Report to Recreation and Sport Industry Statistics Group

Household Expenditure on Sports, Physical Recreation and Other Leisure, Australia

1998-99

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INTRODUCTION.....

This report presents results from the Household Expenditure Survey conducted by the Australian Bureau of Statistics (ABS) during 1998–99. The survey collected detailed information about the expenditure and income of households resident in private dwellings throughout Australia. The report provides details of the expenditure, by various categories of households, on sports and physical recreation products and also on other leisure products during 1998–99. It also provides a summary comparison at constant prices of 1998–99 data with the equivalent figures for expenditure on sports, physical recreation and other leisure products from the 1993–94 Household Expenditure Survey.

It is expected that the next Household Expenditure Survey will be conducted during 2003–04, with a publication released in mid 2005. Further surveys are expected to be conducted on approximately a five-yearly basis.

The Household Expenditure Survey collects information about expenditure by households rather than expenditure by individuals because some purchases (e.g. furniture, white goods and home entertainment equipment) are for the benefit of everyone in a household and so cannot be attributed in any meaningful way to any particular member of that household.

The results of the survey do not show the total demand for sports, physical recreation and other leisure products in Australia, because its scope is limited to expenditure by households for private purposes. Sports, physical recreation and other leisure products are also purchased by businesses, governments and international tourists.

The expenditure data collected in the 1998–99 survey were categorised using the Household Expenditure Classification, details of which are published in *Household Expenditure Survey, Australia: User Guide, 1998–99* (ABS cat. no. 6527.0). The product *Classification of the Australian Culture and Leisure Classifications (ACLC)* (ABS cat. no. 4902.0) was used as a guide to determine which of the Household Expenditure Classification categories were predominantly related to Sports and physical recreation, and which to Other leisure. Because there is not an exact correspondence between the categories of the two classifications, there are minor instances of in-scope products being excluded from the data presented in this report and vice versa. See paragraphs 4 and 5 of the Explanatory Notes for further detail.

MAIN FEATURES

During 1998–99, households in Australia spent \$4,096.4m on selected sports and physical recreation products. A little under half of this expenditure (\$1,968.3m) was for Sports and physical recreation services, while \$1,630.4m was spent on Sports, physical recreation and camping equipment, and \$493.9m on Sports and recreation vehicles.

EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS BY AUSTRALIAN HOUSEHOLDS—1998–99

• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • •
	Average	Total
	household expenditure	household expenditure
		,
	\$/week	\$m/year
•••••••••••••••••••••••••••••••••••••••	••••	• • • • • • • • • • •
Sports and recreational vehicles	1.33	493.9
Sports, physical recreation and camping equipment	4.39	1 630.4
Sports and physical recreation services	5.30	1 968.3
Total expenditure on selected sports and		
physical recreation products	11.03	4 096.4
•••••••••••••••••••••••••••••••••••••••		

In addition to the expenditure on sports and physical recreation, there was \$13,020.7m spent on selected other leisure products. Of this amount, 60% (\$7,799.1m) was for Food and beverage serving services. Gambling accounted for another \$2,154.0m while the remaining \$3,063.9m was spent on Miscellaneous other leisure products.

EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS BY AUSTRALIAN HOUSEHOLDS—1998–99

	Average household expenditure	Total household expenditure
	\$/week	\$m/year
	•••••	• • • • • • • • • • •
Food and beverage serving services	21.00	7 799.1
Gambling	5.80	2 154.0
Miscellaneous other leisure products	8.25	3 063.9
Total expenditure on selected other leisure products	35.06	1 3020.7
	••••••	

During 1998–99, Australian households spent, on average, \$11.03 per week on sports and physical recreation, and \$35.06 on other leisure. Weekly expenditure on sports and physical recreation was 1.6% of average weekly expenditure on all products. For other leisure, weekly expenditure was 5.0% of average weekly expenditure on all products.

The other leisure expense item recording the highest average weekly expenditure was Meals served in restaurants, hotels, clubs and related (\$14.51). This amount was 41.4% of the total for other leisure. For sports and physical recreation, expenditure was distributed more evenly amongst the individual expense items. The highest average weekly expenditure was the \$2.07 spent on Sports facility hire charges. This was 18.8% of the total for sports and physical recreation.

Between 1993–94 and 1998–99, average weekly expenditure at 1998–99 prices on selected other leisure products (excluding Meals served in restaurants, hotels, clubs and related) fell 5.1%. This resulted mainly from a fall in expenditure on Alcoholic beverages served in licensed premises. Over the same period, the constant price average weekly expenditure on selected sports and physical recreation products was virtually unchanged. However, this was the result of upward movements in some expenditure categories balancing the downward movements in others. Categories for which expenditure increased substantially were Boats, their parts and accessories (146.9%) and Sports lessons (74.0%). The categories which recorded a fall in expenditure were Sporting club subscriptions (35.1%), Sports and physical recreation equipment (21.4%) and Sports facility hire charges (15.2%).

PART A — SPORTS AND PHYSICAL RECREATION

1998–99 HOUSEHOLD EXPENDITURE ON SPORTS AND PHYSICAL RECREATION

During 1998–99, households in Australia spent an average of \$700.10 per week on goods and services (see table 1). Of this, \$11.03 (1.6%) was spent on the sports and physical recreation products detailed in table 1. About half (48.1% or \$5.30 per week) of this sports and physical recreation expenditure was on the Sports and physical recreation services which included Hire of sports equipment, Health and fitness studio charges, Sporting club subscriptions, Spectator admission fees to sport, Sports facility hire charges and Sports lessons. Households spent 39.8% (\$4.39 per week) of their sports and physical recreation expenditure on Sports, physical recreation and camping equipment. A further 12.1% (\$1.33 per week) of their sports and physical recreation expenditure was on Sports and recreation vehicles (i.e. Bicycles and Boats, their parts and accessories).

The highest expenditure was recorded for the following items: \$2.07 per week on Sports facility hire charges, \$1.29 on Swimming pools and \$1.21 on Boats, their parts and accessories.

Bicycles Boats, their parts and accessories Camping equipment Fishing equipment Golf equipment Sports or physical recreation footwear Swimming pools Other sports & physical recreation equipment Hire of sports equipment Health and fitness studio charges Sporting club subscriptions Spectator admission fees to sport Sports facility hire charges Sports lessons 1.5 0.0 0.5 1.0 2.0 2.5

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS—1998–99

The percentage of households which purchased each item can also be determined from the survey. For example, over the two-week enumeration period, 19.3% of Australian households incurred Sports facility hire charges, 5.1% purchased Other sports and physical recreation equipment, 5.1% paid Spectator admission fees to sport and 3.5% purchased Fishing equipment (see table 1).

Of the total expenditure by Australian households in 1998–99, \$4,096.4m was spent on the sports and physical recreation goods and services detailed in table 1. Of this expenditure \$1,968.3m was on Sports and physical recreation services, \$1,630.4m on Sports, physical recreation and camping equipment, and \$493.9m on Sports and recreation vehicles.

COMPARISON OF SPORTS AND PHYSICAL RECREATION OVER TIME.....

Changes in expenditure over time are a result of changes in prices (both in the general level of prices and the relative prices of different goods) and changes in quantities of goods purchased. People may pay more (or less) for items or collectively buy more (or less) of them for a variety of reasons, such as:

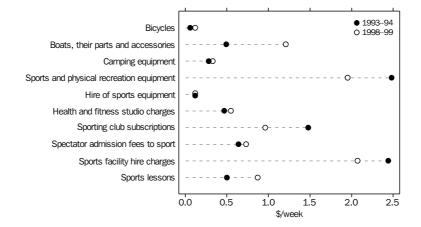
- changes in the quality of the product;
- the introduction of new products;
- changes in people's preferences;
- changes in the composition of the population (e.g. age, ethnicity, family size, etc.); and
- increases in the number of people and the number of households.

It is possible to adjust Household Expenditure Survey data for different years to eliminate the effect of price changes. This allows a better understanding of the change in demand over time for sports and physical recreation goods and services. The effect of price changes can be allowed for by adjusting the expenditure in each category by the relevant sub-group of the Consumer Price Index (CPI). Time series data presented in this report are in constant price terms; that is, goods and services for each period are valued at 1998–99 prices. However, these data should be treated with caution as the sub-groups in the CPI do not exactly correspond with the categories used in the Household Expenditure Surveys. As well, the CPI is only applicable to capital cities, whereas households across Australia are represented in the Household Expenditure Surveys.

Several changes to the expenditure classification used in the survey have affected the comparability of data between surveys. For example, the time series data presented in this report (see table 2) exclude expenditure on Sports and leisure footwear which were coded as part of General footwear in the 1993–94 survey. See paragraphs 6 to 9 of the Explanatory notes for further detail. While overall the changes are not large, comparing data over time should be undertaken with caution.

In-ground swimming pools were out of scope of the CPI for 1993–94 and therefore expenditure data cannot be expressed in constant price terms. For comparison purposes Swimming pools are excluded from table 2.

Overall, the average weekly household expenditure on sports and physical recreation products remained virtually unchanged from 1993–94 to 1998–99. For 1993–94 the estimate was \$8.96, while for 1998–99 it was \$8.91. However, for some individual categories of sports and physical recreation products there was a considerable difference between the estimates for the two periods.



AVERAGE WEEKLY HOUSEHOLD EXPENDITURE(a) ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS—1993–94 and 1998–99

(a) At 1998–99 prices.

The greatest increase, in both absolute and relative terms, was recorded for Boats, their parts and accessories which rose 146.9% from \$0.49 per week in 1993–94 to \$1.21 per week in 1998–99. Expenditure on Sports lessons also rose substantially, moving 74.0% from \$0.50 to \$0.87 per week on average. Although the average weekly expenditure on Bicycles during 1998–99 was double the figure for 1993–94, the absolute increase was only \$0.06.

Expenditure on some other categories of sports and physical recreation products moved considerably downward. In relative terms, the greatest drop was for Sporting club subscriptions which fell 35.1% from \$1.48 per week in 1993–94 to \$0.96 per week in 1998–99. Similar in absolute terms was the fall from \$2.48 to \$1.95 (21.4%) recorded for Sports and physical recreation equipment. Another category to record a substantial fall in expenditure was Sports facility hire charges (15.2% from \$2.44 to \$2.07).

While average weekly household expenditure on sports and physical recreation products was virtually unchanged from 1993–94 to 1998–99, the total annual expenditure on these products by all households rose 7.0% from \$3,091.1m to \$3,309.0m. This increase came about because of a 7.6% rise in the number of households in Australia from 6.6m in 1993–94 to 7.1m in 1998–99. The increase in total annual expenditure on all products over this period was 13.3% from \$229,178.8m to \$259,586.7m.

Individual categories of sports and physical recreation products for which total annual expenditure increased substantially from 1993–94 to 1998–99 were Boats, their parts and accessories (up \$281.8m) and Sports lessons (up \$148.9m). Categories for which expenditure fell substantially were Sporting club subscriptions (down \$153.6m), Sports and physical recreation equipment (down \$131.1m) and Sports facility hire charges (down \$73.1m).

8 HOUSEHOLD EXPENDITURE ON SPORTS. PHYSICAL RECREATION AND OTHER LEISURE. 1998–99

SPORTS AND PHYSICAL RECREATION EXPENDITURE BY CHARACTERISTICS OF HOUSEHOLDS

This section examines 1998–99 average weekly household expenditure data to provide a better understanding of how sports and physical recreation expenditure varies between households with different characteristics.

3.1 GEOGRAPHIC AREA

Expenditure on goods and services by households varies according to where people live. The price paid for a particular item depends partly on where it is purchased (e.g. fresh fruit usually costs more in remote areas). However, it is not possible to determine from Household Expenditure Survey data whether differences in expenditure for different regions are due to differences in quantities purchased, differences in prices, or a combination of these.

The following section shows that the households most likely to record above average expenditure on sports and physical recreation products were those located in either a capital city, the Northern Territory or the Australian Capital Territory.

Capital city and rest of state

On average, people living in capital cities spent more on sports and physical recreation products than people living elsewhere. Table 3 shows that households located in Australia's capital cities spent an average of \$11.68 per week on these products compared with \$9.88 for other households.

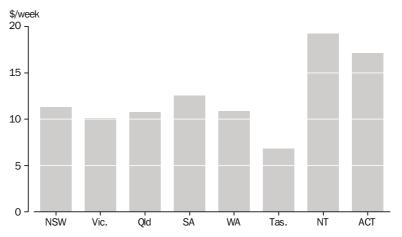
The higher average expenditure by capital city households was closely associated with their higher incomes (\$951.95 per week compared with \$738.91 per week for other households). Their average total expenditure on all products was higher too (\$748.52 per week compared with \$615.36 per week for other households). Of their total expenditure on all products, both capital city households and households in other areas spent around 1.6% on sports and physical recreation.

Households in capital cities reported higher average weekly expenditure on some Sports and physical recreation services such as Sports facility hire charges, Sporting club subscriptions, Sports lessons, and Health and fitness studio charges. Expenditure on Sports, physical recreation and camping equipment was about the same for capital cities as it was for other areas. However, within that product group, households outside capital cities had higher expenditure on Fishing equipment.

States and territories

Households in the Northern Territory and the Australian Capital Territory had the highest estimates of average household expenditure on sports and physical recreation (\$19.27 and \$17.16 per week respectively). However, it should be noted that households in remote or sparsely settled areas were out of scope of the survey. In the Northern Territory this resulted in approximately 20% of the population being excluded.

Sports and physical recreation expenditure for the states ranged from \$6.82 per week for households in Tasmania to \$12.55 per week for households in South Australia.



AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS, By states and territories—1998–99

The higher average sports and physical recreation expenditures in the Northern Territory and the Australian Capital Territory are consistent with their higher average household expenditures on all products (\$896.12 and \$859.84 per week respectively) and their higher average household incomes (\$1,107.77 and \$1,129.74 per week respectively) — see table 4.

Looking at sports and physical recreation expenditure as a percentage of average weekly expenditure on all products, the Northern Territory again had the highest figure with 2.2%. South Australia was next with 2.1% followed by the Australian Capital Territory with 2.0%. Tasmanian households spent the least percentage of their average weekly expenditure (1.2%) on sports and physical recreation.

3.2 HOUSEHOLD COMPOSITION

Sports and physical recreation expenditure varies with the composition of households. The range of different types of composition can be seen in the graph below and in table 5. Couple with dependent children only households had the highest average weekly expenditure on sports and physical recreation (\$18.66 per week) followed by Other couple family households (\$18.17 per week). The lowest expenditure figure was the \$3.06 recorded by Lone person households.

3.2 HOUSEHOLD COMPOSITION continued

Couple only Couple with dependent children only Other couple families One parent with dependent children only Lone person household Other households Other households

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS, By household composition—1998–99

The sports and physical recreation component of expenditure on all products ranged from 0.8% for Lone person households to 2.1% for Couple with dependent children only households. One parent with dependent children only households spent \$5.34 on sports and physical recreation. This was less than half the average weekly expenditure by all households (\$11.03) and only 28.6% of the equivalent figure for Couple with dependent children only households (\$18.66).

Couple with dependent children only and Other couple families were the household compositions which recorded the highest estimates of average weekly expenditure on Sports facility hire charges, Swimming pools, Sports and physical recreation footwear, and Other sports and physical recreation equipment. Couple with dependent children only households spent more than any other households on Sports lessons, while Other couple family households spent the most on Sporting club subscriptions.

3.3 HOUSEHOLD INCOME

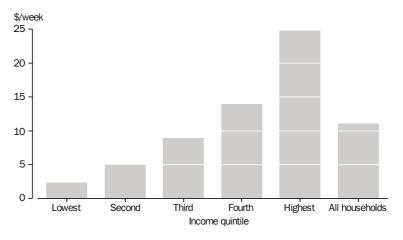
Income includes regular and recurring receipts from all sources prior to the deduction of income tax — it excludes lump-sum receipts, windfall gains and withdrawals from savings. Note that own business income may be negative.

Income is an important determinant of the level of expenditure of a household. To analyse expenditure by income level it is easiest to group households into quintiles. The 20% of households with the lowest incomes form the lowest income quintile group, the 20% of households with the next lowest incomes form the second quintile and so on until the 20% of households with the highest incomes form the highest quintile group.

3.3 HOUSEHOLD INCOME continued

Household income varied greatly — households in the lowest quintile had an average weekly income of \$156.41, while households in the highest quintile had an average weekly income of \$1,981.73 (see table 6). Expenditure, both in total and on sports and physical recreation, varied with household income. Average total weekly expenditure ranged from \$343.90 for the lowest quintile up to \$1,173.01 for the highest, while sports and physical recreation expenditure ranged from \$2.39 to \$24.78.

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS, By income quintile group—1998–99



Sports and physical recreation expenditure as a component of total household expenditure ranged from 0.7% for the lowest quintile to 2.1% for the highest. Average expenditure by the lowest quintile on sports and physical recreation was only 21.7% of the average for all households (\$11.03) whereas, for the highest quintile, average expenditure was more than double the average for all households.

For the lowest quintile it is estimated that an average of \$2.39 per week was spent on sports and physical recreation, of which \$0.77 (32.2%) went on Sports facility hire charges. For the highest quintile it is estimated that the average weekly expenditure on Sports facility hire charges was \$4.13. However, this was only 16.7% of their total expenditure on sports and physical recreation. Compared to the average for all households, the highest quintile spent a higher percentage of their sports and physical recreation expenditure on Boats, their parts and accessories; Other sports equipment; Spectator admission fees to sport; and Sports lessons.

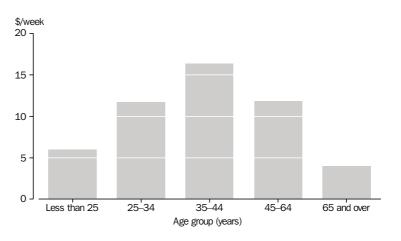
3.4 CHARACTERISTICS OF THE HOUSEHOLD REFERENCE PERSON

Household Expenditure Survey data are collected for households rather than individuals because many items are shared within a household. Hence, it is not meaningful to identify the expenditures made by each person in the household. However, household expenditure does vary according to the characteristics of the occupants. One option to allow an examination of sports and physical recreation expenditure and individual characteristics is to select one household member to be the reference person. See paragraph 13 of the Explanatory Notes for an explanation of how the reference person is chosen.

The following sections show that households reporting above average expenditure on sports and physical recreation tended to be those where the reference person worked as a manager or administrator, was a full-time employee, was born overseas in an English-speaking country or was 35 to 44 years old.

Age of the household reference person

The highest average weekly expenditure on sports and physical recreation (\$16.38 per week) was recorded by households which had a reference person between 35 and 44 years of age. As can be seen in the graph below, the age groups either side of this reported average weekly expenditures close to \$12. Expenditure by the youngest and oldest age groups was considerably less than this with the former recording \$5.96 and the latter only \$3.95.



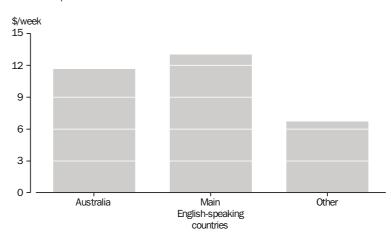
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS, By age of reference person—1998–99

The proportion of total expenditure allocated to sports and physical recreation products follows the same pattern. Households with reference persons aged 35 to 44 years allocated 2% of their total expenditure to sports and physical recreation, and the age groups immediately below and above allocated 1.6% and 1.5% respectively. For the youngest and oldest age groups, the respective components of expenditure devoted to sports and physical recreation were 0.9% and 1.0%.

Birthplace of the household reference person

Where the reference person was born in Australia, the total average household expenditure was \$698.94 per week compared with main English-speaking countries (United Kingdom and Ireland, New Zealand, South Africa, Canada and the United States of America) at \$736.17 per week and other countries at \$677.95 per week.

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS, By country of birth of reference person—1998–99



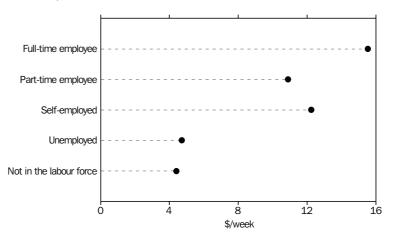
Households where the reference person was born in Australia spent an average of \$11.65 per week on sports and physical recreation, compared with \$13.01 per week where the reference person was born overseas in a main English-speaking country and \$6.70 per week where the reference person was born in some other country (see table 8). The percentage of expenditure devoted to sports and physical recreation was similar at 1.7% and 1.8% respectively for households with reference persons born in Australia and main English-speaking countries. Where the reference person was born in some other country, however, only 1.0% was devoted to sports and physical recreation.

Labour force status of the household reference person

Where the reference person was a full-time employee (that is, an employee who usually works 35 hours or more a week in total for all jobs), household expenditure on sports and physical recreation averaged \$15.52 per week (see table 9), while it was \$10.90 per week where the reference person was a part-time employee. In those households where the reference person was self-employed, sports and physical recreation expenditure was \$12.24 per week on average.

Labour force status of the household reference person continued

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS, By labour force status of reference person—1998–99



Households with employed reference persons allocated similar percentages of their average total weekly expenditures to sports and physical recreation. For full-time employee households the percentage was 1.8% while for part-time employee households it was 1.5%. Households with a self-employed reference person allocated 1.6% of their expenditure to sports and physical recreation.

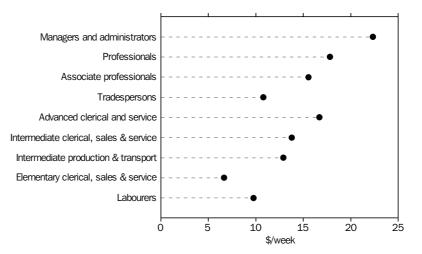
The average expenditure on sports and physical recreation by households with an employed reference person was \$14.49 per week. By contrast, the equivalent figure for a household with an unemployed reference person was \$4.72, while with a reference person not in the labour force it was \$4.41. For unemployed and not-in-the-labour-force households, expenditure on sports and physical recreation was respectively 1.1% and 1.0% of total average weekly expenditure.

Occupation of the household reference person

For those households where the reference person was employed, there were some differences in sports and physical recreation expenditure depending on the occupation of the reference person. Average expenditure on sports and physical recreation by households where the occupation category of the reference person was Managers and Administrators (\$22.32 per week or 2.2% of total household expenditure) was substantially higher than that reported by all households where the reference person was employed (\$14.49 per week). At the other end of the scale were households where the occupation category of the reference person was Elementary clerical, sales and service workers. On average these spent \$6.67 per week (1.0% of their total goods and services expenditure) on sports and physical recreation.

Occupation of the household reference person continued

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED SPORTS AND PHYSICAL RECREATION PRODUCTS, By occupation of reference person—1998–99



1 EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS BY AUSTRALIAN HOUSEHOLDS—1998–99

•••••••••••••••••	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • •
	Average household expenditure	Total household expenditure	Number of households reporting expenditure(a)
	\$/week	\$m/year	'000
•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • •	•••••
Sports and recreation vehicles			
Bicycles	0.12	44.6	(b)111.5
Boats, their parts and accessories	*1.21	*449.4	(c)96.9
Total	*1.33	*493.9	202.4
Sports, physical recreation and camping equipment			
Camping equipment	*0.33	*122.6	59.1
Fishing equipment	0.42	156.0	251.0
Golf equipment	0.24	89.1	102.1
Sports or physical recreation footwear	1.03	382.5	246.1
Swimming pools	1.29	479.1	(b)50.7
Other sports and physical recreation equipment	1.08	401.1	360.3
Total	4.39	1 630.4	946.7
Sports and physical recreation services			
Hire of sports equipment	*0.12	*44.6	65.0
Health and fitness studio charges	0.55	204.3	202.0
Sporting club subscriptions	0.96	356.5	186.8
Spectator admission fees to sport	0.73	271.1	362.3
Sports facility hire charges	2.07	768.8	1 373.7
Sports lessons	0.87	323.1	268.3
Total	5.30	1 968.3	1 931.2
Total expenditure on selected sports and			
physical recreation products	11.03	4 096.4	2 556.1
Total expenditure on all products(d)	700.10	260 006.4	7 121.8
•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • •	•••••

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

(a) Households reporting expenditure in the two week enumeration period unless otherwise noted.

(b) Households reporting expenditure in the twelve months prior to interview.

(c) Households reporting expenditure in the twelve months or two weeks prior to interview for different commodities within this category.

(d) Refer to paragraph 19 of the Explanatory Notes.

2 EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS AT CONSTANT PRICES(a)—1993–94 and 1998–99

•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • • •
		OUSEHOLD RE	TOTAL HOUSE EXPENDITURE	
	1993–94	1998–99	1993–94	1998–99
	\$/week	\$/week	\$m/year	\$m/year
Consta and respection unbialog				• • • • • • • • • •
Sports and recreation vehicles				
Bicycles	0.06	0.12	20.5	44.6
Boats, their parts and accessories	*0.49	*1.21	*167.6	*449.4
Total	*0.55	*1.33	*188.2	*493.9
Sports, physical recreation and camping equipment				
Camping equipment	*0.28	*0.33	*95.8	*122.6
Sports and physical recreation equipment(b)(c)	2.48	1.95	855.3	724.2
Total(c)(d)	2.76	2.28	951.1	846.8
Sports and physical recreation services				
Hire of sports equipment	0.12	*0.12	41.5	*44.6
Health and fitness studio charges	0.47	0.55	161.7	204.3
Sporting club subscriptions	1.48	0.96	510.1	356.5
Spectator admission fees to sport	0.64	0.73	222.3	271.1
Sports facility hire charges	2.44	2.07	841.9	768.8
Sports lessons	0.50	0.87	174.2	323.1
Total	5.66	5.30	1 951.8	1 968.3
Total expenditure on selected sports and physical				
recreation products(c)(d)	8.96	8.91	3 091.1	3 309.0
Total expenditure on all products(e)	664.28	698.97	229 178.8	259 586.7
•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • • •	• • • • • • • • • • • • •		••••

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

(a) At 1998–99 prices.

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(b) Includes fishing equipment, golf equipment, specialist sports shoes and other sports and physical recreation equipment because these were all components of a single expenditure item for 1993–94.

(c) Excludes sports and leisure footwear because it was part of the general footwear expenditure item for 1993–94.

(d) Excludes swimming pools because in-ground swimming pools were not included in the CPI in 1993-94.

(e) Excludes in-ground swimming pools because they were not included in the CPI in 1993–94. However, above-ground swimming pools are included in this total.

		Rest of state	
	AVERA	GE WEEKLY HOUSE EXPENDITURE (\$)	
ports and recreation vehicles			
Bicycles	0.13	*0.10	0.1
Boats, their parts and accessories	*1.34	*0.99	*1.2
Total	*1.47	*1.09	*1.3
ports, physical recreation and camping equipment			
Camping equipment	*0.30	*0.37	*0.3
Fishing equipment	0.29	0.65	0.4
Golf equipment	*0.29	*0.15	0.2
Sports or physical recreation footwear	1.07	0.97	1.0
Swimming pools	1.41	*1.07	1.2
Other sports and physical recreation equipment	1.07	*1.11	1.0
Total	4.43	4.33	4.3
ports and physical recreation services			
Hire of sports equipment	0.11	**0.13	*0.1
Health and fitness studio charges	0.62	*0.42	0.5
Sporting club subscriptions	1.12	*0.66	0.9
Spectator admission fees to sport	0.75	*0.70	0.7
Sports facility hire charges	2.15	1.95	2.0
Sports lessons	1.02	0.61	0.8
Total	5.78	4.47	5.3
otal expenditure on selected sports and			
physical recreation products	11.68	9.88	11.0
otal expenditure on all products(a)	748.52	615.36	700.1
verage weekly household income (\$)	951.95	738.91	874.4
umber of households ('000)	4 533.0	2 589.8	7 122
	4 555.0	2 303.0	1 122

3 HOUSEHOLD EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS, By region—1998–99

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

(a) Refer to paragraph 19 of the Explanatory Notes.

	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust
		A	VERAGE V	VEEKLY H	OUSEHOL	.D EXPEN	IDITURE (\$)	
Sports and recreation vehicles									
Bicycles	*0.07	*0.16	*0.08	*0.13	*0.21	**0.22	*0.20	*0.16	0.12
Boats, their parts and accessories	*1.04	**1.05	**1.93	**1.74	np	**0.19	**4.74	np	*1.22
Total	*1.12	*1.21	**2.01	**1.87	np	**0.41	**4.94	**0.44	*1.3
Sports, physical recreation and camping equipment									
Camping equipment	*0.09	**0.49	*0.27	**1.21	**0.08	np	np	np	*0.33
Fishing equipment	0.37	*0.19	*0.90	np	*0.36	**0.14	*0.97	**0.44	0.42
Golf equipment	*0.27	**0.38	*0.13	**0.12	**0.16	**0.09	**0.13	np	0.24
Sports or physical recreation footwear	1.09	1.13	*0.83	*0.87	*0.99	*0.96	*1.22	*1.92	1.03
Swimming pools	*1.61	**0.67	*1.47	np	*2.04	_	*6.14	np	1.29
Other sports and physical recreation equipment	0.87	0.72	0.72	*1.96	**2.44	**1.03	**0.62	**2.60	1.08
Total	4.29	3.59	4.33	*5.18	*6.08	*2.44	*9.25	*5.66	4.39
Sports and physical recreation services									
Hire of sports equipment	*0.21	*0.07	*0.06	np	**0.10	**0.10	**0.09	*0.38	*0.12
Health and fitness studio charges	*0.59	*0.59	*0.65	*0.43	*0.17	*0.47	*0.75	*0.99	0.55
Sporting club subscriptions	*1.20	*0.86	*0.44	**1.11	*0.64	*0.71	*0.43	np	0.96
Spectator admission fees to sport	*0.99	0.77	*0.35	*0.90	*0.35	*0.59	0.90	**1.02	0.73
Sports facility hire charges	2.23	2.08	2.20	1.67	1.84	1.00	2.42	2.39	2.07
Sports lessons	0.67	0.98	0.75	np	*1.00	**1.10	*0.49	**1.22	0.8
Total	5.89	5.35	4.44	*5.51	4.10	3.97	5.08	*11.06	5.30
Total expenditure on selected sports and physical recreation products	11.30	10.14	10.79	12.55	10.90	6.82	19.27	*17.16	11.03
Total expenditure on all products(b)	741.62	718.87	650.18	604.91	677.72	592.98	896.12	859.84	700.10
Average weekly household income (\$)	911.70	925.68	774.98	768.10	875.21	751.14	1 107.77	1 129.74	874.49
Number of households ('000)	2 370.1	1 739.6	1 334.5	605.1	716.6	186.3	52.5	118.1	7 122.8
Number of persons ('000)	6 277.5	4 622.2	3 418.0	1 467.3	1 815.8	463.6	148.7	301.7	18 514.9

4 HOUSEHOLD EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS, By states and territories—1998–99

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

nil or rounded to zero

(a) Comprises predominantly urban areas only.

(b) Refer to paragraph 19 of the Explanatory Notes.

5 HOUSEHOLD EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS, By household composition—1998–99

••••••	•••••	• • • • • • • • • • •	••••	• • • • • • • • • • • •	• • • • • • • • • •	•••••	••••
		Courle with	Othor	One parent	1000		
	Couple	Couple with dependent	Other couple	with dependent	Lone person	Other	All
	only	children only	families	children only	household	households	households
• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • •	••••	• • • • • • • • • • • • •	• • • • • • • • • •	•••••	••••
		AVERAG	E WEEKLY	HOUSEHOLD	EXPENDIT	URE (\$)	
Sports and recreation vehicles							
Bicycles	*0.10	0.15	*0.21	*0.08	**0.07	**0.15	0.12
Boats, their parts and accessories	**2.11	*2.06	**0.60	np	**0.33	np	*1.21
Total	**2.20	*2.22	**0.81	np	**0.40	np	*1.33
Sports, physical recreation and camping equipment							
Camping equipment	*0.11	*0.53	*1.16	np	np	np	*0.33
Fishing equipment	*0.40	0.61	*0.79	**0.14	*0.13	*0.45	0.42
Golf equipment	*0.36	*0.26	*0.22	np	**0.04	**0.54	0.24
Sports or physical recreation footwear	*0.55	1.76	2.24	*0.69	*0.15	*1.39	1.03
Swimming pools	*1.09	2.66	**2.17	np	np	np	1.29
Other sports and physical recreation							
equipment	*0.78	*2.02	*1.54	*0.80	*0.49	*0.67	1.08
Total	3.29	7.84	8.11	*2.27	1.06	3.72	4.39
Sports and physical recreation services							
Hire of sports equipment	*0.10	**0.23	*0.20	np	**0.04	*0.06	*0.12
Health and fitness studio charges	*0.74	*0.63	*1.16	**0.07	*0.12	**0.46	0.55
Sporting club subscriptions	*1.15	*0.94	*2.28	**0.11	*0.48	**0.58	0.96
Spectator admission fees to sport	*0.71	0.90	1.17	*0.28	*0.26	**1.27	0.73
Sports facility hire charges	2.12	2.93	3.94	1.12	0.68	1.60	2.07
Sports lessons	*0.12	2.97	*0.50	*0.94	np	*0.19	0.87
Total	4.94	8.60	9.24	2.54	1.60	4.16	5.30
Total expenditure on selected sports and physical recreation products	10.43	18.66	18.17	5.34	3.06	8.25	11.03
Total expenditure on all products(a)	660.06	887.07	1080.70	492.57	370.21	811.24	700.10
Average weekly household income (\$)	821.67	1 126.85	1 377.40	478.92	457.44	1 027.86	874.49
Number of households ('000)	1 754.7	1 697.1	839.0	382.1	1 721.7	728.3	7 122.8
Number of persons ('000)	3 509.4	6 840.3	3 290.9	1 059.6	1 721.7	2 093.0	18 514.9
••••••	•••••	• • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • •	•••••	••••

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

(a) Refer to paragraph 19 of the Explanatory Notes.

 	 	 			 			 			 	 	 	 	 									a 1	 			 	 	 							 	

6 HOUSEHOLD EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS, By gross household income quintile group(a)—1998–99

	•••••	•••••	•••••	• • • • • • • • • • •	• • • • • • • • • • • •	•••••
	Lowest quintile	Second quintile	Third quintile	Fourth quintile	Highest quintile	All households
	<i>quintile</i>	•••••	<i>quinuie</i>	•••••	•••••	•••••
	A	VERAGE WE	EEKLY HOUS	SEHOLD EXI	PENDITURE	(\$)
Sports and recreation vehicles						
Bicycles	np	*0.02	*0.13	*0.19	0.26	0.12
Boats, their parts and accessories	np	np	np	*0.64	*3.29	*1.21
Total	np	np	**1.34	*0.83	*3.55	*1.33
Sports, physical recreation and camping equipment						
Camping equipment	*0.08	np	**0.23	*0.78	*0.42	*0.33
Fishing equipment	*0.10	*0.22	*0.51	0.37	*0.90	0.42
Golf equipment	**	**0.35	*0.29	*0.17	0.37	0.24
Sports or physical recreation footwear	*0.30	*0.34	0.87	1.45	2.20	1.03
Swimming pools	**0.33	**0.49	**0.74	*2.25	*2.62	1.29
Other sports and physical recreation equipment	*0.16	*0.30	0.84	1.24	*2.88	1.08
Total	0.98	1.83	3.48	6.25	9.40	4.39
Sports and physical recreation services						
Hire of sports equipment	np	**0.02	*0.06	**0.28	*0.23	*0.12
Health and fitness studio charges	**0.12	*0.09	*0.27	*1.11	1.15	0.55
Sporting club subscriptions	*0.25	**0.56	*0.96	*0.99	*2.01	0.96
Spectator admission fees to sport	**0.10	*0.30	0.60	0.71	*1.95	0.73
Sports facility hire charges	0.77	1.26	1.50	2.70	4.13	2.07
Sports lessons	*0.10	*0.17	0.66	1.06	*2.37	0.87
Total	1.36	2.40	4.06	6.84	11.84	5.30
Total expenditure on selected sports						
and physical recreation products	2.39	5.09	8.88	13.92	24.78	11.03
Total expenditure on all products(b)	343.90	477.13	648.69	855.00	1 173.01	700.10
Average weekly household income (\$)	156.41	410.54	709.41	1 108.96	1 981.73	874.49
Number of households ('000)	1 404.3	1 441.9	1 425.3	1 425.9	1 425.5	7 122.8
Number of persons ('000)	2 122.9	3 372.7	3 916.4	4 355.0	4 748.0	18 514.9
		•••••	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

nil or rounded to zero

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(a) The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order of their total gross weekly income.

(b) Refer to paragraph 19 of the Explanatory Notes.

. . .

7 HOUSEHOLD EXPENDITURE ON SELECTE By age of reference person(a)—1998-9		ND PHYSIC	AL RECREA	TION PROI	DUCIS,	
•••••••••••••••••••••••••••••••••••••••	•••••		• • • • • • • • • • •			••••
	AGE GROUP	P (YEARS)				
	Less than 25	25–34	35–44	45–64	65 and over	All households
	A١	VERAGE WE	EKLY HOUS	EHOLD EXP	ENDITURE	(\$)
Sports and recreation vehicles						
Bicycles	**0.12	*0.15	*0.22	*0.09	**0.02	0.12
Boats, their parts and accessories	**0.96	*1.53	*2.18	**1.21	np	*1.21
Total	**1.08	*1.69	*2.40	**1.30	np	*1.33
Sports, physical recreation and camping equipment						
Camping equipment	np	*0.44	*0.27	*0.37	np	*0.33
Fishing equipment	*0.17	*0.44	*0.65	*0.47	*0.11	0.42
Golf equipment	np	*0.17	*0.11	*0.31	np	0.24
Sports or physical recreation footwear	**0.75	*1.16	1.63	1.08	*0.19	1.03
Swimming pools	—	**0.75	2.91	*1.20	**0.37	1.29
Other sports and physical recreation equipment	*0.86	*1.88	1.08	*1.11	**0.30	1.08
Total	*2.33	4.84	6.66	4.55	*1.51	4.39
Sports and physical recreation services						
Hire of sports equipment	*0.09	*0.08	*0.15	**0.16	*0.06	*0.12
Health and fitness studio charges	**0.46	*0.71	*0.63	0.68	*0.08	0.55
Sporting club subscriptions	**0.11	*0.69	*0.85	*1.38	*0.87	0.96
Spectator admission fees to sport	*0.47	*1.34	0.81	0.68	*0.18	0.73
Sports facility hire charges	1.26	1.68	2.90	2.26	1.40	2.07
Sports lessons	**0.18	0.66	1.99	*0.80	np	0.87
Total	2.55	5.17	7.33	5.96	2.64	5.30
Total expenditure on selected sports and physical recreation products	5.96	11.69	16.38	11.81	3.95	11.03
Total expenditure on all products(b)	686.41	725.36	812.19	785.62	396.31	700.10

7 HOUSEHOLD EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

.....

811.97 948.89 1 041.70 1 008.58 384.06

381.0 1 405.4 1 643.2 2 331.1 1 362.2

880.0 3 868.6 5 470.1 6 062.2 2 234.0 18 514.9

874.49

7 122.8

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

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

— nil or rounded to zero

Number of persons ('000)

(a) Refer to paragraph 13 of the Explanatory Notes for an explanation of how the reference person in the household is chosen.

(b) Refer to paragraph 19 of the Explanatory Notes.

Average weekly household income (\$)

Number of households ('000)

8 HOUSEHOLD EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS, By country of birth of reference person(a)—1998–99

•••••••••••••••••••••••••••••••••••••••	•••••	• • • • • • • • • • •	• • • • • • • • •	•••••	••••
		OVERSEA	S		
	Australia	Main English- speaking countries	Other	Total overseas	All households
• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • •	••••
	AVERAG	E WEEKLY	HOUSEHOL	D EXPENDI	TURE (\$)
Sports and recreation vehicles					
Bicycles	0.14	*0.08	*0.08	0.08	0.12
Boats, their parts and accessories	*1.56	np	np	np	*1.21
Total	*1.70	np	np	np	*1.33
Sports, physical recreation and camping equipment					
Camping equipment	*0.27	*0.95	np	*0.48	*0.33
Fishing equipment	0.43	*0.57	**0.29	*0.41	0.42
Golf equipment	0.26	**0.18	np	**0.18	0.24
Sports or physical recreation footwear	1.05	*0.90	*1.09	1.01	1.03
Swimming pools	1.19	*2.51	np	*1.54	1.29
Other sports and physical recreation equipment	1.00	**2.06	*0.74	*1.31	1.08
Total	4.18	7.16	3.23	4.93	4.39
Sports and physical recreation services					
Hire of sports equipment	0.10	*0.11	np	**0.16	*0.12
Health and fitness studio charges	0.65	*0.22	*0.34	0.29	0.55
Sporting club subscriptions	1.14	*0.83	*0.21	*0.48	0.96
Spectator admission fees to sport	0.74	*0.82	*0.65	*0.73	0.73
Sports facility hire charges	2.29	2.00	1.17	1.53	2.07
Sports lessons	0.85	*1.24	*0.70	0.93	0.87
Total	5.77	5.23	3.27	4.11	5.30
Total expenditure on selected sports					
and physical recreation products	11.65	13.01	6.70	9.43	11.03
Total expenditure on all products(b)	698.94	736.17	677.95	703.10	700.10
Average weekly household income (\$)	875.57	938.60	820.83	871.70	874.49
Number of households ('000)	5 132.6	859.7	1 130.5	1 990.2	7 122.8
Number of persons ('000)	13 091.8	2 126.8	3 296.3	5 423.1	18 514.9
	•••••	• • • • • • • • • • •	• • • • • • • • • •	•••••	••••

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

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

(a) Refer to paragraph 13 of the Explanatory Notes for an explanation of how the reference person in the household is chosen.

(b) Refer to paragraph 19 of the Explanatory Notes.

 9 HOUSEHOLD EXPENDITURE ON By labour force status of refere 				AL RECRE	ATION PR	RODUCTS,		
•••••••••••••••••••••••••••••••••••••••	EMPLOYED.	•••••	•••••	•••••	••••	••••	• • • • • • • • • •	
	Employee Full-time	Part-time	Total	Self- employed	Total	Unem- ployed	Not in the labour force	All house- holds
	•••••	AVERA	GE WEEK	LY HOUSE	HOLD EXP	•••••	(\$)	• • • • • • • •
Sports and recreation vehicles								
Bicycles	0.19	*0.12	0.18	*0.09	0.17	np	*0.03	0.12
Boats, their parts and accessories	1.80	np	1.73	np	*1.64	np	np	*1.21
Total	2.00	np	1.91	np	1.81	np	np	*1.33
Sports, physical recreation and camping equipment								
Camping equipment	*0.46	**0.06	*0.39	np	*0.39	np	**0.18	*0.33
Fishing equipment	0.61	**0.68	0.62	**0.32	0.59	**0.25	0.09	0.42
Golf equipment	*0.23	*0.16	0.22	*0.24	0.22	np	*0.29	0.24
Sports or physical recreation footwear	1.42	*0.98	1.35	*1.22	1.34	np	0.47	1.03
Swimming pools	2.08	**1.67	2.01	**0.14	1.80	np	**0.33	1.29
Other sports and physical recreation								
equipment	1.28	1.11	1.25	**3.60	1.52	**0.71	*0.22	1.08
Total	6.09	4.66	5.86	*5.85	5.86	*1.90	1.58	4.39
Sports and physical recreation services								
Hire of sports equipment	*0.19	*0.14	*0.18	**0.06	*0.16	_	*0.04	*0.12
Health and fitness studio charges	0.98	*0.24	0.86	*0.23	0.79	np	*0.09	0.55
Sporting club subscriptions	1.16	*0.68	1.08	np	1.04	**0.06	*0.85	0.96
Spectator admission fees to sport	1.14	*0.65	1.06	*0.59	1.01	**0.11	*0.22	0.73
Sports facility hire charges	2.79	1.73	2.62	1.92	2.54	**1.00	1.21	2.07
Sports lessons	1.18	*1.31	1.20	**1.83	1.27	**0.27	*0.10	0.87
Total	7.44	4.76	7.01	5.38	6.82	*1.45	2.51	5.30

Total expenditure on selected sports									
and physical recreation products	15.52	10.90	14.78	12.24	14.49	*4.72	4.41	11.03	
Total expenditure on all products(b)	881.78	715.06	854.91	759.84	844.19	419.94	426.91	700.10	
Average weekly household income (\$)	1 274.53	706.87	1 183.04	842.31	1 144.63	294.76	367.32	874.49	
Number of households ('000)	3 473.3	667.3	4 140.6	526.1	4 666.7	206.4	2 249.7	7 122.8	
Number of persons ('000)	10 159.8	1 825.2	11 985.0	1 481.3	13 466.3	455.9	4 592.7	18 514.9	

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

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

nil or rounded to zero

(a) Refer to paragraph 13 of the Explanatory Notes for an explanation of how the reference person in the household is chosen.

(b) Refer to paragraph 19 of the Explanatory Notes.

10 HOUSEHOLD EXPENDITURE ON SELECTED SPORT AND PHYSICAL RECREATION PRODUCTS, By occupation of reference person(a)—1998–99

•••••	• • • • • • • • •	• • • • • • • •	••••	• • • • • • • • •	••••	• • • • • • • •	•••••	• • • • • • • •		• • • • • • • • •
	Managers and admini- strators	Profess- ionals	Associate profess- ionals	Trades- persons & related workers	Advanced clerical & service workers	Inter- mediate clerical, sales & workers	Inter- mediate produc- tion & transport workers	Elemen- tary clerical, sales & service workers	Labourers & related workers	Total employed
••••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	••••••	•••••
			AVERA	GE WEEK	LY HOUSE	HOLD EX	PENDITUR	E (\$)		
Sports and recreation vehicles										
Bicycles	*0.19	*0.31	*0.17	*0.15	np	*0.15	**0.06	**0.04	**0.07	0.17
Boats, their parts and accessories	*4.60	**1.61	np	**1.38	np	**1.50	**1.57	_	np	*1.64
Total	*4.79	**1.92	**1.01	**1.54	np	*1.65	**1.63	**0.04	np	1.81
Sports, physical recreation and camping equipment										
Camping equipment	**0.12	*0.92	*0.70	**0.14	np	np	np	np	np	*0.39
Fishing equipment	*0.92	*0.56	*0.13	*0.62	np	*0.63	*0.74	**0.63	np	0.59
Golf equipment	np	*0.32	*0.23	*0.16	np	np	**0.29	np	np	0.22
Sports or physical recreation footwear	*1.59	1.61	2.18	*1.18	**1.28	*0.93	*1.36	**0.45	*0.49	1.34
Swimming pools	**3.94	**0.90	*1.74	**0.22	np	*4.22	**1.59	_	np	1.80
Other sports and physical recreation equipment	*2.08	*1.85	**2.36	*1.42	*1.03	0.85	*0.88	**1.88	*0.64	1.52
Total	8.78	6.16	7.35	3.74	**5.98	7.05	5.22	*3.00	*4.10	5.86
Sports and physical recreation services										
Hire of sports equipment	**0.18	**0.27	*0.27	*0.09	np	*0.12	np	np	np	*0.16
Health and fitness studio charges	*1.20	*1.06	*0.53	*0.92	**2.89	**0.55	np	**0.18	**0.18	0.79
Sporting club subscriptions	*0.57	*1.31	*1.63	**0.72	np	*0.50	np	**0.28	np	1.04
Spectator admission fees to sport	*2.11	*1.57	*0.88	*0.67	**0.71	*0.72	*0.72	**0.69	*0.32	1.01
Sports facility hire charges	*2.96	3.01	2.89	2.25	1.95	2.17	2.35	*2.02	*2.18	2.54
Sports lessons	*1.72	*2.50	*0.99	*0.88	*2.43	1.02	*0.57	**0.33	*0.21	1.27
Total	8.75	9.73	7.19	5.53	*8.25	5.08	*6.07	*3.63	*4.21	6.82
Total expenditure on selected sports and physical recreation products	22.32	17.81	15.56	10.80	*16.71	13.77	12.92	*6.67	*9.75	14.49
Total expenditure on all products(b)	993.14	977.55	880.14	798.58	886.10	754.62	781.16	688.06	666.42	844.19
Average weekly household income (\$)	1 527.11	1 384.33	1 215.12	1 076.91	994.93	935.73	1 035.45	794.04	859.49	1 144.63
Number of households ('000)	428.0	1 015.5	633.5	711.4	139.2	612.2	473.2	256.5	397.1	4 666.7
Number of persons ('000)	1 278.6	2 793.4	1 842.1	2 069.6	427.7	1 680.8	1 546.0	650.7	1 177.4	13 466.3
•••••	• • • • • • • • •	• • • • • • • •	••••	• • • • • • • • •	••••	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • • •	• • • • • • • • •

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

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

nil or rounded to zero

.

(a) Includes only those households where the reference person was employed. Refer to paragraph 13 of the Explanatory Notes for an explanation of how the reference person in the household is chosen.

(b) Refer to paragraph 19 of the Explanatory Notes.

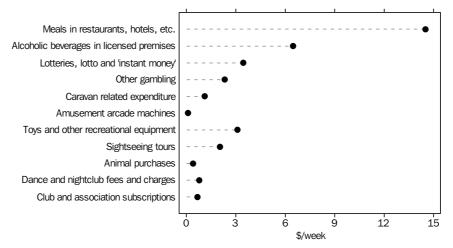
PART B — OTHER LEISURE

1998–99 HOUSEHOLD EXPENDITURE ON OTHER LEISURE

During 1998–99, households in Australia spent an average of \$35.06 per week on the other leisure goods and services detailed in table 11. Of this, \$21.00 (59.9%) was spent on Food and beverage serving services and \$5.80 (16.5%) on Gambling. Another \$8.25 (23.5%) was spent on a range of other leisure products including Toys and other recreational equipment (\$3.11) and Sightseeing tours (\$2.04).

The highest expenditure for an individual expense category was recorded for Meals served in restaurants, hotels, clubs and related (\$14.51 per week), while the lowest expenditure was for the use of Amusement arcade machines (\$0.10 per week).





The percentage of households which incurred expenditure on each item can also be determined from the survey — 48.5% of Australian households purchased Meals served in restaurants, hotels, clubs and related; 39.8% participated in Lotteries, lotto-style and 'instant money' games; and 37.7% purchased Alcoholic beverages served in licensed premises (see table 11).

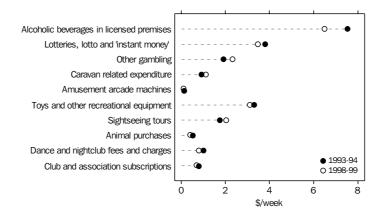
In 1998–99, households in Australia spent a total of \$13,020.7m on the other leisure products detailed in table 11. Of this figure, \$7,799.1m went on Food and beverage serving services, while \$1,288.7m was spent on Lotteries, lotto-style and 'instant money' games, and \$1,155.0m on Toys and other recreational equipment.

COMPARISON OF OTHER LEISURE EXPENDITURE OVER TIME

Average weekly expenditure on other leisure products by Australian households has generally decreased between 1993–94 and 1998–99. However, because of the increase in the number of households during that period, the total annual expenditure on other leisure products by all households has generally increased. The households expenditure data have been adjusted according to the relevant CPI sub-groups (see Section 2) to allow comparison at constant prices. Because the CPI does not include gambling expenditure, the all groups index (i.e. the overall CPI) has been used to express 1993–94 gambling data in 1998–99 dollars.

Unfortunately, it was not possible to compare data for the two periods for expenditure on Meals served in restaurants, hotels, clubs and related. This is because 'fast food' was excluded from this category for the 1998–99 survey, but included in the equivalent category for the 1993–94 survey.

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE(a) ON SELECTED OTHER LEISURE PRODUCTS—1993–94 and 1998–99



(a) At 1998–99 prices.

The average weekly household expenditure on Alcoholic beverages served in licensed premises (at 1998–99 prices) decreased by 13.8% between 1993–94 and 1998–99 from \$7.53 to \$6.49. Over the same period there was a slight rise (1.8%) in weekly gambling expenditure from \$5.70 to \$5.80. For the remainder of the selected other leisure products, there was an overall fall in expenditure of 2.1% (from \$8.43 per week to \$8.25 per week).

The total annual household expenditure on alcoholic beverages served in licensed premises decreased by \$186.2m (from \$2,596.5m to \$2,410.3m) between 1993–94 and 1998–99, while annual gambling expenditure rose by \$186.2m to \$2,154.0m. Annual expenditure increased by \$157.3m overall (from \$2,906.6m to \$3,063.9m) for the remaining other leisure products.

EXPENDITURE ON OTHER LEISURE BY CHARACTERISTICS OF HOUSEHOLDS

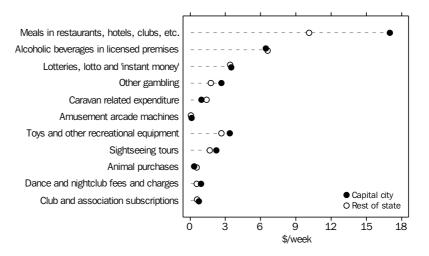
6.1 GEOGRAPHIC AREA

Capital city and rest of state

People living in capital cities on average spent more on other leisure than people living elsewhere. Capital city households spent an average of \$38.32 per week on the selected other leisure products compared with \$29.35 for other households (see table 13). The other leisure expenditure was 5.1% of total average weekly expenditure by capital city households, and 4.8% of total average weekly expenditure by other households.

Over 75% of the difference in expenditure was contributed by Meals in restaurants, hotels, clubs and related. In capital cities expenditure for this category averaged \$17.01 per week compared to the \$10.14 per week spent by households in other areas.

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By region—1998–99



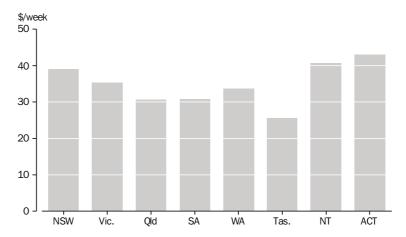
Households in capital cities recorded slightly higher average expenditure on most of the remaining selected other leisure products. However, for Caravan related expenditure, Animal purchases and Alcoholic beverages served in licensed premises, the average weekly expenditure by households in other areas was greater.

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States and territories

Of all the states and territories, households in the Australian Capital Territory had the highest average expenditure on the selected other leisure products (\$42.93 per week). The levels of expenditure for all states and the Northern Territory ranged from \$25.67 per week for households in Tasmania to \$40.62 per week for households in the Northern Territory (see table 14).

It should be noted that households in remote or sparsely settled areas were out of scope of the survey. In the Northern Territory this resulted in approximately 20% of the population being excluded.



AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By states and territories—1998–99

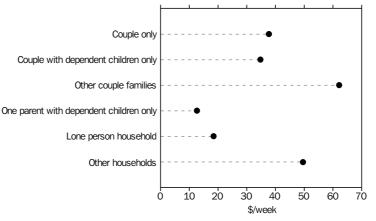
Expenditure on the selected other leisure products as a percentage of total average weekly expenditure was highest for New South Wales with 5.3%. This was followed by South Australia with 5.1% and Western Australia and the Australian Capital Territory both with 5.0%. Tasmanian households spent the least percentage of their average weekly expenditure (4.3%) on other leisure. Despite having the second highest other leisure expenditure in absolute terms, Northern Territory other leisure expenditure was second lowest as a percentage of its overall average weekly expenditure (4.6%).

It is estimated that households in the Northern Territory spent more than twice the national average on Alcoholic beverages served in licensed premises (\$13.29 per week compared with \$6.49 per week). On the other hand it is estimated that households in Tasmania had substantially lower weekly expenditure than the national average on Caravan related expenditure (\$0.22 compared with \$1.12) and Sightseeing tours (\$0.66 compared with \$2.04).

6.2 HOUSEHOLD COMPOSITION

Expenditure on other leisure varies with the composition of households (see table 15). Households containing Other couple families had the highest average weekly expenditure on the selected other leisure products (\$62.07 per week), while the households with the lowest average weekly expenditure (\$12.72 per week) were those containing One parent with dependent children only.

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By household composition—1998–99



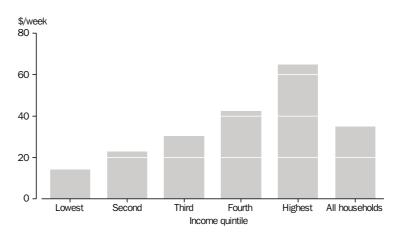
The other leisure component of average weekly expenditure on all goods and services ranged from 2.6% for One parent with dependent children only households to 6.1% for Other households. Other couple family households (\$38.07) and Other households (\$34.86) had the highest levels of average weekly expenditure on Food and beverage serving services. Other couple family households also spent the most on Gambling (\$10.29 per week), but the household composition with the next highest estimate of Gambling expenditure was Couple only (\$8.03 per week).

The household compositions spending the most on Toys and other recreational equipment were Couple with dependent children only (\$6.15 per week) and Other couple families (\$4.04 per week). The amount spent by Couple with dependent children only households was almost double the average weekly expenditure on this category by all households (\$3.11) and more than double the average amount spent each week by households with One parent with dependent children only (\$2.93). For Sightseeing tours, Other couple family households (\$3.00) and Couple only households (\$2.58) had the highest levels of average weekly expenditure.

6.3 HOUSEHOLD INCOME

Household income is an important determinant of household expenditure. In order to analyse household expenditure by income level all households were grouped into income quintiles (see Section 3.3).

Expenditure on the selected other leisure products varied with household income. The average weekly expenditure on these products ranged from \$14.26 for the lowest quintile up to \$64.97 for the highest (see table 16). Households in the highest quintile also spent a larger percentage (5.6%) of their total weekly expenditure on the selected other leisure products than did any other quintile. Households in the lowest quintile spent the lowest percentage on other leisure (4.2%), while the average for all households was 5.0%



AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By income quintile group—1998–99

Expenditure on Food and beverage serving services varied with income and was widely dispersed about the average for all households (\$21.00 per week). For the highest quintile, expenditure on this product group was 203.5% of the average for all households whereas, for the lowest quintile, it was only 33.5%

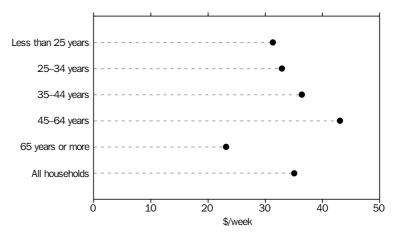
For Gambling, on the other hand, expenditure by all quintiles was much closer to the average for all households (\$5.80 per week). The figure for the quintile with the highest estimate of average weekly expenditure (the fourth) was 136.4% of the average for all households, while the figure for the quintile with the lowest estimate (the lowest) was 53.8% of the all-household figure.

For the remaining other leisure products, taken as a group, expenditure varied with income. However, for the individual categories, this was often not the case. For Animal purchases and Club and association subscriptions, the quintile with the lowest estimate of expenditure was the second, whereas for Caravan related expenditure and Sightseeing tours it was the fourth. The fourth quintile also provided the category of Animal purchases with its highest estimate of expenditure (\$0.93 per week).

6.4 CHARACTERISTICS OF THE HOUSEHOLD REFERENCE PERSON

Age of the household reference person

Households with a reference person aged 65 years or more had the lowest average weekly expenditure on the selected other leisure products (\$23.16 per week), while the highest expenditure recorded was for households where the reference person was 45 to 64 years old (\$43.02 per week) (see table 17).



AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By age of reference person—1998–99

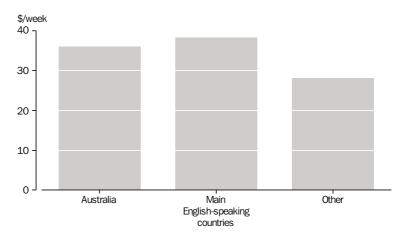
Households with a reference person in the older age groups spent a greater percentage of their weekly expenditure on other leisure products. For persons 65 years or more, this percentage was 5.8%. For persons 45–64 years, it was 5.5%. For persons in the three youngest age groups, expenditure on other leisure products made up around 4.5% of their total weekly expenditure.

Despite having the lowest overall average weekly expenditure on other leisure products, households with a reference person 65 years or more had the second highest estimate of expenditure on Gambling (\$7.04 per week), and an estimate higher than the all-household average for Caravan related expenditure. In addition they recorded the highest estimate for expenditure on Sightseeing tours (\$3.01 per week). Households with a reference person Less than 25 years recorded the highest figure for expenditure on Alcoholic beverages served in licensed premises (\$10.24 per week). This figure was 57.8% higher than the average for all households of \$6.49 per week.

Birthplace of the household reference person

Households where the reference person was born in a main English-speaking country (United Kingdom and Ireland, New Zealand, South Africa, Canada and the United States of America) had the highest expenditure on selected other leisure products averaging \$38.26 per week. This was 5.2% of their total average weekly expenditure. The same percentage applies for the estimated \$36.05 spent on other leisure by households with an Australian-born reference person. Households with a reference person born overseas in other than a main English-speaking country had the lowest expenditure on other leisure — \$28.13 per week, which was 4.2% of their total average weekly expenditure.

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By country of birth of reference person—1998–99



Despite spending the least overall on other leisure, households with a reference person born in an 'other' overseas country had the highest estimate of average weekly expenditure on Meals served in restaurants, hotels, clubs and related (\$15.37). However, their expenditure on Alcoholic beverages served in licensed premises (\$3.01 per week) was less than half the average for all households (\$6.49 per week).

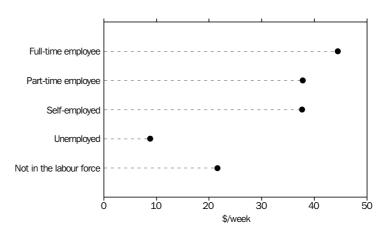
Households with a reference person born in a main English-speaking country spent more on Gambling (\$7.34 per week) than did the other two groups which had similar levels of Gambling expenditure at \$5.65 and \$5.34 per week. For the remaining other leisure products, households with a reference person born in an 'other' overseas country generally spent less than the other two groups. A notable exception was Dance and nightclub fees and charges for which the 'other' overseas group's estimate of \$1.01 per week was 26.3% higher than the average expenditure for all households.

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Employment status of the household reference person

The highest average weekly household expenditure on the selected other leisure products was recorded by the households where the reference person was a full-time employee — \$44.42 per week, while households where the reference person was unemployed had the lowest expenditure — \$8.80 per week (see table 19).

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By employment status of reference person—1998–99

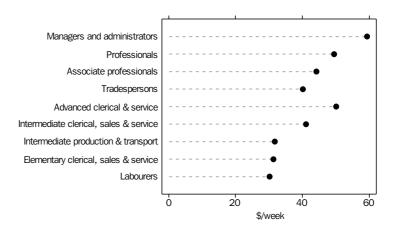


The average expenditure of households on other leisure expressed as a percentage of total household expenditure ranged from 2.1% for households where the reference person was unemployed to 5.3% for those households where the reference person was a part-time employee.

Other leisure expenditures by households with full-time and households with part-time reference persons were very similar except for Food and beverage serving services. The difference between the total other leisure expenditures (\$44.42 and \$37.81) resulted almost entirely from the difference between the Food and beverage serving services expenditures (\$28.53 and \$22.18). Other leisure expenditure by households with self-employed reference persons (\$37.69 per week) was very similar to that by households with part-time reference persons. However, self-employed households spent more on Food and beverage serving services and less on (in total) the remaining other leisure products.

Occupation of the household reference person

The highest expenditure on the selected other leisure products was recorded by households where the reference person was a manager or administrator (\$59.34 per week), while at the other end of the expenditure scale were three occupation groups with similar average level of weekly expenditure on other leisure. These were Labourers and related workers (\$30.17 per week); Elementary clerical, sales and service workers (\$31.32 per week); and Intermediate production and transport workers (\$31.73 per week).



AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By occupation of reference person—1998–99

Households with a manager or administrator as reference person also had the highest level of other leisure expenditure when expressed as a percentage of total average weekly expenditure (6.0%). Households with a reference person who was an intermediate production or transport worker spent the least on other leisure as a percentage of total average weekly expenditure (4.1%).

Advanced clerical or service worker households spent the most on Gambling (\$11.10 per week), considerably more than the average Gambling expenditure for all households with an employed reference person (\$6.21 per week). The lowest average expenditure on Gambling (\$3.45 per week) was recorded by households with a professional as reference person.

11 EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS BY AUSTRALIAN HOUSEHOLDS— 1998–99

•••••••••••••••••••••••••••••••••••••••	•••••	•••••	• • • • • • • • • • • • • • • •
	Average household expenditure	Total household expenditure	Number of households reporting expenditure(a)
	\$/week	\$m/year	'000'
Each and haverage conving convinge	• • • • • • • • • • • • • • • • • •		
Food and beverage serving services		E 200 0	2 450 0
Meals served in restaurants, hotels, clubs and related	14.51	5 388.8	3 452.9
Alcoholic beverages served in licensed premises	6.49	2 410.3	2 686.8
Total	21.00	7 799.1	4 234.4
Gambling			
Lotteries, lotto-style and 'instant money' games	3.47	1 288.7	2 835.7
Other gambling	2.33	865.3	1 935.1
Total	5.80	2 154.0	3 655.1
Miscellaneous other leisure products			
Caravan related expenditure	1.12	416.0	(b)283.4
Amusement arcade machines	0.10	37.1	159.8
Toys and other recreational equipment	3.11	1 155.0	1 409.2
Sightseeing tours	2.04	757.6	(b)422.7
Animal purchases	0.41	152.3	88.7
Dance and nightclub fees and charges	0.80	297.1	518.7
Club and association subscriptions(c)	0.69	256.3	595.4
Total	8.25	3 063.9	2 669.4
Total expenditure on selected other leisure products	35.06	13 020.7	5 775.6
Total expenditure on all products	698.97	259 586.7	7 121.8
•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • •

(a) Households reporting expenditure in the two week enumeration period unless otherwise noted.

(b) Households reporting expenditure in the twelve months, three months or two weeks prior to interview for different commodities within this category.

(c) Excludes sports clubs.

1993–94 and 1998–99				
	AVERAGE HOUSEHOLD EXPENDITURE		TOTAL HOUS EXPENDITUR	
	1993–94	1998–99	1993–94	1998–99
	\$/week	\$/week	\$m/year	\$m/year
•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • • •
Alcoholic beverages served in licensed premises	7.53	6.49	2 596.5	2 410.3
Gambling				
Lotteries, lotto-style and 'instant money' games	3.80	3.47	1 309.4	1 288.7
Other gambling	1.92	2.33	662.3	865.3
Total	5.70	5.80	1 967.8	2 154.0
Miscellaneous other leisure products				
Caravan related expenditure	0.92	1.12	317.6	416.0
Amusement arcade machines	0.13	0.10	46.1	37.1
Toys and other recreational equipment	3.30	3.11	1 136.9	1 155.0
Sightseeing tours	1.75	2.04	604.3	757.6
Animal purchases	*0.52	0.41	*180.9	152.3
Dance and nightclub fees and charges	1.01	0.80	348.1	297.1
Club and association subscriptions(b)	0.79	0.69	272.6	256.3
Total	8.43	8.25	2 906.6	3 063.9
Total expenditure on selected other leisure products(c)	21.65	20.54	7 471.0	7 628.2
Total expenditure on all products	664.28	698.97	229 178.8	259 586.7

12 EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS AT CONSTANT PRICES(a)-1993-94 and 1998-99

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

(a) At 1998–99 prices.

(b) Excludes sports clubs.

(c) Excludes Meals served in restaurants, hotels, clubs and related.

		Rest of state	Australia
	AVERA	GE WEEKLY HOUSE EXPENDITURE (\$)	EHOLD
ood and beverage serving services			
Meals served in restaurants, hotels, clubs and related	17.01	10.14	14.52
Alcoholic beverages served in licensed premises	6.43	6.60	6.4
Total	23.44	16.75	21.00
ambling			
Lotteries, lotto-style and 'instant money' games	3.50	3.41	3.4
Other gambling	2.66	*1.75	2.3
Total	6.17	5.16	5.8
liscellaneous other leisure products			
Caravan related expenditure	0.97	1.38	1.1
Amusement arcade machines	0.13	*0.05	0.1
Toys and other recreational equipment	3.37	2.65	3.1
Sightseeing tours	2.24	1.68	2.0
Animal purchases	*0.33	*0.55	0.4
Dance and nightclub fees and charges	0.93	0.57	0.8
Club and association subscriptions(a)	0.75	0.58	0.6
Total	8.72	7.44	8.2
otal expenditure on selected other leisure products	38.32	29.35	35.0
tal expenditure on all products	747.18	614.59	698.9
· · · · · · · · · · · · · · · · · · ·			
rerage weekly household income (\$)	951.95		874.4
umber of households ('000)	4 533.0		
umber of persons ('000)	11 865.5	6 649.4	

13 HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By region—1998–99

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

(a) Excludes sports clubs.

14 HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By states and territories—1998–99									
•••••••••••••••••	NSW	Vic.	Qld	SA	WA	Tas.	NT(a)	ACT	Aust.
	AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)								
Food and beverage serving services									
Meals served in restaurants, hotels, clubs and related	17.64	16.00	11.24	10.10	11.06	8.64	17.58	18.39	14.51
Alcoholic beverages served in licensed premises	7.11	5.36	5.81	6.80	7.38	5.28	13.29	10.35	6.49
Total	24.75	21.36	17.04	16.90	18.44	13.91	30.87	28.73	21.00
Gambling									
Lotteries, lotto-style and 'instant money' games	3.48	3.63	3.29	2.90	4.20	2.84	2.83	2.73	3.47
Other gambling	2.72	2.25	2.77	**1.08	*2.02	**1.87	np	np	2.33
Total	6.20	5.89	6.06	3.97	6.22	*4.72	np	np	5.80
Miscellaneous other leisure products									
Caravan related expenditure	0.86	1.60	*0.90	*1.96	*0.87	*0.22	*0.54	np	1.12
Amusement arcade machines	0.08	0.17	*0.09	*0.02	*0.06	np	*0.12	**0.15	0.10
Toys and other recreational equipment	3.15	2.94	2.42	*3.59	*4.21	3.23	*3.51	*3.08	3.11
Sightseeing tours	2.16	*1.76	2.14	*2.84	*1.42	*0.66	*1.86	*4.34	2.04
Animal purchases	*0.23	**0.20	*0.37	np	np	np	**0.48	np	0.41
Dance and nightclub fees and charges	1.00	0.80	0.72	*0.39	0.64	*0.58	*0.67	*1.00	0.80
Club and association subscriptions(b)	*0.63	0.61	0.87	*0.44	*0.84	*0.60	0.52	*1.28	0.69
Total	8.12	8.08	7.50	9.98	9.05	*7.04	7.70	10.40	8.25
Total expenditure on selected other leisure products	39.07	35.33	30.60	30.86	33.70	25.67	40.62	42.93	35.06
Total expenditure on all products	740.30	718.19	648.99	604.26	675.68	592.98	890.03	859.77	698.97
Average weekly household income (\$)	911.70	925.68	774.98	768.10	875.21	751.14	1 107.77	1 129.74	874.49
Number of households ('000)	2 370.1	1 739.6	1 334.5	605.1	716.6	186.3	52.5	118.1	7 122.8
Number of persons ('000)	6 277.5	4 622.2	3 418.0	1 467.3	1 815.8	463.6	148.7		18 514.9

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

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

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

(a) Comprises predominantly urban areas only.

(b) Excludes sports clubs.

15 HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By household composition—1998–99							
	Couple only	Couple with dependent children only	Other couple families	One parent with dependent children only	Lone person household	Other households	All households
		AVERAG	GE WEEKLY	HOUSEHOLD	EXPENDITU	RE (\$)	• • • • • • • • • • •
Food and beverage serving services						()	
Meals served in restaurants, hotels, clubs and related	15.86	14.05	24.53	4.58	7.89	21.67	14.51
Alcoholic beverages served in licensed premises	6.03	4.43	13.54	2.01	3.72	13.19	6.49
Total	21.89	18.48	38.07	6.59	11.61	34.86	21.00
Gambling							
Lotteries, lotto-style and 'instant money' games	4.51	2.93	6.10	1.17	1.98	3.93	3.47
Other gambling	3.52	2.10	4.19	np	np	*3.78	2.33
Total	8.03	5.03	10.29	*1.32	*2.29	7.71	5.80
Miscellaneous other leisure products							
Caravan related expenditure	1.74	1.11	*2.40	np	*0.19	*0.76	1.12
Amusement arcade machines	*0.02	0.13	0.36	**0.06	np	*0.13	0.10
Toys and other recreational equipment	1.75	6.15	4.04	2.93	1.27	2.67	3.11
Sightseeing tours	2.58	*1.68	*3.00	*0.72	2.02	1.21	2.04
Animal purchases	*0.50	**0.44	**1.06	**0.04	*0.16	**0.13	0.41
Dance and nightclub fees and charges	0.44	0.97	1.87	*0.48	*0.30	1.34	0.80
Club and association subscriptions(a)	0.70	0.72	*0.97	*0.26	*0.61	*0.66	0.69
Total	7.72	11.20	13.71	4.81	4.57	6.90	8.25
Total expenditure on selected other leisure products	37.64	34.71	62.07	12.72	18.46	49.47	35.06
Total expenditure on all products	659.09	884.85	1 078.57	492.07	370.07	810.69	698.97
Average weekly household income (\$)	821.67	1 126.85	1 377.40	478.92	457.44	1 027.86	874.49
Number of households ('000)	1 754.7	1 697.1	839.0	382.1	1 721.7	728.3	7 122.8
Number of persons ('000)	3 509.4	6 840.3	3 290.9	1 059.6	1 721.7	2 093.0	18 514.9

HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS. By household composition-1998-99 15

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

(a) Excludes sports clubs.

			•••••			
	Lowest	Second	Third	Fourth	Highest	All
	quintile	quintile	quintile	quintile	quintile	households
						- (
		AVERAGE W	EENLT HU	JSERULD E/	(PENDITURE	- (Þ)
Food and beverage serving services						
Meals served in restaurants, hotels, clubs and						
related	4.75	6.95	12.42	18.57	29.82	14.51
Alcoholic beverages served in licensed premises	2.28	3.91	5.42	7.89	12.92	6.49
Total	7.03	10.86	17.84	26.46	42.74	21.00
Gambling						
Lotteries, lotto-style and 'instant money' games	2.37	3.25	3.07	4.26	4.38	3.47
Other gambling	**0.74	*1.71	*2.49	3.65	*3.04	2.33
Total	3.12	4.97	5.55	7.91	7.42	5.80
Miscellaneous other leisure products						
Caravan related expenditure	*0.77	1.41	1.17	*0.75	1.49	1.12
Amusement arcade machines	**0.03	**0.04	*0.07	*0.12	0.23	0.10
Toys and other recreational equipment	1.21	2.18	3.09	3.67	5.37	3.11
Sightseeing tours	1.31	*2.40	*1.51	0.91	4.04	2.04
Animal purchases	**0.17	0.08	**0.27	*0.93	**0.59	0.41
Dance and nightclub fees and charges	*0.20	0.59	0.45	1.13	1.61	0.80
Club and association subscriptions(b)	*0.43	0.33	0.48	0.71	1.47	0.69
Total	4.12	7.03	7.04	8.23	14.80	8.25
Total expenditure on selected other leisure						
products	14.26	22.85	30.43	42.60	64.97	35.06
Total expenditure on all products	343.60	476.67	647.99	853.21	1 170.60	698.97
Average weekly household income (\$)	156.41	410.54	709.41	1 108.96	1 981.73	874.49
Number of households ('000)	1 404.3	1 441.9	1 425.3	1 425.9	1 425.5	7 122.8
Number of persons ('000)	2 122.9	3 372.7	3 916.4	4 355.0	4 748.0	18 514.9
•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • •		• • • • • • • • • •	• • • • • • • • • • •		

16 HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By gross household income quintile group(a)—1998–99

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

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

(a) The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order of their total gross weekly income.

(b) Excludes sports clubs.

17 HOUSEHOLD EXPENDITURE ON SELECTED person(a)—1998–99	d other le	EISURE PR	RODUCTS, E	By age of re	eference		
•••••	•••••	•••••	•••••	•••••	• • • • • • • • • •	•••••	
	AGE GROUP (YEARS)						
	Less than 25	25–34	35–44	45–64	65 and over	All households	
	A	VERAGE W	EEKLY HOUS	SEHOLD EXP	ENDITURE	(\$)	
Food and beverage serving services							
Meals served in restaurants, hotels, clubs and related	13.84	14.31	15.36	18.47	7.13	14.51	
Alcoholic beverages served in licensed premises	10.24	7.68	6.17	7.56	2.77	6.49	
Total	24.08	21.99	21.53	26.03	9.90	21.00	
Gambling							
Lotteries, lotto-style and 'instant money' games	1.47	1.88	3.31	4.58	3.97	3.47	
Other gambling	*1.58	*1.58	2.12	*2.63	3.07	2.33	
Total	3.05	3.46	5.43	7.21	7.04	5.80	
Miscellaneous other leisure products							
Caravan related expenditure	np	*0.64	1.18	1.43	*1.28	1.12	
Amusement arcade machines	*0.24	*0.08	0.15	0.11	0.00	0.10	
Toys and other recreational equipment	*1.19	4.28	4.01	3.33	0.97	3.11	
Sightseeing tours	*0.80	1.03	*1.89	2.38	*3.01	2.04	
Animal purchases	**0.37	**0.35	**0.70	*0.38	0.16	0.41	
Dance and nightclub fees and charges	*1.24	0.69	0.76	1.09	0.31	0.80	
Club and association subscriptions(b)	*0.26	0.36	*0.70	1.06	0.49	0.69	
Total	4.20	7.44	9.39	9.79	6.22	8.25	
Total expenditure on selected other leisure							
products	31.32	32.89	36.35	43.02	23.16	35.06	
Total expenditure on all products	686.41	724.88	809.66	784.44	395.93	698.97	
•••••••••••••••••	• • • • • • • • • • •	• • • • • • • • •	•••••	• • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • •	
Average weekly household income (\$)	811.97	948.89	1 041.70	1 008.58	384.06	874.49	
Number of households ('000)	381.0	1 405.4	1 643.2	2 331.1	1 362.2	7 122.8	

17 HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By age of reference

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

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

880.0 3 868.6 5 470.1 6 062.2 2 234.0 18 514.9

(a) Refer to paragraph 13 of the Explanatory Notes for an explanation of how the reference person in the household is chosen.

(b) Excludes sports clubs.

Number of persons ('000)

reference person(a)—1998-99			, 2, 000000	01 01 01	
•••••		OVERSEAS	••••	•••••	• • • • • • • • • • • •
	Australia	Main English- speaking countries	Other	Total overseas	All households
	AVE	RAGE WEEKLY	HOUSEHOLD	EXPENDITUR	RE (\$)
Food and beverage serving services					
Meals served in restaurants, hotels, clubs and related Alcoholic beverages served in licensed premises	14.18 7.02	15.36 7.90	15.37 3.01	15.37 5.12	14.51 6.49
Total	21.20	23.26	18.38	20.49	21.00
Gambling Lotteries, lotto-style and 'instant money' games Other gambling	3.44 2.21	4.00 3.34	3.21 *2.13	3.55 2.65	3.47 2.33
Total	5.65	7.34	5.34	6.20	5.80
Miscellaneous other leisure products					
Caravan related expenditure	1.33	*0.69	*0.48	0.57	1.12
Amusement arcade machines	0.09	*0.11	*0.12	0.12	0.10
Toys and other recreational equipment	3.38	3.44	1.63	2.41	3.11
Sightseeing tours	2.35	*1.77	0.80	1.22	2.04
Animal purchases	*0.48	*0.47	**0.04	*0.23	0.41
Dance and nightclub fees and charges	0.77	*0.68	1.01	0.87	0.80
Club and association subscriptions(b)	0.80	*0.50	*0.33	0.40	0.69
Total	9.20	7.67	4.42	5.82	8.25
Total expenditure on selected other leisure products	36.05	38.26	28.13	32.51	35.06
•	007.04	700.04	077.45	704 00	600.07
Total expenditure on all products	697.94	733.81	677.15	701.63	698.97
Average weekly household income (\$)	875.57	938.60	820.83	871.70	874.49
Number of households ('000)	5 132.6	859.7	1 130.5	1 990.2	7 122.8
Number of persons ('000)	13 091.8	2 126.8	3 296.3	5 423.1	18 514.9

18 HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By country of birth of

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

(a) Refer to paragraph 13 of the Explanatory Notes for an explanation of how the reference person in the household is chosen.

(b) Excludes sports clubs.

19 HOUSEHOLD EXPENDITURE ON reference person(a)—1998-99		OTHER LI	EISURE PF	RODUCTS,	By labour	force sta	tus of	
••••••	EMPLOYE)	•••••••	••••••	•••••	•••••	• • • • • • • • • •	••••
	Employee						Not in the	All
	, ,			Self-		Unem-	labour	house-
	Full-time	Part-time		employed	Total	ployed	force	holds
•••••	•••••						•••••••••••	•••••
		AVE	RAGE WEEI	KLY HOUSE	EHOLD EXPE	NDITURE	(\$)	
Food and beverage serving services								
Meals served in restaurants, hotels, clubs and related	19.69	15.01	18.94	17.21	18.74	4.82	6.63	14.51
Alcoholic beverages served in licensed								
premises	8.83	7.18	8.57	7.33	8.43	2.76	2.82	6.49
Total	28.53	22.18	27.50	24.53	27.17	7.58	9.45	21.00
Gambling								
Lotteries, lotto-style and 'instant money' games	3.83	3.05	3.70	3.60	3.69	1.08	3.23	3.47
Other gambling	2.58	3.14	2.67	np	2.52	np	2.46	2.33
Total	6.41	6.18	6.38	*4.89	6.21	np	5.69	5.80
Miscellaneous other leisure products								
Caravan related expenditure	0.89	*2.02	1.08	**0.82	1.05	np	1.36	1.12
Amusement arcade machines	0.13	*0.13	0.13	*0.16	0.14	np	*0.03	0.10
Toys and other recreational equipment	3.84	3.47	3.78	*4.67	3.88	**2.27	1.59	3.11
Sightseeing tours	2.06	**1.98	2.05	*0.72	1.90	**0.32	2.48	2.04
Animal purchases	*0.60	**0.49	*0.58	**0.06	*0.53	np	*0.18	0.41
Dance and nightclub fees and charges	1.07	0.79	1.02	*0.99	1.02	*0.42	0.37	0.80
Club and association subscriptions(b)	0.88	0.56	0.83	**0.85	0.83	**0.08	0.44	0.69
Total	9.48	9.44	9.47	8.27	9.34	*3.38	6.45	8.25
Total expenditure on selected other leisure products	44.42	37.81	43.35	37.69	42.72	8.80	21.58	35.06
Total expenditure on all products	879.97	713.49	853.14	759.76	842.61	419.94	426.59	698.97
Average weekly household income (\$)	1 274.53	706.87	1 183.04	842.31	1 144.63	294.76	367.32	874.49
Number of households ('000)	3 473.3	667.3	4 140.6	526.1	4 666.7	206.4	2 249.7	7 122.8
Number of persons ('000)	10 159.8	1 825.2	11 985.0	1 481.3	13 466.3	455.9	4 592.7	18 514.9
••••••	•••••	••••	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	••••

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

(a) Refer to paragraph 13 of the Explanatory Notes for an explanation of how the reference person in the household is chosen.

(b) Excludes sports clubs.

person(a)—1998–99										
	Managers and admini-	Profess-	Associate profess-	Trades- persons & related	Advanced clerical & service	Inter- mediate clerical, sales &	Inter- mediate produc- tion & transport	Elemen- tary clerical, sales & service	Labourers & related	Total
	strators	ionals	ionals	workers	workers	workers	workers	workers	workers	employed
	•••••	•••••	AVEF	AGE WEE	KLY HOUS	EHOLD E	XPENDITU	RE (\$)		••••
Food and beverage serving services										
Meals served in restaurants, hotels, clubs and related	28.80	25.52	21.21	15.77	16.82	16.55	10.66	10.32	*11.10	18.74
Alcoholic beverages served in licensed premises	9.66	8.84	8.68	8.88	9.82	9.30	5.80	6.94	7.08	8.43
Total	38.46	34.36	29.90	24.65	26.63	25.84	16.46	17.26	18.18	27.17
Gambling										
Lotteries, lotto-style and 'instant money' games	3.50	2.40	3.73	4.06	*5.63	3.94	5.23	3.30	3.83	3.69
Other gambling	*2.99	**1.05	*2.48	3.60	*5.47	*3.06	*3.24	*1.89	**1.56	2.52
Total	6.49	3.45	6.20	7.66	11.10	7.00	8.46	5.20	5.39	6.21
Miscellaneous other leisure products										
Caravan related expenditure	*0.82	*0.82	*1.02	*1.47	**0.62	np	*1.28	**1.67	*1.26	1.05
Amusement arcade machines	*0.20	0.21	*0.15	*0.12	np	*0.03	*0.09	**0.10	*0.16	0.14
Toys and other recreational equipment	5.21	5.16	3.68	3.01	*6.16	*3.99	2.41	2.08	2.99	3.88
Sightseeing tours	*3.98	2.87	*1.25	*1.40	*3.32	**1.90	0.72	**1.10	**0.55	1.90
Animal purchases	np	**0.26	**0.19	**0.24	np	*0.46	np	**2.16	np	*0.53
Dance and nightclub fees and charges	1.35	1.18	*0.97	1.11	*1.60	0.56	0.80	*1.38	*0.68	1.02
Club and association subscriptions(b)	*1.51	*1.21	*0.81	0.46	**0.56	*0.64	**0.64	*0.38	**0.77	0.83
Total	14.38	11.70	8.07	7.81	12.41	8.22	6.81	8.86	6.60	9.34
Total expenditure on selected other leisure products	59.34	49.51	44.17	40.11	50.15	41.06	31.73	31.32	30.17	42.72
Total expenditure on all products	989.20	976.67	878.59	798.55	883.06	750.92	780.42	688.06	664.51	842.61
Average weekly household income (\$)	1 527.11	1 384.33	1 215.12	1 076.91	994.93	935.73	1 035.45	794.04	859.49	1 144.63
Number of households ('000)	428.0	1 015.5	633.5	711.4	139.2	612.2	473.2	256.5	397.1	4 666.7
Number of persons ('000)	1 278.6	2 793.4	1 842.1	2 069.6	427.7	1 680.8	1 546.0	650.7	1 177.4	13 466.3

20 HOUSEHOLD EXPENDITURE ON SELECTED OTHER LEISURE PRODUCTS, By occupation of reference person(a)-1998-99

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

** estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use

np not available for publication but included in totals where applicable (relative standard error greater than 75%)

(a) Includes only those households where the reference person was employed. Refer to paragraph 13 of the Explanatory Notes

for an explanation of how the reference person in the household is chosen.

(b) Excludes sports clubs.

EXPLANATORY NOTES.....

INTRODUCTION

1 The ABS collects information about the expenditure and income of households resident in private dwellings throughout Australia approximately every five years via the Household Expenditure Survey. This report presents detailed information from the 1998–99 Household Expenditure Survey about the purchase by households of sports, physical recreation and other leisure products. It also presents a comparison at constant prices of this 1998–99 data with the data relating to sports, physical recreation and other leisure purchases made by households during 1993–94.

2 For the 1998–99 Household Expenditure Survey, information was collected during personal interviews and from diaries in which survey participants recorded all their expenditure over a two-week period. For some of the less frequently purchased items, the time period asked about varied from three months (e.g. for video cassette recorders) to two years for real estate. Interviews were evenly spread throughout the financial year beginning July 1998 and ending June 1999.

EXPENDITURE CLASSIFICATIONS

3 The 1998–99 Household Expenditure Survey used the Household Expenditure Classification to categorise all the products listed in the *Household Expenditure Survey: User Guide, Australia, 1998–99* (ABS cat. no. 6527.0). The *Australian Culture and Leisure Classifications (ACLC)* (ABS cat. no. 4902.0) was used as a guide to determine which of the Household Expenditure Classification categories were predominantly related to sports and physical recreation, and which to other leisure. See the appendix for examples of the products included in each of the categories presented in this report.

4 Because there is not an exact match between the categories of the Household Expenditure Classification and those of the Product Classification of the ACLC, there are instances of individual products which are out of scope of the ACLC being included, and in-scope products being excluded. For example; sports bags, gun oil and powder scales are all classed as sports and physical recreation equipment in the Household Expenditure Classification but are out of scope of the ACLC Product Classification.

5 Some products which the ACLC would deem as relating to sports and physical recreation are included in other leisure categories within the Household Expenditure Classification, and vice-versa. This is illustrated by the fact that skipping ropes and skateboards are included in the Household Expenditure Classification category Recreation and education equipment n.e.c., which consists largely of products relating to other leisure. However, the ACLC Product Classification classifies skipping ropes and skateboards as sports and physical recreation equipment.

EXPENDITURE CLASSIFICATIONS continued

6 Although, for the 1998–99 Household Expenditure Survey, consumer purchases are categorised using the Household Expenditure Classification, earlier surveys used the Household Expenditure Survey Commodity Code List. Most sports, physical recreation and other leisure items are comparable between the two classifications. However, as a result of some exceptions, it has been necessary to either collapse or omit some expenditure categories from the comparison of 1998–99 data with that from the previous Household Expenditure Survey.

7 Fishing equipment, Golf equipment and Other sports and physical recreation equipment are all separate categories within the Household Expenditure Classification, used in 1998–99. However, within the earlier Commodity Code List, used in 1993–94, they are all combined into a single category. Hence it was necessary to collapse them into the single category, Sports and physical recreation equipment, in order to compare 1998–99 expenditure with that for 1993–94.

8 The expenditure category, Sports or physical recreation footwear, presented in this report is a combination of the Household Expenditure Classification categories Specialist sports shoes and Sports and leisure footwear. In the earlier Commodity Code List, used in 1993–94, Specialist sports shoes are part of the same general sporting goods category as Fishing equipment and Golf equipment. Hence, for the purposes of comparing expenditure over time, it was necessary to also include Specialist sports shoes in the category, Sports and physical recreation equipment.

9 Sports and leisure footwear is a separate category within the Household Expenditure Classification. However, within the Commodity Code List, used in 1993–94, it is part of the general footwear category and this is predominantly out of scope of the ACLC Product Classification. Hence it was necessary for Sports and leisure footwear to be omitted from the comparison of expenditure over time.

10 Because of high relative standard errors being associated with the Household Expenditure Classification category Above ground pools, it was necessary to combine it with the category In-ground swimming pools in order to present useful data. For neatness of presentation, the combined category Swimming pools has been included in the report as part of the product group Sports, physical recreation and camping equipment. It should be noted that, in the ACLC Product Classification, in-ground swimming pools are part of the product group Culture or Leisure Venues and Facilities.

11 The Household Expenditure Classification category Hire of sports equipment corresponds to an ACLC Product Classification category within the product group Leasing services of culture or leisure goods which is otherwise out of scope of sports and physical recreation. For neatness of presentation, Hire of sports equipment has been included in the report as part of the product group Sports and physical recreation services.

EXPLANATORY NOTES

HOUSEHOLDS

12 For the Household Expenditure Surveys, the basic unit of analysis is the household which is defined as a person or group of people who usually live in the same dwelling and make common provision for food and other essentials required for living. Usual residents of households in private dwellings in all areas of Australia except remote and sparsely settled areas are in scope of the surveys. Private dwellings include houses, flats, home units, caravans, garages, tents and other structures being used as places of residence at the time of interview. In 1998–99, there were 6,893 households which provided usable information for the Household Expenditure Survey.

REFERENCE PERSON

- **13** For Household Expenditure Survey purposes, the reference person:
- in a one-person household is that person
- in a one-parent household is the parent
- in a couple household (with or without children) is the partner with the highest income
- in other households is determined according to the particular household characteristics. (See Glossary in *Household Expenditure Survey, Summary of Results, 1998–99* (cat. no. 6530.0) for further details.)

CONSTANT PRICES

14 To enable comparisons of household expenditure between the 1998–99 and 1993–94 surveys to be made without the effects of price changes, estimates from the 1993–94 survey have been adjusted to constant prices (average 1998–99 prices). These estimates have been derived using the Consumer Price Index (CPI) which is a general indicator of the rate of change in prices paid by metropolitan households for the goods and services they buy.

15 Each category of sports and physical recreation expenditure and other leisure expenditure recorded in the Household Expenditure Surveys was adjusted according to the change in the index of the relevant CPI sub-group. For example, spectator admission fees to sport were adjusted according to the Other recreational activities index which rose between 1993–94 and 1998–99. Boat parts and accessories were adjusted according to the Sports and recreational equipment index which fell between 1993–94 and 1998–94 and 1998–99.

16 Gambling expenditure is not included in the CPI. Hence there was no sub-group index which could be used to adjust the 1993–94 estimates to constant prices. As a result, it was decided that the all groups index (i.e. the overall CPI) should be used to express the 1993–94 levels of gambling expenditure in 1998–99 dollars.

17 In-ground swimming pools were included in the CPI for 1998–99 but not for 1993–94. Hence no constant price adjustment could be made and this product has been omitted from the comparison.

CONSTANT PRICES continued

18 The following table shows average weekly household expenditure on sports, physical recreation and other leisure at current prices (no adjustment for price increases) and at constant prices (adjustment for price increases). For example, sports and physical recreation expenditure in 1993–94 was \$8.03 per week in current price terms (1993–94 prices) and \$8.96 in constant price terms (1998–99 prices).

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON SPORTS, PHYSICAL RECREATION AND OTHER LEISURE, At Current and Constant prices— 1993–94 and 1998–99

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	1993–94		1998–99
	Current prices(a)	Constant prices(b)	Current prices(a)
	\$/week	\$/week	\$/week
Sports and recreation vehicles	0.55	0.55	1.33
Sports, physical recreation and camping equipment(c)	2.78	2.76	2.28
Sports and physical recreation services	4.70	5.66	5.30
Total expenditure on sports and physical recreation(c)	8.03	8.96	8.91
Alcoholic beverages served in licensed premises	6.60	7.53	6.49
Gambling	5.17	5.70	5.80
Miscellaneous other leisure products	7.82	8.43	8.25
Total expenditure on other leisure products(d)	19.60	21.65	20.54

(a) Not adjusted for price increases.

(b) Expressed in 1998–99 prices.

(c) Excludes swimming pools.

(d) Excludes Meals served in restaurants, hotels, clubs and related.

DATA INTERPRETATION

19 The figures for total expenditure on all products are slightly higher for the sports and physical recreation tables in Part A of this report than they are for the other leisure tables in Part B. This is because of the inclusion of in-ground swimming pools in Part A. The Household Expenditure Survey excludes in-ground swimming pools from household expenditure on products and instead treats them separately as capital housing costs. Hence they are not included in the total average weekly household expenditure for 1998–99 of \$698.97. However, because in-ground swimming pools have been included in Part A as sports and physical recreation products, it is necessary that they also be included in total expenditure. As a result, the total average weekly expenditure on products shown in Part A is \$700.10.

DATA INTERPRETATION continued

20 For each product category, total annual expenditure for all households is calculated by multiplying average weekly household expenditure by the number of weeks in a year and the number of households reporting expenditure. For product totals and sub-totals, annual expenditure is calculated in the same way. In these calculations, average weekly household expenditure is expressed only to the nearest cent. As a result, it is possible for a discrepancy to occur between an annual expenditure total or sub-total calculated as described and the figure which would be obtained by summing the annual expenditures on its component products. This discrepancy can be larger than would normally be expected with rounding errors. Nevertheless, it is the figure calculated as first described which is the more accurate.

RELIABILITY OF THE ESTIMATES

21 Survey estimates are subject to two types of error, namely sampling error and non-sampling error. Sampling error arises because only a proportion of the entire population is surveyed. As the sample selected may not be representative of the entire population, the estimates produced from the survey may differ from the figures that would have been produced if information had been collected from all households.

22 A measure of this sampling variability is given by the standard error. It gives an indication of the extent to which an estimate may vary from the true figure. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all households had been enumerated and about 19 chances in 20 that the estimate will differ by less than two standard errors.

23 The standard error can be expressed as a percentage of the estimate. This is known as the relative standard error (RSE). Only estimates with a RSE of 25% or less are considered sufficiently reliable for most purposes. Those estimates with a RSE between 25% and 50% have been asterisked in this report and should be used with caution. Estimates with a RSE in excess of 50% but less than or equal to 75% have been annotated with two asterisks. These are considered too unreliable for general use. Estimates with a RSE in excess of 75% have been marked as not available for publication (np) but are included in totals where applicable.

24 Further information on standard errors for the 1998–99 Household Expenditure Survey are contained in Appendix 1 of the ABS publication Household Expenditure Survey, Australia, User Guide, 1998–99 (ABS cat. no. 6527.0).

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RELIABILITY OF THE ESTIMATES continued

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25 Non-sampling errors arise from inaccuracies in collecting, recording and processing the data. These errors may arise regardless of whether a collection is a survey or a census. Major sources of non-sampling error are:

- inability to obtain data from all households included in the sample;
- errors in reporting on the part of both respondents and interviewers (e.g. because of misunderstandings about the data required, inability or unwillingness to provide the data, etc.); and
- errors arising during processing of the survey data.

Every effort is made to minimise non-sampling errors.

RELATED PUBLICATIONS

Housebold Expenditure Survey, Australia, User Guide (ABS cat. no. 6527.0)
Housebold Expenditure Survey, Summary of Results, Australia (ABS cat. no. 6530.0)
Housebold Expenditure Survey, Detailed Expenditure Items, Australia (ABS cat. no. 6535.0)
Australian Culture and Leisure Classifications (ABS cat. no. 4902.0)
A Guide to the Consumer Price Index, 14th Series (ABS cat. no. 6440.0)
Consumer Price Index (ABS cat. no. 6401.0)

SYMBOLS AND ABBREVIATIONS

ABS	Australian Bureau of Statistics
СЫ	Consumer Price Index
*	estimate has a relative standard error of between 25% and 50% and should be used with caution
**	estimate has a relative standard error greater than 50% but less than or equal to 75% and is considered too unreliable for general use
\$m	million dollars
	nil or rounded to zero
np	not available for publication but included in totals where applicable (relative standard error greater than 75%)
n.e.c.	not elsewhere classified

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APPENDIX

SPORTS, PHYSICAL RECREATION AND OTHER LEISURE CATEGORIES IN THE HOUSEHOLD EXPENDITURE CLASSIFICATION.....

The following list gives examples of the types of items included in the categories of the Household Expenditure Classification which appear in this report. The industry and product classifications of the *Australian Culture and Leisure Classifications, 2001* (ABS cat. no. 4902.0) were the guides used in determining which Household Expenditure Classification categories consisted wholly or predominantly of sports and physical recreation products, and which consisted wholly or predominantly of other leisure products.

SPORTS AND PHYSICAL RECREATION

SPORTS AND RECREATION VEHICLES

Bicycles

Boats, their parts and accessories Anchor Anchor rope Boat Boat accessories Boat engine Boat licence Boat parts Boat ramp launching fee Canoe Depth sounder Kayak Life jacket Life raft Marine radio Oar Paddle Radar (marine) Rowing boat Sail for boat Sailing boat Sonar Yacht

SPORTS, PHYSICAL RECREATION AND CAMPING EQUIPMENT

Camping equipment

.

Camp bed

Camp stretcher

Camping equipment

Fly sheet

Ground sheet

Sleeping bag Space blanket

Tent

Tent pegs

Tent poles

Fishing equipment

Fishing bait

Fishing equipment

Fishing reel

Fishing rod

Fishing tackle

Tackle box (fishing)

Golf equipment

Golf bag Golf balls Golf buggy

Golf clubs

Golf tees

Sports or physical recreation footwear

Football boots

Golf shoes

Gym boots

Jogging shoes

Running spikes

Sand shoes

Sneakers

Specialist sports shoes

Sports and leisure footwear

Swimming pools

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Above-ground swimming pool In-ground swimming pool Wading pool (children's)

.

Other sports and physical recreation equipment Air rifle Archery set Bag (sports) Baseball Baseball base Baseball bat Baseball glove Basketball Basketball hoop Bat (cricket) Bathing cap Billiard balls Billiard table Bow (archery) Bowling ball Boxing gloves Bullets Cricket ball Cricket bat grip Cue (for billiards and similar games) Dart board Dart set Diving goggles Exercising equipment Football Go-cart Gun Gun cleaning kit Gun oil Headband (sport) Hockey ball Hockey stick Ice skates Mouth guard Powder scales (gun) Racquet press Rifle

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Other sports and physical recreation equipment continued

.

Shin pads

Shot gun cartridges

Shoulder pads

Ski equipment

Skindiving equipment

Snooker balls Snooker table

Snow skis

Soccer ball

Softball

Softball base

Softball bat Softball glove

Squash balls

Squash racquet

Surfboard

Surfboard wax

Table tennis ball

Table tennis bat

Table tennis net

Table tennis table

Tennis balls

Tennis racquet

Volleyball

Volleyball net

Waterskis

Wetsuit

Windsurfer

SPORTS AND PHYSICAL RECREATION SERVICES

Hire of sports equipment

Bicycle hire

Golf ball hire

Golf club hire

Ski equipment hire Sports racquet hire

Towel hire

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.

Health and fitness studio charges Aerobic class Callisthenics Exercise class Fitness assessment Fitness class Fitness membership Gym work-out Health parlour Sauna Slimming and health parlour Turkish bath Sporting club subscriptions Bowls club fees Cricket club fees Croquet club fees Football club subscription Golf club membership fees Hockey club fees Police boys club fees Sport club fee Swimming club fees Spectator admission fees to sport Car races admission fee Football admission fee Golf admission fee Hockey admission fee Horse races admission fee Soccer admission fee Sport fixture admission fee Tennis admission fee Wrestling admission fee Sports facility hire charges Badminton games Baseball fees Bowls game (participation fee) Bowls green fee Caddy fees (golf) Competition fee to participate in sport Competition payment (sport) Croquet game (participation fee)

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Sports facility hire charges continued Golf caddy fees Golf game (participation fee) Golf green fees Green fees (miscellaneous) Indoor bowls (fee) Indoor cricket game (fee) Indoor soccer game (fee) Indoor tennis (fee) Injury fund (football team) Licence (sports) Mini-golf game Netball game (fee) Shoe hire (ten pin bowling) Ski guide fees Ski lift fees Skiing fees/fares Sports participation fee Squash court hire Tennis club ball fee Tennis court hire Tennis game Tenpin bowling game (participation fee) Trophy fund (e.g. for bowls)

.

Sports lessons

Coaching (sport) Gym lessons Squash lessons Swimming lessons Tennis lessons

OTHER LEISURE

FOOD AND BEVERAGE SERVING SERVICES

Meals served in restaurants, hotels, clubs and related
Bistro meal
Breakfast out
Buffet lunch
Caterers fees
Chinese meal out
Corkage fee
Counter lunch
Dinner out

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Meals served in restaurants, hotels, clubs and related continued

Lunch out

Meal (restaurant)

Meal and drinks out (where not separable)

Meal and entertainment (where not separable)

Pancake (meal out)

Pizza (eat in)

Smorgasbord

Tea out

Alcoholic beverages served in licensed premises

Beer consumed on licensed premises

Cider consumed on licensed premises

Cocktails consumed on licensed premises

Fortified wine consumed on licensed premises

Light beer consumed on licensed premises

Red wine consumed on licensed premises

RTD (ready to drink) alcoholic beverages consumed on licensed premises

Sparkling wine consumed on licensed premises

Spirits (mixed) consumed on licensed premises

Spirits (straight) consumed on licensed premises

Stout consumed on licensed premises

White wine consumed on licensed premises

Wine cooler consumed on licensed premises

GAMBLING

Lotteries, lotto-style and 'instant money' games Art Union (state lottery) Casket ticket Instant lottery (scratch cards) Keno from newsagent Lottery tickets Lotto-style games Pools ticket Scratchies Slip Piks Sweep ticket (lottery) Tattslotto X – lotto

Other gambling 100 Club ticket Art Union (not state lottery) Beer lottery ticket Beer ticket Bingo Blackjack, roulette and other casino-style games Bookmaker wager — animal racing Bookmaker wager — not animal racing Casino Keno Club Keno Favourite Numbers — animal racing (TAB – WA) Footy TAB Gambling on Cards Housie Poker machines Punch board Punters Club wager — animal racing On-course betting — animal racing Off-course betting — animal racing Raffle tickets Silver Circle ticket Sweepstake TAB wager — animal racing TAB wager — not animal racing Tabaret The Racing Game Ticket machines

MISCELLANEOUS OTHER LEISURE PRODUCTS

Caravan related expenditure

Camp site fee

- Camping fee
- Caravan hire

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- Caravan park fees
- Caravan purchase

Amusement arcade machines

- Amusement arcade machine playing
- Pinball machine playing
- Space Invaders machine playing

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Toys and other recreational equipment Baby's rattle Backgammon Billy cart Binoculars Board games Cassette case Chess set Coins (for collecting) Collector cards Compact disc scratch remover Compact disc stand Compass (directional type) Computer games (hand held) Dinosaur (toy) Diskette storage unit Doll First day cover Inflatable bed Jigsaw puzzle Lego Li-lo Magnifying glass Marbles Microscope Model aeroplane kits Model car kits Model train kits Opera glasses Outdoor play equipment Plasticine Playdough Playing cards Radio control unit Radio-controlled model car Radio-controlled model plane Record cleaning cloth Record cleaning kit Rollerblades Rollerskates

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Toys and other recreational equipment continued

Skateboard

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Skipping rope

Stamp album

Stamp collecting equipment

Swimming pool filter

Swimming pool vacuum brush

Swings

Teddy bear

Telescope

Toboggan

Transformer (toy)

Tricycle

Troll doll

Yoyo

Sightseeing tours

Boat cruise (day trip)

Bus excursion (day trip)

Day trips and excursions

Holiday cruise

Holiday package tour — Australia (not air fare inclusive) Holiday package tour — overseas (not air fare inclusive) Other package tours — Australia (not air fare inclusive) Other package tours — overseas (not air fare inclusive) Train excursion (day trip)

Animal purchases

Bird Cat Dog Duck (pet) Fish (pet) Goldfish Horse (pet) Pet purchase Pigeon (pet) Puppy Quail (live) Rabbit (pet)

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Dance and nightclub fees and charges Admission fees (disco, nightclub, dance, etc.) Ball ticket Christmas party fund Club entry fee Cover charge (disco, nightclub, dance, etc.) Dance ticket Dinner/dance ticket Nightclub admission Social ticket Works Xmas Club Club and association subscriptions Automobile club membership Boy Scouts (fees) Boys Brigade (fees) Brownies (fees) Card club contribution Church club subscriptions Club and association subscriptions (excluding sports clubs) Cubs (subscriptions) Cultural societies Girl Guides (fees) Girls Brigade (fees) Lodge subscription e.g. M.U.O.O.F (Masons) Mess fees Progress association subscriptions Ratepayers association subscriptions Record club membership Senior citizens club subscriptions Social club fees TPI Association subscription Youth club fees Youth hostel subscriptions

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