	28.7	**2.8	*11.2	42.6				
Rowing	*9.0	**0.8	*23.3	33.1				
Rugby League	67.3	**2.2	*21.7	91.2				
Rugby Union	68.5	**5.3	**5.1	78.9				
Running	27.2	51.3	602.8	681.3				
Sailing	46.6	*18.8	28.9	94.3				
Scuba diving	**2.8	*7.4	25.8	36.0				
Shooting sports	*20.4	*16.4	*21.4	58.2				
Soccer (indoor)	134.1	*11.2	50.4	195.7				
Soccer (outdoor)	248.5	38.6	132.5	419.6				
Softball	26.8	**1.4	*5.6	33.9				
Squash/racquetball	52.5	*20.6	109.2	182.3				
Surf lifesaving	27.0	**4.1	—	31.1				
Surf sports	*8.3	*18.6	242.8	269.7				
Swimming	83.9	99.3	1 264.1	1 447.3				
Table tennis	*13.6	*9.3	48.0	70.9				
Tennis	250.5	65.3	453.1	768.9				
Tenpin bowling	50.6	**3.9	*22.7	77.2				
Touch football	196.3	*6.0	52.7	254.9				
Triathlons	28.6	**3.3	**3.7	35.5				
Volleyball	91.2	*8.0	39.5	138.7				
Walking for exercise	47.9	50.7	3 859.7	3 958.3				
Waterskiing/powerboating	**1.1	**1.5	98.1	100.6				
Weight training	*21.9	*11.0	143.6	176.5				
Yoga	137.4	*13.3	122.8	273.5				

TYPE OF PARTICIPATION

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— nil or rounded to zero (including null cells)

TYPE OF PARTICIPATION

	••••••			
	Organised only	Organised and non-organised	Non-organised only	Total
		-		
	PER CEN	T (%)		
Aerobics/fitness	28.3	8.0	63.8	100.0
Aquarobics	68.7	**7.4	*24.0	100.0
Athletics/track and field	69.9	**4.0	*26.1	100.0
Australian Rules football	73.9	*2.6	23.4	100.0
Badminton	40.4	**7.8	51.8	100.0
Baseball	100.0	_	—	100.0
Basketball	64.7	*6.7	28.5	100.0
Boxing	54.7	**7.1	*38.1	100.0
Bush walking	6.9	5.7	87.4	100.0
Canoeing/kayaking	*15.1	*14.7	70.2	100.0
Carpet bowls	76.3 63.4	*14.4 **0.6	**9.3 36.0	100.0 100.0
Cricket (indoor)	61.0	*4.3	36.0	100.0
Cricket (outdoor) Cross country running	*25.8	*11.6	62.7	100.0
Cycling	*1.8	7.9	90.3	100.0
Dancing	62.0	*9.8	28.2	100.0
Darts	*84.0	**10.2	**5.8	*100.0
Fishing	*8.0	*8.4	83.6	100.0
Golf	26.3	20.0	53.7	100.0
Gymnastics	36.2	*5.6	58.2	100.0
Hockey	88.8	*7.2	**4.0	100.0
Horse riding/equestrian activities/polo	*19.6	29.7	50.7	100.0
Ice/snow sports	*10.6	*8.4	81.0	100.0
Lawn bowls	81.1	11.0	*7.9	100.0
Martial arts	73.9	*5.7	20.4	100.0
Motor sports	30.2	20.8	49.0	100.0
Netball	77.5	*3.4	19.1	100.0
Pilates Book alimbing	44.6 *21.8	*9.9 **7.5	45.5	100.0
Rock climbing Roller sports	**2.7	**7.1	*70.7 90.2	100.0 100.0
Royal tennis	67.3	**6.5	*26.2	100.0
Rowing	*27.1	**2.4	*70.4	100.0
Rugby League	73.8	**2.5	*23.8	100.0
Rugby Union	86.8	**6.7	**6.5	100.0
Running	4.0	7.5	88.5	100.0
Sailing	49.5	*19.9	30.6	100.0
Scuba diving	**7.9	*20.6	71.5	100.0
Shooting sports	*35.0	*28.2	*36.8	100.0
Soccer (indoor)	68.5	*5.7	25.8	100.0
Soccer (outdoor)	59.2	9.2	31.6	100.0
Softball	79.2	**4.2	*16.6	100.0
Squash/racquetball	28.8	*11.3	59.9	100.0
Surf lifesaving	86.9	**13.1		100.0
Surf sports Swimming	*3.1	*6.9	90.0	100.0
Table tennis	5.8 *19.2	6.9 *13.1	87.3 67.7	100.0 100.0
Tennis	32.6	8.5	58.9	100.0
Tenpin bowling	65.6	**5.1	*29.3	100.0
Touch football	77.0	*2.3	20.7	100.0
Triathlons	80.5	**9.2	**10.3	100.0
Volleyball	65.7	*5.8	28.5	100.0
Walking for exercise	1.2	1.3	97.5	100.0
Waterskiing/powerboating	**1.1	**1.4	97.5	100.0
Weight training	*12.4	*6.2	81.4	100.0
Yoga	50.2	*4.9	44.9	100.0

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PARTICIPANTS, Selected sports and physical recreation activities-New South Wales

	MALES		FEMALES		PERSONS	
		Participation	F	Participation	Pa	articipation
	Number	rate	Number	rate	Number	rate
	'000	%	'000	%	'000	%
	• • • • • • • • •		• • • • • • • • • • •			
Aerobics/fitness	266.1	10.1	393.5	14.5	659.6	12.3
Basketball	66.1	2.5	*32.0	*1.2	98.1	1.8
Bush walking	91.5	3.5	103.9	3.8	195.4	3.6
Cricket (outdoor)	79.1	3.0	**6.8	**0.2	85.9	1.6
Cross country running	*16.1	*0.6	*17.5	*0.6	33.5	0.6
Cycling	225.3	8.5	73.0	2.7	298.3	5.6
Dancing	*11.2	*0.4	57.6	2.1	68.7	1.3
Fishing	72.2	2.7	*13.3	*0.5	85.5	1.6
Golf	232.6	8.8	44.4	1.6	277.0	5.2
Gymnastics	*18.1	*0.7	*19.9	*0.7	38.0	0.7
Horse riding/equestrian activities/polo	*15.7	*0.6	*30.6	*1.1	46.3	0.9
Ice/snow sports	36.0	1.4	*26.3	*1.0	62.3	1.2
Lawn bowls	58.3	2.2	*30.8	*1.1	89.1	1.7
Martial arts	36.5	1.4	34.2	1.3	70.8	1.3
Motor sports	43.9	1.7	*9.1	*0.3	53.0	1.0
Netball	**6.4	**0.2	115.1	4.2	121.5	2.3
Pilates	_	—	32.7	1.2	32.7	0.6
Rugby League	49.5	1.9	_	_	49.5	0.9
Rugby Union	40.8	1.5	**3.9	**0.1	44.7	0.8
Running	141.0	5.3	103.5	3.8	244.5	4.6
Sailing	27.5	1.0	**5.0	**0.2	32.5	0.6
Soccer (indoor)	39.1	1.5	*20.6	*0.8	59.7	1.1
Soccer (outdoor)	162.6	6.2	57.2	2.1	219.8	4.1
Squash/racquetball	52.1	2.0	*11.9	*0.4	64.0	1.2
Surf sports	96.9	3.7	33.2	1.2	130.1	2.4
Swimming	248.1	9.4	308.4	11.3	556.4	10.4
Tennis	165.8	6.3	143.2	5.3	309.0	5.8
Touch football	70.7	2.7	60.3	2.2	131.0	2.4
Walking for exercise	381.7	14.4	824.8	30.3	1 206.5	22.5
Weight training	46.6	1.8	*17.4	*0.6	64.0	1.2
Yoga	*8.9	*0.3	104.4	3.8	113.3	2.1
	• • • • • • • • •		• • • • • • • • • • •			

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PARTICIPANTS, Selected sports and physical recreation activities-Victoria

	MALES		FEMALES		PERSONS	
	Participation		Participation		Participa	
	Number	rate	Number	rate	Number	rate
	'000'	%	'000	%	'000	%
• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • •	• • • • • • • • • • •	• • • • • •
Aerobics/fitness	164.2	8.3	312.5	15.2	476.7	11.8
Australian Rules football	120.8	9.6	*11.7	*0.6	132.5	3.3
Badminton	*16.3	*1.3	*12.5	*0.6	28.8	0.7
Basketball	70.3	5.6	36.1	1.8	106.4	2.6
Bush walking	41.4	3.3	71.0	3.5	112.4	2.8
Cricket (outdoor)	110.6	8.8	**3.2	**0.2	113.8	2.8
Cross country running	*16.3	*0.8	**3.5	**0.2	19.9	0.5
Cycling	158.0	12.6	98.1	4.8	256.1	6.4
Dancing	*13.1	*1.0	37.3	1.8	50.5	1.3
Fishing	49.2	3.9	*5.4	*0.3	54.6	1.4
Gymnastics	*14.0	*0.7	*18.0	*0.9	32.0	0.8
Golf	187.0	14.9	49.9	2.4	236.9	5.9
Horse riding/equestrian activities/polo	**3.3	**0.3	30.6	1.5	33.9	0.8
Ice/snow sports	32.2	2.6	*18.1	*0.9	50.3	1.:
Lawn bowls	46.5	3.7	*21.1	*1.0	67.7	1.
Martial arts	28.4	2.3	*21.6	*1.1	50.0	1.2
Motor sports	*24.3	*1.9	**2.0	**0.1	26.3	0.7
Netball	*19.7	*1.6	107.2	5.2	126.9	3.2
Running	116.8	9.3	54.2	2.6	171.0	4.2
Soccer (indoor)	56.6	4.5	*6.3	*0.3	62.9	1.0
Soccer (outdoor)	64.0	5.1	*12.8	*0.6	76.7	1.9
Squash/racquetball	30.0	2.4	*12.6	*0.6	42.6	1.1
Swimming	136.5	10.9	186.8	9.1	323.3	8.0
Tennis	90.2	7.2	101.1	4.9	191.3	4.
Volleyball	*18.7	*1.5	*14.7	*0.7	33.5	0.8
Walking for exercise	299.7	23.9	671.9	32.7	971.6	24.
Weight training	*20.5	*1.6	*10.1	*0.5	30.6	0.8
Yoga	*5.2	*0.4	59.7	2.9	64.8	1.6

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	MALES		FEMALES		PERSONS	PERSONS		
		Participation		Participation		Participation		
	Number	rate	Number	rate	Number	rate		
	'000	%	'000	%	'000	%		
					• • • • • • • • • • •			
Aerobics/fitness	148.0	9.7	268.5	17.3	416.5	13.5		
Aquarobics	**1.9	**0.1	22.8	1.5	24.7	0.8		
Australian Rules football	*20.6	*1.3	*7.8	*0.5	28.4	0.9		
Basketball	30.8	2.0	*9.0	*0.6	39.8	1.3		
Bush walking	46.0	3.0	46.1	3.0	92.1	3.0		
Cricket (indoor)	33.9	2.2	—	_	33.9	1.1		
Cricket (outdoor)	39.8	2.6	*6.6	*0.4	46.4	1.5		
Cycling	118.6	7.8	64.6	4.2	183.3	5.9		
Dancing	*16.1	*1.1	38.0	2.4	54.1	1.8		
Fishing	44.3	2.9	*8.5	*0.5	52.9	1.7		
Golf	134.8	8.8	36.7	2.4	171.5	5.6		
Lawn bowls	32.8	2.1	*14.4	*0.9	47.2	1.5		
Martial arts	28.8	1.9	*19.3	*1.2	48.0	1.6		
Motor sports	37.0	2.4	**4.1	**0.3	41.1	1.3		
Netball	*7.6	*0.5	63.1	4.1	70.7	2.3		
Pilates	—	—	28.1	1.8	28.1	0.9		
Rugby League	37.0	2.4	_	_	37.0	1.2		
Running	80.4	5.3	42.4	2.7	122.8	4.0		
Soccer (indoor)	31.4	2.1	*9.4	*0.6	40.8	1.3		
Soccer (outdoor)	41.8	2.7	*21.2	*1.4	63.0	2.0		
Squash/racquetball	23.9	1.6	*16.5	*1.1	40.4	1.3		
Surf sports	58.6	3.8	*8.8	*0.6	67.3	2.2		
Swimming	114.0	7.5	171.8	11.0	285.8	9.3		
Tennis	61.9	4.0	48.5	3.1	110.4	3.6		
Tenpin bowling	*13.0	*0.9	*13.1	*0.8	26.1	0.8		
Touch football	62.3	4.1	37.1	2.4	99.4	3.2		
Volleyball	*15.8	*1.0	*20.1	*1.3	35.9	1.2		
Walking for exercise	261.0	17.1	524.1	33.7	785.0	25.5		
Waterskiing/powerboating	24.3	1.6	*9.7	*0.6	34.1	1.1		
Weight training	24.2	1.6	*10.0	*0.6	34.3	1.1		
Yoga	**5.0	**0.3	38.1	2.5	43.1	1.4		

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PARTICIPANTS, Selected sports and physical recreation activities—South Australia

	MALES		FEMALES		PERSONS		
	Participation		P	articipation	Participation		
	Number	rate	Number	rate	Number	rate	
	'000'	%	'000	%	'000'	%	
		•••••	• • • • • • • • • • • •				
Aerobics/fitness	60.4	10.0	95.6	15.4	156.0	12.7	
Australian Rules football	35.6	5.9	**1.3	**0.2	36.9	3.0	
Basketball	19.3	3.2	*12.6	*2.0	31.9	2.6	
Bush walking	25.1	4.2	14.1	2.3	39.2	3.2	
Cricket (outdoor)	28.2	4.7	**1.9	**0.3	30.1	2.5	
Cycling	59.6	9.9	23.3	3.7	82.9	6.8	
Dancing	_	_	19.9	3.2	19.9	1.6	
Fishing	16.2	2.7	**1.3	**0.2	17.4	1.4	
Golf	39.6	6.6	14.3	2.3	53.9	4.4	
Lawn bowls	*11.5	*1.9	*12.5	*2.0	24.0	2.0	
Martial arts	*9.5	*1.6	*7.7	*1.2	17.2	1.4	
Netball	**3.0	**0.5	38.5	6.2	41.5	3.4	
Running	30.3	5.0	13.9	2.2	44.3	3.6	
Soccer (outdoor)	14.1	2.3	**3.0	**0.5	17.2	1.4	
Swimming	29.0	4.8	35.9	5.8	64.8	5.3	
Tennis	28.8	4.8	39.5	6.3	68.4	5.6	
Walking for exercise	129.3	21.4	213.6	34.3	343.0	28.0	
Weight training	*11.8	*2.0	*3.4	*0.5	15.2	1.2	
Yoga	**1.8	**0.3	16.5	2.7	18.2	1.5	

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PARTICIPANTS, Selected sports and physical recreation activities—Western Australia

MALES FEMALES PERSONS Participation Participation Participation Number Number Number rate rate rate '000 '000 '000 % % % Aerobics/fitness 75.7 9.8 147.1 18.7 222.8 14.3 Australian Rules football 44.4 5.7 *6.0 *0.8 50.3 3.2 Basketball 29.8 3.9 15.2 1.9 45.0 2.9 2.0 Bush walking 2.5 22.6 2.9 15.9 38.5 Canoeing/kayaking *7.9 *1.0 *5.4 *0.7 *0.9 *13.3 2.5 **1.8 **0.2 Cricket (indoor) 19.6 21.4 1.4 Cricket (outdoor) 35.6 4.6 *5.6 *0.7 41.2 2.6 40.3 Cycling 93.3 12.1 5.1 133.6 8.6 Dancing *4.2 *0.5 18.7 2.4 22.8 1.5 Fishing **1.7 **0.2 26.2 3.4 28.0 1.8 69.7 9.0 27.6 3.5 97.3 6.2 Golf Horse riding/equestrian activities/polo *3.2 *0.4 *10.8 *1.4 14.0 0.9 Lawn bowls 13.8 1.8 *7.1 *0.9 20.9 1.3 Martial arts 15.1 2.0 15.5 2.0 30.6 2.0 6.1 3.6 Netball *4.6 *0.6 48.0 52.6 3.4 28.0 Running 38.3 5.0 66.4 4.3 Sailing *12.7 *1.6 **1.8 **0.2 14.5 0.9 Soccer (indoor) *10.0 *1.3 *3.5 *0.4 13.5 0.9 Soccer (outdoor) 17.9 2.3 *8.7 *1.1 26.6 1.7 Squash/racquetball 14.9 1.9 *5.8 *0.7 20.7 1.3 **2.4 **0.3 Surf sports 28.5 3.7 30.9 2.0 Swimming 82.1 10.6 73.0 9.3 155.1 9.9 26.5 3.9 Tennis 3.4 34.5 4.4 61.0 Volleyball *12.9 *1.7 18.6 2.4 31.5 2.0 Walking for exercise 149.3 19.3 286.7 36.4 436.0 27.9 Weight training 18.4 2.4 *7.0 *0.9 25.4 1.6 Yoga *3.4 *0.4 24.0 3.0 27.4 1.8

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	MALES		FEMALES		PERSONS		
	Participation		P	articipation	Participation		
	Number	rate	Number	rate	Number	rate	
	'000'	%	'000	%	'000	%	
Aerobics/fitness	9.1	4.9	19.8	10.2	28.9	7.6	
Australian Rules football	11.2	6.0	**0.3	**0.2	11.5	3.0	
Bush walking	13.3	7.1	10.0	5.1	23.2	6.1	
Cricket	8.4	4.5	*1.7	*0.9	10.1	2.6	
Cycling	13.1	7.0	*5.7	*2.9	18.8	4.9	
Fishing	9.1	4.9	**0.6	**0.3	9.8	2.6	
Golf	14.2	7.6	*5.1	*2.6	19.2	5.0	
Netball	*1.6	*0.9	8.5	4.4	10.1	2.6	
Running	8.5	4.5	6.4	3.3	15.0	3.9	
Soccer	*4.9	*2.6	*3.2	*1.6	8.1	2.1	
Swimming	7.6	4.1	17.6	9.0	25.2	6.6	
Tennis	*5.5	*2.9	8.7	4.5	14.3	3.7	
Walking for exercise	38.0	20.3	65.4	33.5	103.4	27.1	

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

PARTICIPANTS, Selected sports and physical recreation activities—Northern Territory(a)

PERSONS MALES FEMALES Participation Participation Participation Number Number Number rate rate rate % '000 % '000 % '000 Aerobics/fitness *3.0 *5.3 *6.0 *11.0 9.0 8.1 Australian Rules football *3.1 *5.5 _ _ *3.1 *2.8 **1.2 *3.4 Basketball *1.9 *3.4 **2.2 *3.2 *2.9 *2.7 *1.5 *5.0 *4.5 Bush walking *6.2 Cricket (outdoor) *3.2 *5.7 *3.2 *2.9 ____ *4.6 *8.7 *8.4 Cycling *4.9 9.5 8.6 Fishing *2.1 *3.7 _ ____ *2.1 *1.9 **0.4 **0.7 *3.9 Golf *3.9 *6.9 *4.3 **0.5 *1.9 *3.4 **0.9 *2.3 *2.1 Motor sports **1.3 **2.3 *2.6 *2.3 Running *1.4 *2.6 Rugby league *2.5 *4.4 *2.5 *2.3 _ Swimming *6.5 *4.7 *8.6 *3.7 8.4 7.6 Tennis *2.0 *3.5 **0.7 **1.3 *2.7 *2.4 **0.2 **0.4 Volleyball *2.0 *3.5 *2.3 *2.1 Walking for exercise 9.8 17.3 13.1 24.0 22.9 20.6 *3.9 *7.2 *3.9 *3.5 Yoga _ _

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

— nil or rounded to zero (including null cells)

(a) Refers to mainly urban areas only. See paragraph 8 of Explanatory Notes.

	MALES		FEMALES	;	PERSONS	PERSONS		
		Participation	pation Particip		on Partic			
	Number	rate	Number	rate	Number	rate		
	'000'	%	'000	%	'000	%		
	• • • • • • •					• • • • • • • • •		
Aerobics/fitness	18.1	14.7	28.6	21.9	46.7	18.4		
Bush walking	6.7	5.4	7.0	5.4	13.7	5.4		
Cycling	18.2	14.8	11.0	8.4	29.2	11.5		
Cricket (outdoor)	*4.8	*3.9	—	—	*4.8	*1.9		
Dancing	*1.9	*1.5	*3.3	*2.5	*5.3	*2.1		
Golf	13.8	11.2	*1.6	*1.2	15.4	6.1		
Gymnastics	*3.1	*2.5	*2.6	*2.0	5.7	2.2		
Ice/snow sports	*4.2	*3.4	*1.6	*1.2	5.8	2.3		
Martial arts	*2.0	*1.6	*4.1	*3.1	6.1	2.4		
Netball	**0.5	**0.4	6.3	4.8	6.8	2.7		
Running	9.3	7.6	5.6	4.3	14.8	5.8		
Soccer (outdoor)	*5.0	*4.1	*1.7	*1.3	6.7	2.6		
Swimming	12.3	10.0	15.9	12.2	28.2	11.1		
Tennis	8.8	7.1	*3.1	*2.4	11.9	4.7		
Walking for exercise	30.0	24.4	60.1	46.1	90.0	35.5		

* 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

- nil or rounded to zero (including null cells)

-Constraints on participation: Sex

	MALES		FEMALES		PERSONS	
		Per		Per		Per
	Number	Cent	Number	Cent	Number	Cent
	'000'	%	'000'	%	'000'	%
						• • • • •
	ALL CO	NSTRA	INTS			
Age/too old	600.2	16.3	658.7	17.7	1 258.9	17.0
Ongoing injury/illness	529.7	14.4	496.3	13.3	1 026.1	13.9
Temporary injury/illness	36.8	1.0	50.1	1.3	87.0	1.2
Injury/illness (not further defined)	120.3	3.3	92.7	2.5	213.0	2.9
Already active	295.1	8.0	240.4	6.5	535.5	7.2
Not interested	701.8	19.1	719.4	19.3	1 421.3	19.2
Cost	31.4	0.9	48.2	1.3	79.6	1.1
Insufficient time due to work/study	1 014.2	27.5	698.2	18.8	1 712.4	23.1
Insufficient time due to family	281.5	7.6	569.6	15.3	851.1	11.5
Insufficient time, other	29.9	0.8	39.3	1.1	69.2	0.9
Other	40.7	1.1	109.6	2.9	150.3	2.0
Total responses(b)	3 681.6	100.0	3 722.5	100.0	7 404.4	100.0
	• • • • • • •	• • • • • • •				• • • • •
	MAIN C	ONSTR	AINT			
Age/too old	502.6	15.8	571.7	17.8	1 074.2	16.8
Ongoing injury/illness	476.6	15.0	444.4	13.8	921.0	14.4
Temporary injury/illness	28.8	0.9	42.5	1.3	71.2	1.1
Injury/illness (not further defined)	107.5	3.4	77.8	2.4	185.3	2.9
Already active	233.5	7.4	191.7	6.0	425.2	6.7
Not interested	599.6	18.9	584.4	18.2	1 184.0	18.5
Cost	*18.2	*0.6	36.0	1.1	54.2	0.8
Insufficient time due to work/study	865.6	27.3	565.3	17.6	1 430.8	22.4
Insufficient time due to family	171.2	5.4	435.4	13.5	606.7	9.5
Insufficient time, other	72.9	2.3	72.6	2.3	145.5	2.3
Other	96.4	3.0	191.6	6.0	288.0	4.5
Total persons(a)	3 172.9	100.0	3 213.4	100.0	6 386.1	100.0

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

(a) Total number of persons who were non-participants or low level participants. See paragraph 24 of the Explanatory Notes.

(b) Each person can give more than one answer.

-Constraints on participation: Age

	•••••	•••••		•••••	•••••		•••••	•••••
	15–17	18–24	25–34	35–44	45–54	55–64	65 and over	Tot
		NUMBE	R ('000)				
ALL CONSTRAINTS								
Age/too old	—	**4.2	*8.8	36.9	112.5	242.7	853.9	1 258.
Ongoing injury/illness	*15.2	54.3	66.1	122.0	197.5	243.7	327.3	1 026
Temporary injury/illness	*5.8	*6.2	*14.9	*17.1	*16.2	*9.2	*17.6	87
Injury/illness (not further defined)	*6.7	*19.7	*20.4	27.0	43.7	39.7	55.8	213
Already active	*19.1	60.4	67.0	88.9	122.9	109.4	67.9	535
Not interested Cost	132.1	218.3 *20.1	247.1 *25.3	260.2 *12.8	238.5 *10.5	183.1 *7.7	142.1 **3.2	1 421 79
Insufficient time due to work/study		306.2	329.5	430.0	362.6	170.3	31.1	1 712
Insufficient time due to family	*7.5	59.2	210.3	430.0 313.2	158.1	69.6	33.1	851
Insufficient time, other	**3.0	*8.0	*10.4	*13.3	*12.5	*7.9	*14.1	69
Other	*10.2	*18.6	47.7	32.0	*20.7	*9.7	*11.5	150
Total responses(b)	282.2	775.2	1 047.5	1 353.4	1 295.6	1 092.9	1 557.5	7 404
MAIN CONSTRAINT								
Age/too old	_	**4.2	*7.3	*21.5	88.2	191.5	761.7	1 074
Ongoing injury/illness	*14.7	49.0	59.7	118.4	181.1	229.6	268.4	921
Temporary injury/illness	**3.5	**5.2	*10.6	*15.6	*11.0	*8.2	*17.1	71
Injury/illness (not further defined)	*6.7	*19.7	*17.5	*22.3	38.5	32.8	47.9	185
Already active	*15.5	47.5	55.3	71.8	87.8	90.8	56.6	425
Not interested	118.3	170.8	202.5	210.5	201.8	162.9	117.2	1 184
Cost	—	*14.8	*15.2	*9.7	*6.0	*6.7	**1.8	54
Insufficient time due to work/study	71.4	271.6	280.2	347.1	294.7	144.1	*21.8	1 430
Insufficient time due to family	*5.5	47.9	159.3	217.9	104.6	49.0	*22.5	60
Insufficient time, other	**4.7	*16.5	*25.5	29.1	33.9	*12.2	*23.7	14
Other	*11.4	37.2	65.6	58.6	65.7	*21.8	27.7	288
Total persons(a)	251.7	684.4	898.7	1 122.5	1 113.3	949.6	1 366.4	6 386
ALL CONSTRAINTS								
Age/too old	_	**0.5	*0.8	2.7	8.7	22.2	54.8	17
Ongoing injury/illness	*5.4	7.0	6.3	9.0	15.2	22.3	21.0	1
Temporary injury/illness	*2.1	*0.8	*1.4	*1.3	*1.3	*0.8	*1.1	1
Injury/illness (not further defined)	*2.4	*2.5	*1.9	2.0	3.4	3.6	3.6	:
Already active	*6.8	7.8	6.4	6.6	9.5	10.0	4.4	
Not interested	46.8	28.2	23.6	19.2	18.4	16.8	9.1	19
Cost		*2.6	*2.4	*0.9	*0.8	*0.7	**0.2	
Insufficient time due to work/study	29.3	39.5	31.5	31.8	28.0	15.6	2.0	2
Insufficient time due to family	*2.7	7.6	20.1	23.1	12.2	6.4	2.1	1
Insufficient time, other	**1.1	*1.0	*1.0	*1.0	*1.0	*0.7	*0.9	(
Other Total responses(b)	*3.6 100.0	*2.4 100.0	4.6 100.0	2.4 100.0	*1.6 100.0	*0.9 100.0	*0.7 100.0	: 10
• • • •	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
		**0.6	*^ 9	*1 0	7.0	20.2	55 7	1
Age/too old	*= 0	**0.6	*0.8	*1.9	7.9	20.2	55.7	10
Ongoing injury/illness	*5.8 **1.4	7.2 **0.8	6.6 *1.2	10.5 *1 4	16.3 *1.0	24.2	19.6 *1 2	14
Temporary injury/illness Injury/illness (not further defined)	*2.7	*2.9	*1.2 *1.9	*1.4 2.0	*1.0 3.5	*0.9 3.5	*1.3 3.5	-
Already active	*6.2	2.9 6.9	*6.2	2.0 6.4	3.5 7.9	9.6	4.1	6
Not interested	47.0	25.0	22.5	18.8	18.1	17.2	8.6	18
Cost		*2.2	*1.7	*0.9	*0.5	*0.7	**0.1	(
Insufficient time due to work/study	28.4	39.7	31.2	30.9	26.5	15.2	*1.6	2
Insufficient time due to family	*2.2	7.0	17.7	19.4	9.4	5.2	*1.6	
Insufficient time, other	**1.9	*2.4	*2.8	2.6	3.0	*1.3	*1.7	
Other	*4.5	5.4	7.3	5.2	5.9	*2.3	2.0	
Total persons(b)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
estimate has a relative standard error of	25% to 50	% and	(a) To	tal number	of persons	who were no	on-participar	nts or lo
should be used with caution	20/0 10 30				•		of the Expla	
SHUUIU DE USEU WILLI CAULION					nts. See pa	aragraph 24		παισιγ
** optimate has a relative standard among	contor there							
** estimate has a relative standard error g is considered too unreliable for general		50% and		otes.		re than one		

PARTICIPANTS(a), Sports and physical recreation-Motivators for participation: Sex

	MALES		FEMALES		PERSONS	
		Per		Per		Per
	Number	Cent	Number	Cent	Number	Cent
	'000'	%	'000'	%	'000	%
	A	LL MO	TIVATORS			
Health/fitness	3 641.4	78.4	4 173.8	85.5	7 815.2	82.0
Well-being	1 799.9	38.8	2 113.6	43.3	3 913.5	41.1
Enjoyment	2 713.1	58.4	2 438.1	49.9	5 151.3	54.1
Social/family	1 745.0	37.6	1 490.1	30.5	3 235.2	34.0
Weight loss	562.9	12.1	1 051.4	21.5	1 614.3	16.9
Competition/challenge	746.9	16.1	376.3	7.7	1 123.2	11.8
Transport	166.8	3.6	173.4	3.6	340.2	3.6
Walk the dog	238.8	5.1	491.6	10.1	730.3	7.7
Other	60.8	1.3	59.8	1.2	120.5	1.3
Total responses(b)	11 675.6	100.0	12 368.1	100.0	24 043.7	100.0
	Μ	AIN M	OTIVATOR			
Health/fitness	2 305.9	49.6	2 862.1	58.6	5 168.0	54.2
Well-being	279.2	6.0	431.5	8.8	710.8	7.5
Enjoyment	1 272.4	27.4	783.9	16.1	2 056.3	21.6
Social/family	391.4	8.4	268.7	5.5	660.1	6.9
Weight loss	94.8	2.0	257.8	5.3	352.7	3.7
Competition/challenge	117.4	2.5	39.9	0.8	157.3	1.7
Transport	26.5	0.6	39.7	0.8	66.3	0.7
Walk the dog	71.7	1.5	122.0	2.5	193.8	2.0
Other	85.1	1.8	77.1	1.6	162.2	1.7
Total persons(a)	4 644.6	100.0	4 882.8	100.0	9 527.4	100.0

 (a) Total number of persons who participated in all activities for 13 or more times in the 12 months prior to interview. See paragraph 24 of the Explanatory Notes.

(b) Each person can give more than one response.

 ${\sf PARTICIPANTS}\,(a)\,,\,{\sf Sports}\,\,and\,\,{\sf physical}\,\,recreation-{\sf Motivators}\,\,for\,\,participation:\,\,{\sf Age}$

15–17	18–24	25–34	35–44	45–54	55–64	65 and over	То				
	NI	JMBER ('000)		• • • • • • •						
375.5	999.0	1 539.2	1 518.6	1 391.3	1 053.3	938.4	7 815				
190.2	441.5	748.4	790.7	753.8	539.5	449.4	3 913				
422.0	784.3	993.4	933.4	815.1	640.5	562.6	5 151				
288.6	541.0	684.4	590.4	445.0	338.7	347.1	3 235				
65.6	165.5	364.8	367.3	340.9	217.7	92.5	1 614				
177.7	221.6	226.7	180.5	136.7	103.3	76.7	1 123				
28.2	54.7	73.5	54.5	39.6	52.1	37.7	340				
*14.6	46.6	120.5	155.1	175.7	126.6	91.2	730				
*23.5	*15.1	*15.8	*24.1	*22.6	*13.0	*6.4	120				
1 586.0	3 269.3	4 766.6	4 614.5	4 120.7	3 084.5	2 602.1	24 04				
145.6	568.9	1 004.8	1 042.8	951.4	762.8	691.7	5 16				
17.4	56.8	128.3	137.9	165.5	108.4	96.5	71				
255.0		387.2	317.3	296.5	224.5	205.5	2 05				
65.2							66				
							35				
							15				
							6				
							19				
							16				
562.3	1 250.4	1 857.2	1 809.5	1 638.5	1 260.7	1 148.8	9 52				
	Р	ER CENI	(%)								
00.7				00.0	04.4	00.4	0				
							3				
							1				
							2				
							1				
							10				
100.0	100.0	100.0	100.0	100.0	100.0	100.0	10				
<u></u>						~~~~	_				
							5				
							2				
							10				
ndard error o	of 25% to 50)% (a) Total ni 	mber of nerg	sons who nar	ticinated in	Total number of persons who participated in all activities for 13 or more times in the 12 months prior to intervie				
andard error o	of 25% to 50)% (
andard error o caution andard error g			for 13 c		s in the 12 m	nonths prior					
	375.5 190.2 422.0 288.6 65.6 177.7 28.2 *14.6 *23.5 1 586.0 145.6 17.4 255.0	NU 375.5 999.0 190.2 441.5 422.0 784.3 288.6 541.0 65.6 165.5 177.7 221.6 28.2 54.7 *14.6 46.6 *23.5 *15.1 1 586.0 3 269.3 145.6 568.9 17.4 56.8 255.0 370.3 65.2 122.8 *16.5 49.5 38.2 40.5 **1.4 *13.7 **1.2 *14.8 *21.8 *13.1 562.3 1 250.4 P 23.7 30.6 12.0 13.5 26.6 24.0 18.2 16.5 4.1 5.1 11.2 6.8 1.8 1.7 *0.9 1.4 *1.5 *0.5 100.0 100.0 25.9 45.5 3.1 4.5 45.3 29.6 11.6 9.8 *2.9 4.0 6.8 3.2 **0.2 *1.1 **0.2 *1.2 *3.9 *1.0	NUMBER Number<	NUMBER ('000) 375.5 999.0 1 539.2 1 518.6 190.2 441.5 748.4 790.7 422.0 784.3 993.4 933.4 288.6 541.0 684.4 590.4 65.6 165.5 364.8 367.3 177.7 221.6 226.7 180.5 28.2 54.7 73.5 54.5 *14.6 46.6 120.5 155.1 *23.5 *15.1 *15.8 *24.1 1586.0 3 269.3 4 766.6 4 614.5 145.6 568.9 1 004.8 1 042.8 17.4 56.8 128.3 137.9 255.0 370.3 387.2 317.3 65.2 122.8 151.0 115.9 *16.5 49.5 93.2 82.3 38.2 40.5 28.1 *22.7 *1.4 *13.7 *15.3 *8.6 **1.2 *14.8 *18.8 38.1	NUMBER ('000) 375.5 999.0 1 539.2 1 518.6 1 391.3 190.2 441.5 748.4 790.7 753.8 422.0 784.3 993.4 933.4 815.1 288.6 541.0 684.4 590.4 445.0 65.6 165.5 364.8 367.3 340.9 177.7 221.6 226.7 180.5 136.7 28.2 54.7 73.5 54.5 39.6 *14.6 46.6 120.5 155.1 175.7 *23.5 *15.1 *15.8 *24.1 *22.6 1586.0 3 269.3 4 766.6 4 614.5 4 120.7 145.6 568.9 1 004.8 1 042.8 951.4 17.4 56.8 128.3 137.9 165.5 255.0 370.3 387.2 317.3 296.5 65.2 122.8 151.0 115.9 57.3 *16.5 49.5 38.1 *22.7 <td< td=""><td>NUMBER ('000) 375.5 999.0 1539.2 1518.6 1391.3 1053.3 190.2 441.5 748.4 790.7 753.8 539.5 422.0 784.3 993.4 933.4 815.1 640.5 288.6 541.0 684.4 590.4 445.0 338.7 65.6 165.5 364.8 367.3 340.9 217.7 177.7 221.6 226.7 180.5 136.7 103.3 28.2 54.7 73.5 54.5 39.6 52.1 *14.6 46.6 120.5 155.1 175.7 126.6 *23.5 *15.1 *15.8 *24.1 *22.6 *13.0 1586.0 3 269.3 4 766.6 4 614.5 4120.7 3 084.5 145.6 568.9 1 004.8 1 042.8 951.4 762.8 17.4 56.8 128.3 137.9 165.5 108.4 255.0 370.3 387.2 317.3 296.5 224.5 652.1 122.8 151.0 <td< td=""><td>15-17 18-24 25-34 35-44 45-54 55-64 over NUMBER ('000) 375.5 999.0 1539.2 1518.6 1391.3 1053.3 938.4 190.2 441.5 748.4 790.7 753.8 539.5 449.4 422.0 784.3 993.4 933.4 815.1 640.5 562.6 28.6 541.0 684.4 590.4 445.0 338.7 347.1 65.6 165.5 364.8 367.3 340.9 217.7 92.5 177.7 221.6 226.7 180.5 136.7 103.3 76.7 28.2 54.7 73.5 54.5 39.6 52.1 37.7 21.6 226.7 180.5 136.7 103.3 76.7 23.5 *15.1 *15.8 *24.1 *22.6 *13.0 *6.4 1586.0 3269.3 4766.6 4614.5 4120.7 3084.5 2602.1 145.6 568.9 1004.8 1042.8 951.4 762.8 691.7 <t< td=""></t<></td></td<></td></td<>	NUMBER ('000) 375.5 999.0 1539.2 1518.6 1391.3 1053.3 190.2 441.5 748.4 790.7 753.8 539.5 422.0 784.3 993.4 933.4 815.1 640.5 288.6 541.0 684.4 590.4 445.0 338.7 65.6 165.5 364.8 367.3 340.9 217.7 177.7 221.6 226.7 180.5 136.7 103.3 28.2 54.7 73.5 54.5 39.6 52.1 *14.6 46.6 120.5 155.1 175.7 126.6 *23.5 *15.1 *15.8 *24.1 *22.6 *13.0 1586.0 3 269.3 4 766.6 4 614.5 4120.7 3 084.5 145.6 568.9 1 004.8 1 042.8 951.4 762.8 17.4 56.8 128.3 137.9 165.5 108.4 255.0 370.3 387.2 317.3 296.5 224.5 652.1 122.8 151.0 <td< td=""><td>15-17 18-24 25-34 35-44 45-54 55-64 over NUMBER ('000) 375.5 999.0 1539.2 1518.6 1391.3 1053.3 938.4 190.2 441.5 748.4 790.7 753.8 539.5 449.4 422.0 784.3 993.4 933.4 815.1 640.5 562.6 28.6 541.0 684.4 590.4 445.0 338.7 347.1 65.6 165.5 364.8 367.3 340.9 217.7 92.5 177.7 221.6 226.7 180.5 136.7 103.3 76.7 28.2 54.7 73.5 54.5 39.6 52.1 37.7 21.6 226.7 180.5 136.7 103.3 76.7 23.5 *15.1 *15.8 *24.1 *22.6 *13.0 *6.4 1586.0 3269.3 4766.6 4614.5 4120.7 3084.5 2602.1 145.6 568.9 1004.8 1042.8 951.4 762.8 691.7 <t< td=""></t<></td></td<>	15-17 18-24 25-34 35-44 45-54 55-64 over NUMBER ('000) 375.5 999.0 1539.2 1518.6 1391.3 1053.3 938.4 190.2 441.5 748.4 790.7 753.8 539.5 449.4 422.0 784.3 993.4 933.4 815.1 640.5 562.6 28.6 541.0 684.4 590.4 445.0 338.7 347.1 65.6 165.5 364.8 367.3 340.9 217.7 92.5 177.7 221.6 226.7 180.5 136.7 103.3 76.7 28.2 54.7 73.5 54.5 39.6 52.1 37.7 21.6 226.7 180.5 136.7 103.3 76.7 23.5 *15.1 *15.8 *24.1 *22.6 *13.0 *6.4 1586.0 3269.3 4766.6 4614.5 4120.7 3084.5 2602.1 145.6 568.9 1004.8 1042.8 951.4 762.8 691.7 <t< td=""></t<>				

EXPLANATORY NOTES

INTRODUCTION	1 This publication presents results on participation in sports and physical recreation from the 2005–06 Multi-Purpose Household Survey (MPHS) conducted each month throughout Australia as a supplement to the Labour Force Survey (LFS).
	 2 The MPHS is designed to provide annual statistics for a number of small, self-contained topics. In 2005–06 the topics were: Participation in sports and physical recreation Sports attendance Attendance at selected culture and leisure venues and events Work related injuries Household use of information technology.
	3 Data for other MPHS topics collected in 2005–06 will be released in separate publications.
	4 The MPHS collected data on sports participation for persons aged 15 years and over. Sports participation data for those aged 18 years and over have been collected previously by the ABS in the Population Survey Monitor (from 1993 to 2000) and in the 2002 General Social Survey (GSS). Data from these surveys have been published in previous editions of <i>Participation in Sport and Physical Activities, Australia</i> (cat. no. 4177.0). The Survey of Disability, Ageing and Carers (2003) obtained information regarding whether persons aged 5 years and over with a disability had participated in sport or physical recreation away from home in the previous 12 months. Data from this survey have been published in <i>Disability, Ageing and Carers: Summary of Findings, Australia 2003</i> (cat. no. 4430.0).
	5 For all MPHS topics, information on labour force characteristics, education, income and other demographics is also available. In 2007, an expanded Confidentialised Unit Record File (CURF) will be released containing data from all topics.
SCOPE	 6 The scope of the LFS is people aged 15 years and over except: members of the permanent defence forces certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations overseas residents in Australia members of non-Australian defence forces (and their dependants).
	 For the MPHS in 2005–06 the following people were also excluded: people living in special dwellings such as hotels, university residences, etc. students at boarding schools, patients in hospitals, residents of homes (e.g. retirement homes, homes for persons with disabilities), and inmates of prisons visitors to private dwellings.
	8 This MPHS 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 included in this publication, except the Northern Territory where residents of these areas account for approximately 22% of the total population.
COVERAGE	9 In the LFS, coverage 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 <i>Labour Force, Australia</i> (cat. no. 6202.0) for more details.
DATA COLLECTION	10 The MPHS is conducted as a supplement to the monthly LFS. Each month one eighth of the dwellings in the LFS sample are rotated out of the survey and one third of these dwelling are selected for the MPHS. In these dwellings, after the LFS has been fully completed for each person in scope and coverage, a person aged 15 years or over is selected at random (based on a computer algorithm) and asked the MPHS questions in a

DATA COLLECTION continued	personal interview. If the randomly selected person is aged 15 to 17 years, permission is sought from a parent or guardian before conducting the interview. If permission is not given, the parent or guardian is asked the questions on behalf of the 15 to 17 year old. Data are collected using Computer Assisted Interviewing (CAI), whereby responses are recorded directly onto an electronic questionnaire in a notebook computer, usually during a telephone interview.
	11 The sample was accumulated over a twelve month period from July 2005 to June 2006.
	12 The publication <i>Labour Force, Australia</i> (cat. no. 6202.0) contains information about the design of the survey, scope, coverage and population benchmarks relevant to the monthly LFS. This information applies to the supplementary surveys and the MPHS. The publication 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 initial sample for the 2005–06 MPHS was 18,846 private dwelling households. Of the 16,212 private dwelling households that remained in the survey after sample loss (for example, households selected in the survey which had no residents in scope for the LFS, vacant or derelict dwellings and dwellings under construction), approximately 14,219 or 88% fully responded to the MPHS.
WEIGHTING, BENCHMARKING AND ESTIMATION	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 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. The initial weights were calibrated to align with independent estimates of the population of interest, referred to as 'benchmarks'. 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.
	15 The survey was benchmarked to the estimated civilian population aged 15 years and over, living in private dwellings in each state and territory (excluding very remote areas). The process of weighting ensures that the survey estimates conform to person benchmarks by state, part of state, age and sex and to household benchmarks by state, part of state and household composition. These benchmarks are produced from estimates of the resident population derived independently of the survey.
	16 Survey estimates of counts of persons or households are obtained by summing the weights of persons or households with the characteristic of interest.
RELIABILITY OF ESTIMATES	17 The estimates provided in this publication are subject to sampling and non-sampling errors.
	18 Sampling error is the difference between the published estimates, derived from a sample of persons and the value that would have been produced if all persons in scope of the survey had been included. For more information refer to the Technical Note.
	19 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-sample error include non-response, errors in reporting by respondents, the recording of answers by interviewers and in the coding and processing of data. Every effort is made to reduce non-sampling error to a minimum by the careful design of questionnaires, intensive training of interviewers and effective processing procedures.

DATA INTERPRETATION

20 This publication presents details of persons who participated in a sport or recreational physical activity as a player or participant at least once during the 12 months before interview in 2005–06. The term 'participant' is defined as a player, competitor or person who physically undertakes the activity. Involvement by people who participated solely as coaches, umpires or club officials is excluded from the data.

21 The information on the frequency of participation shown in tables 4 and 8 was collected by asking respondents how many times they participated during the year, for each activity in which they participated. This was recorded in ranges of 1–6, 7–12, 13–26, 27–52, and more than 52 times per year. Information was also collected on the frequency of participation in all activities with two additional ranges of 53–104, and 105 times or more included.

22 The survey included a question about the months of participation in all activities. Information from this question was used with the data recorded on the frequency of participation in all activities to derive a measure of the regularity of participation. This is shown in table 5. The regularity items are:

- Occasional participation participated less than 12 times and participated from one to twelve months.
- Infrequent part year participation participated from 13-52 times and participated from one to eleven months.
- Infrequent full year participation participated from 13-52 times and participated in each month.
- Frequent part year participation participated 53 times or more and participated from one to eleven months.
- Once or twice a week participation participated from 53-104 times and participated in each month.
- More than twice a week participation participated from 105 times or more and participated in each month.

23 No information was collected about the duration of participation, i.e. how many hours people participated in each reported activity. For example, walking participants may have taken short walks for exercise of less than half an hour, or they may have walked for longer periods. Similarly, no information was collected regarding the intensity in which the sport or physical activity was undertaken. For example, a cycling participant may have undertaken this activity at a leisurely pace or vigorously.

24 The survey also sought information about the reasons why people participated (motivators) and why they did not participate (perceived constraints on participation). The question on motivators was asked of all participants who participated in all activities for 13 or more times. Information on the constraints on participation was sought from those who did not participate at all and from those who participated in all activities for 12 times or less.

25 The questions were asked as 'open' questions, with respondents able to provide as many answers as they wished. These were then coded to a number of defined categories. Where more than one response was provided, i.e. more than one motivator or constraint, the respondent was subsequently asked to indicate the main motive or constraint.

DATA INTERPRETATION

continued

- **26** The motivators were coded as:
- Health/fitness
- Well-being
- Enjoyment
- Social/family
- Weight loss
- Competition/challenge
- Transport
- Walk the dog
- Other.
- **27** Constraints were coded as:
 - Age/too old
 - Ongoing injury/illness
 - Temporary injury/illness
 - Injury/illness (not further defined)
- Already active
- Not interested
- Cost
- Insufficient time due to work/study
- Insufficient time due to family
- Insufficient time, other
- Other.

COMPARISONS WITH PREVIOUS DATA **28** The previous edition of this publication contained information collected by the 2002 General Social Survey. Changes in methodology mean that it is not possible to compare the overall participation rates from the 2005–06 MPHS and the GSS as there were changes to the question wording and the actual collection method, both of which may have impacted on the results.

29 The MPHS question asked about physical activities or sports participated in during the last 12 months and then prompted the respondent as to whether participation was for sport; or for exercise or recreation. The GSS asked about any physical activities or sports participated in as either a participant, coach, official, umpire or administrator. Also the MPHS was conducted, in most cases, as a telephone survey, whereas the GSS was conducted as a face-to-face interview.

30 Respondents in both the MPHS and the GSS were asked about a range of social topics in addition to participation in sports and physical recreation. The number and subject of the topics was different in both surveys and the different context for the participation questions may have had some impact on the responses provided by respondents in each of the surveys.

31 It is not possible to determine the extent to which the differences between the 2005–06 MPHS and the 2002 GSS methodologies have contributed to any difference in results. However, it is likely that the two surveys are not comparable and therefore no comparisons of data from the two surveys have been made in this publication.

COMPARABILITY WITH MONTHLY LFS STATISTICS

32 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 obtained from the LFS.

FUTURE SURVEYS	 33 The ABS will conduct the MPHS again during the 2006–07 financial year. The 2006–07 MPHS topics are: Education and household income Household use of information technology Barriers and incentives to labour force participation Retirement and retirement intentions Family characteristics, transitions and history Adult learning.
	34 The MPHS is likely to be the main survey vehicle for the collection of future data on sports participation and the ABS is planning to collect data on this topic again in 2009–10. The scope of the survey is expected to remain as persons aged 15 years and over.
GENERAL ACKNOWLEDGEMENT	35 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	 36 Other ABS publications containing information on sport, physical recreation and leisure activities include: <i>Children's Participation in Cultural and Leisure Activities, Australia, 2006</i> (cat. no. 4901.0) Sports Attendance, Australia, 2005–06 (cat. no. 4174.0) Attendance at Selected Cultural Venues and Events, Australia, 2005–06 (cat. no. 4114.0) Sport and Recreation: A Statistical Overview, Australia, 2006 Edition 2 (cat. no. 4156.0) General Social Survey, Australia, 2002 (cat. no. 4159.0) Australian Culture and Leisure Classifications, 2001 (cat. no. 4902.0) How Australians Use Their Time, 1997 (cat. no. 4153.0). 37 Current publications and other products released by the ABS are listed in the
	<i>Catalogue of Publications and Products</i> (cat. no. 1101.0). The catalogue is available from any ABS office or the ABS website http://www.abs.gov.au . The ABS also issues a

daily release advice on the web site which details products to be released in the week

40 $$\ \ ABS $ \ \ PARTICIPATION $ IN $ SPORTS AND $ PHYSICAL RECREATION $ \ \ 4177.0 $ \ \ 2005-06 $$

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ahead.

ABBREVIATIONS

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- ABS Australian Bureau of Statistics
- ACLC Australian Culture and Leisure Classifications
- ACT Australian Capital Territory
- Aust. Australia
- CAI computer assisted interviewing
- CURF confidentialised unit record file
- GSS General Social Survey
- LFS Labour Force Survey
- MPHS Multi-Purpose Household Survey
 - no. number
- NSW New South Wales
- NT Northern Territory
- PSM Population Survey Monitor
- 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.

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

3 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 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.

4 Space does not allow for the separate indication of the SEs and/or RSEs of all the estimates in this publication.

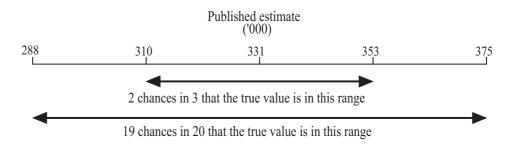
5 To assist users of this publication to ascertain the approximate levels of reliability of estimates throughout this publication, a table of SEs and RSEs for certain estimates of population counts appears at the end of this Technical Note. These values do not give a precise measure of the SEs or RSEs for a particular estimate but will provide an indication of their magnitude.

6 An example of the calculation and use of SEs in relation to estimates of numbers of persons is as follows. Consider the estimate of the number of persons (aged 15 years or more) who participated in Basketball in the 12 months before interview, which is 331,500 (table 6). Since this estimate is between 300,000 and 500,000, the SE will be between 20,700 and 25,600 (as shown in the SE table), and can be approximated by interpolation using the following formula:

SE = lower SE + ((size of estimate - lower size) / (upper size - lower size)) x (upper SE - lower SE)

i.e. SE = $20,700 + ((331,500 - 300,000) / (500,000 - 300,000)) \times (25,600 - 20,700)$ i.e. SE = (approximately) 21,500

7 Therefore, there are about 2 chances in 3 that the value that would have been produced if all persons had been included in the survey would have fallen within the range 310,000 to 353,000 and about 19 chances in 20 that the value would have fallen within the range 288,500 to 374,500.



CALCULATING STANDARD ERRORS FOR POPULATION ESTIMATES CALCULATING STANDARD ERRORS FOR PROPORTIONS AND PERCENTAGES

8 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 proportion is given below:

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

9 Consider the example given above of the number of persons who participated in Basketball (331,500). Of these, 28.5% (or approximately 94,600) participated in this sport as a non-organised activity (table 9). As already noted, the SE of 331,500 is approximately 21,500, which equates to an RSE of about 6%. The SE and RSE of 94,600 are approximately 12,200 and 13% respectively. Applying the formula above, the estimate of 28.5% will have an RSE of:

 $RSE(x/y) = \sqrt{[RSE(94,600)]^2 - [RSE(331,500)]^2}$

RSE $(x/y) = \sqrt{(13)^2 - (6)^2}$

RSE(x/y) = 12

10 This gives a SE for the proportion (28.5%) of approximately 3.4 percentage points. Therefore, if all persons had been included in the survey, there are 2 chances in 3 that the proportion that would have been obtained is between 25.1% to 31.9% and about 19 chances in 20 that the proportion is within the range 21.7% to 35.3%.

11 The difference between two survey estimates (numbers or percentages) is also 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 formula: $SE(x-y) = \sqrt{[SE(x)]^2 + [SE(y)]^2}$

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

TECHNICAL NOTE MEASURING SAMPLING VARIABILITY continued

STANDARD ERROR OF ESTIMATES

	STANDAF	RD ERROR							AUST.	
	NSW	Vic.	Old	SA	WA	Tas.	NT	ACT	Standard error	Relative standard error
Size of estimate										
(persons)	no.	no.	no.	no.	no.	no.	no.	no.	no.	%
100	200	90	170	160	140	110	140	110	190	190
200	340	180	290	270	240	180	230	180	320	160
300	450	270	400	360	320	230	300	240	430	143
500	650	420	570	510	460	320	420	330	600	120
700	820	550	730	630	580	400	520	410	760	109
1000	1 040	740	920	790	730	500	640	510	960	96
1500	1 350	1 020	1 200	1 010	950	630	800	640	1 240	83
2000	1 630	1 260	1 440	1 190	1 130	750	930	750	1 480	74
2500	1 850	1 500	1 650	1 350	1 300	850	1 050	850	1 700	68
3000	2 100	1 700	1 850	1 500	1 450	950	1 150	950	1 900	63
3500	2 300	1 900	2 000	1 650	1 550	1 000	1 200	1 000	2 100	60
4000	2 500	2 050	2 200	1 750	1 700	1 100	1 300	1 050	2 250	56
5000	2 850	2 400	2 500	1 950	1 950	1 200	1 400	1 200	2 600	52
7000	3 450	3 000	3 000	2 350	2 300	1 450	1 650	1 400	3 150	45
10000	4 250	3 700	3 650	2 800	2 800	1 700	1 850	1 600	3 850	39
15000	5 300	4 700	4 450	3 400	3 450	2 100	2 150	1 900	4 800	32
20000	6 200	5 500	5 150	3 850	3 950	2 350	2 350	2 100	5 600	28
30000	7 650	6 800	6 250	4 600	4 750	2 800	2 650	2 400	6 950	23
40000	8 850	7 800	7 100	5 200	5 400	3 150	2 850	2 600	8 050	20
50000	9 900	8 650	7 800	5 650	5 950	3 450	3 000	2 800	9 000	18
100000	13 750	11 650	10 350	7 350	7 900	4 400	3 400	3 300	12 600	13
150000	16 450	13 600	12 050	8 400	9 250	5 050	3 600	3 600	15 200	10
200000	18 650	15 050	13 350	9 200	10 250	5 500	3 700	3 800	17 350	9
300000	22 100	17 150	15 250	10 400	11 750	6 200		4 000	20 700	7
500000	27 100	19 750	17 800	12 000	13 800	7 100			25 600	5
1000000	35 050	23 150	21 450	14 150	16 750				33 700	3
2000000	44 400	25 950	25 100	16 250	19 800				43 550	2
5000000	58 750	28 400	29 550						59 350	1
10000000									73 400	1
20000000									89 150	_
				• • • • • • •						

.. not applicable

— nil or rounded to zero (including null cells)

NUMBER OF PERSONS, ESTIMATES WITH RELATIVE STANDARD ERRORS OF 25% AND 50%

•••••		• • • • • • • •		• • • • • • • •			• • • • • • •		• • • • • • • • • • •
	NSW	Vic.	Qld	SA	WA	Tas.	Nt	ACT	Aust.
Size of estimate	no.	no.	no.	no.	no.	no.	no.	no.	no.
Estimates with RSEs of 25%	32 451	24 830	22 743	13 316	13 321	6 285	6 848	5 351	25 613
Estimates with RSEs of 50%	7 190	4 548	5 268	3 298	2 958	1 464	1 987	1 354	5 413

GLOSSARY

Aerobics/fitness	Includes callisthenics, gym, exercise bike and circuits.
Age	This is the person's age on their last birthday.
Basketball	Includes indoor and outdoor basketball.
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).
Constraints on participation	Reasons for non-participation or infrequent participation sought from persons who participated 12 times or less in the 12 months prior to interview
Couple	Two people in a registered or de facto marriage, who usually live in the same household.
Cross country running	Excludes orienteering.
Cycling	Includes BMX and mountain bikes.
Dependent children	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	 All persons aged 15 years and over who, during the reference week: worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and own account workers); or worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or were employees who had a job but were not at work and were: away from work for less than four weeks up to the end of the 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
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.
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.
Household composition	Descriptions of the different types of household composition are provided below: <i>Couple only, one family household.</i> A household consisting of a couple with no other related or unrelated persons usually resident.

GLOSSARY continued

Household composition continued	 One family bousebold with dependent children – 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 not included. One family bousebold with dependent children – one-parent family. A household consisting of a lone parent and at least one dependent child usually resident in the household. Non-dependent children may also be present in the household. Households which also have other related or unrelated usually resident in the household. Non-dependent children may also be present in the household. Households which also have other related or unrelated usual residents are not included. Lone person bousehold. A household consisting of a person living alone. Other bouseholds. Comprises all other households, including multiple family households, and households consisting of unrelated adults.
Ice/snow sports	Includes ice hockey, ice skating and snow skiing.
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.
Main English-speaking countries	Refers to 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 and Ireland, New Zealand, Canada, the United States of America and South Africa.
Martial arts	Includes judo, karate, tae kwan do, aikido and kickboxing.
Motivators to participation	Reasons given for participating, sought from persons who participated 13 times or more in the 12 month period prior to interview.
Motor sports	Includes car, motor cycle, speedway, drag and go-cart racing.
Non-dependent children	All persons 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.
Organised sports and physical recreation	Those sports and physical recreation activities which were organised by a club or association. The club or organisation did not need to be a sporting body; it may have been a social club, church group, old scholars association or gymnasium. Persons may participate in more than one organised activity and also participate in non-organised activities.
Participant	Those playing a sport or physically undertaking an activity. Persons involved solely as a coach, teacher, instructor, referee, umpire, administrator, club committee member are excluded from the data.
Participation rate	For any group, this is calculated by expressing the number of people who participated in an activity at least once during the year as a percentage of the population aged 15 years and over.
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.

GLOSSARY continued

Regularity of participation	 This is derived from data on the frequency of participation in all activities and the months of participation in all activities. The regularity items are subdivided into: <i>Occasional participation</i> – participated from 1–12 times and participated in from one to twelve months. <i>Infrequent – part year participation</i> – participated from 13 – 52 times and participated in from one to eleven months. <i>Infrequent – full year participation</i> – participated from 13 – 52 times and participated in each month. <i>Frequent – part year participation</i> – participated from 13 – 52 times and participated in each month. <i>Frequent – part year participation</i> – participated 53 times or more and participated in from one to eleven months. <i>Once or twice a week participation</i> – participated from 53 – 104 times and participated in each month. <i>More than twice a week participation</i> – participated from 105 times or more and participated in each month.
Rest of Australia	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.
Royal tennis	Tennis played in an indoor, concrete, four-walled court.
Running	Includes jogging and fun-running. Excludes cross-country running.
Shooting	Includes target, pistol, hunting and paintball shooting.
Sports and physical recreation	The question on sport and physical recreation participation did not prompt for particular activities and whether an activity was regarded as a sport or physical recreation was left to the opinion of the respondent. However, activities such as gardening, housework, manual labouring and other forms of occupational physical activity were excluded from the data.
Surf sports	Includes surfing and windsurfing. Excludes surf-lifesaving.
Unemployed	 Persons aged 15 years and over who were not employed during the reference week, and: 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.
Volleyball	Includes indoor, outdoor and beach volleyball.

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