



Sports Participation *Victoria*

OCTOBER 1989



NEW ISSUE

7 SEPTEMBER 1990

SPORTS PARTICIPATION VICTORIA, OCTOBER 1989

R.A. CROCKETT

Deputy Commonwealth Statistician

INQUIRIES

Inquiries regarding these statistics may be made by telephoning Information Services on Melbourne (03) 615 7000. For advice on the interpretation of these statistics or for more details regarding results from the Sports Participation Survey, please contact Mr Darren Pennay on (03) 615 7350.

CONTENTS

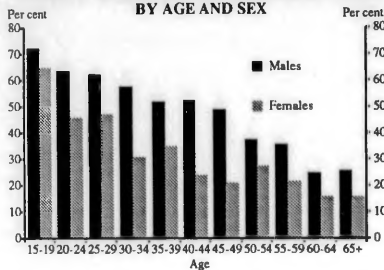
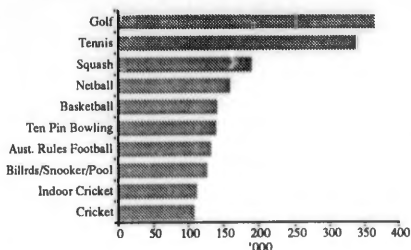
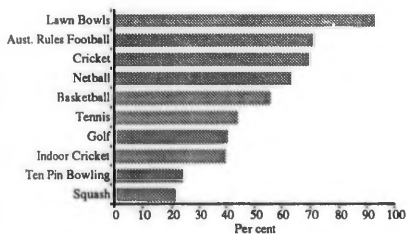
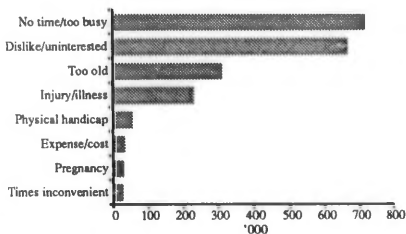
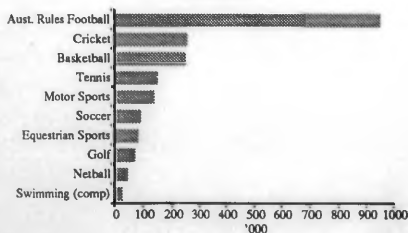
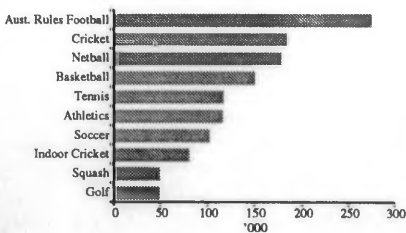
	Page
Main Findings	2
Participation in Sports	
Whether participated in sport by age and sex, Victoria	4
Whether participated in sport by area of usual residence, Victoria	5
Whether participated in sport by country of birth, Victoria	6
Whether participated in sport by family relationship, Victoria	7
Participation in Selected Main Sports	
Main sports by sex, Victoria	8
Main sports by age, Victoria	8
Main sports by country of birth, Victoria	9
Main sports by how they are organised, Victoria	9
Main sports by frequency of training, Victoria	10
Main sports by frequency of participation, Victoria	10
Main sports by when participation occurred, Victoria	11
Main sports by months of participation, Victoria	11
Main sports by whether a club/association member, Victoria	12
Expenditure on Sports	
Sports by expenditure on clothing/equipment, Victoria	13
Sports by total annual cost of participation, Victoria	13
Non-participation in Sports	
Reasons for non-participation by age and sex, Victoria	14
Reasons for non-participation by area of usual residence, Victoria	14
Spectator Sports	
Sports attended where admission was charged by age and sex, Victoria	15
Sports attended where admission was charged by family relationship, Victoria	15
Sports attended where no admission was charged by age and sex, Victoria	16
Sports attended where no admission was charged by family relationship, Victoria	16
Special data service	17
Explanatory notes	18
Technical notes	20
Standard error tables	21
Map of Melbourne Statistical Division	22

MAIN FINDINGS

The Sports Participation Survey was conducted in October 1989. Some of the main findings from the Sports Participation Survey were :

During the twelve months to October 1989,

- ☐ 1,378,300 persons aged 15 years and over (41.7 per cent) participated in sport.
- ☐ 50.7 per cent of males (824,100) participated in sport compared to 33.0 per cent of females (554,200).
- ☐ a greater proportion of people in the Rest of Victoria (44.6 per cent) participated in sport than in the Melbourne Statistical Division (40.6 per cent).
- ☐ the ten most popular participant sports were golf (played by 11.0 per cent of the Victorian population aged 15 years and over), tennis (10.2 per cent), squash (5.7 per cent), netball (4.8 per cent), basketball (4.2 per cent), ten pin bowling (4.2 per cent), Australian Rules Football (4.0 per cent), Billiards/Snooker/Pool (3.8 per cent), Indoor Cricket (3.3 per cent) and Cricket (3.3 per cent).
- ☐ the ten most popular participant sports, that were played on a regular basis (ie. at least once a week), were tennis (played by 6.1 per cent of the Victorian population aged 15 years and over), netball (4.1 per cent), golf (3.8 per cent), Australian Rules Football (3.2 per cent), squash (3.1 per cent), basketball (3.1 per cent), Indoor Cricket (2.6 per cent), Cricket (2.4 per cent), Lawn Bowls (2.2 per cent) and Billiards/Snooker/Pool (1.5 per cent).
- ☐ the sport with the highest proportion of club/association membership was lawn bowls (92.9 per cent), followed among the main sports by Australian Rules Football (71.0 per cent), Cricket (69.6 per cent), Netball (63.4 per cent) and Basketball (55.4 per cent).
- ☐ the main reasons for persons' non-participation in sport were: had no time for sport or were too busy (37.2 per cent of non-participants), don't like sport or weren't interested (34.5 per cent), those who felt they were too old for sports (16.1 per cent) and persons who cited injury or illness (11.8 per cent).
- ☐ the sports most persons attended where an admission fee was charged were Australian Rules Football (947,000 persons), Cricket (251,100 persons), Basketball (246,100 persons), and Tennis (147,700 persons).
- ☐ the most attended sports where no admission was charged were Australian Rules Football (274,400 persons), Cricket (183,400 persons), Netball (177,200 persons) and Basketball (149,700 persons).

**CHART 1. WHETHER PARTICIPATED IN SPORT
BY AGE AND SEX**

CHART 2. MAIN SPORTS PARTICIPATED IN

**CHART 3. MEMBERSHIP OF CLUB/ASSOCIATION
BY PARTICIPANTS IN THE SPORT**

**CHART 4. REASONS FOR NON-PARTICIPATION IN
SPORT**

**CHART 5. SPORTS ATTENDED WHERE ADMISSION
CHARGED**

**CHART 6. SPORTS ATTENDED WHERE NO
ADMISSION CHARGED**


Participation in Sports

TABLE 1. NUMBER AND PERCENT OF PERSONS : SEX BY AGE IN YEARS BY WHETHER PARTICIPATED IN SPORT, VICTORIA

Age in years	('000)					
	Yes		No		Total	
	Number	Percent	Number	Percent	Number	Percent
Males						
15-19	132.0	72.5	50.1	27.5	182.1	100.0
20-24	110.6	63.8	62.6	36.2	173.2	100.0
25-29	109.4	62.5	65.7	37.5	175.2	100.0
30-34	99.6	57.9	72.5	42.1	172.0	100.0
35-39	84.4	52.2	77.1	47.8	161.5	100.0
40-44	81.5	52.5	73.7	47.5	155.2	100.0
45-49	60.0	49.1	62.3	50.9	122.3	100.0
50-54	39.2	37.8	64.5	62.2	103.7	100.0
55-59	34.1	35.9	60.9	64.1	95.0	100.0
60-64	23.3	25.1	69.7	74.9	93.1	100.0
65-69	25.0	32.5	52.0	67.5	77.1	100.0
70-74	* 10.7	* 20.5	41.7	79.5	52.4	100.0
75 and over	14.3	22.3	49.5	77.7	63.8	100.0
TOTAL	824.1	50.7	802.4	49.3	1,626.5	100.0
Females						
15-19	112.1	64.9	60.7	35.1	172.7	100.0
20-24	79.9	46.0	93.6	54.0	173.4	100.0
25-29	84.7	47.3	94.4	52.7	179.0	100.0
30-34	54.0	31.0	120.2	69.0	174.2	100.0
35-39	58.1	35.1	107.3	64.9	165.4	100.0
40-44	36.6	24.0	115.6	76.0	152.2	100.0
45-49	25.2	21.2	93.7	78.8	118.9	100.0
50-54	27.9	27.6	73.4	72.4	101.4	100.0
55-59	20.4	21.9	72.8	78.1	93.1	100.0
60-64	15.2	16.1	79.3	83.9	94.5	100.0
65-69	18.2	20.6	69.9	79.4	88.1	100.0
70-74	* 8.9	* 13.1	58.9	86.9	67.8	100.0
75 and over	13.0	13.5	82.9	86.5	95.9	100.0
TOTAL	554.2	33.0	1,122.6	67.0	1,676.8	100.0
Persons						
15-19	244.0	68.8	110.8	31.2	354.8	100.0
20-24	190.4	54.9	156.2	45.1	346.7	100.0
25-29	194.1	54.8	160.1	45.2	354.2	100.0
30-34	153.6	44.4	192.6	55.6	346.2	100.0
35-39	142.5	43.6	184.4	56.4	326.9	100.0
40-44	118.1	38.4	189.3	61.6	307.4	100.0
45-49	85.3	35.3	156.0	64.7	241.2	100.0
50-54	67.1	32.7	138.0	67.3	205.1	100.0
55-59	54.5	29.0	133.7	71.0	188.2	100.0
60-64	38.6	20.6	149.0	79.4	187.6	100.0
65-69	43.2	26.2	121.9	73.8	165.1	100.0
70-74	19.6	16.3	100.5	83.7	120.2	100.0
75 and over	27.2	17.1	132.4	82.9	159.7	100.0
TOTAL	1,378.3	41.7	1,925.0	58.3	3,303.3	100.0

TABLE 2. NUMBER AND PERCENT OF PERSONS : AREA OF USUAL RESIDENCE BY AGE IN YEARS BY WHETHER PARTICIPATED IN SPORT, VICTORIA

Age in years	('000)					
	Yes		No		Total	
	Number	Percent	Number	Percent	Number	Percent
Melbourne Statistical Division						
15-19	167.7	66.3	85.4	33.7	253.1	100.0
20-24	140.4	54.4	117.6	45.6	258.0	100.0
25-29	139.6	53.9	119.4	46.1	259.1	100.0
30-34	110.2	44.3	138.6	55.7	248.8	100.0
35-39	92.8	39.4	142.5	60.6	235.2	100.0
40-44	83.9	37.4	140.4	62.6	224.4	100.0
45-49	61.4	35.1	113.4	64.9	174.8	100.0
50-54	46.3	31.4	101.5	68.6	147.8	100.0
55-59	39.0	29.4	93.8	70.6	132.8	100.0
60-64	26.9	20.8	102.0	79.2	128.9	100.0
65-69	23.9	21.2	88.6	78.8	112.5	100.0
70-74	11.9	14.4	70.6	85.6	82.5	100.0
75 and over	14.6	14.0	89.6	86.0	104.2	100.0
TOTAL	958.7	40.6	1,403.5	59.4	2,362.2	100.0
Rest of Victoria						
15-19	76.3	75.0	25.4	25.0	101.7	100.0
20-24	50.0	56.4	38.7	43.6	88.7	100.0
25-29	54.5	57.3	40.6	42.7	95.1	100.0
30-34	43.4	44.6	54.0	55.4	97.4	100.0
35-39	49.7	54.2	42.0	45.8	91.7	100.0
40-44	34.2	41.2	48.8	58.8	83.0	100.0
45-49	23.9	35.9	42.6	64.1	66.4	100.0
50-54	20.8	36.3	36.5	63.7	57.2	100.0
55-59	15.5	27.9	39.9	72.1	55.4	100.0
60-64	11.7	19.9	47.0	80.1	58.7	100.0
65-69	19.3	36.7	33.3	63.3	52.6	100.0
70-74	* 7.7	* 20.5	29.9	79.5	37.7	100.0
75 and over	12.6	22.8	42.8	77.2	55.4	100.0
TOTAL	419.6	44.6	521.5	55.4	941.1	100.0
Total						
15-19	244.0	68.8	110.8	31.2	354.8	100.0
20-24	190.4	54.9	156.2	45.1	346.7	100.0
25-29	194.1	54.8	160.1	45.2	354.2	100.0
30-34	153.6	44.4	192.6	55.6	346.2	100.0
35-39	142.5	43.6	184.4	56.4	326.9	100.0
40-44	118.1	38.4	189.3	61.6	307.4	100.0
45-49	85.3	35.3	156.0	64.7	241.2	100.0
50-54	67.1	32.7	138.0	67.3	205.1	100.0
55-59	54.5	29.0	133.7	71.0	188.2	100.0
60-64	38.6	20.6	149.0	79.4	187.6	100.0
65-69	43.2	26.2	121.9	73.8	165.1	100.0
70-74	19.6	16.3	100.5	83.7	120.2	100.0
75 and over	27.2	17.1	132.4	82.9	159.7	100.0
TOTAL	1,378.3	41.7	1,925.0	58.3	3,303.3	100.0

TABLE 3. NUMBER AND PERCENT OF PERSONS : SEX BY COUNTRY OF BIRTH BY WHETHER PARTICIPATED IN SPORT, VICTORIA

Country of birth	('000)					
	Yes		No		Total	
	Number	Percent	Number	Percent	Number	Percent
Male						
Australia	646.7	56.6	496.5	43.4	1,143.1	100.0
New Zealand	12.9	63.4	* 7.4	* 36.6	20.4	100.0
Europe—						
United Kingdom and		56.8	52.7	43.2	122.1	100.0
Ireland	69.4	19.6	55.4	80.4	68.9	100.0
Italy	13.5	* 13.8	29.4	86.2	34.1	100.0
Greece	* 4.7	* 22.4	23.2	77.6	29.8	100.0
Yugoslavia	* 6.7	* 37.1	* 7.4	* 62.9	11.7	100.0
Netherlands	* 4.3	* 36.2	* 8.9	* 63.8	13.9	100.0
Germany	* 5.0	* 36.2	36.1	79.8	45.2	100.0
Other Europe	* 9.1	* 20.2	63.9	65.5	97.6	100.0
Asia	33.7	34.5	* 5.3	* 38.0	13.9	100.0
America	* 8.6	* 62.0	13.6	64.8	21.0	100.0
Africa	* 7.4	* 35.2				
Oceania (excluding Aust. and N.Z.)	**	* 0.0	**	* 0.0	* 4.8	* 100.0
TOTAL	824.1	50.7	802.4	49.3	1,626.5	100.0
Female						
Australia	473.9	39.2	735.9	60.8	1,209.8	100.0
New Zealand	* 4.2	* 36.5	* 7.4	* 63.5	11.6	100.0
Europe—						
United Kingdom and		25.1	84.8	74.9	113.3	100.0
Ireland	28.5	* 8.5	55.8	91.5	61.0	100.0
Italy	* 5.2	**	30.2	97.4	31.1	100.0
Greece	**	**	34.7	98.1	35.4	100.0
Yugoslavia	* 3.4	* 21.0	12.9	79.0	16.4	100.0
Netherlands	**	**	19.5	90.5	21.6	100.0
Germany	* 7.4	* 12.9	50.1	87.1	57.5	100.0
Other Europe	21.3	24.7	64.9	75.3	86.2	100.0
Asia	**	* 0.0	* 8.1	* 74.9	* 10.8	* 100.0
America	**	**	13.7	82.9	16.6	100.0
Africa						
Oceania (excluding Aust. and N.Z.)	**	* 0.0	* 4.5	* 80.0	* 5.7	* 100.0
TOTAL	554.2	33.0	1,122.6	67.0	1,676.8	100.0
Persons						
Australia	1,120.6	47.6	1,232.3	52.4	2,352.9	100.0
New Zealand	17.1	53.6	14.8	46.4	32.0	100.0
Europe—						
United Kingdom and		41.6	137.6	58.4	235.4	100.0
Ireland	97.9	14.4	111.2	85.6	129.9	100.0
Italy	18.7	* 8.5	59.7	91.5	65.2	100.0
Greece	* 5.5	* 11.3	57.9	88.7	65.2	100.0
Yugoslavia	* 7.3	* 27.7	20.3	72.3	28.1	100.0
Netherlands	* 7.8	* 20.0	28.4	80.0	35.5	100.0
Germany	* 7.1	16.1	86.1	83.9	102.6	100.0
Other Europe	16.5	29.9	128.8	70.1	183.8	100.0
Asia	55.0	45.9	13.3	54.1	24.6	100.0
America	11.3	* 27.3	27.4	72.7	37.6	100.0
Africa	* 10.3					
Oceania (excluding Aust. and N.Z.)	* 3.2	* 31.0	* 7.2	* 69.0	* 10.5	* 100.0
TOTAL	1,378.3	41.7	1,925.0	58.3	3,303.3	100.0

TABLE 4. NUMBER AND PERCENT OF PERSONS : FAMILY RELATIONSHIP BY WHETHER PARTICIPATED IN SPORT, VICTORIA

Family relationship	('000)					
	Yes		No		Total	
	Number	Percent	Number	Percent	Number	Percent
Husband with children 0-14	239.1	54.7	198.1	45.3	437.3	100.0
Wife with children 0-14	131.2	31.0	292.1	69.0	423.3	100.0
Husband without children 0-14	222.3	40.2	330.2	59.8	552.4	100.0
Wife without children 0-14	155.7	27.7	407.4	72.3	563.1	100.0
Single head with children 0-14	20.0	29.6	47.4	70.4	67.4	100.0
Person living alone	90.2	31.3	197.9	68.7	288.1	100.0
Other	472.0	53.8	405.1	46.2	877.1	100.0
Not determined	47.7	50.5	46.9	49.5	94.6	100.0
TOTAL	1,378.3	41.7	1,925.0	58.3	3,303.3	100.0

Participation in Selected Main Sports

TABLE 5. NUMBER AND PERCENT OF PERSONS : MAIN SPORTS PARTICIPATED IN BY SEX, VICTORIA

Main sports participated in	('000)					
	Males		Females		Persons	
	Number	Percent(a)	Number	Percent(a)	Number	Percent(a)
Athletics	44.7	2.7	39.7	2.4	84.3	2.6
Australian Rules						
Football	124.4	7.7	* 6.5	* 0.4	130.9	4.0
Badminton	29.5	1.8	25.4	1.5	54.9	1.7
Basketball	73.8	4.5	66.0	3.9	139.8	4.2
Billiards/Snooker/Pool	94.8	5.8	30.6	1.8	125.4	3.8
Bowls (Indoor)	11.6	0.7	21.5	1.3	33.2	1.0
Bowls (Lawn)	50.0	3.1	32.6	1.9	82.6	2.5
Cricket	99.3	6.1	* 8.1	* 0.5	107.5	3.3
Cricket (Indoor)	71.5	4.4	39.2	2.3	110.6	3.3
Darts	32.9	2.0	* 8.4	* 0.5	41.3	1.3
Golf	284.9	17.5	79.5	4.7	364.4	11.0
Hockey	20.8	1.3	11.9	0.7	32.7	1.0
Netball	17.8	1.1	141.1	8.4	159.0	4.8
Soccer	47.6	2.9	* 9.5	* 0.6	57.1	1.7
Squash	115.8	7.1	73.8	4.4	189.6	5.7
Swimming (competitive)	13.3	0.8	14.2	0.8	27.5	0.8
Table Tennis	60.0	3.7	30.1	1.8	90.1	2.7
Tennis	159.5	9.8	178.9	10.7	338.4	10.2
Ten Pin Bowling	69.4	4.3	70.0	4.2	139.4	4.2
Volleyball	23.9	1.5	30.0	1.8	53.9	1.6
Other sports	200.5	12.3	89.0	5.3	289.5	8.8

(a) Percent columns refer to the total number of persons in the category above.

TABLE 6. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY AGE IN YEARS, VICTORIA

Main sports participated in	('000)						
	15-24	25-34	35-44	45-54	55-64	65 and over	Total
Athletics	59.8	* 10.0	* 8.2	* 4.6	**	**	84.3
Australian Rules							
Football	70.9	24.9	23.6	* 7.9	* 3.5	**	130.9
Badminton	31.7	* 8.5	* 10.7	* 4.0	**	**	54.9
Basketball	85.0	33.7	13.6	* 6.2	**	**	139.8
Billiards/Snooker/Pool	36.8	46.5	17.8	12.0	* 8.6	* 3.7	125.4
Bowls (Indoor)	**	**	**	**	* 8.4	18.9	33.2
Bowls (Lawn)	**	**	**	11.6	20.4	45.3	82.6
Cricket	53.1	28.9	20.2	* 4.6	**	**	107.5
Cricket (Indoor)	62.0	34.9	11.6	**	**	**	110.6
Darts	* 10.4	19.1	* 8.4	**	**	**	41.3
Golf	58.0	93.4	80.5	59.4	44.2	29.1	364.4
Hockey	22.8	* 5.0	**	**	**	**	32.7
Netball	91.4	43.7	17.2	* 6.4	**	**	159.0
Soccer	33.1	* 8.3	* 7.6	* 7.3	**	**	57.1
Squash	68.8	70.1	37.6	12.5	**	**	189.6
Swimming (competitive)	23.4	**	**	**	**	**	27.5
Table Tennis	33.1	22.4	18.6	* 8.1	* 5.6	**	90.1
Tennis	98.5	81.8	90.1	39.8	21.1	* 7.1	338.4
Ten Pin Bowling	52.7	50.0	23.0	* 9.5	* 3.2	**	139.4
Volleyball	39.6	* 9.9	**	**	**	**	53.9
Other sports	131.1	77.2	51.6	20.0	* 6.8	**	289.5

TABLE 7. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY WHETHER BORN IN AUSTRALIA BY SEX, VICTORIA

('000)

Main sports participated in	Born in Australia			Born Overseas			Total		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Athletics	39.5	31.9	71.4	* 5.2	* 7.8	12.9	44.7	39.7	84.3
Australian Rules									
Football	116.1	* 6.2	122.3	* 8.4	**	* 8.6	124.4	* 6.5	130.9
Badminton	22.5	22.3	44.8	* 7.0	* 3.1	* 10.2	29.5	25.4	54.9
Basketball	62.5	59.3	121.8	11.3	* 6.7	18.0	73.8	66.0	139.8
Billiards/Snooker/Pool	66.5	23.5	90.1	28.3	* 7.1	35.4	94.8	30.6	125.4
Bowls (Indoor)	* 8.0	19.1	27.1	* 3.7	**	* 6.1	11.6	21.5	33.2
Bowls (Lawn)	42.7	30.0	72.6	* 7.3	**	* 10.0	50.0	32.6	82.6
Cricket	82.4	* 8.1	90.6	16.9	**	16.9	99.3	* 8.1	107.5
Cricket (Indoor)	61.0	36.7	97.7	* 10.4	**	12.9	71.5	39.2	110.6
Darts	22.8	* 7.2	30.0	* 10.1	**	11.3	32.9	* 8.4	41.3
Golf	234.9	71.4	306.3	50.0	* 8.2	58.2	284.9	79.5	364.4
Hockey	17.7	* 8.8	26.5	* 3.1	* 3.1	* 6.2	20.8	11.9	32.7
Netball	16.5	125.6	142.1	**	15.5	16.8	17.8	141.1	159.0
Soccer	21.8	* 5.3	27.1	25.8	* 4.2	30.0	47.6	* 9.5	57.1
Squash	82.2	62.6	144.8	33.6	11.2	44.8	115.8	73.8	189.6
Swimming									
(competitive)	13.3	* 10.7	24.0	**	* 3.5	* 3.5	13.3	14.2	27.5
Table Tennis	37.6	23.4	61.0	22.4	* 6.6	29.0	60.0	30.1	90.1
Tennis	128.3	161.0	289.3	31.2	17.9	49.0	159.5	178.9	338.4
Ten Pin Bowling	54.8	55.2	110.0	14.6	14.8	29.3	69.4	70.0	139.4
Volleyball	21.2	22.4	43.6	**	* 7.7	* 10.3	23.9	30.0	53.9
Other sports	154.5	77.3	231.8	46.0	11.7	57.7	200.5	89.0	289.5

TABLE 8. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY HOW SPORT WAS ORGANISED, VICTORIA

('000)

Main sports participated in	Club/Association	Workplace/school	Not organised
Athletics	24.6	57.0	* 5.8
Australian Rules			
Football	101.0	28.8	* 4.5
Badminton	28.1	19.7	* 9.0
Basketball	86.2	46.8	* 9.5
Billiards/Snooker/Pool	23.2	11.0	92.2
Bowls (Indoor)	29.7	**	* 3.7
Bowls (Lawn)	80.9	**	**
Cricket	76.4	22.6	* 9.8
Cricket (Indoor)	44.7	29.9	37.0
Darts	20.0	* 3.8	17.6
Golf	140.7	28.8	201.0
Hockey	15.8	17.8	**
Netball	111.7	35.8	15.5
Soccer	23.7	21.9	11.5
Squash	48.0	25.4	116.6
Swimming			
(competitive)	* 5.5	20.1	**
Table Tennis	* 10.8	21.2	59.1
Tennis	152.6	39.0	152.1
Ten Pin Bowling	30.9	18.0	89.6
Volleyball	16.2	33.2	* 6.5
Other sports	189.2	65.4	50.9

TABLE 9. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY FREQUENCY OF TRAINING FOR SPORT, VICTORIA

('000)

Main sports participated in	More than once a week	Once per week or less	Did not train/Not applicable (a)	Total
Athletics	22.1	13.1	49.1	84.3
Australian Rules				
Football	64.7	24.4	41.8	130.9
Badminton	* 5.8	* 5.1	44.1	54.9
Basketball	13.1	26.5	100.3	139.8
Billiards/Snooker/Pool	* 5.5	* 4.7	115.1	125.4
Bowls (Indoor)	**	* 3.3	29.1	33.2
Bowls (Lawn)	19.0	14.6	49.0	82.6
Cricket	43.1	26.0	38.4	107.5
Cricket (Indoor)	* 3.4	* 6.6	102.6	110.6
Darts	* 4.5	**	34.3	41.3
Golf	* 8.4	28.7	327.3	364.4
Hockey	15.0	* 5.3	12.4	32.7
Netball	14.5	35.6	108.9	159.0
Soccer	16.0	* 9.5	31.6	57.1
Squash	* 10.6	17.5	161.5	189.6
Swimming (competitive)	* 6.9	* 5.6	15.0	27.5
Table Tennis	**	**	86.0	90.1
Tennis	12.6	50.8	275.0	338.4
Ten Pin Bowling	**	* 3.4	134.4	139.4
Volleyball	**	* 6.2	47.7	53.9
Other sports	73.0	47.1	187.9	289.5

(a) Persons who played sport only as part of PE program at school.

TABLE 10. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY FREQUENCY OF PARTICIPATION, VICTORIA

('000)

Main sports participated in	More than once a week	Once per week	Less than once per week	Not applicable (a)	Total
Athletics	* 4.0	14.1	38.2	28.0	84.3
Australian Rules					
Football	* 8.5	97.8	19.1	* 5.5	130.9
Badminton	* 4.7	32.1	* 5.2	13.1	54.9
Basketball	19.5	81.9	14.6	23.8	139.8
Billiards/Snooker/Pool	16.3	34.4	74.0	**	125.4
Bowls (Indoor)	* 9.9	16.9	* 6.4	**	33.2
Bowls (Lawn)	43.2	28.9	* 10.5	**	82.6
Cricket	* 7.0	71.2	16.9	12.4	107.5
Cricket (Indoor)	11.4	75.6	16.8	* 6.9	110.6
Darts	* 8.2	20.9	12.2	**	41.3
Golf	43.9	82.7	236.9	**	364.4
Hockey	**	22.1	**	* 5.3	32.7
Netball	36.0	98.5	* 11.0	13.5	159.0
Soccer	**	26.8	17.1	* 10.8	57.1
Squash	23.9	79.6	72.8	13.3	189.6
Swimming (competitive)	**	**	15.2	* 8.1	27.5
Table Tennis	16.0	22.9	44.2	* 6.9	90.1
Tennis	35.2	166.0	118.2	18.1	338.4
Ten Pin Bowling	* 9.1	31.9	88.8	* 9.6	139.4
Volleyball	**	22.6	* 5.2	23.8	53.9
Other sports	25.6	101.7	150.7	34.7	289.5

(a) Persons who played sport only as part of PE program at school.

TABLE 11. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY WHEN PARTICIPATION OCCURRED(a), VICTORIA

('000)					
Main sports participated in	Weekends	Weeknights	Weekdays	Not applicable (b)	Total
Athletics	25.9	12.1	25.3	28.0	84.3
Australian Rules					
Football	111.3	11.6	13.5	* 5.5	130.9
Badminton	13.5	23.2	13.1	13.1	54.9
Basketball	31.1	84.5	19.6	23.8	139.8
Billiards/Snooker/Pool	67.9	77.6	30.7	**	125.4
Bowls (Indoor)	* 8.8	15.7	19.6	**	33.2
Bowls (Lawn)	62.8	* 9.9	51.5	**	82.6
Cricket	90.5	**	* 8.4	12.4	107.5
Cricket (Indoor)	40.0	87.0	11.1	* 6.9	110.6
Darts	14.4	29.0	* 8.4	**	41.3
Golf	266.6	32.2	176.4	**	364.4
Hockey	20.4	* 6.0	* 4.9	* 5.3	32.7
Netball	45.4	98.5	31.5	13.5	159.0
Soccer	35.7	* 9.4	11.3	* 10.8	57.1
Squash	42.7	132.6	27.9	13.3	189.6
Swimming (competitive)	* 8.1	* 5.0	11.1	* 8.1	27.5
Table Tennis	39.4	38.3	39.8	* 6.9	90.1
Tennis	203.3	100.3	111.3	**	338.4
Ten Pin Bowling	67.2	58.5	19.1	* 9.6	139.4
Volleyball	* 5.3	15.2	12.3	23.8	53.9
Other sports	201.7	73.6	50.4	34.7	289.5

(a) People may participate during more than one of time of the week. (b) Persons who played sport only as part of PE program at school.

TABLE 12. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY MONTH IN WHICH PARTICIPATION OCCURRED, VICTORIA

('000)											
Main sports participated in	November	December	January	February	March	April	May	June	July	August	September
Athletics	25.2	17.0	17.2	21.5	18.0	14.5	* 6.9	* 7.4	* 9.6	11.4	18.1
Australian Rules											
Football	* 8.0	* 7.0	11.7	23.3	56.2	94.6	109.7	106.4	104.1	103.0	60.7
Badminton	14.7	14.1	15.1	18.8	20.6	19.6	22.9	25.9	27.7	28.3	25.9
Basketball	69.5	59.9	40.3	67.7	74.6	71.5	77.1	76.6	75.8	75.4	66.6
Billiards/Snooker/Pool	60.8	66.1	63.5	74.1	77.7	75.3	80.6	77.5	78.8	80.9	80.8
Bowls (Indoor)	12.9	11.7	* 9.8	* 10.5	13.8	17.4	26.3	25.7	23.4	22.4	17.7
Bowls (Lawn)	70.9	70.0	69.9	69.7	69.4	49.3	15.0	* 8.0	* 9.3	11.4	52.1
Cricket	72.2	77.6	75.9	79.2	58.8	* 6.4	**	**	**	* 3.9	11.6
Cricket (Indoor)	52.8	52.6	47.2	54.6	62.9	56.9	58.8	58.2	58.5	54.5	49.1
Darts	23.2	22.0	24.4	26.2	27.0	26.3	27.2	27.9	30.9	27.6	29.8
Golf	216.2	225.4	236.6	246.8	248.5	239.0	209.9	208.2	192.1	199.8	210.6
Hockey	* 4.3	**	* 4.1	* 6.2	* 10.9	19.3	21.7	23.1	22.6	15.9	* 8.8
Netball	72.4	48.9	39.8	64.1	77.6	94.3	101.6	98.7	101.9	93.7	78.6
Soccer	* 10.1	* 8.3	12.2	16.7	26.2	27.9	29.9	31.4	28.8	28.3	26.1
Squash	87.3	89.5	89.3	109.3	113.0	107.6	98.4	99.5	97.5	103.7	103.7
Swimming (competitive)	* 6.8	* 6.8	* 4.9	* 10.9	* 7.2	* 4.1	**	**	**	**	* 4.8
Table Tennis	29.4	42.6	40.9	31.6	40.8	40.8	39.6	37.5	37.5	35.6	43.2
Tennis	204.7	202.5	219.2	225.9	211.1	165.5	148.3	144.9	140.6	137.4	163.3
Ten Pin Bowling	43.4	42.3	51.3	52.8	46.4	55.4	52.5	58.1	58.5	55.5	52.8
Volleyball	* 4.7	* 4.1	**	* 8.6	13.9	17.6	15.2	14.7	16.4	16.2	14.8
Other sports	139.5	131.0	128.0	147.3	158.5	126.5	114.0	119.9	116.5	126.0	129.7

TABLE 13. NUMBER AND PERCENT OF PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY WHETHER A MEMBER OF A CLUB/ASSOCIATION, VICTORIA

Main sports participated in	('000)							
	Yes		No		Not applicable (a)		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Athletics	15.5	18.3	40.9	48.5	28.0	33.2	84.3	100.0
Australian Rules								
Football	93.0	71.0	32.5	24.8	* 5.5	* 4.2	130.9	100.0
Badminton	28.7	52.3	13.2	23.9	13.1	23.8	54.9	100.0
Basketball	77.5	55.4	38.5	27.5	23.8	17.0	139.8	100.0
Billiards/Snooker/Pool	16.9	13.5	107.8	86.0	**	**	125.4	100.0
Bowls (Indoor)	25.1	75.6	* 8.1	* 24.4	**	**	33.2	100.0
Bowls (Lawn)	76.7	92.9	* 5.8	* 7.1	**	**	82.6	100.0
Cricket	74.8	69.6	20.2	18.8	12.4	11.5	107.5	100.0
Cricket (Indoor)	43.7	39.5	60.0	54.2	* 6.9	* 6.2	110.6	100.0
Darts	19.1	46.1	22.3	53.9	**	**	41.3	100.0
Golf	147.0	40.3	216.5	59.4	**	**	364.4	100.0
Hockey	16.5	50.5	* 10.9	* 33.2	* 5.3	* 16.3	32.7	100.0
Netball	100.7	63.4	44.8	28.2	13.5	8.5	159.0	100.0
Soccer	22.4	39.2	24.0	42.0	* 10.8	* 18.8	57.1	100.0
Squash	39.8	21.0	136.5	72.0	13.3	7.0	189.6	100.0
Swimming (competitive)	* 4.9	* 18.0	14.4	52.5	* 8.1	* 29.6	27.5	100.0
Table Tennis	* 5.9	* 6.6	77.3	85.8	* 6.9	* 7.6	90.1	100.0
Tennis	147.7	43.7	172.5	51.0	18.1	5.4	338.4	100.0
Ten Pin Bowling	33.0	23.7	96.8	69.4	* 9.6	* 6.9	139.4	100.0
Volleyball	11.1	20.5	19.0	35.3	23.8	44.2	53.9	100.0
Other sports	167.5	57.8	102.6	35.5	34.7	12.0	289.5	100.0

(a) Persons who played sport only as part of PE program at school.

Expenditure on Sports

TABLE 14. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY EXPENDITURE ON SPORTS CLOTHING AND EQUIPMENT, VICTORIA

('000)

Main sports participated in	No cost	Less than 50	50-99	100-199	200 or more	Don't know/not applicable(a)	Total
Athletics	29.0	**	12.1	* 6.1	* 7.0	29.1	84.3
Australian Rules							
Football	43.3	* 9.4	25.7	33.7	13.0	* 5.8	130.9
Badminton	20.5	* 8.1	* 3.0	* 6.5	* 3.1	13.7	54.9
Basketball	39.9	20.6	21.6	19.5	12.0	26.2	139.8
Billiards/Snooker/Pool	111.6	* 4.0	* 3.3	**	**	**	125.4
Bowls (Lawn)	38.3	* 8.4	11.6	13.5	* 9.1	**	82.6
Cricket	32.8	* 7.3	18.8	13.4	22.2	13.0	107.5
Cricket (Indoor)	64.3	15.5	13.6	11.4	**	* 7.8	110.6
Darts	28.0	* 6.4	* 6.9	**	**	**	41.3
Golf	171.8	36.7	33.7	35.5	81.1	* 5.7	364.4
Netball	56.3	35.8	28.2	17.8	* 6.0	14.9	159.0
Soccer	27.0	* 4.2	* 4.5	* 6.0	* 4.6	* 10.8	57.1
Squash	94.4	18.4	27.6	18.4	16.7	14.1	189.6
Table Tennis	68.3	11.1	**	**	**	* 6.9	90.1
Tennis	142.3	26.0	44.9	60.7	44.0	20.5	338.4
Ten Pin Bowling	112.5	**	* 7.6	* 5.5	**	* 9.6	139.4
Volleyball	22.2	* 5.0	**	**	**	25.0	53.9
Other sports	158.1	34.3	41.4	41.7	68.4	51.0	358.3

(a) Persons who played sport only as part of PE program at school.

TABLE 15. PERSONS WHO PARTICIPATED IN SPORT : MAIN SPORTS PARTICIPATED IN BY TOTAL ANNUAL COST(a) OF SPORTS PARTICIPATION, VICTORIA

('000)

Main sports participated in	No cost	Less than 100	100-199	200-399	400 or more	Don't know/not applicable(b)	Total
Athletics	13.7	12.0	* 4.4	* 6.4	18.8	29.1	84.3
Australian Rules							
Football	* 3.5	* 5.5	12.4	* 6.8	95.7	* 7.0	130.9
Badminton	**	* 10.7	* 9.8	* 4.2	14.1	14.3	54.9
Basketball	* 6.6	32.3	19.9	17.2	36.7	27.2	139.8
Billiards/Snooker/Pool	36.6	21.0	* 7.1	* 6.9	51.3	**	125.4
Bowls (Lawn)	**	* 8.5	23.7	25.9	19.9	* 3.6	82.6
Cricket	* 7.3	* 7.9	11.8	15.1	49.2	16.1	107.5
Cricket (Indoor)	* 9.5	31.1	13.7	25.4	20.0	* 11.0	110.6
Darts	* 5.8	* 9.1	* 5.3	* 3.6	17.2	**	41.3
Golf	73.0	61.0	38.5	51.4	131.9	* 8.6	364.4
Netball	* 6.4	38.9	29.2	20.2	49.4	14.9	159.0
Soccer	* 6.0	* 6.0	**	**	32.8	* 10.8	57.1
Squash	29.2	44.1	18.4	42.1	40.1	15.7	189.6
Table Tennis	25.7	* 6.4	* 3.9	**	46.5	* 6.9	90.1
Tennis	42.9	47.8	30.8	38.2	154.0	24.5	338.4
Ten Pin Bowling	68.0	16.8	* 8.9	* 9.8	27.0	* 9.6	139.4
Volleyball	* 4.6	* 8.6	* 4.4	**	* 10.4	25.0	53.9
Other sports	40.0	72.7	34.7	31.0	162.4	58.1	358.3

(a) Total annual cost includes session costs, club/association membership fees and cost of clothing and equipment. (b) Persons who played sport only as part of PE program at school.

Non-participation in Sports

TABLE 16. NUMBER AND PERCENT OF PERSONS WHO DID NOT PARTICIPATE IN SPORT : REASONS FOR NON-PARTICIPATION IN ANY SPORT BY SEX, VICTORIA

('000)

Reasons for non-participation in any sport	Males		Females		Persons	
	Number	Percent(a)	Number	Percent(a)	Number	Percent(a)
Lack of sports facilities	* 6.5	* 0.8	* 10.0	* 0.9	16.5	0.9
No time/too busy	320.4	39.9	396.3	35.3	716.7	37.2
Expense/cost	* 9.3	* 1.2	21.1	1.9	30.4	1.6
No childcare facilities	**	**	18.2	1.6	18.2	0.9
Times inconvenient	* 8.4	* 1.0	15.6	1.4	24.0	1.2
Injury/illness	111.6	13.9	115.9	10.3	227.5	11.8
Pregnancy	**	**	26.4	2.4	27.0	1.4
Don't like sport/not interested	232.2	28.9	431.6	38.4	663.8	34.5
Physical handicap	25.1	3.1	26.2	2.3	51.3	2.7
Too old	135.3	16.9	174.8	15.6	310.0	16.1
Other	37.2	4.6	45.7	4.1	82.9	4.3

(a) Percent columns refer to the total number of persons in the category above.

TABLE 17. NUMBER AND PERCENT OF PERSONS WHO DID NOT PARTICIPATE IN SPORT : REASONS FOR NON-PARTICIPATION IN ANY SPORT BY AREA OF USUAL RESIDENCE, VICTORIA

('000)

Reasons for non-participation in any sport	Melbourne Statistical Division		Rest of Victoria		Total	
	Number	Percent(a)	Number	Percent(a)	Number	Percent(a)
Lack of sports facilities	* 7.5	* 0.5	* 8.9	* 1.7	16.5	0.9
No time/too busy	526.0	37.5	190.7	36.6	716.7	37.2
Expense/cost	24.7	1.8	* 5.7	* 1.1	30.4	1.6
No childcare facilities	12.5	0.9	* 5.7	* 1.1	18.2	0.9
Times inconvenient	13.5	1.0	* 10.5	* 2.0	24.0	1.2
Injury/illness	153.4	10.9	74.1	14.2	227.5	11.8
Pregnancy	18.2	1.3	* 8.8	* 1.7	27.0	1.4
Don't like sport/not interested	482.7	34.4	181.1	34.7	663.8	34.5
Physical handicap	33.2	2.4	18.1	3.5	51.3	2.7
Too old	225.9	16.1	84.1	16.1	310.0	16.1
Other	64.2	4.6	18.8	3.6	82.9	4.3

(a) Percent columns refer to the total number of persons in the category above.

Spectator Sports

TABLE 18. NUMBER AND PERCENT OF PERSONS : SPORTS ATTENDED WHERE ADMISSION CHARGED BY SEX, VICTORIA

('000)

Sports attended where admission charged	Males		Females		Persons	
	Number	Percent	Number	Percent	Number	Percent
Athletics	* 10.9	* 50.2	* 10.9	* 49.8	21.8	100.0
Australian Rules						
Football	599.8	63.3	347.2	36.7	947.0	100.0
Basketball	119.3	48.5	126.8	51.5	246.1	100.0
Boxing	16.9	86.3	**	**	19.6	100.0
Cricket	173.5	69.1	77.6	30.9	251.1	100.0
Cricket (Indoor)	* 3.9	* 32.1	12.4	67.9	18.2	100.0
Equestrian sports	41.9	51.2	40.0	48.8	81.9	100.0
Golf	48.9	69.2	21.7	30.8	70.6	100.0
Marital Arts (competitive)	11.9	51.4	11.3	48.6	23.2	100.0
Motor sports	95.7	70.8	39.5	29.2	135.2	100.0
Netball	* 7.0	* 15.5	38.0	84.5	45.0	100.0
Soccer	67.4	74.5	23.1	25.5	90.5	100.0
Swimming (competitive)	* 6.7	* 26.7	18.4	73.3	25.1	100.0
Tennis	63.0	42.7	84.7	57.3	147.7	100.0

TABLE 19. PERSONS : SPORTS ATTENDED WHERE ADMISSION CHARGED BY FAMILY RELATIONSHIP, VICTORIA

('000)

Sports attended where admission charged	Husband with children 0-14	Wife with children 0-14	Husband without children 0-14	Wife without children 0-14	Single head with children 0-14	Person living alone	Other	Not determined	Total
Australian Rules									
Football	174.2	92.5	166.0	111.6	17.7	65.2	296.9	22.9	947.0
Basketball	35.6	37.2	26.1	30.3	* 3.8	13.8	94.5	* 4.9	246.1
Cricket	43.7	17.4	35.6	22.4	* 4.4	16.0	106.0	* 5.6	251.1
Equestrian sports	* 9.5	* 10.1	16.6	14.1	**	* 6.6	23.6	**	81.9
Golf	15.1	**	17.9	* 10.1	**	* 5.6	17.5	**	70.6
Motor sports	31.2	* 8.1	15.9	12.7	* 3.2	* 8.4	53.7	**	135.2
Soccer	18.6	* 10.1	32.4	* 4.1	**	**	19.1	**	90.5
Tennis	14.4	16.6	19.0	29.6	**	11.3	50.8	* 4.0	147.7

TABLE 20. NUMBER AND PERCENT OF PERSONS : SPORTS ATTENDED WHERE NO ADMISSION CHARGED BY SEX, VICTORIA

Sports attended where no admission charged	('000)					
	Males		Females		Persons	
	Number	Percent	Number	Percent	Number	Percent
Athletics	49.3	42.4	66.9	57.6	116.2	100.0
Australian Rules						
Football	161.1	58.7	113.3	41.3	274.4	100.0
Badminton	* 7.1	* 33.8	13.9	66.2	21.0	100.0
Baseball	12.3	45.0	15.0	55.0	27.4	100.0
Basketball	71.6	47.8	78.1	52.2	149.7	100.0
Billiards/Snooker/Pool	14.1	64.2	* 7.8	* 35.8	21.9	100.0
Bowls (Lawn)	18.4	56.3	14.3	43.7	32.7	100.0
Cricket	99.8	54.4	83.6	45.6	183.4	100.0
Cricket (Indoor)	28.7	36.0	51.2	64.0	79.9	100.0
Golf	20.7	42.9	27.6	57.1	48.4	100.0
Hockey	17.3	50.3	17.1	49.7	34.4	100.0
Netball	56.2	31.7	121.0	68.3	177.2	100.0
Rowing	16.8	73.8	* 5.9	* 26.2	22.7	100.0
Soccer	57.0	56.0	44.8	44.0	101.8	100.0
Softball	* 8.9	* 32.1	18.9	67.9	27.8	100.0
Squash	22.4	46.0	26.2	54.0	48.6	100.0
Swimming						
(competitive)	15.0	32.7	30.9	67.3	45.9	100.0
Tennis	52.3	44.7	64.7	55.3	116.9	100.0
Ten Pin Bowling	18.4	42.1	25.3	57.9	43.7	100.0
Volleyball	12.9	46.0	15.1	54.0	28.0	100.0
Yachting (competitive)	11.9	53.1	* 10.5	* 46.9	22.3	100.0

TABLE 21. PERSONS : SPORTS ATTENDED WHERE NO ADMISSION CHARGED BY FAMILY RELATIONSHIP, VICTORIA

Sports attended where no admission charged	('000)							
	Husband with children 0-14	Wife with children 0-14	Husband without children 0-14	Wife without children 0-14	Single head with children 0-14	Person living alone	Other	Not determined
								Total
Athletics	17.7	31.6	* 8.8	15.3	* 4.6	* 4.9	29.6	* 3.6
Australian Rules								116.2
Football	49.5	38.3	40.5	24.8	* 7.6	15.9	90.1	* 7.7
Basketball	23.1	30.3	* 7.8	* 7.3	* 3.9	* 7.3	67.0	* 3.1
Cricket	29.1	29.9	25.1	21.7	* 3.7	12.7	55.1	* 6.0
Netball	19.1	46.5	11.8	25.2	* 5.6	* 7.5	58.2	* 3.4
Soccer	19.6	14.2	13.8	17.0	**	**	29.6	**
Tennis	20.6	24.2	13.6	* 10.3	* 4.8	* 7.4	34.3	**

■■■■■ NOW AVAILABLE ■■■■■



SPORTS PARTICIPATION SURVEY SPECIAL DATA SERVICE

The Sports Participation Survey provides information on participation in sport in Victoria for the twelve months to October 1989. A customised data service is now being offered to meet individual data requirements.

Up to 50 sports have been covered in detail. A package can be prepared for your sport covering the following items:

- * Capacity of participation (eg coach, player)
- * How sport organised
- * Whether a club/association member
- * Training - when in week/frequency/length per session
- * Participation - when in week/frequency/length per session/time of year
- * Cost - per session/club membership fees/clothing and equipment
- * Whether school sport in team or part of PE program
- * Attendance where admission paid
- * Attendance where no admission paid

Other topics covered by the Sports Participation Survey include :

- * Whether participated in sport
- * Sports participated in
- * Reasons for non-participation in sport
- * Sports would like to take up
- * Sports dropped in last 12 months

Listed below are some of the person items for which data from the Sports Participation Survey are available :

- * Sex
- * Age
- * Marital Status
- * Family Relationship
- * Country of Birth
- * Melbourne Statistical Division/Rest of Victoria
- * Labour Force Region
- * Employment status
- * Industry

It is recommended that you contact the Statistical Services area of ABS Victoria to discuss your data requirements from the Sports Participation Survey. Please contact Paul Taylor on (03) 615 7365.

EXPLANATORY NOTES

Introduction

This publication summarises the results of a survey concerning sports participation which was conducted throughout Victoria in October 1989 as a supplement to the Australia-wide Monthly Population Survey. The supplementary survey was carried out at the request of the Victorian Department of Sport and Recreation.

2 Information was collected about what sports Victorians aged 15 years and over participated in during the 12 month period from November 1988 to October 1989. Other information collected includes how sport was organised; level of involvement; length, frequency and occurrence of training and participation; club membership and its cost; expenditure on sport; reasons for no involvement in any sport; trends in sports participation; sports attended as spectators where admission charged and where no admission charged.

Monthly Population Survey

Survey design

3 The Monthly Population Survey is based on a multi-stage sample of private and non-private dwellings. The sample covers about two-thirds of one per cent of the civilian population of Australia and includes about one-half of one per cent of Victoria's population. Information is obtained from the occupants of selected dwellings by personal interview.

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

Scope

5 All persons aged 15 years and over are included in the Labour Force Survey except:

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

Supplementary survey

Survey design

6 The Supplementary survey was conducted using the sample of private and non-private dwellings in Victoria that were included in the Monthly Population Survey. This provided a sample of approximately 5,000 dwellings where a full response was obtained. Information was collected by personal interview of randomly selected persons aged 15 years and over.

Scope

7 All households which were in scope for the Monthly Population Survey were included in this survey.

Definitions

8 **Competitive/ Non-competitive sport** For the purpose of this survey a clear distinction had to be made between sport and other physical recreation. To achieve this, sport has been defined as "physical activities which are performed either individually or as part of a team, in accordance with a common code of conduct (ie. rules)". Some physical activities (eg swimming, skiing, and canoeing) will be classified as sport when following a set of rules and playing competitively, but will be considered out of scope on other occasions, such as when done for fitness or leisure.

9 **Participant** Includes anyone who engaged in sport as a player/competitor, coach, trainer, paid or unpaid official (referee, umpire, judge, adjudicator, linesperson...), administrator or volunteer; but excludes spectating.

10 **Organised Sport** Those sporting activities which were arranged through a sports organisation. Usually consists of being part of an organised competition.

11 **Social or Informal Sport** Those sporting activities which were arranged on an informal basis and were not part of a formal organised competition.

12 **Family relationship** "Other" relationship includes children aged 15 years and over, relatives of a married couple or family head, and persons not a family member who are a usual resident of the household. Relationship "not determined" refers to persons in families where at least one member of the family is out of scope for the survey (eg head in the armed forces). (Tables 4, 19 and 21)

13 **Number of sports per individual** A person could be counted in up to 5 sports on a given table. (Tables 5-15).

14 **Infrequent sport session costs** The cost per session was not included for persons who participated in a sport less than once per month. Such participants may therefore have under-enumerated total annual costs of sports participation. However, the clothing, equipment, and club membership costs of such participants are included in the annual costs figure. (Table 15)

15 A special table generation facility is now available. A data item list, available on request, specifies populations and variables which can then be used to generate required tables. For more information see page 17.

16 Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error of an estimate. A standard error table is provided on page 21 of this publication.

Related publications

17 The ABS produces a wide range of publications relating to the Labour Force Survey. Other ABS publications which relate to the survey topic include:

The Labour Force, Australia (6203.0) (\$13.00)

A Guide to Labour Statistics (6102.0) (\$3.60)

The Labour Force, Victoria (6202.2) (\$12.50)

Current publications produced by the ABS are listed in the Catalogue of Publications, Australia (1101.0), which is available free of charge from any ABS office.

Previous State Supplementary surveys

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

1983: *Housing, Victoria* (8790.2)

1984: *Travel to Work, School and Shops, Victoria* (9201.2)

1985: *Domiciliary Services, Victoria* (4402.2)

1986: *Water using Appliances, Victoria* (8709.2)

1987: *Crime and Crime Prevention, Victoria* (4507.2)

1988: *Type and Conditions of Part-time Employment, Victoria* (6304.2) (\$12.50)

Symbols and other usages

* estimate is subject to a relative standard error of between 25 and 50 per cent.

** estimate is subject to sampling variability too high for most practical purposes (more than 50 per cent). Refer to the Technical Notes at the end of this publication.

R.A. CROCKETT

Deputy Commonwealth Statistician

TECHNICAL NOTES

The figures contained in this publication are estimates based on a sample of approximately 5,000 households in Victoria in October 1989.

Reliability of the estimates

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

Sampling error

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

Non-sampling error

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

Interpretation of results

5. As the estimates are based on a sample, they are subject to sampling variability. In addition, the estimates may be subject to reporting errors and inconsistencies which include:

- (a) recall errors for the questions relating to which sports were participated in over a 12 month period.
- (b) recall errors regarding expenditure on sport over the 12 month period.

Estimates of sampling error

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

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

8. A standard error expressed as a percentage of the estimate is known as the 'relative standard error'. For example, if an estimate of 4,500 persons has a standard error of 1125, then the estimate has a relative standard error of $1125/4500 \times 100 = 25$ per cent. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling.

9. Estimates below 3,000 persons are excluded from this publication and are replaced with two asterisks (**) because they are subject to high relative standard error (more than 50 per cent). Although figures for these small components can in some cases be derived by subtraction they should not be regarded as reliable.

10. Estimates between 3,000 and 11,000 persons have been included in this publication preceded by an asterisk, e.g. *3.6. This is to highlight the need for care in using the data because of the high relative standard error (between 25 and 50 per cent).

11. An example of the calculation on use of standard errors is as follows. From Table 1 we see that in October 1989 there were 132,000 males aged 15-19 years participating in sport. Referring to Table A (on page 21), an estimate of 132,000 has a standard error of approximately 7,700. There are therefore two chances in three that the number that would have been produced if all persons had been included in the survey lies in the range $132,000 - 7,700 = 124,300$ and $132,000 + 7,700 = 139,700$. There are nineteen chances in twenty that the number lies in the range $132,000 - 15,400 = 116,600$ and $132,000 + 15,400 = 147,400$.

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

TABLE A. STANDARD ERROR OF ESTIMATES (a),
SPORTS PARTICIPATION VICTORIA OCTOBER 1989

Size of estimate (⁰ 000)	Standard error of estimate (⁰ 000)	Relative standard error (Per cent)	There are about two chances in three that the actual population figure will fall in the range (b) (⁰ 000)	There are about nineteen chances in twenty that the actual population figure will fall in the range (b) (⁰ 000)
3.0	1.5	49.7	1.5 - 4.5	0 - 6.0
3.5	1.6	45.9	1.9 - 5.1	0.3 - 6.7
4.0	1.7	42.8	2.3 - 5.7	0.6 - 7.4
4.5	1.8	40.2	2.7 - 6.3	0.9 - 8.1
5.0	1.9	38.0	3.1 - 6.9	1.2 - 8.8
6.0	2.0	34.5	3.9 - 8.0	1.9 - 10.0
10.0	2.6	26.2	7.4 - 12.6	4.8 - 15.2
20.0	3.5	17.8	16.4 - 23.5	12.9 - 27.1
30.0	4.2	14.2	25.7 - 34.2	21.5 - 38.5
40.0	4.8	12.0	35.2 - 44.8	30.4 - 49.6
50.0	5.3	10.6	44.7 - 55.3	39.4 - 60.6
100.0	7.0	7.0	93.0 - 107.0	86.0 - 114.0
200.0	9.2	4.6	190.8 - 209.2	181.6 - 218.4
300.0	10.7	3.6	289.3 - 310.7	278.6 - 321.4
400.0	11.9	3.0	388.1 - 411.9	376.2 - 423.8
500.0	12.9	2.6	487.1 - 512.9	474.2 - 525.8
1,000.0	16.5	1.7	983.5 - 1,016.5	967.0 - 1,033.0
2,000.0	20.9	1.0	1,979.1 - 2,020.9	1,958.2 - 2,041.8
5,000.0	27.9	0.6	4,972.1 - 5,027.9	4,944.2 - 5,045.8

(a) These figures have been rounded. (b) These figures have been calculated using the non-rounded figures.



MELBOURNE STATISTICAL DIVISION
Statistical Local Areas

Sports Participation

Victoria

© Commonwealth of Australia 1990

Recommended retail price: \$10.00



2041182010898

ISBN 0-642-15570-4