



1993-94  
**HOUSEHOLD EXPENDITURE SURVEY**  
**AUSTRALIA**  
**STATES AND TERRITORIES**

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**STATES AND TERRITORIES  
1993-94 HOUSEHOLD EXPENDITURE SURVEY  
AUSTRALIA**

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**AUSTRALIAN BUREAU OF STATISTICS**

**CATALOGUE NO. 6533.0**

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### INQUIRIES

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## SUMMARY OF FINDINGS

### OVERVIEW

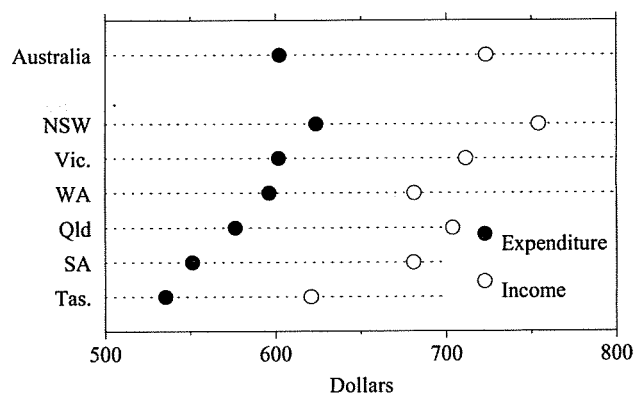
This publication provides information on the levels and patterns of expenditure for households in different geographic areas. Income is a major factor in determining the level and pattern of household expenditure and is used extensively as a classificatory variable in the presentation of the data.

The following summary is divided into three sections. The first examines variations in the levels of expenditure on commodities and services across geographic areas. The second examines the amounts and proportions of expenditure allocated to different commodities and services for different geographic areas with particular attention being given to expenditure on current housing costs. The third compares levels and patterns of expenditure with those obtained from the 1988-89 Household Expenditure Survey.

### LEVELS OF EXPENDITURE

In 1993-94, average weekly household expenditure on commodities and services in Australia was \$602 varying considerably across geographic regions. The highest average weekly expenditure for a state was for New South Wales, at \$624, and the lowest for Tasmania at \$535.

**Figure 1 AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON COMMODITIES AND SERVICES AND AVERAGE WEEKLY HOUSEHOLD INCOME STATES, 1993-94**



Note: The difference between gross income and total expenditure should not be taken as a measure of savings. For further details see explanatory notes paragraphs 16 and 17.

For the capital cities, Canberra and Darwin had the highest level of expenditure (\$749 and \$685 respectively) followed by Sydney at \$669 and Melbourne at \$634. The lowest were for Hobart (\$555) and Adelaide (\$577).

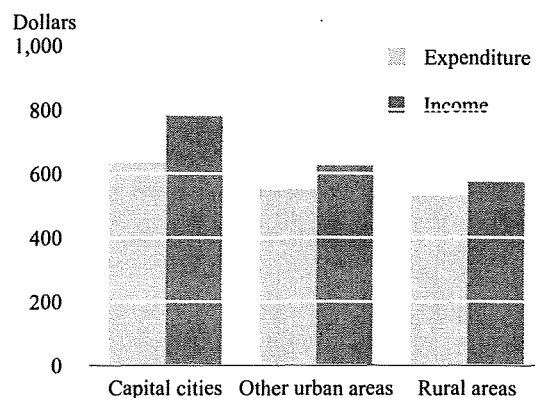
The level of household income is one of the main, but not the only, factor affecting the level of household expenditure. Household income is itself related to the social and demographic characteristics of the household members. Larger households typically have a greater number of income earners and thus higher levels of income and expenditure than smaller households (see table 8). Household income and expenditure are also influenced by such factors as the age of the household members and source of income. The geographic location of households also affects levels of income and expenditure with capital city households typically having higher income and expenditure levels.

Differences in these characteristics of households in each of the states help to explain some of the differences in income and expenditure levels evident in figure 1. For example, Tasmania, with the lowest proportion of households living in the metropolitan area (41%), had the lowest proportion of total household income in the form of employee income (67%) and the highest in the form of government pensions and allowances (17%).

The different levels of income and expenditure at the metropolitan level are more marked than at the state level and this is also reflected in the different household characteristics. Darwin and Canberra have the greatest proportion of income in the form of employee income (85% and 79% respectively), the lowest proportion in the form of government pensions and allowances (8% and 6% respectively) and the lowest proportions of persons in the 65 and over age group.

Household expenditure and income also vary markedly across broad geographic areas within states, that is, between metropolitan areas, other urban areas and rural areas. In 1993-94, average weekly expenditure on commodities and services for rural households was \$531, which was 84 per cent of the \$634 spent by households in metropolitan areas.

**Figure 2 AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON COMMODITIES AND SERVICES AND AVERAGE WEEKLY HOUSEHOLD INCOME BROAD GEOGRAPHIC AREAS, 1993-94**



Note: The difference between gross income and total expenditure should not be taken as a measure of saving. For further details see explanatory notes paragraphs 16 and 17.

The average income level for rural households was also relatively low (\$574 compared to \$783 for metropolitan households) with the difference being partly explained by the different sources of income for rural and metropolitan households. On average, rural households derived only 67 per cent of their income from employee income compared to 75 per cent for households in metropolitan areas. Income from own business and government pensions and allowances was, on the other hand, more prevalent in rural areas (table 19).

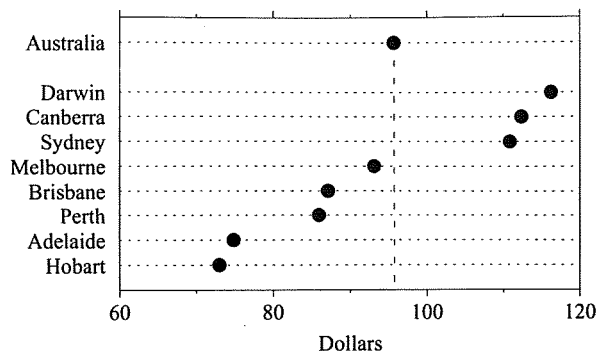
#### PATTERNS OF EXPENDITURE

The pattern of expenditure as well as the total expenditure for households living in different geographic areas also varies. For example, in Tasmania households spent almost twice as much on fuel and power (for cooking and heating) as in Queensland while in Queensland households spent 24 per cent more on transport than in Tasmania. There was also considerable variation in current housing costs. Included in this item were rental payments, mortgage interest payments, rates, insurance and repairs.

Housing costs in capital cities

In 1993-94, households in Darwin and Canberra had comparatively high weekly housing costs, with averages of \$116 and \$112 respectively (figure 3). Housing costs were lowest for households in Hobart at \$73 and Adelaide at \$75.

**Figure 3 AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON CURRENT HOUSING COSTS, CAPITAL CITIES, 1993-94**

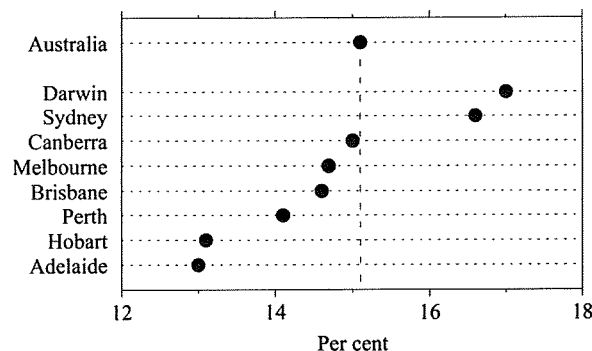


Differences between capital cities in expenditure on current housing costs reflect, as well as differences in house prices and rents, the different types of dwelling tenure. For example, households owning their home have smaller housing costs than those purchasing their home or renting privately. Households in Darwin and Canberra have low rates of home ownership and high rates of home purchasing and this is reflected in their high housing costs (\$116 and \$112 respectively). Households in Adelaide have a high rate of home ownership and relatively low rates of home purchasing and renting privately, and have a lower housing cost (\$75) (table 9).

These differences in housing costs between capital cities were also evident when expressed as a proportion of total household expenditure, with the lowest being 13.0 per cent in Adelaide and the highest being 17.0 per cent in Darwin.

Looking at capital cities over time, average weekly household expenditure on current housing costs for all capital cities has increased by 16 per cent since 1988-89. The highest increase was in Perth (up by 23%), followed by Sydney (20%). Adelaide and Brisbane had the lowest increases (8% and 9% respectively).

**Figure 4 AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON CURRENT HOUSING COSTS AS A PROPORTION OF TOTAL EXPENDITURE ON COMMODITIES AND SERVICES, CAPITAL CITIES, 1993-94**





Housing costs in broad geographical regions

Expenditure on current housing costs also varies markedly between different areas within the states. In 1993-94, the average weekly expenditure on housing in metropolitan areas was \$96, nearly twice the average of \$49 paid in rural areas. These housing costs represented 15 per cent of total expenditure on commodities and services for metropolitan households and 9 per cent of total expenditure for rural households. These differences are again partly a reflection of different types of housing tenure for metropolitan and rural households (table 19).

Other selected expenditure items by state

Average weekly expenditure on other commodities and services also varies across the states. For example, expenditure on fuel and power ranged from \$22 for households in Tasmania to \$12 for households in Queensland (table 1). Households in New South Wales spent an average of \$118 on food and non-alcoholic beverages compared to \$99 for households in South Australia. Expenditure on clothing and footwear varies considerably, with households in Victoria and New South Wales (\$38 and \$35 respectively) spending considerably more than in the other states.

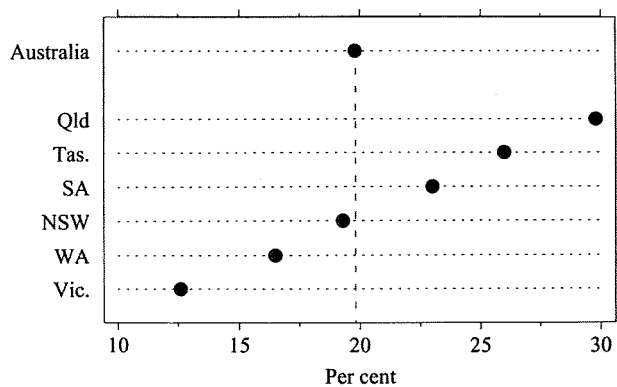
These variations in expenditure on specific commodities and services while varying in absolute terms are much the same in relative terms. When the expenditure is expressed as a proportion of total expenditure on commodities and services, the variations are nowhere near as large. For example, the proportion of total expenditure allocated to food and non-alcoholic beverages varies little across states, with 18 per cent in Queensland, South Australia and Western Australia and 19 per cent in New South Wales, Victoria and Tasmania (table 30).

There are exceptions to this pattern of equal relativities. For example, the proportion spent by households in Tasmania on recreation (15%) was considerably higher, and the proportion spent on housing considerably lower (12%), than the proportions spent by households in other states. Households in Queensland spent the highest proportion on transport (17%) and the lowest on clothing and footwear (5%).

CHANGES IN EXPENDITURE PATTERNS, 1988-89 TO 1993-94

Comparisons with data from the 1988-89 Household Expenditure Survey indicate that levels and patterns of expenditure of households have been changing and that these changes have been different for household in different geographic areas. In the period 1988-89 to 1993-94, the average weekly household expenditure on commodities and services for all Australian households increased by 20 per cent, from \$503 to \$602 (figure 5). The percentage increase in total household expenditure was higher than the Australian average for households in Queensland (30%) Tasmania (26%) and South Australia (23%). The lowest percentage increases in expenditure were for households in Victoria (13%) and Western Australia (17%).

**Figure 5 PERCENTAGE INCREASE IN AVERAGE WEEKLY HOUSEHOLD EXPENDITURE ON COMMODITIES AND SERVICES, STATES, 1988-89 TO 1993-94**



Changes in patterns of expenditure on other commodities and services and for different geographic areas can be further analysed by reference to tables 26, 27 and 28.

## HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY STATE, AUSTRALIA, 1993-94

	State						Australia <sup>1</sup>
	NSW	Vic.	Qld	SA	WA	Tas.	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$) <sup>2</sup>							
<b>Broad expenditure group</b>							
Commodity or service							
Current housing costs (selected dwelling)	95.40	83.11	81.44	70.43	78.02	62.92	85.38
Fuel and power	15.47	21.25	12.14	15.92	16.76	22.46	16.77
Food and non-alcoholic beverages	118.16	111.10	103.32	99.09	108.03	102.10	111.00
Alcoholic beverages	17.85	16.52	17.92	16.45	18.19	15.42	17.46
Tobacco	9.38	8.67	8.91	9.42	9.82	10.10	9.19
Clothing and footwear	35.29	37.61	28.83	29.11	31.56	29.81	33.71
Household furnishings and equipment	42.28	34.55	37.05	37.42	48.03	34.54	39.56
Household services and operation	32.82	30.49	31.90	27.05	32.02	29.68	31.58
Medical care and health expenses	28.59	26.41	25.93	28.43	25.97	24.45	27.14
Transport	94.17	93.62	95.45	83.88	92.10	76.72	93.58
Recreation	78.27	80.65	75.17	76.38	78.28	77.98	79.34
Personal care	11.35	11.27	11.72	11.30	11.24	9.51	11.37
Miscellaneous commodities and services	44.73	46.51	46.70	46.46	46.28	39.65	46.02
<b>Total commodity and service expenditure</b>	<b>623.76</b>	<b>601.76</b>	<b>576.49</b>	<b>551.33</b>	<b>596.31</b>	<b>535.34</b>	<b>602.11</b>
Selected other payments							
Income tax	149.43	130.52	128.29	123.89	125.57	103.40	136.99
Mortgage payments — principal (selected dwelling)	23.56	20.72	16.80	14.00	23.38	13.47	20.78
Other capital housing costs *	30.89	31.52	14.31	36.78	45.93	29.45	29.46
Superannuation and life insurance	24.29	19.85	22.35	16.62	20.07	22.80	22.32
HOUSEHOLD CHARACTERISTICS							
Average weekly household income (\$)	754.01	711.82	703.65	680.73	680.95	620.50	723.26
<b>Source of income (% of total income)</b>							
Weekly employee income	74.4	73.2	69.1	71.5	71.2	67.1	72.7
Weekly own business income	7.0	5.3	11.2	7.2	8.5	7.5	7.5
Weekly government pensions and allowances	12.6	13.8	12.7	14.6	13.5	16.9	13.0
Weekly income from other sources	6.0	7.6	7.1	6.7	6.8	8.5	6.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	48	48	47	48	45	48	47
<b>Average number of persons in the household</b>							
Under 18 years	0.71	0.66	0.70	0.55	0.78	0.65	0.69
18 to 64 years	1.64	1.68	1.65	1.59	1.66	1.57	1.65
65 years and over	0.31	0.30	0.28	0.31	0.24	0.29	0.29
<b>Total</b>	<b>2.66</b>	<b>2.63</b>	<b>2.62</b>	<b>2.45</b>	<b>2.68</b>	<b>2.51</b>	<b>2.63</b>
<b>Tenure type (% of households)</b>							
Owners	41.5	45.0	43.1	41.9	37.0	47.1	41.9
Purchasers	24.8	27.3	24.9	26.9	31.5	26.7	26.7
Renters from state or territory housing authority	8.3	4.8	4.1	13.4	6.8	7.0	7.1
Renters — other	22.5	20.6	25.0	15.3	21.9	16.3	21.6
Rent free *	3.0	2.3	2.9	2.5	2.8	2.9	2.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.2	1.2	1.3	1.1	1.3	1.1	1.2
<b>Household composition (% of households)</b>							
Couple only	25.1	25.9	26.6	27.8	24.9	28.2	25.9
Couple with dependent children only	23.3	23.2	24.0	22.4	25.8	21.8	23.7
Couple — other	13.2	12.2	12.2	12.1	12.1	11.8	12.4
One parent one family	6.7	7.1	6.3	3.9	7.2	6.2	6.6
Lone person	22.0	21.0	21.6	24.4	21.0	25.5	21.8
Other	9.7	10.6	9.3	9.3	9.0	6.4	9.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Estimated number of households ('000)</b>							
Metropolitan areas	1 393.8	1 178.7	559.2	435.1	485.9	73.9	4 264.4
Other urban areas	675.3	338.0	481.6	92.6	108.5	63.9	1 787.9
Rural areas	162.8	131.5	128.5	49.8	40.8	41.9	564.5
Number of households in sample	2 226	1 782	1 148	719	684	791	8 389
<b>Estimated total number in population ('000)</b>							
Households	2 231.8	1 648.2	1 169.3	577.4	635.1	179.8	6 616.8
Persons	5 939.2	4 334.2	3 066.4	1 416.5	1 700.6	450.4	17 394.6

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> Includes the Northern Territory and the Australian Capital Territory.

<sup>2</sup> See table 30 for the associated percentage distribution table.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**NEW SOUTH WALES, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	267	480	769	1 163	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	51.36	64.54	96.51	117.62	147.06	95.40
Fuel and power	10.73	13.71	15.84	17.29	19.83	15.47
Food and non-alcoholic beverages	62.76	91.28	113.88	139.51	183.57	118.16
Alcoholic beverages	6.49	12.57	17.10	21.43	31.70	17.85
Tobacco	5.60	10.49	11.54	10.62	8.69	9.38
Clothing and footwear	13.95	20.73	27.53	47.39	66.85	35.29
Household furnishings and equipment	20.57	31.08	41.12	46.35	72.36	42.28
Household services and operation	19.79	26.42	32.26	36.56	49.11	32.82
Medical care and health expenses	16.36	18.61	27.07	33.19	47.74	28.59
Transport	40.01	67.38	87.70	120.42	155.47	94.17
Recreation	37.13	49.31	70.61	92.54	141.83	78.27
Personal care	5.86	7.01	10.82	13.53	19.53	11.35
Miscellaneous commodities and services	18.56	20.92	32.16	62.37	89.60	44.73
<i>Total commodity and service expenditure</i>	<b>309.18</b>	<b>434.05</b>	<b>584.14</b>	<b>758.81</b>	<b>1 033.34</b>	<b>623.76</b>
Selected other payments						
Income tax	1.77	17.93	90.46	186.46	450.62	149.43
Mortgage payments — principal (selected dwelling)	3.49	5.19	32.34	29.82	46.98	23.56
Other capital housing costs **	27.76	22.98	22.93	37.61	43.10	30.89
Superannuation and life insurance	3.16	5.11	18.99	29.59	64.62	24.29
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	141.99	359.14	617.15	950.89	1 702.32	754.01
<b>Source of income (% of total income)</b>						
Weekly employee income	10.2	25.4	72.3	84.9	84.5	74.4
Weekly own business income	-21.1	5.9	8.8	6.3	9.4	7.0
Weekly government pensions and allowances	99.0	56.3	11.5	4.9	1.2	12.6
Weekly income from other sources	11.9	12.4	7.4	4.0	4.9	6.0
<i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0
Average age of reference person	60	53	44	41	43	48
<b>Average number of persons in the household</b>						
Under 18 years	0.25	0.71	0.93	0.94	0.71	0.71
18 to 64 years	0.71	1.15	1.77	2.11	2.48	1.64
65 years and over	0.58	0.63	0.19	0.08	0.08	0.31
<i>Total</i>	1.55	2.49	2.89	3.13	3.26	2.66
<b>Tenure type (% of households)</b>						
Owners	55.0	50.0	38.6	29.9	34.0	41.5
Purchasers	5.2	12.5	27.8	35.5	42.8	24.8
Renters from state or territory housing authority	15.9	13.4	5.2	5.7	1.2	8.3
Renters — other	21.0	20.8	24.8	26.5	19.5	22.5
Rent free *	3.0	3.3	3.6	2.4	2.4	3.0
<i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0
Average number of employed persons in household	0.2	0.5	1.3	1.8	2.3	1.2
<b>Household composition (% of households)</b>						
Couple only	17.9	39.8	22.4	22.2	23.4	25.1
Couple with dependent children only	5.5	17.9	33.1	33.9	26.4	23.3
Couple — other	1.3	4.6	10.9	17.5	31.6	13.2
One parent one family	8.0	14.0	6.6	2.9	2.0	6.7
Lone person	64.4	16.6	17.1	8.8	2.6	22.0
Other	2.8	7.1	9.9	14.6	14.0	9.7
<i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0
<b>Estimated number of households ('000)</b>						
Metropolitan areas	250.7	233.4	283.5	292.8	333.4	1 393.8
Other urban areas	166.2	160.3	131.1	119.8	97.9	675.3
Rural areas	32.9	49.3	30.4	35.5	14.7	162.8
Number of households in sample	433	438	448	451	456	2 226
<b>Estimated total number in population ('000)</b>						
Households	449.8	442.9	445.1	448.1	445.9	2 231.8
Persons	695.6	1 102.0	1 287.2	1 400.4	1 454.0	5 939.2

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

## 3

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**VICTORIA, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	271	455	725	1 090	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	46.84	63.81	78.30	102.92	123.63	83.11
Fuel and power	15.88	18.34	21.56	22.95	27.52	21.25
Food and non-alcoholic beverages	59.00	87.54	107.44	130.97	170.43	111.10
Alcoholic beverages	8.01	12.36	16.03	16.78	29.39	16.52
Tobacco	7.14	8.21	9.60	9.59	8.80	8.67
Clothing and footwear	13.53	20.77	40.74	43.75	69.16	37.61
Household furnishings and equipment	15.36	24.10	27.31	37.18	68.74	34.55
Household services and operation	20.00	26.05	30.19	34.58	41.62	30.49
Medical care and health expenses	13.26	18.82	22.83	31.42	45.68	26.41
Transport	44.48	62.32	83.50	114.68	163.01	93.62
Recreation	35.07	53.59	68.70	96.91	148.87	80.65
Personal care	5.91	8.72	10.34	13.91	17.47	11.27
Miscellaneous commodities and services	20.66	24.81	47.12	55.67	84.22	46.51
<i>Total commodity and service expenditure</i>	<b>305.14</b>	<b>429.44</b>	<b>563.67</b>	<b>711.30</b>	<b>998.55</b>	<b>601.76</b>
Selected other payments						
Income tax	2.23	17.76	72.06	165.41	394.97	130.52
Mortgage payments — principal (selected dwelling)	3.96	6.88	16.74	31.03	44.99	20.72
Other capital housing costs **	17.32	5.65	14.99	26.18	93.46	31.52
Superannuation and life insurance	2.71	6.28	16.38	24.63	49.20	19.85
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	164.64	358.74	577.96	887.84	1 568.69	711.82
<b>Source of income (% of total income)</b>						
Weekly employee income	9.4	26.6	66.4	85.6	85.7	73.2
Weekly own business income	-8.5	7.2	7.0	4.4	6.2	5.3
Weekly government pensions and allowances	86.4	51.9	17.0	5.4	1.5	13.8
Weekly income from other sources	12.8	14.3	9.5	4.6	6.6	7.6
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average age of reference person	59	51	44	41	43	48
<b>Average number of persons in the household</b>						
Under 18 years	0.22	0.60	1.00	0.83	0.63	0.66
18 to 64 years	0.75	1.26	1.79	2.14	2.45	1.68
65 years and over	0.57	0.57	0.21	0.09	0.05	0.30
<i>Total</i>	<i>1.54</i>	<i>2.42</i>	<i>3.00</i>	<i>3.05</i>	<i>3.14</i>	<i>2.63</i>
<b>Tenure type (% of households)</b>						
Owners	59.6	49.7	41.7	36.5	37.8	45.0
Purchasers	9.8	13.5	28.8	37.4	47.0	27.3
Renters from state or territory housing authority	8.6	8.6	4.6	1.4	0.6	4.8
Renters — other	18.9	25.1	20.5	24.5	13.8	20.6
Rent free *	3.0	3.1	4.4	0.2	0.8	2.3
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average number of employed persons in household	0.3	0.5	1.2	1.7	2.2	1.2
<b>Household composition (% of households)</b>						
Couple only	18.2	39.9	22.4	23.4	25.7	25.9
Couple with dependent children only	5.9	16.8	33.3	32.5	27.4	23.2
Couple — other	2.0	5.1	11.4	17.1	25.5	12.2
One parent one family	7.0	12.1	10.0	3.4	3.2	7.1
Lone person	65.0	16.7	10.9	9.1	3.6	21.0
Other	1.9	9.5	12.1	14.7	14.6	10.6
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
<b>Estimated number of households ('000)</b>						
Metropolitan areas	220.1	215.7	221.3	244.6	276.9	1 178.7
Other urban areas	80.9	84.0	75.6	59.3	38.3	338.0
Rural areas	27.3	30.8	33.6	25.1	14.7	131.5
Number of households in sample	349	360	360	354	359	1 782
<b>Estimated total number in population ('000)</b>						
Households	328.3	330.5	330.4	329.0	329.9	1 648.2
Persons	504.7	799.5	991.5	1 004.3	1 034.2	4 334.2

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**QUEENSLAND, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	269	461	729	1 046	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	49.09	64.09	84.89	101.00	107.96	81.44
Fuel and power	8.43	10.29	12.32	13.12	16.51	12.14
Food and non-alcoholic beverages	60.01	79.12	99.58	119.78	157.94	103.32
Alcoholic beverages	8.49	13.01	16.47	25.26	26.34	17.92
Tobacco	6.01	7.46	9.52	12.61	8.92	8.91
Clothing and footwear	13.41	13.52	25.78	34.66	56.69	28.83
Household furnishings and equipment	14.12	31.12	36.99	42.29	60.65	37.05
Household services and operation	22.09	25.81	28.69	35.95	46.89	31.90
Medical care and health expenses	13.10	19.02	20.60	31.85	45.06	25.93
Transport	38.93	63.72	92.31	131.19	150.86	95.45
Recreation	39.18	48.68	64.29	72.50	151.06	75.17
Personal care	4.93	7.94	11.95	13.21	20.54	11.72
Miscellaneous commodities and services	16.10	21.51	39.74	65.76	90.25	46.70
<b>Total commodity and service expenditure</b>	<b>293.87</b>	<b>405.29</b>	<b>543.12</b>	<b>699.19</b>	<b>939.67</b>	<b>576.49</b>
Selected other payments						
Income tax	2.31	19.80	80.46	156.71	381.57	128.29
Mortgage payments — principal (selected dwelling)	2.31	3.98	18.99	16.76	41.87	16.80
Other capital housing costs **	6.72	-10.16	37.15	3.24	34.43	14.31
Superannuation and life insurance	1.45	5.44	15.59	26.14	63.02	22.35
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	146.44	351.82	589.38	884.13	1 544.04	703.65
<b>Source of income (% of total income)</b>						
Weekly employee income	13.0	32.1	70.7	80.9	75.0	69.1
Weekly own business income *	-23.3	7.7	8.5	10.5	16.6	11.2
Weekly government pensions and allowances	96.2	45.5	14.2	5.0	1.5	12.7
Weekly income from other sources	14.1	14.6	6.7	3.6	6.9	7.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	57	54	43	39	42	47
<b>Average number of persons in the household</b>						
Under 18 years	0.23	0.43	1.00	0.95	0.88	0.70
18 to 64 years	0.83	1.22	1.68	2.07	2.44	1.65
65 years and over	0.51	0.57	0.18	0.07	0.05	0.28
<b>Total</b>	<b>1.57</b>	<b>2.23</b>	<b>2.86</b>	<b>3.08</b>	<b>3.37</b>	<b>2.62</b>
<b>Tenure type (% of households)</b>						
Owners	51.7	56.9	32.5	34.2	40.4	43.1
Purchasers	8.8	11.1	29.8	33.0	41.4	24.9
Renters from state or territory housing authority *	9.0	4.5	5.6	0.8	0.5	4.1
Renters — other	26.1	24.4	28.3	29.8	16.4	25.0
Rent free *	4.4	3.2	3.8	2.1	1.3	2.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.3	0.6	1.2	1.8	2.3	1.3
<b>Household composition (% of households)</b>						
Couple only	20.6	46.0	16.8	27.6	22.1	26.6
Couple with dependent children only	5.1	13.5	34.0	34.0	33.0	24.0
Couple — other	3.1	6.1	9.1	15.0	27.5	12.2
One parent one family *	7.9	9.3	9.1	3.7	1.6	6.3
Lone person	60.5	19.1	21.2	5.9	1.6	21.6
Other	2.9	5.9	9.8	13.9	14.1	9.3
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Estimated number of households ('000)</b>						
Metropolitan areas	101.8	98.3	110.7	117.3	131.0	559.2
Other urban areas	104.7	106.8	95.8	86.2	88.2	481.6
Rural areas	26.9	28.0	28.2	30.6	14.8	128.5
Number of households in sample	236	229	235	221	227	1 148
<b>Estimated total number in population ('000)</b>						
Households	233.5	233.1	234.6	234.1	234.0	1 169.3
Persons	366.4	518.9	670.0	721.8	789.3	3 066.4

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

## 5

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**SOUTH AUSTRALIA, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	250	413	663	1 069	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	40.62	57.20	73.36	83.49	97.57	70.43
Fuel and power	10.82	14.24	15.65	17.73	21.18	15.92
Food and non-alcoholic beverages	51.73	74.18	93.09	120.89	155.69	99.09
Alcoholic beverages	5.58	10.89	19.34	16.87	29.63	16.45
Tobacco	6.04	11.03	9.40	10.44	10.22	9.42
Clothing and footwear	9.93	16.46	24.38	38.26	56.57	29.11
Household furnishings and equipment	19.09	23.38	39.05	48.58	57.03	37.42
Household services and operation	14.90	21.41	27.08	31.93	39.97	27.05
Medical care and health expenses	12.91	16.65	25.33	37.54	49.75	28.43
Transport	24.58	49.94	73.34	111.61	160.06	83.88
Recreation	32.16	46.57	63.28	92.61	147.36	76.38
Personal care	4.85	7.68	10.12	14.45	19.43	11.30
Miscellaneous commodities and services	10.50	19.25	66.35	54.99	81.30	46.46
<i>Total commodity and service expenditure</i>	<b>243.69</b>	<b>368.87</b>	<b>539.76</b>	<b>679.40</b>	<b>925.74</b>	<b>551.33</b>
Selected other payments						
Income tax	2.09	10.96	64.10	159.05	383.31	123.89
Mortgage payments — principal (selected dwelling)*	3.08	6.37	8.95	20.48	31.12	14.00
Other capital housing costs **	0.88	24.89	40.47	53.69	64.13	36.78
Superannuation and life insurance	0.77	5.31	10.49	23.41	43.16	16.62
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	164.46	321.12	523.74	863.73	1 531.61	680.73
<b>Source of income (% of total income)</b>						
Weekly employee income	5.1	20.0	64.3	81.1	86.1	71.5
Weekly own business income *	2.4	3.8	9.4	6.6	8.0	7.2
Weekly government pensions and allowances	84.6	66.4	15.8	5.6	1.2	14.6
Weekly income from other sources	7.9	9.8	10.5	6.7	4.7	6.7
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average age of reference person	59	55	42	43	43	48
<b>Average number of persons in the household</b>						
Under 18 years	0.18	0.39	0.76	0.84	0.57	0.55
18 to 64 years	0.67	1.08	1.70	2.06	2.47	1.59
65 years and over *	0.52	0.67	0.18	0.12	0.05	0.31
<i>Total</i>	<i>1.38</i>	<i>2.15</i>	<i>2.63</i>	<i>3.02</i>	<i>3.10</i>	<i>2.45</i>
<b>Tenure type (% of households)</b>						
Owners	39.6	47.7	35.3	39.7	47.0	41.9
Purchasers	9.4	12.8	27.3	44.3	40.7	26.9
Renters from state or territory housing authority *	29.8	20.3	8.5	5.5	2.7	13.4
Renters — other	16.5	17.8	23.6	9.9	8.9	15.3
Rent free **	4.8	1.3	5.3	0.6	0.6	2.5
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average number of employed persons in household	0.3	0.4	1.1	1.7	2.2	1.1
<b>Household composition (% of households)</b>						
Couple only	9.9	48.3	23.8	28.0	29.6	27.8
Couple with dependent children only	5.8	15.2	30.6	32.2	28.5	22.4
Couple — other *	1.2	1.0	9.8	18.5	29.9	12.1
One parent one family *	3.2	9.6	3.2	3.3	0.0	3.9
Lone person	76.2	16.3	20.0	7.5	1.7	24.4
Other *	3.7	9.6	12.6	10.6	10.3	9.3
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
<b>Estimated number of households ('000)</b>						
Metropolitan areas	81.7	81.1	81.1	92.1	98.9	435.1
Other urban areas *	23.1	24.7	20.8	16.2	7.8	92.6
Rural areas	11.5	8.8	13.3	7.5	8.6	49.8
Number of households in sample	148	148	134	143	146	719
<b>Estimated total number in population ('000)</b>						
Households	116.3	114.6	115.3	115.8	115.4	577.4
Persons	160.0	246.4	303.6	349.3	357.2	1 416.5

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**WESTERN AUSTRALIA, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	256	426	719	1 052	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	39.02	80.88	67.49	86.94	116.10	78.02
Fuel and power	11.48	16.45	17.46	19.20	19.21	16.76
Food and non-alcoholic beverages	60.25	92.69	112.49	122.90	151.93	108.03
Alcoholic beverages	10.90	13.55	16.12	19.99	30.47	18.19
Tobacco	8.06	9.89	10.32	9.76	11.09	9.82
Clothing and footwear	14.12	21.95	27.95	40.30	53.54	31.56
Household furnishings and equipment	26.54	22.82	39.27	56.83	94.88	48.03
Household services and operation	19.08	29.39	31.40	38.10	42.18	32.02
Medical care and health expenses	18.47	20.21	25.28	29.19	36.73	25.97
Transport	39.01	71.93	100.99	92.95	155.86	92.10
Recreation	40.16	50.09	70.39	96.92	134.04	78.28
Personal care	6.65	9.62	11.91	13.01	15.03	11.24
Miscellaneous commodities and services	24.72	32.18	43.52	62.23	68.81	46.28
<b>Total commodity and service expenditure</b>	<b>318.44</b>	<b>471.64</b>	<b>574.59</b>	<b>688.31</b>	<b>929.86</b>	<b>596.31</b>
Selected other payments						
Income tax	2.63	20.12	67.04	167.90	371.26	125.57
Mortgage payments — principal (selected dwelling)*	3.03	8.37	11.78	24.90	69.10	23.38
Other capital housing costs **	-44.21	22.82	14.49	34.98	202.63	45.93
Superannuation and life insurance	4.13	6.98	11.70	30.58	47.05	20.07
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	128.82	343.11	567.29	882.77	1 485.91	680.95
<b>Source of income (% of total income)</b>						
Weekly employee income	42.9	35.4	55.6	80.1	82.3	71.2
Weekly own business income *	-45.0	7.7	6.9	10.8	12.4	8.5
Weekly government pensions and allowances	89.7	46.0	22.6	5.1	1.4	13.5
Weekly income from other sources	12.3	10.9	14.9	4.0	4.0	6.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	54	48	44	39	40	45
<b>Average number of persons in the household</b>						
Under 18 years	0.26	0.57	1.10	1.20	0.76	0.78
18 to 64 years	0.99	1.37	1.63	1.97	2.32	1.66
65 years and over *	0.40	0.44	0.29	0.07	0.01	0.24
<b>Total</b>	<b>1.65</b>	<b>2.38</b>	<b>3.02</b>	<b>3.24</b>	<b>3.09</b>	<b>2.68</b>
<b>Tenure type (% of households)</b>						
Owners	52.8	41.3	37.6	27.0	26.2	37.0
Purchasers	9.2	23.9	22.7	45.3	56.4	31.5
Renters from state or territory housing authority *	15.1	7.5	7.3	2.8	1.2	6.8
Renters — other	19.2	25.3	30.2	21.4	13.5	21.9
Rent free **	3.7	2.0	2.1	3.5	2.8	2.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.5	0.8	1.1	1.8	2.2	1.3
<b>Household composition (% of households)</b>						
Couple only	17.0	39.3	19.0	20.1	29.1	24.9
Couple with dependent children only	7.3	17.4	31.1	43.9	29.3	25.8
Couple — other *	5.8	7.6	10.2	10.0	27.1	12.1
One parent one family *	6.8	10.5	13.4	3.5	1.7	7.2
Lone person	57.6	17.2	15.9	10.3	4.0	21.0
Other *	5.6	8.0	10.5	12.1	8.8	9.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Estimated number of households ('000)</b>						
Metropolitan areas	97.9	88.2	96.6	101.6	101.5	485.9
Other urban areas *	16.1	26.6	22.6	22.0	21.2	108.5
Rural areas	13.2	11.3	8.8	3.8	3.7	40.8
Number of households in sample	133	138	142	134	137	684
<b>Estimated total number in population ('000)</b>						
Households	127.2	126.2	128.0	127.4	126.3	635.1
Persons	210.4	299.8	386.2	413.2	391.0	1 700.6

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.



## 7

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**TASMANIA, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	228	342	657	979	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	45.45	48.27	58.03	74.95	87.94	62.92
Fuel and power	19.45	19.88	22.48	22.27	28.18	22.46
Food and non-alcoholic beverages	55.03	79.75	99.99	115.83	159.63	102.10
Alcoholic beverages	3.83	9.07	13.66	21.11	29.41	15.42
Tobacco	5.65	9.28	9.65	10.87	15.00	10.10
Clothing and footwear	17.51	14.47	26.99	28.89	60.93	29.81
Household furnishings and equipment	14.80	32.61	27.48	30.95	66.51	34.54
Household services and operation	20.01	23.89	29.41	29.73	45.21	29.68
Medical care and health expenses	10.33	14.57	22.07	32.00	43.25	24.45
Transport	46.95	52.65	73.34	95.72	114.97	76.72
Recreation	71.40	45.70	66.25	86.58	119.84	77.98
Personal care	3.81	6.05	9.30	13.48	14.93	9.51
Miscellaneous commodities and services	15.55	36.19	32.55	41.21	72.52	39.65
<i>Total commodity and service expenditure</i>	<b>329.78</b>	<b>392.40</b>	<b>491.20</b>	<b>603.60</b>	<b>858.32</b>	<b>535.34</b>
Selected other payments						
Income tax	1.33	7.81	49.89	145.71	311.49	103.40
Mortgage payments — principal (selected dwelling)*	1.82	2.96	10.09	15.38	36.97	13.47
Other capital housing costs **	18.61	56.95	12.87	22.10	36.53	29.45
Superannuation and life insurance	2.45	3.86	12.08	31.37	64.11	22.80
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	148.91	286.09	491.19	810.62	1 363.25	620.50
<b>Source of income (% of total income)</b>						
Weekly employee income	12.6	15.0	50.0	81.9	81.0	67.1
Weekly own business income *	-8.8	6.8	6.4	9.6	8.6	7.5
Weekly government pensions and allowances	85.2	64.8	29.9	4.4	2.5	16.9
Weekly income from other sources	11.0	13.5	13.8	4.1	8.0	8.5
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	57	55	46	40	43	48
<b>Average number of persons in the household</b>						
Under 18 years	0.36	0.39	0.92	0.63	0.94	0.65
18 to 64 years	0.75	1.19	1.53	1.96	2.42	1.57
65 years and over *	0.45	0.51	0.32	0.09	0.04	0.29
<i>Total</i>	<b>1.57</b>	<b>2.10</b>	<b>2.78</b>	<b>2.68</b>	<b>3.40</b>	<b>2.51</b>
<b>Tenure type (% of households)</b>						
Owners	54.2	59.8	46.8	34.1	40.2	47.1
Purchasers	14.8	10.4	25.3	36.2	47.0	26.7
Renters from state or territory housing authority *	11.4	10.2	9.7	2.3	1.3	7.0
Renters — other	14.0	19.2	13.2	24.1	11.2	16.3
Rent free *	5.6	0.5	5.0	3.3	0.3	2.9
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.4	0.4	0.9	1.6	2.3	1.1
<b>Household composition (% of households)</b>						
Couple only	8.5	54.5	23.4	33.6	21.0	28.2
Couple with dependent children only	9.6	10.3	23.9	30.8	34.7	21.8
Couple — other *	0.7	0.1	12.1	10.7	35.2	11.8
One parent one family *	2.9	15.0	9.6	2.4	1.4	6.2
Lone person	78.3	17.4	18.1	13.3	0.5	25.5
Other *	0.0	2.8	12.8	9.3	7.2	6.4
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Estimated number of households ('000)</b>						
Metropolitan areas	12.0	9.4	19.7	14.7	18.1	73.9
Other urban areas *	12.3	16.1	11.4	12.7	11.4	63.9
Rural areas	11.6	10.6	5.1	7.9	6.7	41.9
Number of households in sample	141	129	192	147	182	791
<b>Estimated total number in population ('000)</b>						
Households	35.9	36.1	36.2	35.3	36.3	179.8
Persons	56.3	75.6	100.5	94.7	123.3	450.4

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

## HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup> AUSTRALIA, 1993-94

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
<b>AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$) <sup>2</sup></b>						
Upper boundary of income quintile group (\$)	267	458	741	1 101	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	47.34	65.18	84.36	102.79	127.29	85.38
Fuel and power	12.09	14.94	17.03	18.35	21.45	16.77
Food and non-alcoholic beverages	60.18	86.44	108.47	129.05	170.91	111.00
Alcoholic beverages	7.69	12.23	17.41	20.33	29.66	17.46
Tobacco	6.38	9.42	10.29	10.82	9.06	9.19
Clothing and footwear	13.80	18.74	30.33	41.52	64.15	33.71
Household furnishings and equipment	18.53	27.57	36.20	45.02	70.49	39.56
Household services and operation	19.92	26.04	30.83	35.78	45.37	31.58
Medical care and health expenses	14.81	18.44	24.26	32.45	45.73	27.14
Transport	40.21	65.03	89.29	116.17	157.26	93.58
Recreation	38.15	50.35	72.26	89.56	146.28	79.34
Personal care	5.62	8.03	10.70	13.48	19.01	11.37
Miscellaneous commodities and services	18.67	23.76	41.64	59.07	86.93	46.02
<b>Total commodity and service expenditure</b>	<b>303.39</b>	<b>426.16</b>	<b>573.07</b>	<b>714.39</b>	<b>993.59</b>	<b>602.11</b>
Selected other payments						
Income tax	2.06	18.01	80.33	171.19	412.86	136.99
Mortgage payments — principal (selected dwelling)	3.36	5.63	17.07	33.29	44.55	20.78
Other capital housing costs *	12.31	13.17	24.21	29.44	68.05	29.46
Superannuation and life insurance	2.79	5.36	16.71	27.94	58.74	22.32
<b>HOUSEHOLD CHARACTERISTICS</b>						
Average weekly household income (\$)	151.66	353.91	592.28	909.22	1 608.77	723.26
<b>Source of income (% of total income)</b>						
Weekly employee income	12.3	27.7	69.2	83.3	83.2	72.7
Weekly own business income	-15.8	6.4	8.0	7.3	9.7	7.5
Weekly government pensions and allowances	91.7	52.4	14.4	5.1	1.3	13.0
Weekly income from other sources	11.8	13.5	8.4	4.4	5.7	6.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	58	52	43	41	43	47
<b>Average number of persons in the household</b>						
Under 18 years	0.25	0.58	0.96	0.93	0.73	0.69
18 to 64 years	0.79	1.20	1.76	2.08	2.44	1.65
65 years and over	0.52	0.59	0.18	0.09	0.06	0.29
<b>Total</b>	<b>1.57</b>	<b>2.37</b>	<b>2.90</b>	<b>3.09</b>	<b>3.22</b>	<b>2.63</b>
<b>Tenure type (% of households)</b>						
Owners	53.0	50.3	36.9	33.1	36.2	41.9
Purchasers	8.6	13.5	28.1	38.5	44.6	26.7
Renters from state or territory housing authority	14.7	10.5	6.0	3.5	1.0	7.1
Renters — other	20.3	22.8	24.9	23.5	16.5	21.6
Rent free	3.5	3.0	4.0	1.5	1.6	2.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.3	0.5	1.2	1.8	2.3	1.2
<b>Household composition (% of households)</b>						
Couple only	17.9	41.5	21.2	23.5	25.3	25.9
Couple with dependent children only	6.3	16.1	33.0	34.5	28.5	23.7
Couple — other	2.2	5.0	10.1	16.7	28.0	12.4
One parent one family	7.3	12.1	8.0	3.5	2.0	6.6
Lone person	63.4	17.5	16.5	8.5	2.9	21.8
Other	2.9	7.8	11.2	13.3	13.2	9.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Estimated number of households ('000)</b>						
Metropolitan areas	784.2	764.7	845.7	862.3	1 007.6	4 264.4
Other urban areas	421.8	405.2	359.0	342.5	259.3	1 787.9
Rural areas	126.3	142.5	121.6	114.6	59.5	564.5
Number of households in sample	1 611	1 617	1 702	1 650	1 809	8 389
<b>Estimated total number in population ('000)</b>						
Households	1 332.2	1 312.4	1 326.3	1 319.4	1 326.5	6 616.8
Persons	2 085.1	3 110.0	3 848.5	4 076.7	4 274.3	17 394.6

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

<sup>2</sup> See table 29 for the associated percentage distribution table.

## HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY CAPITAL CITIES, AUSTRALIA, 1993-94

	Capital city								All capital city households
	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$) <sup>1</sup>									
<b>Broad expenditure group</b>									
Commodity or service									
Current housing costs (selected dwelling)	110.80	93.14	87.09	74.88	85.97	73.01	116.20	112.29	95.74
Fuel and power	15.25	21.74	11.89	16.46	16.74	22.52	16.86	20.54	17.17
Food and non-alcoholic beverages	126.05	115.35	106.89	101.79	109.26	103.92	127.07	126.81	115.83
Alcoholic beverages	17.48	16.18	17.37	15.73	18.33	16.10	25.94	18.65	17.09
Tobacco	9.42	8.41	9.50	9.67	10.54	10.21	14.97	8.53	9.33
Clothing and footwear	38.71	40.67	32.41	31.53	33.17	31.85	24.61	44.11	36.99
Household furnishings and equipment	44.08	35.81	33.40	38.09	47.51	38.70	40.14	46.57	40.12
Household services and operation	34.11	31.00	31.91	28.10	31.91	28.95	41.64	39.47	32.19
Medical care and health expenses	30.35	27.85	25.55	30.30	25.45	27.89	24.82	28.41	28.34
Transport	96.03	95.70	98.78	85.20	94.24	75.80	93.18	127.73	95.44
Recreation	85.98	86.33	77.44	83.16	76.47	77.16	98.24	102.33	83.94
Personal care	12.24	11.95	11.87	12.06	11.90	10.13	10.06	14.16	12.05
Miscellaneous commodities and services	48.47	50.05	51.26	50.47	46.51	39.03	51.73	5 9.78	49.41
<b>Total commodity and service expenditure</b>	<b>668.96</b>	<b>634.18</b>	<b>595.35</b>	<b>577.44</b>	<b>608.00</b>	<b>555.27</b>	<b>685.47</b>	<b>749.37</b>	<b>633.63</b>
Selected other payments									
Income tax	175.31	148.28	146.81	136.49	132.80	121.97	168.22	243.71	156.10
Mortgage payments — principal (selected dwelling)	30.06	22.90	17.05	15.05	27.06	19.46	31.54	32.73	24.40
Other capital housing costs *	40.17	41.89	23.96	36.61	52.45	44.62	50.58	-5.80	38.51
Superannuation and life insurance	26.08	20.13	27.48	18.37	19.58	24.74	34.76	51.01	23.77
HOUSEHOLD CHARACTERISTICS									
Average weekly household income (\$)	833.67	766.26	764.62	721.42	707.97	686.58	864.44	1 037.39	783.14
<b>Source of income (% of total income)</b>									
Weekly employee income	78.0	75.2	69.9	74.4	70.6	69.8	84.5	78.6	75.1
Weekly own business income	6.0	4.7	12.3	5.7	8.9	7.6	4.3	7.2	6.8
Weekly government pensions and allowances	10.1	12.2	11.4	13.4	13.5	14.4	8.1	6.3	11.4
Weekly income from other sources	5.9	7.9	6.4	6.4	7.0	8.2	3.1	7.9	6.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	47	47	47	47	45	46	40	43	47
<b>Average number of persons in the household</b>									
Under 18 years	0.69	0.58	0.64	0.54	0.73	0.72	0.90	0.80	0.65
18 to 64 years	1.72	1.73	1.70	1.63	1.62	1.65	1.82	1.79	1.70
65 years and over	0.29	0.29	0.27	0.28	0.26	0.23	0.08	0.17	0.28
<b>Total</b>	<b>2.69</b>	<b>2.60</b>	<b>2.61</b>	<b>2.46</b>	<b>2.62</b>	<b>2.61</b>	<b>2.80</b>	<b>2.76</b>	<b>2.63</b>
<b>Tenure type (% of households)</b>									
Owners	38.0	43.6	40.0	42.8	34.3	38.9	12.3	24.0	39.4
Purchasers	27.4	28.7	28.1	28.3	33.5	31.2	38.2	37.9	29.0
Renters from state or territory housing authority	7.8	3.3	5.0	11.0	6.3	11.7	22.4	14.4	6.7
Renters — other	24.3	22.9	25.5	16.2	23.4	16.3	25.0	21.7	22.9
Rent free *	2.5	1.6	1.5	1.7	2.5	1.9	2.1	1.9	2.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
Average number of employed persons in household	1.3	1.2	1.3	1.1	1.2	1.2	1.4	1.4	1.3
<b>Household composition (% of households)</b>									
Couple only	22.9	24.5	24.8	25.6	23.8	24.3	19.4	22.0	23.9
Couple with dependent children only	24.1	22.0	20.8	21.2	24.1	22.6	32.5	27.2	22.9
Couple — other	14.3	13.5	15.1	13.3	11.4	12.8	7.7	11.7	13.6
One parent one family	5.5	7.0	5.9	4.4	7.3	7.9	8.1	9.1	6.2
Lone person	21.7	21.3	22.9	25.4	22.8	23.1	18.5	18.1	22.2
Other	11.5	11.8	10.5	10.2	10.7	9.3	13.8	11.9	11.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	1 484	1 322	567	573	536	613	575	437	6 107
<b>Estimated total number in population ('000)</b>									
Households	1 393.8	1 178.7	559.2	435.1	485.9	73.9	27.5	110.5	4 264.4
Persons	3 755.9	3 063.7	1 461.2	1 068.4	1 270.6	192.9	76.9	304.9	11 194.4

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> See table 31 for the associated percentage distribution table

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	283	546	853	1 240	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	55.37	87.87	111.82	135.29	163.66	110.80
Fuel and power	10.56	13.64	15.31	16.40	20.34	15.25
Food and non-alcoholic beverages	68.58	100.49	119.78	147.05	194.39	126.05
Alcoholic beverages	6.52	12.61	16.83	19.89	31.55	17.48
Tobacco	6.51	11.33	12.62	7.32	9.30	9.42
Clothing and footwear	13.86	22.60	32.85	52.57	71.71	38.71
Household furnishings and equipment	24.86	28.75	34.24	49.71	82.87	44.08
Household services and operation	20.41	26.21	33.97	37.17	52.79	34.11
Medical care and health expenses	18.92	18.10	30.16	33.56	51.04	30.35
Transport	46.35	69.81	101.56	113.08	149.34	96.03
Recreation	42.52	52.42	83.05	92.87	159.09	85.98
Personal care	5.86	7.57	12.26	15.92	19.58	12.24
Miscellaneous commodities and services	19.39	23.11	39.87	59.58	100.45	48.47
<i>Total commodity and service expenditure</i>	<b>339.70</b>	<b>474.52</b>	<b>644.32</b>	<b>780.40</b>	<b>1 106.12</b>	<b>668.96</b>
Selected other payments						
Income tax	2.00	31.77	115.78	212.02	515.35	175.31
Mortgage payments — principal (selected dwelling)	4.96	10.44	40.41	36.97	57.48	30.06
Other capital housing costs **	46.31	36.07	14.85	56.01	47.69	40.17
Superannuation and life insurance	3.31	7.82	18.64	32.05	68.62	26.08
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	163.74	411.65	695.97	1 041.46	1 856.46	833.67
<b>Source of income (% of total income)</b>						
Weekly employee income	11.2	44.4	77.9	86.5	86.3	78.0
Weekly own business income	-10.0	7.1	7.0	5.8	6.8	6.0
Weekly government pensions and allowances	88.0	37.8	9.0	4.4	1.1	10.1
Weekly income from other sources	10.8	10.7	6.0	3.3	5.7	5.9
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average age of reference person	59	50	44	41	43	47
<b>Average number of persons in the household</b>						
Under 18 years	0.24	0.79	0.91	0.78	0.72	0.69
18 to 64 years	0.75	1.33	1.82	2.18	2.50	1.72
65 years and over	0.63	0.50	0.15	0.10	0.09	0.29
<i>Total</i>	<i>1.61</i>	<i>2.62</i>	<i>2.87</i>	<i>3.06</i>	<i>3.30</i>	<i>2.69</i>
<b>Tenure type (% of households)</b>						
Owners	55.4	41.9	35.5	27.2	30.2	38.0
Purchasers	5.9	17.9	25.9	41.1	46.1	27.4
Renters from state or territory housing authority *	16.5	13.7	4.6	3.6	0.7	7.8
Renters — other	19.5	24.1	31.7	25.5	20.5	24.3
Rent free *	2.7	2.4	2.4	2.7	2.6	2.5
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average number of employed persons in household	0.2	0.7	1.3	1.9	2.3	1.3
<b>Household composition (% of households)</b>						
Couple only	22.4	31.3	18.3	19.6	23.0	22.9
Couple with dependent children only	5.2	25.4	32.2	30.2	27.4	24.1
Couple — other	2.3	7.1	11.3	20.1	30.8	14.3
One parent one family *	6.5	9.5	6.4	2.8	2.2	5.5
Lone person	59.4	19.4	18.6	8.5	2.6	21.7
Other	4.2	7.3	13.2	18.8	14.0	11.5
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Number of households in sample	294	292	296	302	300	1 484
<b>Estimated total number in population ('000)</b>						
Households	278.4	278.9	279.4	278.7	278.4	1 393.8
Persons	449.2	731.8	802.9	852.9	919.1	3 755.9

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

## 11

HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>  
MELBOURNE, 1993-94

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	281	489	780	1 147	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	52.43	72.92	89.52	112.93	137.96	93.14
Fuel and power	15.31	19.49	22.03	23.90	27.96	21.74
Food and non-alcoholic beverages	58.39	92.25	111.39	134.19	180.58	115.35
Alcoholic beverages	5.97	12.06	15.62	15.35	31.93	16.18
Tobacco	5.52	9.14	7.73	11.48	8.15	8.41
Clothing and footwear	12.10	23.10	43.64	47.62	76.92	40.67
Household furnishings and equipment	14.54	28.28	31.13	36.72	68.41	35.81
Household services and operation	19.08	28.36	28.29	35.22	44.03	31.00
Medical care and health expenses	13.20	19.60	24.85	33.68	47.93	27.85
Transport	36.93	68.84	98.03	100.95	173.82	95.70
Recreation	42.25	52.74	79.00	89.63	168.22	86.33
Personal care	6.03	9.43	11.31	14.30	18.66	11.95
Miscellaneous commodities and services	22.07	32.84	51.88	50.65	92.90	50.05
<i>Total commodity and service expenditure</i>	<b>303.81</b>	<b>469.05</b>	<b>614.42</b>	<b>706.61</b>	<b>1 077.48</b>	<b>634.18</b>
Selected other payments						
Income tax	2.58	22.47	90.31	186.35	440.33	148.28
Mortgage payments — principal (selected dwelling)	4.52	6.92	20.61	34.89	47.60	22.90
Other capital housing costs **	35.16	8.10	13.43	39.92	113.11	41.89
Superannuation and life insurance	2.01	7.29	16.08	24.13	51.19	20.13
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	172.39	381.17	634.00	957.35	1 687.94	766.26
<b>Source of income (% of total income)</b>						
Weekly employee income	8.7	33.3	73.7	87.5	84.7	75.2
Weekly own business income *	-8.0	5.5	4.1	4.2	6.4	4.7
Weekly government pensions and allowances	86.2	47.6	13.1	4.0	1.3	12.2
Weekly income from other sources	13.1	13.7	9.1	4.3	7.6	7.9
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	59	49	44	41	43	47
<b>Average number of persons in the household</b>						
Under 18 years	0.17	0.57	0.80	0.79	0.58	0.58
18 to 64 years	0.73	1.38	1.87	2.15	2.52	1.73
65 years and over	0.61	0.48	0.20	0.09	0.05	0.29
<i>Total</i>	<b>1.51</b>	<b>2.43</b>	<b>2.87</b>	<b>3.04</b>	<b>3.15</b>	<b>2.60</b>
<b>Tenure type (% of households)</b>						
Owners	58.5	47.3	39.0	35.0	38.2	43.6
Purchasers	8.5	16.5	34.2	38.3	46.0	28.7
Renters from state or territory housing authority *	8.0	5.8	2.0	0.7	0.0	3.3
Renters — other	22.7	28.7	22.6	25.5	14.8	22.9
Rent free *	2.4	1.7	2.2	0.5	1.0	1.6
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.2	0.6	1.3	1.8	2.3	1.2
<b>Household composition (% of households)</b>						
Couple only	21.6	32.1	19.6	23.8	25.2	24.5
Couple with dependent children only	4.3	16.3	32.8	31.6	25.1	22.0
Couple — other	2.0	8.7	12.1	17.0	27.6	13.5
One parent one family *	6.4	15.5	6.8	3.3	2.7	7.0
Lone person	63.5	16.2	12.6	10.4	4.0	21.3
Other	2.1	11.2	16.1	13.9	15.4	11.8
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	264	263	267	265	263	1 322
<b>Estimated total number in population ( `000)</b>						
Households	235.0	236.7	236.0	235.8	235.3	1 178.7
Persons	353.8	576.1	677.2	715.6	741.0	3 063.7

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**BRISBANE, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	277	525	775	1 121	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	52.98	69.54	96.41	106.00	110.62	87.09
Fuel and power	7.69	9.61	12.52	13.18	16.44	11.89
Food and non-alcoholic beverages	56.12	83.61	104.51	123.09	167.03	106.89
Alcoholic beverages	7.77	10.13	20.61	21.61	26.69	17.37
Tobacco	6.24	8.92	12.57	12.12	7.70	9.50
Clothing and footwear	9.71	14.58	36.42	34.06	67.03	32.41
Household furnishings and equipment	11.30	27.92	26.77	42.74	58.31	33.40
Household services and operation	21.74	25.77	29.03	36.42	46.59	31.91
Medical care and health expenses	12.55	17.81	21.18	32.68	43.53	25.55
Transport	35.20	68.34	99.91	139.91	150.82	98.78
Recreation	41.87	57.18	71.21	55.04	161.17	77.44
Personal care	4.23	6.95	13.94	12.74	21.42	11.87
Miscellaneous commodities and services	13.99	23.23	50.27	68.08	100.64	51.26
<b>Total commodity and service expenditure</b>	<b>281.37</b>	<b>423.60</b>	<b>595.33</b>	<b>697.66</b>	<b>978.00</b>	<b>595.35</b>
Selected other payments						
Income tax	2.34	29.07	101.92	171.21	428.18	146.81
Mortgage payments — principal (selected dwelling) *	4.82	7.33	20.22	18.33	34.44	17.05
Other capital housing costs **	14.94	10.06	18.69	35.99	40.13	23.96
Superannuation and life insurance	0.98	6.07	16.76	30.98	82.34	27.48
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	182.34	382.55	654.24	939.87	1 661.43	764.62
<b>Source of income (% of total income)</b>						
Weekly employee income	9.2	37.9	76.0	84.7	72.7	69.9
Weekly own business income *	-6.1	8.8	10.6	5.8	19.4	12.3
Weekly government pensions and allowances	82.6	39.6	9.0	6.4	1.4	11.4
Weekly income from other sources *	14.2	13.7	4.5	3.1	6.5	6.4
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	56	53	41	41	43	47
<b>Average number of persons in the household</b>						
Under 18 years	0.19	0.47	0.78	0.91	0.85	0.64
18 to 64 years	0.81	1.22	1.82	2.06	2.58	1.70
65 years and over *	0.55	0.56	0.11	0.12	0.03	0.27
<b>Total</b>	<b>1.55</b>	<b>2.26</b>	<b>2.71</b>	<b>3.10</b>	<b>3.46</b>	<b>2.61</b>
<b>Tenure type (% of households)</b>						
Owners	46.7	45.6	31.7	38.5	37.7	40.0
Purchasers	10.8	16.4	27.6	37.0	48.5	28.1
Renters from state or territory housing authority *	10.4	6.4	7.9	0.0	0.0	5.0
Renters — other	29.3	29.5	30.3	24.4	13.8	25.5
Rent free **	2.7	2.1	2.4	0.0	0.0	1.5
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.3	0.6	1.4	1.9	2.5	1.3
<b>Household composition (% of households)</b>						
Couple only	22.8	39.2	16.0	25.4	20.7	24.8
Couple with dependent children only	3.1	13.6	28.4	27.7	31.1	20.8
Couple — other *	3.8	7.6	11.5	21.2	31.3	15.1
One parent one family *	8.5	7.5	7.6	3.7	2.3	5.9
Lone person *	58.4	25.6	21.5	7.1	1.7	22.9
Other *	3.4	6.6	14.9	14.9	12.9	10.5
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	113	116	119	105	114	567
<b>Estimated total number in population ('000)</b>						
Households	112.5	111.1	112.5	110.5	112.6	559.2
Persons	174.1	250.7	304.6	342.2	389.6	1 461.2

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**ADELAIDE, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
<b>AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)</b>						
Upper boundary of income quintile group (\$)	264	436	748	1 118	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	44.44	67.37	74.90	84.40	103.43	74.88
Fuel and power	10.86	15.23	15.89	19.39	20.98	16.46
Food and non-alcoholic beverages	48.58	78.41	99.65	120.58	161.98	101.79
Alcoholic beverages	5.68	11.20	16.98	16.05	28.77	15.73
Tobacco	6.02	11.03	10.35	10.23	10.75	9.67
Clothing and footwear	10.44	19.95	26.00	38.72	62.61	31.53
Household furnishings and equipment	25.12	22.12	32.18	48.49	62.60	38.09
Household services and operation	15.67	21.52	27.06	32.63	43.70	28.10
Medical care and health expenses	11.85	17.93	27.66	41.67	52.53	30.30
Transport	22.87	41.40	88.77	120.88	152.55	85.20
Recreation	33.98	47.07	77.19	100.96	156.77	83.16
Personal care	5.08	9.09	9.33	15.31	21.51	12.06
Miscellaneous commodities and services	9.71	21.86	72.56	60.01	88.49	50.47
<b>Total commodity and service expenditure</b>	<b>250.30</b>	<b>384.18</b>	<b>578.50</b>	<b>709.32</b>	<b>966.68</b>	<b>577.44</b>
Selected other payments						
Income tax	1.94	16.60	79.06	174.56	410.33	136.49
Mortgage payments — principal (selected dwelling) *	2.82	6.48	10.39	19.08	36.52	15.05
Other capital housing costs **	2.23	10.20	42.51	34.31	93.81	36.61
Superannuation and life insurance	0.96	5.68	13.46	27.41	44.42	18.37
<b>HOUSEHOLD CHARACTERISTICS</b>						
Average weekly household income (\$)	179.60	343.10	572.11	922.51	1 591.29	721.42
<b>Source of income (% of total income)</b>						
Weekly employee income	5.4	27.6	70.4	81.4	89.2	74.4
Weekly own business income *	2.7	5.9	6.0	5.7	5.9	5.7
Weekly government pensions and allowances	83.7	58.1	13.4	5.1	1.1	13.4
Weekly income from other sources *	8.1	8.4	10.1	7.7	3.8	6.4
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	57	50	43	44	43	47
<b>Average number of persons in the household</b>						
Under 18 years	0.21	0.48	0.69	0.76	0.58	0.54
18 to 64 years	0.68	1.16	1.75	2.12	2.48	1.63
65 years and over *	0.50	0.57	0.18	0.11	0.04	0.28
<b>Total</b>	<b>1.39</b>	<b>2.20</b>	<b>2.62</b>	<b>2.98</b>	<b>3.10</b>	<b>2.46</b>
<b>Tenure type (% of households)</b>						
Owners	39.8	43.2	43.7	40.7	46.4	42.8
Purchasers	6.9	14.7	28.7	46.6	45.0	28.3
Renters from state or territory housing authority *	31.7	16.7	2.7	2.7	1.2	11.0
Renters — other	17.7	24.7	22.8	9.2	6.6	16.2
Rent free **	3.8	0.8	2.1	0.7	0.8	1.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.2	0.5	1.1	1.8	2.2	1.1
<b>Household composition (% of households)</b>						
Couple only	9.9	37.4	21.0	27.9	31.8	25.6
Couple with dependent children only	4.8	17.0	26.5	29.1	28.6	21.2
Couple — other *	0.0	2.9	13.2	20.7	29.6	13.3
One parent one family *	6.3	11.4	1.6	2.9	0.0	4.4
Lone person *	75.3	19.9	22.0	7.2	2.3	25.4
Other *	3.8	11.4	15.6	12.3	7.9	10.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	117	121	108	112	115	573
<b>Estimated total number in population ('000)</b>						
Households	87.6	87.1	86.7	86.4	87.3	435.1
Persons	121.6	191.5	227.1	257.8	270.4	1 068.4

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**PERTH, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
<b>AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)</b>						
Upper boundary of income quintile group (\$)	255	454	736	1 063	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	41.41	94.45	69.78	97.50	126.77	85.97
Fuel and power	12.04	15.83	16.82	18.71	20.31	16.74
Food and non-alcoholic beverages	61.81	92.01	112.85	125.73	154.09	109.26
Alcoholic beverages	9.72	12.47	16.71	21.48	31.36	18.33
Tobacco	7.96	10.31	11.17	11.55	11.72	10.54
Clothing and footwear	15.48	19.61	29.60	43.90	57.34	33.17
Household furnishings and equipment	27.78	16.96	40.22	56.67	96.14	47.51
Household services and operation	19.19	30.00	31.24	36.09	43.07	31.91
Medical care and health expenses	15.82	18.57	26.90	28.31	37.71	25.45
Transport	35.24	73.93	103.47	94.21	164.81	94.24
Recreation	40.20	55.67	61.22	100.52	124.80	76.47
Personal care	7.10	10.40	12.67	13.00	16.35	11.90
Miscellaneous commodities and services	18.96	34.10	37.16	67.39	74.98	46.51
<i>Total commodity and service expenditure</i>	<b>312.72</b>	<b>484.33</b>	<b>569.83</b>	<b>715.05</b>	<b>959.46</b>	<b>608.00</b>
Selected other payments						
Income tax	2.80	23.91	74.77	171.97	391.60	132.80
Mortgage payments principal (selected dwelling) *	3.66	9.12	12.17	30.36	80.18	27.06
Other capital housing costs **	-7.56	21.87	3.95	12.36	232.55	52.45
Superannuation and life insurance	2.80	6.14	12.56	30.20	46.26	19.58
<b>HOUSEHOLD CHARACTERISTICS</b>						
Average weekly household income (\$)	153.76	360.54	593.19	900.62	1 535.19	707.97
<b>Source of income (% of total income)</b>						
Weekly employee income	24.3	39.7	57.4	80.0	81.7	70.6
Weekly own business income *	-17.7	3.0	7.4	10.7	12.4	8.9
Weekly government pensions and allowances	82.4	44.0	20.9	5.7	1.5	13.5
Weekly income from other sources *	10.9	13.3	14.3	3.6	4.4	7.0
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average age of reference person	56	48	43	38	40	45
<b>Average number of persons in the household</b>						
Under 18 years	0.22	0.55	0.97	1.26	0.67	0.73
18 to 64 years	0.87	1.27	1.69	1.97	2.30	1.62
65 years and over *	0.44	0.48	0.28	0.08	0.02	0.26
<i>Total</i>	<i>1.52</i>	<i>2.31</i>	<i>2.95</i>	<i>3.31</i>	<i>2.99</i>	<i>2.62</i>
<b>Tenure type (% of households)</b>						
Owners	49.1	39.6	32.7	24.7	25.6	34.3
Purchasers	11.1	19.9	21.2	53.3	61.9	33.5
Renters from state or territory housing authority *	16.8	7.0	7.7	0.0	0.0	6.3
Renters — other	21.1	31.3	33.2	20.2	10.9	23.4
Rent free **	2.0	2.1	5.1	1.8	1.6	2.5
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average number of employed persons in household	0.3	0.7	1.1	1.8	2.1	1.2
<b>Household composition (% of households)</b>						
Couple only	11.7	39.5	18.9	18.1	30.9	23.8
Couple with dependent children only	4.6	13.6	28.9	44.2	29.1	24.1
Couple — other *	6.4	4.7	13.0	10.5	22.6	11.4
One parent one family *	7.6	12.6	12.5	2.4	1.2	7.3
Lone person *	64.7	18.1	15.1	10.6	5.3	22.8
Other *	5.0	11.4	11.6	14.3	10.9	10.7
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Number of households in sample	104	115	105	103	109	536
<b>Estimated total number in population ('000)</b>						
Households	97.3	97.4	96.7	97.7	96.7	485.9
Persons	148.3	224.7	285.2	323.4	288.9	1 270.6

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.



	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	262	448	710	1 093	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	42.94	57.71	77.33	81.38	106.05	73.01
Fuel and power	16.44	21.19	24.33	23.41	27.28	22.52
Food and non-alcoholic beverages	59.80	76.44	104.42	117.32	162.17	103.92
Alcoholic beverages	6.77	11.24	15.24	21.24	26.07	16.10
Tobacco	5.40	12.17	8.69	13.06	11.75	10.21
Clothing and footwear	19.43	13.46	31.85	34.76	59.96	31.85
Household furnishings and equipment	27.67	24.26	47.69	41.28	52.80	38.70
Household services and operation	19.41	23.44	30.05	29.53	42.43	28.95
Medical care and health expenses	12.76	17.37	29.30	32.68	47.54	27.89
Transport	45.80	50.02	89.76	77.94	115.96	75.80
Recreation	42.49	47.48	74.51	94.55	127.20	77.16
Personal care	5.26	5.82	9.93	12.51	17.21	10.13
Miscellaneous commodities and services	15.73	18.30	40.92	44.69	75.86	39.03
<b>Total commodity and service expenditure</b>	<b>319.88</b>	<b>378.90</b>	<b>584.02</b>	<b>624.37</b>	<b>872.28</b>	<b>555.27</b>
Selected other payments						
Income tax	3.01	16.49	77.77	162.07	351.98	121.97
Mortgage payments — principal (selected dwelling) *	2.30	4.36	19.13	24.54	47.21	19.46
Other capital housing costs **	34.65	24.97	24.57	72.25	66.77	44.62
Superannuation and life insurance	4.69	2.60	19.91	34.23	62.54	24.74
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	159.98	349.36	580.80	871.30	1 477.36	686.58
<b>Source of income (% of total income)</b>						
Weekly employee income	16.5	22.4	71.5	80.2	79.6	69.8
Weekly own business income *	-9.5	4.4	3.9	8.4	11.0	7.6
Weekly government pensions and allowances	85.7	57.3	14.3	6.1	2.1	14.4
Weekly income from other sources	7.3	16.0	10.3	5.3	7.3	8.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	53	51	44	41	42	46
<b>Average number of persons in the household</b>						
Under 18 years	0.26	0.74	1.00	0.77	0.85	0.72
18 to 64 years	0.91	1.23	1.66	2.03	2.43	1.65
65 years and over *	0.36	0.48	0.19	0.09	0.04	0.23
<b>Total</b>	<b>1.53</b>	<b>2.46</b>	<b>2.85</b>	<b>2.89</b>	<b>3.33</b>	<b>2.61</b>
<b>Tenure type (% of households)</b>						
Owners	44.2	47.2	37.0	36.4	29.9	38.9
Purchasers	8.7	10.6	40.3	41.7	54.7	31.2
Renters from state or territory housing authority *	26.8	19.9	5.8	3.6	2.0	11.7
Renters — other	16.4	19.6	16.3	16.7	12.5	16.3
Rent free **	3.9	2.6	0.6	1.6	0.8	1.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.3	0.4	1.1	1.6	2.3	1.2
<b>Household composition (% of households)</b>						
Couple only	15.1	37.7	17.2	27.6	24.0	24.3
Couple with dependent children only	5.5	14.3	31.3	31.5	30.4	22.6
Couple — other *	1.7	4.6	5.7	17.6	34.5	12.8
One parent one family *	12.9	13.1	9.7	3.6	0.0	7.9
Lone person	64.7	21.6	19.7	8.2	1.2	23.1
Other *	0.0	8.7	16.4	11.5	9.8	9.3
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	131	127	119	116	120	613
<b>Estimated total number in population ('000)</b>						
Households	14.9	14.9	14.7	14.8	14.7	73.9
Persons	22.7	36.5	41.9	42.8	49.0	192.9

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	405	646	948	1 249	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	71.22	121.50	113.81	133.50	141.05	116.20
Fuel and power	10.52	16.18	16.20	19.70	21.72	16.86
Food and non-alcoholic beverages	80.74	103.93	124.69	150.22	175.80	127.07
Alcoholic beverages	14.73	18.23	23.97	30.07	42.69	25.94
Tobacco	11.43	16.24	17.78	12.80	16.58	14.97
Clothing and footwear	10.82	16.37	19.32	30.59	45.93	24.61
Household furnishings and equipment	23.94	29.21	42.66	39.80	65.05	40.14
Household services and operation	28.17	34.77	43.09	45.75	56.42	41.64
Medical care and health expenses	11.31	14.96	19.19	34.15	44.49	24.82
Transport	40.66	69.03	106.94	95.57	153.65	93.18
Recreation	59.64	66.48	83.56	126.32	155.23	98.24
Personal care	5.94	6.78	8.23	12.99	16.37	10.06
Miscellaneous commodities and services	31.00	28.54	45.05	65.67	88.37	51.73
<i>Total commodity and service expenditure</i>	<b>400.13</b>	<b>542.23</b>	<b>664.48</b>	<b>797.13</b>	<b>1 023.35</b>	<b>685.47</b>
Selected other payments						
Income tax	5.84	56.59	135.92	221.99	420.44	168.22
Mortgage payments — principal (selected dwelling) *	8.07	20.68	26.81	40.68	61.44	31.54
Other capital housing costs **	31.83	64.80	29.89	59.05	67.28	50.58
Superannuation and life insurance	2.32	18.08	29.77	41.28	82.28	34.76
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	227.29	530.51	797.55	1 101.84	1 664.69	864.44
<b>Source of income (% of total income)</b>						
Weekly employee income	22.1	71.2	84.8	92.9	91.4	84.5
Weekly own business income *	1.0	5.1	5.6	2.9	4.7	4.3
Weekly government pensions and allowances	66.4	20.5	6.8	1.9	1.0	8.1
Weekly income from other sources *	10.5	3.2	2.8	2.3	2.8	3.1
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average age of reference person	45	36	37	38	42	40
<b>Average number of persons in the household</b>						
Under 18 years	0.69	0.93	1.02	0.88	0.95	0.90
18 to 64 years	1.14	1.69	1.91	2.05	2.33	1.82
65 years and over *	0.28	0.06	0.02	0.01	0.01	0.08
<i>Total</i>	<i>2.11</i>	<i>2.68</i>	<i>2.94</i>	<i>2.95</i>	<i>3.29</i>	<i>2.80</i>
<b>Tenure type (% of households)</b>						
Owners	14.6	9.8	8.6	14.1	14.4	12.3
Purchasers	11.4	29.3	41.5	47.2	61.7	38.2
Renters from state or territory housing authority *	46.8	24.9	19.9	10.9	9.4	22.4
Renters — other	25.5	32.9	26.1	27.8	12.8	25.0
Rent free **	1.7	3.1	3.9	0.0	1.6	2.1
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Average number of employed persons in household	0.4	1.0	1.5	1.9	2.3	1.4
<b>Household composition (% of households)</b>						
Couple only	12.4	14.7	15.9	25.3	29.0	19.4
Couple with dependent children only	14.6	33.5	37.9	38.4	38.0	32.5
Couple — other *	2.2	3.0	6.3	8.2	18.5	7.7
One parent one family *	19.8	13.5	4.5	1.3	1.4	8.1
Lone person *	43.8	24.7	19.7	3.6	0.8	18.5
Other *	7.2	10.7	15.7	23.2	12.3	13.8
<i>Total</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Number of households in sample	107	112	115	117	124	575
<b>Estimated total number in population ('000)</b>						
Households	5.5	5.5	5.5	5.5	5.5	27.5
Persons	11.6	14.8	16.1	16.1	18.2	76.9

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>**  
**CANBERRA, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	414	727	1 077	1 576	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	64.18	107.15	114.23	134.89	141.09	112.29
Fuel and power	14.21	20.07	21.05	19.48	27.85	20.54
Food and non-alcoholic beverages	67.57	94.12	120.45	150.15	202.21	126.81
Alcoholic beverages	9.16	12.46	19.93	23.52	28.29	18.65
Tobacco	7.64	9.54	10.19	8.93	6.32	8.53
Clothing and footwear	16.85	30.98	41.67	47.36	83.80	44.11
Household furnishings and equipment	21.16	22.93	46.19	68.70	74.37	46.57
Household services and operation	23.90	28.63	41.56	44.64	58.82	39.47
Medical care and health expenses	12.64	18.53	29.38	32.84	48.80	28.41
Transport	57.65	93.11	120.50	161.76	206.15	127.73
Recreation	31.25	52.99	98.62	122.00	207.49	102.33
Personal care	5.96	9.25	13.22	14.12	28.28	14.16
Miscellaneous commodities and services	15.05	35.61	52.45	73.38	122.66	59.78
<i>Total commodity and service expenditure</i>	<b>347.23</b>	<b>535.38</b>	<b>729.43</b>	<b>901.78</b>	<b>1 236.15</b>	<b>749.37</b>
Selected other payments						
Income tax	8.86	84.39	178.74	299.61	648.44	243.71
Mortgage payments — principal (selected dwelling) *	2.31	15.55	43.33	57.74	45.28	32.73
Other capital housing costs **	19.62	2.11	20.02	8.72	-79.03	-5.80
Superannuation and life insurance	2.94	13.98	35.14	57.37	145.94	51.01
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	255.60	570.81	877.01	1 289.64	2 198.94	1 037.39
<b>Source of income (% of total income)</b>						
Weekly employee income	21.2	60.3	82.0	87.5	83.3	78.6
Weekly own business income *	-2.8	5.8	5.2	5.6	10.4	7.2
Weekly government pensions and allowances	65.9	16.3	2.9	2.0	0.7	6.3
Weekly income from other sources *	15.8	17.6	9.9	4.8	5.6	7.9
<i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0
Average age of reference person	48	44	42	40	44	43
<b>Average number of persons in the household</b>						
Under 18 years *	0.65	0.92	0.77	0.81	0.83	0.80
18 to 64 years	1.13	1.42	1.79	2.18	2.44	1.79
65 years and over *	0.39	0.27	0.12	0.04	0.06	0.17
<i>Total</i>	2.17	2.60	2.67	3.03	3.33	2.76
<b>Tenure type (% of households)</b>						
Owners	21.7	24.0	25.1	18.2	31.1	24.0
Purchasers *	8.3	24.0	48.9	56.8	51.9	37.9
Renters from state or territory housing authority *	43.7	17.5	8.6	2.1	0.0	14.4
Renters — other *	20.6	33.2	15.7	21.8	17.0	21.7
Rent free **	5.7	1.2	1.8	1.0	0.0	1.9
<i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0
Average number of employed persons in household	0.4	1.0	1.4	2.0	2.4	1.4
<b>Household composition (% of households)</b>						
Couple only	16.9	20.8	22.0	26.1	24.2	22.0
Couple with dependent children only *	13.6	23.6	31.9	32.3	34.6	27.2
Couple — other *	4.1	2.7	4.8	15.2	31.7	11.7
One parent one family *	18.5	16.2	5.4	5.3	0.0	9.1
Lone person *	36.8	25.8	18.9	5.9	3.2	18.1
Other *	10.2	10.9	17.0	15.3	6.2	11.9
<i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0
Number of households in sample	88	92	87	86	84	437
<b>Estimated total number in population ('000)</b>						
Households	22.0	22.6	21.8	21.9	22.1	110.5
Persons	47.8	58.7	58.4	66.3	73.7	304.9

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
Upper boundary of income quintile group (\$)	277	508	799	1 173	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	50.94	77.89	95.82	114.07	140.05	95.74
Fuel and power	11.94	15.51	17.32	18.97	22.10	17.17
Food and non-alcoholic beverages	61.44	91.39	111.63	134.95	179.83	115.83
Alcoholic beverages	6.99	11.83	16.45	19.27	30.89	17.09
Tobacco	6.26	10.03	10.74	10.53	9.10	9.33
Clothing and footwear	12.64	21.92	33.95	45.62	70.84	36.99
Household furnishings and equipment	20.04	27.29	33.44	46.42	73.40	40.12
Household services and operation	19.49	26.87	30.85	36.01	47.76	32.19
Medical care and health expenses	15.24	18.67	26.51	34.04	47.24	28.34
Transport	39.91	67.52	96.60	114.57	158.68	95.44
Recreation	41.02	53.33	74.77	92.87	157.66	83.94
Personal care	5.77	8.63	11.74	14.26	19.86	12.05
Miscellaneous commodities and services	18.19	26.68	48.33	59.83	94.01	49.41
<b>Total commodity and service expenditure</b>	<b>309.87</b>	<b>457.58</b>	<b>608.13</b>	<b>741.42</b>	<b>1 051.42</b>	<b>633.63</b>
Selected other payments						
Income tax	2.32	26.40	100.22	191.50	459.89	156.10
Mortgage payments — principal (selected dwelling)	4.34	7.44	26.54	34.21	49.46	24.40
Other capital housing costs *	27.14	20.87	18.89	33.70	91.84	38.51
Superannuation and life insurance	2.41	6.72	17.37	28.24	64.10	23.77
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	170.58	387.00	651.98	977.69	1 728.56	783.14
<b>Source of income (% of total income)</b>						
Weekly employee income	11.4	37.4	74.5	84.9	84.0	75.1
Weekly own business income	-8.2	5.9	7.0	5.8	8.9	6.8
Weekly government pensions and allowances	85.5	43.6	10.8	5.0	1.1	11.4
Weekly income from other sources	11.4	13.2	7.7	4.3	5.9	6.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	58	49	43	41	43	47
<b>Average number of persons in the household</b>						
Under 18 years	0.21	0.61	0.87	0.88	0.67	0.65
18 to 64 years	0.77	1.30	1.81	2.12	2.50	1.70
65 years and over	0.57	0.51	0.16	0.10	0.05	0.28
<b>Total</b>	<b>1.55</b>	<b>2.42</b>	<b>2.84</b>	<b>3.10</b>	<b>3.22</b>	<b>2.63</b>
<b>Tenure type (% of households)</b>						
Owners	52.0	43.5	35.2	32.0	34.1	39.4
Purchasers	8.3	16.5	31.2	41.8	47.4	29.0
Renters from state or territory housing authority	15.7	10.4	4.6	2.1	0.5	6.7
Renters — other	21.2	27.5	26.7	23.0	16.2	22.9
Rent free	2.7	2.1	2.2	1.2	1.7	2.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	0.2	0.6	1.3	1.8	2.3	1.3
<b>Household composition (% of households)</b>						
Couple only	20.1	33.8	18.4	22.9	24.5	23.9
Couple with dependent children only	4.8	17.8	32.0	33.2	26.8	22.9
Couple — other	2.7	7.2	11.4	17.3	29.5	13.6
One parent one family	7.1	12.0	6.8	2.9	2.2	6.2
Lone person	61.8	19.9	17.9	8.0	3.1	22.2
Other	3.7	9.5	13.4	15.6	13.9	11.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	1 168	1 215	1 231	1 216	1 277	6 107
<b>Estimated total number in population ('000)</b>						
Households	854.9	852.6	852.4	850.1	854.4	4 264.4
Persons	1 325.7	2 062.2	2 420.6	2 638.8	2 747.1	11 194.4

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY BROAD GEOGRAPHICAL AREA  
AUSTRALIA, 1993-94**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan areas <sup>1</sup>	All households
	Metropolitan	Other	Total			
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$) <sup>2</sup>						
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	95.74	72.14	88.77	49.12	66.62	85.38
Fuel and power	17.17	15.78	16.76	16.89	16.04	16.77
Food and non-alcoholic beverages	115.83	100.63	111.34	107.28	102.23	111.00
Alcoholic beverages	17.09	18.40	17.48	17.35	18.15	17.46
Tobacco	9.33	8.87	9.19	9.14	8.93	9.19
Clothing and footwear	36.99	28.17	34.38	26.53	27.77	33.71
Household furnishings and equipment	40.12	39.31	39.88	36.20	38.56	39.56
Household services and operation	32.19	29.81	31.49	32.58	30.48	31.58
Medical care and health expenses	28.34	24.60	27.23	26.13	24.97	27.14
Transport	95.44	89.15	93.58	93.57	90.21	93.58
Recreation	83.94	72.82	80.65	65.21	71.00	79.34
Personal care	12.05	10.52	11.60	8.87	10.13	11.37
Miscellaneous commodities and services	49.41	39.14	46.37	42.26	39.89	46.02
<b>Total commodity and service expenditure</b>	<b>633.63</b>	<b>549.35</b>	<b>608.73</b>	<b>531.16</b>	<b>544.98</b>	<b>602.11</b>
Selected other payments						
Income tax	156.10	106.12	141.33	90.45	102.36	136.99
Mortgage payments — principal (selected dwelling)	24.40	13.84	21.28	15.48	14.23	20.78
Other capital housing costs *	38.51	5.34	28.71	37.44	13.05	29.46
Superannuation and life insurance	23.77	20.41	22.78	17.43	19.69	22.32
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	783.14	627.42	737.14	574.49	614.71	723.26
<b>Source of income (% of total income)</b>						
Weekly employee income	75.1	67.3	73.1	67.3	67.3	72.7
Weekly own business income	6.8	8.7	7.3	10.2	9.0	7.5
Weekly government pensions and allowances	11.4	17.0	12.8	15.6	16.7	13.0
Weekly income from other sources	6.7	7.0	6.8	6.9	7.0	6.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	47	49	47	47	49	47
<b>Average number of persons in the household</b>						
Under 18 years	0.65	0.71	0.66	0.94	0.76	0.69
18 to 64 years	1.70	1.50	1.64	1.76	1.57	1.65
65 years and over	0.28	0.33	0.29	0.22	0.31	0.29
<b>Total</b>	<b>2.63</b>	<b>2.54</b>	<b>2.60</b>	<b>2.92</b>	<b>2.64</b>	<b>2.63</b>
<b>Tenure type (% of households)</b>						
Owners	39.4	44.1	40.8	53.8	46.4	41.9
Purchasers	29.0	22.2	27.0	22.9	22.4	26.7
Renters from state or territory housing authority	6.7	9.9	7.6	1.9	8.0	7.1
Renters — other	22.9	21.5	22.5	11.8	19.2	21.6
Rent free *	2.0	2.3	2.1	9.6	4.0	2.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.3	1.1	1.2	1.4	1.2	1.2
<b>Household composition (% of households)</b>						
Couple only	23.9	28.1	25.2	33.1	29.3	25.9
Couple with dependent children only	22.9	23.2	23.0	31.1	25.1	23.7
Couple — other	13.6	9.4	12.4	12.7	10.2	12.4
One parent one family	6.2	7.9	6.7	5.2	7.3	6.6
Lone person	22.2	23.6	22.6	13.3	21.1	21.8
Other	11.2	7.8	10.2	4.5	7.0	9.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	6 107	1 712	7 819	570	2 282	8 389
<b>Estimated total number in population ('000)</b>						
Households	4 264.4	1 787.9	6 052.3	564.5	2 352.4	6 616.8
Persons	11 194.4	4 550.1	15 744.5	1 650.1	6 200.2	17 394.6

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> Includes households in other urban and rural areas.

<sup>2</sup> See table 32 for the associated percentage distribution table.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY BROAD GEOGRAPHICAL AREA  
NEW SOUTH WALES, 1993-94**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan area <sup>1</sup>	All households
	Metropolitan	Other	Total			
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	110.80	74.96	99.10	48.37	69.80	95.40
Fuel and power	15.25	15.61	15.37	16.86	15.85	15.47
Food and non-alcoholic beverages	126.05	104.25	118.93	108.38	105.05	118.16
Alcoholic beverages	17.48	19.60	18.17	13.75	18.46	17.85
Tobacco	9.42	8.69	9.18	11.91	9.31	9.38
Clothing and footwear	38.71	30.33	35.98	26.55	29.60	35.29
Household furnishings and equipment	44.08	41.89	43.36	28.49	39.29	42.28
Household services and operation	34.11	30.07	32.79	33.19	30.68	32.82
Medical care and health expenses	30.35	25.96	28.92	24.42	25.67	28.59
Transport	96.03	92.63	94.92	84.63	91.07	94.17
Recreation	85.98	67.37	79.91	57.43	65.44	78.27
Personal care	12.24	10.44	11.65	7.51	9.87	11.35
Miscellaneous commodities and services	48.47	40.19	45.77	31.54	38.51	44.73
<b>Total commodity and service expenditure</b>	<b>668.96</b>	<b>561.99</b>	<b>634.05</b>	<b>493.03</b>	<b>548.60</b>	<b>623.76</b>
Selected other payments						
Income tax	175.31	113.35	155.09	77.50	106.39	149.43
Mortgage payments — principal (selected dwelling) *	30.06	13.43	24.63	9.93	12.75	23.56
Other capital housing costs **	40.17	13.94	31.61	21.71	15.45	30.89
Superannuation and life insurance	26.08	22.51	24.91	16.34	21.31	24.29
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	833.67	635.92	769.13	561.82	621.53	754.01
<b>Source of income (% of total income)</b>						
Weekly employee income	78.0	67.1	75.1	61.9	66.2	74.4
Weekly own business income *	6.0	9.4	6.9	9.6	9.4	7.0
Weekly government pensions and allowances	10.1	17.2	12.0	22.2	18.0	12.6
Weekly income from other sources	5.9	6.4	6.0	6.3	6.4	6.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	47	50	48	47	50	48
<b>Average number of persons in the household</b>						
Under 18 years	0.69	0.63	0.67	1.17	0.74	0.71
18 to 64 years	1.72	1.47	1.64	1.76	1.53	1.64
65 years and over	0.29	0.37	0.32	0.21	0.34	0.31
<b>Total</b>	<b>2.69</b>	<b>2.48</b>	<b>2.62</b>	<b>3.14</b>	<b>2.61</b>	<b>2.66</b>
<b>Tenure type (% of households)</b>						
Owners	38.0	46.8	40.9	49.2	47.3	41.5
Purchasers	27.4	20.8	25.2	18.7	20.4	24.8
Renters from state or territory housing authority *	7.8	9.7	8.4	6.2	9.0	8.3
Renters — other	24.3	21.4	23.3	12.2	19.6	22.5
Rent free *	2.5	1.2	2.1	13.8	3.7	3.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.3	1.0	1.2	1.3	1.1	1.2
<b>Household composition (% of households)</b>						
Couple only	22.9	28.1	24.6	31.9	28.8	25.1
Couple with dependent children only	24.1	20.9	23.1	27.0	22.1	23.3
Couple — other *	14.3	11.1	13.3	11.8	11.3	13.2
One parent one family *	5.5	8.2	6.4	10.8	8.7	6.7
Lone person	21.7	25.1	22.8	11.5	22.5	22.0
Other *	11.5	6.6	9.9	6.9	6.7	9.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	1 484	589	2 073	153	742	2 226
<b>Estimated total number in population ('000)</b>						
Households	1 393.8	675.3	2 069.1	162.8	838.0	2 231.8
Persons	3 755.9	1 671.9	5 427.8	511.3	2 183.3	5 939.2

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> Includes households in other urban and rural areas.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY BROAD GEOGRAPHICAL AREA  
VICTORIA, 1993-94**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan area <sup>1</sup>	All households
	Metropolitan	Other	Total			
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	93.14	63.70	86.58	43.10	57.93	83.11
Fuel and power	21.74	19.66	21.28	20.93	20.02	21.25
Food and non-alcoholic beverages	115.35	97.16	111.30	108.83	100.43	111.10
Alcoholic beverages	16.18	14.56	15.82	24.56	17.36	16.52
Tobacco	8.41	8.81	8.50	10.67	9.33	8.67
Clothing and footwear	40.67	29.40	38.16	31.26	29.92	37.61
Household furnishings and equipment	35.81	29.72	34.45	35.66	31.38	34.55
Household services and operation	31.00	27.73	30.27	33.08	29.23	30.49
Medical care and health expenses	27.85	19.99	26.10	30.04	22.80	26.41
Transport	95.70	84.02	93.10	99.66	88.40	93.62
Recreation	86.33	67.94	82.24	62.34	66.37	80.65
Personal care	11.95	9.92	11.49	8.69	9.58	11.27
Miscellaneous commodities and services	50.05	34.37	46.56	45.93	37.61	46.51
<i>Total commodity and service expenditure</i>	<b>634.18</b>	<b>507.01</b>	<b>605.84</b>	<b>554.76</b>	<b>520.38</b>	<b>601.76</b>
Selected other payments						
Income tax	148.28	83.62	133.87	91.96	85.95	130.52
Mortgage payments — principal (selected dwelling) *	22.90	15.75	21.30	14.04	15.27	20.72
Other capital housing costs **	41.89	-2.42	32.01	25.85	5.49	31.52
Superannuation and life insurance	20.13	18.17	19.69	21.65	19.14	19.85
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	766.26	563.64	721.10	604.71	575.14	711.82
<b>Source of income (% of total income)</b>						
Weekly employee income	75.2	68.0	74.0	63.6	66.7	73.2
Weekly own business income *	4.7	4.1	4.6	14.8	7.3	5.3
Weekly government pensions and allowances	12.2	22.0	13.9	12.9	19.3	13.8
Weekly income from other sources	7.9	5.9	7.5	8.7	6.7	7.6
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	47	49	48	49	49	48
<b>Average number of persons in the household</b>						
Under 18 years	0.58	0.82	0.64	0.89	0.84	0.66
18 to 64 years	1.73	1.49	1.68	1.71	1.55	1.68
65 years and over *	0.29	0.33	0.30	0.30	0.32	0.30
<i>Total</i>	<b>2.60</b>	<b>2.63</b>	<b>2.61</b>	<b>2.89</b>	<b>2.71</b>	<b>2.63</b>
<b>Tenure type (% of households)</b>						
Owners	43.6	45.1	43.9	58.0	48.7	45.0
Purchasers	28.7	23.7	27.6	24.3	23.8	27.3
Renters from state or territory housing authority *	3.3	11.7	5.2	0.0	8.4	4.8
Renters — other	22.9	16.9	21.5	9.6	14.8	20.6
Rent free *	1.6	2.6	1.8	8.2	4.2	2.3
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.2	1.0	1.2	1.4	1.1	1.2
<b>Household composition (% of households)</b>						
Couple only	24.5	24.7	24.5	42.1	29.5	25.9
Couple with dependent children only	22.0	25.4	22.8	27.6	26.1	23.2
Couple — other *	13.5	8.1	12.3	11.3	9.0	12.2
One parent one family *	7.0	8.4	7.3	5.5	7.6	7.1
Lone person	21.3	24.2	22.0	10.1	20.2	21.0
Other *	11.8	9.2	11.2	3.3	7.5	10.6
<i>Total</i>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	1 322	329	1 651	131	460	1 782
<b>Estimated total number in population ('000)</b>						
Households	1 178.7	338.0	1 516.7	131.5	469.5	1 648.2
Persons	3 063.7	890.2	3 953.9	380.3	1 270.5	4 334.2

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> Includes households in other urban and rural areas.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY BROAD GEOGRAPHICAL AREA  
QUEENSLAND, 1993-94**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan area <sup>1</sup>	
	Metropolitan	Other	Total		All households	All households
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	87.09	79.93	83.78	62.48	76.26	81.44
Fuel and power	11.89	12.28	12.07	12.71	12.37	12.14
Food and non-alcoholic beverages	106.89	98.74	103.12	104.99	100.06	103.32
Alcoholic beverages	17.37	18.76	18.02	17.15	18.43	17.92
Tobacco	9.50	8.76	9.16	6.88	8.36	8.91
Clothing and footwear	32.41	26.62	29.73	21.54	25.55	28.83
Household furnishings and equipment	33.40	42.14	37.44	33.87	40.40	37.05
Household services and operation	31.91	31.59	31.76	32.99	31.88	31.90
Medical care and health expenses	25.55	26.74	26.10	24.59	26.29	25.93
Transport	98.78	87.14	93.39	112.17	92.41	95.45
Recreation	77.44	72.77	75.28	74.30	73.09	75.17
Personal care	11.87	11.51	11.70	11.86	11.58	11.72
Miscellaneous commodities and services	51.26	42.51	47.21	42.57	42.53	46.70
<b>Total commodity and service expenditure</b>	<b>595.35</b>	<b>559.49</b>	<b>578.75</b>	<b>558.10</b>	<b>559.20</b>	<b>576.49</b>
Selected other payments						
Income tax	146.81	112.98	131.16	105.11	111.32	128.29
Mortgage payments — principal (selected dwelling) *	17.05	12.60	14.99	31.46	16.57	16.80
Other capital housing costs **	23.96	-8.86	8.77	59.17	5.46	14.31
Superannuation and life insurance	27.48	18.32	23.24	15.14	17.65	22.35
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	764.62	663.07	717.63	590.41	647.77	703.65
<b>Source of income (% of total income)</b>						
Weekly employee income	69.9	66.4	68.4	75.6	68.1	69.1
Weekly own business income *	12.3	10.5	11.5	7.7	10.0	11.2
Weekly government pensions and allowances	11.4	14.5	12.7	12.1	14.1	12.7
Weekly income from other sources	6.4	8.6	7.3	4.5	7.8	7.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	47	47	47	46	47	47
<b>Average number of persons in the household</b>						
Under 18 years	0.64	0.74	0.69	0.81	0.75	0.70
18 to 64 years	1.70	1.54	1.63	1.82	1.60	1.65
65 years and over *	0.27	0.30	0.29	0.18	0.28	0.28
<b>Total</b>	<b>2.61</b>	<b>2.58</b>	<b>2.60</b>	<b>2.82</b>	<b>2.63</b>	<b>2.62</b>
<b>Tenure type (% of households)</b>						
Owners	40.0	44.6	42.1	51.0	45.9	43.1
Purchasers	28.1	20.8	24.7	26.0	21.9	24.9
Renters from state or territory housing authority *	5.0	4.1	4.6	0.0	3.3	4.1
Renters — other	25.5	26.6	26.0	16.9	24.6	25.0
Rent free *	1.5	3.8	2.5	6.2	4.3	2.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.3	1.1	1.2	1.4	1.2	1.3
<b>Household composition (% of households)</b>						
Couple only	24.8	28.5	26.5	27.5	28.3	26.6
Couple with dependent children only	20.8	24.2	22.3	37.0	26.9	24.0
Couple — other *	15.1	8.0	11.8	15.4	9.5	12.2
One parent one family *	5.9	7.8	6.8	2.4	6.7	6.3
Lone person	22.9	22.4	22.7	13.1	20.5	21.6
Other *	10.5	9.2	9.9	4.5	8.2	9.3
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	567	460	1 027	121	581	1 148
<b>Estimated total number in population ('000)</b>						
Households	559.2	481.6	1 040.8	128.5	610.1	1 169.3
Persons	1 461.2	1 243.1	2 704.3	362.1	1 605.2	3 066.4

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> Includes households in other urban and rural areas.



**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY BROAD GEOGRAPHICAL AREA  
SOUTH AUSTRALIA, 1993-94**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan area <sup>1</sup>	All households
	Metropolitan	Other	Total			
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	74.88	60.72	72.39	49.59	56.83	70.43
Fuel and power	16.46	13.44	15.93	15.77	14.26	15.92
Food and non-alcoholic beverages	101.79	78.17	97.64	114.42	90.85	99.09
Alcoholic beverages	15.73	19.09	16.32	17.84	18.65	16.45
Tobacco	9.67	9.65	9.67	6.79	8.65	9.42
Clothing and footwear	31.53	17.45	29.06	29.65	21.72	29.11
Household furnishings and equipment *	38.09	30.03	36.68	45.31	35.37	37.42
Household services and operation	28.10	20.38	26.75	30.24	23.83	27.05
Medical care and health expenses	30.30	21.23	28.71	25.47	22.71	28.43
Transport	85.20	79.85	84.26	79.78	79.82	83.88
Recreation	83.16	54.11	78.06	58.51	55.65	76.38
Personal care	12.06	9.16	11.55	8.70	9.00	11.30
Miscellaneous commodities and services	50.47	27.11	46.37	47.35	34.19	46.46
<b>Total commodity and service expenditure</b>	<b>577.44</b>	<b>440.38</b>	<b>553.40</b>	<b>529.42</b>	<b>471.52</b>	<b>551.33</b>
Selected other payments						
Income tax	136.49	70.60	124.93	112.84	85.37	123.89
Mortgage payments — principal (selected dwelling) *	15.05	12.18	14.55	8.14	10.77	14.00
Other capital housing costs **	36.61	44.82	38.05	23.37	37.32	36.78
Superannuation and life insurance *	18.37	9.69	16.85	14.23	11.28	16.62
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	721.42	505.50	683.54	650.94	556.36	680.73
<b>Source of income (% of total income)</b>						
Weekly employee income	74.4	62.3	72.8	57.2	60.2	71.5
Weekly own business income *	5.7	8.6	6.1	19.6	13.0	7.2
Weekly government pensions and allowances	13.4	22.3	14.6	14.1	19.0	14.6
Weekly income from other sources *	6.4	6.9	6.5	9.1	7.8	6.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	47	52	48	48	50	48
<b>Average number of persons in the household</b>						
Under 18 years *	0.54	0.35	0.51	0.96	0.57	0.55
18 to 64 years	1.63	1.35	1.58	1.71	1.47	1.59
65 years and over *	0.28	0.48	0.31	0.27	0.41	0.31
<b>Total</b>	<b>2.46</b>	<b>2.18</b>	<b>2.41</b>	<b>2.94</b>	<b>2.45</b>	<b>2.45</b>
<b>Tenure type (% of households)</b>						
Owners	42.8	34.5	41.3	47.6	39.1	41.9
Purchasers *	28.3	20.3	26.9	26.7	22.6	26.9
Renters from state or territory housing authority *	11.0	31.6	14.7	0.0	20.6	13.4
Renters — other *	16.2	13.5	15.7	11.0	12.7	15.3
Rent free **	1.7	0.0	1.4	14.7	5.1	2.5
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.1	0.9	1.1	1.4	1.1	1.1
<b>Household composition (% of households)</b>						
Couple only *	25.6	43.1	28.6	19.2	34.7	27.8
Couple with dependent children only *	21.2	16.6	20.4	44.4	26.3	22.4
Couple — other *	13.3	5.6	11.9	13.8	8.5	12.1
One parent one family *	4.4	2.6	4.1	1.3	2.1	3.9
Lone person *	25.4	22.6	24.9	19.2	21.4	24.4
Other *	10.2	9.4	10.0	2.1	6.9	9.3
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	573	91	664	55	146	719
<b>Estimated total number in population ('000)</b>						
Households	435.1	92.6	527.6	49.8	142.3	577.4
Persons	1 068.4	201.6	1 269.9	146.5	348.1	1 416.5

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> Includes households in other urban and rural areas.

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY BROAD GEOGRAPHICAL AREA  
WESTERN AUSTRALIA, 1993-94**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan area <sup>1</sup>	All households
	Metropolitan	Other	Total			
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	85.97	65.21	82.18	17.33	52.13	78.02
Fuel and power	16.74	17.77	16.93	14.25	16.81	16.76
Food and non-alcoholic beverages	109.26	106.91	108.83	96.33	104.02	108.03
Alcoholic beverages *	18.33	18.21	18.31	16.47	17.74	18.19
Tobacco *	10.54	8.29	10.13	5.27	7.47	9.82
Clothing and footwear	33.17	26.08	31.88	26.87	26.30	31.56
Household furnishings and equipment *	47.51	47.59	47.52	55.46	49.74	48.03
Household services and operation	31.91	34.20	32.33	27.59	32.39	32.02
Medical care and health expenses	25.45	27.34	25.79	28.59	27.68	25.97
Transport	94.24	89.80	93.43	72.75	85.14	92.10
Recreation	76.47	97.46	80.30	48.93	84.21	78.28
Personal care	11.90	9.88	11.53	7.06	9.11	11.24
Miscellaneous commodities and services *	46.51	40.82	45.48	58.04	45.52	46.28
<b>Total commodity and service expenditure</b>	<b>608.00</b>	<b>589.56</b>	<b>604.64</b>	<b>474.94</b>	<b>558.25</b>	<b>596.31</b>
Selected other payments						
Income tax	132.80	119.00	130.28	56.81	102.02	125.57
Mortgage payments-principal (selected dwelling) *	27.06	13.79	24.64	5.14	11.43	23.38
Other capital housing costs **	52.45	26.50	47.72	19.84	24.68	45.93
Superannuation and life insurance *	19.58	22.83	20.17	18.51	21.65	20.07
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	707.97	672.45	701.49	381.39	592.95	680.95
<b>Source of income (% of total income)</b>						
Weekly employee income	70.6	68.9	70.3	95.8	73.6	71.2
Weekly own business income *	8.9	11.0	9.3	-12.9	6.8	8.5
Weekly government pensions and allowances	13.5	14.1	13.6	11.3	13.6	13.5
Weekly income from other sources *	7.0	6.0	6.8	5.9	6.0	6.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	45	44	45	47	45	45
<b>Average number of persons in the household</b>						
Under 18 years *	0.73	0.98	0.78	0.78	0.93	0.78
18 to 64 years	1.62	1.66	1.63	2.03	1.76	1.66
65 years and over *	0.26	0.23	0.25	0.09	0.19	0.24
<b>Total</b>	<b>2.62</b>	<b>2.87</b>	<b>2.66</b>	<b>2.90</b>	<b>2.88</b>	<b>2.68</b>
<b>Tenure type (% of households)</b>						
Owners *	34.3	31.4	33.8	83.4	45.6	37.0
Purchasers *	33.5	31.2	33.1	7.9	24.9	31.5
Renters from state or territory housing authority *	6.3	11.1	7.2	1.4	8.4	6.8
Renters — other *	23.4	23.1	23.3	2.0	17.3	21.9
Rent free **	2.5	3.2	2.6	5.3	3.8	2.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.2	1.4	1.2	1.8	1.5	1.3
<b>Household composition (% of households)</b>						
Couple only *	23.8	23.6	23.8	40.6	28.3	24.9
Couple with dependent children only *	24.1	31.8	25.5	30.7	31.5	25.8
Couple — other *	11.4	13.6	11.8	16.2	14.3	12.1
One parent one family *	7.3	9.1	7.6	1.2	7.0	7.2
Lone person *	22.8	18.9	22.1	5.7	15.3	21.0
Other *	10.7	3.0	9.2	5.5	3.7	9.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	536	108	644	40	148	684
<b>Estimated total number in population ('000)</b>						
Households	485.9	108.5	594.3	40.8	149.2	635.1
Persons	1 270.6	311.7	1582.3	118.4	430.0	1 700.6
* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.						
** All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.						
<sup>1</sup> Includes households in other urban and rural areas.						

**HOUSEHOLD EXPENDITURE AND CHARACTERISTICS BY BROAD GEOGRAPHICAL AREA  
TASMANIA, 1993-94**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan area <sup>1</sup> All households	
	Metropolitan	Other	Total			
AVERAGE WEEKLY HOUSEHOLD EXPENDITURE (\$)						
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	73.01	56.86	65.52	54.38	55.88	62.92
Fuel and power	22.52	23.30	22.88	21.09	22.42	22.46
Food and non-alcoholic beverages	103.92	98.52	101.42	104.36	100.83	102.10
Alcoholic beverages	16.10	18.06	17.01	10.21	14.95	15.42
Tobacco	10.21	12.97	11.49	5.52	10.02	10.10
Clothing and footwear	31.85	29.01	30.53	27.44	28.39	29.81
Household furnishings and equipment *	38.70	24.98	32.33	41.78	31.64	34.54
Household services and operation	28.95	26.72	27.91	35.49	30.19	29.68
Medical care and health expenses	27.89	20.31	24.37	24.69	22.05	24.45
Transport	75.80	75.78	75.79	79.77	77.36	76.72
Recreation	77.16	61.33	69.82	104.80	78.55	77.98
Personal care	10.13	10.14	10.14	7.45	9.08	9.51
Miscellaneous commodities and services	39.03	30.13	34.91	55.27	40.09	39.65
<b>Total commodity and service expenditure</b>	<b>555.27</b>	<b>488.09</b>	<b>524.11</b>	<b>572.24</b>	<b>521.42</b>	<b>535.34</b>
Selected other payments						
Income tax	121.97	92.70	108.39	86.97	90.43	103.40
Mortgage payments — principal (selected dwelling) *	19.46	9.95	15.05	8.29	9.29	13.47
Other capital housing costs **	44.62	-27.85	11.01	90.05	18.86	29.45
Superannuation and life insurance	24.74	25.58	25.13	15.15	21.45	22.80
HOUSEHOLD CHARACTERISTICS						
Average weekly household income (\$)	686.58	591.86	642.65	547.68	574.35	620.50
<b>Source of income (% of total income)</b>						
Weekly employee income	69.8	66.7	68.5	61.5	64.8	67.1
Weekly own business income *	7.6	6.2	7.0	9.7	7.5	7.5
Weekly government pensions and allowances	14.4	19.4	16.6	18.1	18.9	16.9
Weekly income from other sources *	8.2	7.7	8.0	10.7	8.8	8.5
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average age of reference person	46	51	48	48	50	48
<b>Average number of persons in the household</b>						
Under 18 years *	0.72	0.53	0.64	0.70	0.60	0.65
18 to 64 years	1.65	1.46	1.56	1.60	1.51	1.57
65 years and over *	0.23	0.36	0.29	0.27	0.32	0.29
<b>Total</b>	<b>2.61</b>	<b>2.35</b>	<b>2.49</b>	<b>2.56</b>	<b>2.43</b>	<b>2.51</b>
<b>Tenure type (% of households)</b>						
Owners	38.9	54.6	46.2	49.9	52.7	47.1
Purchasers *	31.2	20.0	26.0	29.2	23.6	26.7
Renters from state or territory housing authority *	11.7	6.1	9.1	0.0	3.7	7.0
Renters — other *	16.3	17.0	16.6	15.1	16.3	16.3
Rent free *	1.9	2.3	2.1	5.7	3.7	2.9
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Average number of employed persons in household	1.2	1.1	1.1	1.1	1.1	1.1
<b>Household composition (% of households)</b>						
Couple only *	24.3	26.6	25.4	37.3	30.9	28.2
Couple with dependent children only *	22.6	19.7	21.3	23.8	21.3	21.8
Couple — other *	12.8	11.6	12.3	10.4	11.1	11.8
One parent one family *	7.9	7.6	7.8	1.3	5.1	6.2
Lone person *	23.1	27.9	25.3	25.9	27.1	25.5
Other *	9.3	6.5	8.0	1.3	4.4	6.4
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of households in sample	613	115	728	63	178	791
<b>Estimated total number in population ('000)</b>						
Households	73.9	63.9	137.9	41.9	105.9	179.8
Persons	192.9	150.0	342.9	107.5	257.5	450.4

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

<sup>1</sup> Includes households in other urban and rural areas.

**COMPARISON OF AVERAGE WEEKLY HOUSEHOLD EXPENDITURE FOR 1984, 1988-89 AND 1993-94 SURVEYS BY STATE**

	State						Australia <sup>1</sup>
	NSW	Vic.	Qld	SA	WA	Tas.	
1984							
<b>Average weekly household expenditure (\$)</b>							
Broad expenditure group							
Current housing costs (selected dwelling)	52.05	45.70	43.17	36.63	41.50	39.04	46.46
Fuel and power	9.76	12.19	9.27	10.72	10.37	10.91	10.56
Food and non-alcoholic beverages	73.14	73.18	69.32	62.79	69.18	62.80	71.22
Alcoholic beverages	13.13	11.11	12.21	11.49	13.24	9.45	12.30
Tobacco	5.65	6.41	4.63	5.50	6.27	5.56	5.73
Clothing and footwear	26.26	24.21	18.80	20.66	20.72	23.18	23.46
Household furnishings and equipment	28.85	27.67	23.04	29.84	28.54	23.93	27.69
Household services and operation	16.20	15.86	14.92	14.30	15.74	13.16	15.70
Medical care and health expenses	14.07	15.40	13.17	13.64	12.72	11.40	14.07
Transport	57.22	61.92	58.24	54.89	62.47	47.59	59.00
Recreation	42.34	45.89	40.48	36.47	46.50	41.01	43.13
Personal care	6.74	6.89	6.01	6.72	6.24	5.70	6.60
Miscellaneous commodities and services	27.91	23.89	27.33	20.52	26.52	18.17	25.93
<b>Total commodity and service expenditure</b>	<b>373.31</b>	<b>370.31</b>	<b>340.58</b>	<b>324.18</b>	<b>360.01</b>	<b>311.90</b>	<b>361.84</b>
1988-89							
<b>Average weekly household expenditure (\$)</b>							
Broad expenditure group							
Current housing costs (selected dwelling)	79.10	72.17	64.98	62.75	65.26	53.79	71.80
Fuel and power	11.86	15.00	11.02	13.04	13.18	13.95	12.87
Food and non-alcoholic beverages	98.53	101.65	86.81	85.27	97.04	88.44	95.83
Alcoholic beverages	16.82	16.12	18.02	15.67	18.56	12.67	16.90
Tobacco	6.96	7.09	6.31	6.66	7.18	7.28	6.89
Clothing and footwear	33.10	33.22	26.76	25.88	29.31	23.94	30.73
Household furnishings and equipment	39.79	41.55	29.70	28.74	42.53	31.20	37.37
Household services and operation	24.88	25.35	22.22	20.65	24.48	20.83	24.11
Medical care and health expenses	23.12	22.84	19.44	20.28	20.10	18.26	21.68
Transport	78.05	79.14	69.98	69.63	79.56	66.10	76.13
Recreation	62.93	65.83	46.77	54.13	57.07	48.95	59.37
Personal care	10.59	10.08	8.32	9.55	10.97	9.27	9.95
Miscellaneous commodities and services	37.06	44.30	33.75	35.88	46.81	30.24	39.08
<b>Total commodity and service expenditure</b>	<b>522.80</b>	<b>534.36</b>	<b>444.08</b>	<b>448.13</b>	<b>512.05</b>	<b>424.92</b>	<b>502.71</b>
1993-94							
<b>Average weekly household expenditure (\$)</b>							
Broad expenditure group							
Current housing costs (selected dwelling)	95.40	83.11	81.44	70.43	78.02	62.92	85.38
Fuel and power	15.47	21.25	12.14	15.92	16.76	22.46	16.77
Food and non-alcoholic beverages	118.16	111.10	103.32	99.09	108.03	102.10	111.00
Alcoholic beverages	17.85	16.52	17.92	16.45	18.19	15.42	17.46
Tobacco	9.38	8.67	8.91	9.42	9.82	10.10	9.19
Clothing and footwear	35.29	37.61	28.83	29.11	31.56	29.81	33.71
Household furnishings and equipment	42.28	34.55	37.05	37.42	48.03	34.54	39.56
Household services and operation	32.82	30.49	31.90	27.05	32.02	29.68	31.58
Medical care and health expenses	28.59	26.41	25.93	28.43	25.97	24.45	27.14
Transport	94.17	93.62	95.45	83.88	92.10	76.72	93.58
Recreation	78.27	80.65	75.17	76.38	78.28	77.98	79.34
Personal care	11.35	11.27	11.72	11.30	11.24	9.51	11.37
Miscellaneous commodities and services	44.73	46.51	46.70	46.46	46.28	39.65	46.02
<b>Total commodity and service expenditure</b>	<b>623.76</b>	<b>601.76</b>	<b>576.49</b>	<b>551.33</b>	<b>596.31</b>	<b>535.34</b>	<b>602.11</b>

<sup>1</sup> Includes the Northern Territory and the Australian Capital Territory.

	State						Australia <sup>1</sup>
	NSW	Vic.	Qld	SA	WA	Tas.	
PERCENTAGE CHANGE 1988-89 TO 1993-94							
<b>Percentage change in average weekly household expenditure (%)</b>							
<b>Broad expenditure group</b>							
Current housing costs (selected dwelling)	20.6	15.2	25.3	12.2	19.6	17.0	18.9
Fuel and power	30.4	41.7	10.2	22.1	27.2	61.0	30.3
Food and non-alcoholic beverages	19.9	9.3	19.0	16.2	11.3	15.4	15.8
Alcoholic beverages	6.1	2.5	-0.6	5.0	-2.0	21.7	3.3
Tobacco	34.8	22.3	41.2	41.4	36.8	38.7	33.4
Clothing and footwear	6.6	13.2	7.7	12.5	7.7	24.5	9.7
Household furnishings and equipment	6.3	-16.8	24.7	30.2	12.9	10.7	5.9
Household services and operation	31.9	20.3	43.6	31.0	30.8	42.5	31.0
Medical care and health expenses	23.7	15.6	33.4	40.2	29.2	33.9	25.2
Transport	20.7	18.3	36.4	20.5	15.8	16.1	22.9
Recreation	24.4	22.5	60.7	41.1	37.2	59.3	33.6
Personal care	7.2	11.8	40.9	18.3	2.5	2.6	14.3
Miscellaneous commodities and services	20.7	5.0	38.4	29.5	-1.1	31.1	17.8
<b>Total commodity and service expenditure</b>	<b>19.3</b>	<b>12.6</b>	<b>29.8</b>	<b>23.0</b>	<b>16.5</b>	<b>26.0</b>	<b>19.8</b>

<sup>1</sup> Includes the Northern Territory and the Australian Capital Territory.

**COMPARISON OF AVERAGE WEEKLY HOUSEHOLD EXPENDITURE FOR 1984, 1988-89 AND 1993-94  
SURVEYS BY CAPITAL CITY**

	Capital city								All capital city households
	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	
1984									
<b>Average weekly household expenditure (\$)</b>									
Broad expenditure group									
Current housing costs									
(selected dwelling)	60.79	50.46	48.86	40.33	47.03	43.13	71.02	61.37	52.63
Fuel and power	9.62	12.47	9.10	10.37	10.61	11.58	10.19	13.60	10.69
Food and non-alcoholic beverages	76.85	75.71	68.45	64.55	69.07	66.31	90.76	86.42	73.57
Alcoholic beverages	13.90	11.36	11.72	12.06	12.51	11.90	25.36	15.06	12.64
Tobacco	5.93	6.72	4.72	5.82	5.78	6.13	9.36	4.42	5.98
Clothing and footwear	28.89	25.65	18.83	21.67	21.67	25.00	17.28	29.80	25.18
Household furnishings and equipment	28.33	27.52	23.79	30.86	28.46	24.62	33.70	36.01	27.99
Household services and operation	16.73	16.25	15.06	14.36	15.88	14.37	23.22	20.18	16.14
Medical care and health expenses	14.52	15.89	12.28	13.13	12.76	12.94	16.23	15.95	14.34
Transport	57.01	60.38	59.93	53.10	62.28	55.34	72.61	80.97	59.06
Recreation	45.90	48.25	41.17	37.68	45.79	49.91	58.67	60.15	45.64
Personal care	7.29	7.32	6.74	7.11	6.61	6.44	6.94	7.92	7.14
Miscellaneous commodities and services	30.61	25.24	28.35	20.96	25.25	21.79	33.00	43.00	27.37
Total commodity and service expenditure	<b>396.37</b>	<b>383.23</b>	<b>349.01</b>	<b>332.01</b>	<b>363.70</b>	<b>349.46</b>	<b>468.33</b>	<b>474.85</b>	<b>378.38</b>
1988-89									
<b>Average weekly household expenditure (\$)</b>									
Broad expenditure group									
Current housing costs									
(selected dwelling)	92.34	81.19	80.06	69.14	69.67	65.45	100.90	100.43	82.58
Fuel and power	11.87	15.23	10.77	13.23	13.39	14.28	14.15	15.29	13.14
Food and non-alcoholic beverages	105.87	105.83	89.08	86.68	98.10	87.88	107.96	106.75	100.67
Alcoholic beverages	16.58	16.66	16.55	15.62	17.43	13.95	27.79	18.85	16.66
Tobacco	7.40	7.22	6.83	7.05	7.01	7.40	10.40	6.63	7.20
Clothing and footwear	37.34	35.84	29.20	28.54	31.76	24.70	22.29	33.58	33.98
Household furnishings and equipment	43.89	42.22	32.98	30.12	45.39	31.98	29.82	34.96	40.26
Household services and operation	26.17	26.88	23.91	20.95	25.11	21.60	29.26	28.23	25.42
Medical care and health expenses	25.27	24.39	18.95	20.43	20.19	18.30	18.17	21.89	22.95
Transport	83.09	82.86	70.11	71.36	77.28	58.48	65.04	89.69	79.17
Recreation	70.67	69.11	54.11	54.36	56.00	54.66	79.29	74.68	64.79
Personal care	11.47	10.85	9.38	9.75	11.50	8.78	9.56	9.95	10.76
Miscellaneous commodities and services	41.02	47.45	37.34	34.84	49.47	32.43	40.00	47.42	42.62
Total commodity and service expenditure	<b>572.99</b>	<b>565.73</b>	<b>479.26</b>	<b>462.07</b>	<b>522.30</b>	<b>439.88</b>	<b>554.63</b>	<b>588.35</b>	<b>540.21</b>
1993-94									
<b>Average weekly household expenditure (\$)</b>									
Broad expenditure group									
Current housing costs									
(selected dwelling)	110.80	93.14	87.09	74.88	85.97	73.01	116.20	112.29	95.74
Fuel and power	15.25	21.74	11.89	16.46	16.74	22.52	16.86	20.54	17.17
Food and non-alcoholic beverages	126.05	115.35	106.89	101.79	109.26	103.92	127.07	126.81	115.83
Alcoholic beverages	17.48	16.18	17.37	15.73	18.33	16.10	25.94	18.65	17.09
Tobacco	9.42	8.41	9.50	9.67	10.54	10.21	14.97	8.53	9.33
Clothing and footwear	38.71	40.67	32.41	31.53	33.17	31.85	24.61	44.11	36.99
Household furnishings and equipment	44.08	35.81	33.40	38.09	47.51	38.70	40.14	46.57	40.12
Household services and operation	34.11	31.00	31.91	28.10	31.91	28.95	41.64	39.47	32.19
Medical care and health expenses	30.35	27.85	25.55	30.30	25.45	27.89	24.82	28.41	28.34
Transport	96.03	95.70	98.78	85.20	94.24	75.80	93.18	127.73	95.44
Recreation	85.98	86.33	77.44	83.16	76.47	77.16	98.24	102.33	83.94
Personal care	12.24	11.95	11.87	12.06	11.90	10.13	10.06	14.16	12.05
Miscellaneous commodities and services	48.47	50.05	51.26	50.47	46.51	39.03	51.73	59.78	49.41
Total commodity and service expenditure	<b>668.96</b>	<b>634.18</b>	<b>595.35</b>	<b>577.44</b>	<b>608.00</b>	<b>555.27</b>	<b>685.47</b>	<b>749.37</b>	<b>633.63</b>

COMPARISON OF AVERAGE WEEKLY HOUSEHOLD EXPENDITURE FOR 1984, 1988-89 AND 1993-94  
SURVEYS BY CAPITAL CITY — *continued*

	Capital city								All capital city households
	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	
PERCENTAGE CHANGE 1988-89 TO 1993-94									
<b>Percentage change in average weekly household expenditure (%)</b>									
<b>Broad expenditure group</b>									
Current housing costs (selected dwelling)	20.0	14.7	8.8	8.3	23.4	11.6	15.2	11.8	15.9
Fuel and power	28.5	42.7	10.4	24.4	25.0	57.7	19.2	34.3	30.7
Food and non-alcoholic beverages	19.1	9.0	20.0	17.4	11.4	18.3	17.7	18.8	15.1
Alcoholic beverages	5.4	-2.9	5.0	0.7	5.2	15.4	-6.7	-1.1	2.6
Tobacco	27.3	16.5	39.1	37.2	50.4	38.0	43.9	28.7	29.6
Clothing and footwear	3.7	13.5	11.0	10.5	4.4	28.9	10.4	31.4	8.9
Household furnishings and equipment	0.4	-15.2	1.3	26.5	4.7	21.0	34.6	33.2	-0.3
Household services and operation	30.3	15.3	33.5	34.1	27.1	34.0	42.3	39.8	26.6
Medical care and health expenses	20.1	14.2	34.8	48.3	26.1	52.4	36.6	29.8	23.5
Transport	15.6	15.5	40.9	19.4	21.9	29.6	43.3	42.4	20.6
Recreation	21.7	24.9	43.1	53.0	36.6	41.2	23.9	37.0	29.6
Personal care	6.7	10.1	26.5	23.7	3.5	15.4	5.2	42.3	12.0
Miscellaneous commodities and services	18.2	5.5	37.3	44.9	-6.0	20.4	29.3	26.1	15.9
Total commodity and service expenditure	<b>16.7</b>	<b>12.1</b>	<b>24.2</b>	<b>25.0</b>	<b>16.4</b>	<b>26.2</b>	<b>23.6</b>	<b>27.4</b>	<b>17.3</b>

**COMPARISON OF AVERAGE WEEKLY HOUSEHOLD EXPENDITURE FOR 1984, 1988-89 AND 1993-94 SURVEYS BY BROAD GEOGRAPHICAL AREA, AUSTRALIA**

	Broad geographical area					
	Urban			Rural	Total outside metropolitan areas <sup>1</sup>	All households
	Metropolitan	Other	Total			
1984						
<b>Average weekly household expenditure (\$)</b>						
Broad expenditure group						
Current housing costs (selected dwelling)	52.63	37.66	48.29	26.36	34.97	46.46
Fuel and power	10.69	10.28	10.57	10.38	10.31	10.56
Food and non-alcoholic beverages	73.57	66.58	71.54	67.61	66.82	71.22
Alcoholic beverages	12.64	12.22	12.52	9.93	11.67	12.30
Tobacco	5.98	5.43	5.82	4.70	5.25	5.73
Clothing and footwear	25.18	21.25	24.04	17.06	20.25	23.46
Household furnishings and equipment	27.99	27.77	27.93	25.03	27.12	27.69
Household services and operation	16.14	14.78	15.74	15.18	14.87	15.70
Medical care and health expenses	14.34	13.36	14.06	14.23	13.57	14.07
Transport	59.06	57.15	58.50	64.47	58.89	59.00
Recreation	45.64	40.16	44.05	32.94	38.44	43.13
Personal care	7.14	5.82	6.76	4.88	5.59	6.60
Miscellaneous commodities and services	27.37	23.65	26.29	21.92	23.24	25.93
<b>Total commodity and service expenditure</b>	<b>378.38</b>	<b>336.10</b>	<b>366.12</b>	<b>314.69</b>	<b>331.00</b>	<b>361.84</b>
1988-89						
<b>Average weekly household expenditure (\$)</b>						
Broad expenditure group						
Current housing costs (selected dwelling)	82.58	56.82	74.83	38.88	52.61	71.80
Fuel and power	13.14	12.20	12.86	13.05	12.40	12.87
Food and non-alcoholic beverages	100.67	85.73	96.17	92.08	87.22	95.83
Alcoholic beverages	16.66	17.88	17.03	15.51	17.32	16.90
Tobacco	7.20	6.72	7.06	5.13	6.35	6.89
Clothing and footwear	33.98	25.39	31.40	23.43	24.93	30.73
Household furnishings and equipment	40.26	32.88	38.04	30.06	32.21	37.37
Household services and operation	25.42	21.80	24.33	21.73	21.79	24.11
Medical care and health expenses	22.95	19.06	21.78	20.61	19.43	21.68
Transport	79.17	67.11	75.55	82.48	70.72	76.13
Recreation	64.79	49.84	60.30	49.39	49.73	59.37
Personal care	10.76	8.91	10.20	7.23	8.51	9.95
Miscellaneous commodities and services	42.62	32.70	39.64	33.00	32.77	39.08
<b>Total commodity and service expenditure</b>	<b>540.21</b>	<b>437.04</b>	<b>509.19</b>	<b>432.57</b>	<b>435.99</b>	<b>502.71</b>
1993-94						
<b>Average weekly household expenditure (\$)</b>						
Broad expenditure group						
Current housing costs (selected dwelling)	95.74	72.14	88.77	49.12	66.62	85.38
Fuel and power	17.17	15.78	16.76	16.89	16.04	16.77
Food and non-alcoholic beverages	115.83	100.63	111.34	107.28	102.23	111.00
Alcoholic beverages	17.09	18.40	17.48	17.35	18.15	17.46
Tobacco	9.33	8.87	9.19	9.14	8.93	9.19
Clothing and footwear	36.99	28.17	34.38	26.53	27.77	33.71
Household furnishings and equipment	40.12	39.31	39.88	36.20	38.56	39.56
Household services and operation	32.19	29.81	31.49	32.58	30.48	31.58
Medical care and health expenses	28.34	24.60	27.23	26.13	24.97	27.14
Transport	95.44	89.15	93.58	93.57	90.21	93.58
Recreation	83.94	72.82	80.65	65.21	71.00	79.34
Personal care	12.05	10.52	11.60	8.87	10.13	11.37
Miscellaneous commodities and services	49.41	39.14	46.37	42.26	39.89	46.02
<b>Total commodity and service expenditure</b>	<b>633.63</b>	<b>549.35</b>	<b>608.73</b>	<b>531.16</b>	<b>544.98</b>	<b>602.11</b>

<sup>1</sup> Includes households in other urban and rural areas.



COMPARISON OF AVERAGE WEEKLY HOUSEHOLD EXPENDITURE FOR 1984, 1988-89 AND 1993-94  
SURVEYS BY BROAD GEOGRAPHICAL AREA, AUSTRALIA — *continued*

	<i>Broad geographical area</i>					
	<i>Urban</i>			<i>Rural</i>	<i>Total outside metropolitan areas<sup>1</sup></i>	<i>All households</i>
	<i>Metropolitan</i>	<i>Other</i>	<i>Total</i>			
PERCENTAGE CHANGE 1988-89 TO 1993-94						
<b>Percentage change in average weekly household expenditure (%)</b>						
<b>Broad expenditure group</b>						
Current housing costs (selected dwelling)	15.9	27.0	18.6	26.3	26.6	18.9
Fuel and power	30.7	29.3	30.3	29.4	29.4	30.3
Food and non-alcoholic beverages	15.1	17.4	15.8	16.5	17.2	15.8
Alcoholic beverages	2.6	2.9	2.6	11.9	4.8	3.3
Tobacco	29.6	32.0	30.2	78.2	40.6	33.4
Clothing and footwear	8.9	10.9	9.5	13.2	11.4	9.7
Household furnishings and equipment	-0.3	19.6	4.8	20.4	19.7	5.9
Household services and operation	26.6	36.7	29.4	49.9	39.9	31.0
Medical care and health expenses	23.5	29.1	25.0	26.8	28.5	25.2
Transport	20.6	32.8	23.9	13.4	27.6	22.9
Recreation	29.6	46.1	33.7	32.0	42.8	33.6
Personal care	12.0	18.1	13.7	22.7	19.0	14.3
Miscellaneous commodities and services	15.9	19.7	17.0	28.1	21.7	17.8
<i>Total commodity and service expenditure</i>	<b>17.3</b>	<b>25.7</b>	<b>19.5</b>	<b>22.8</b>	<b>25.0</b>	<b>19.8</b>

<sup>1</sup> Includes households in other urban and rural areas.

## 29

**PERCENTAGE DISTRIBUTION OF HOUSEHOLD EXPENDITURE ON COMMODITIES AND SERVICES BY HOUSEHOLD INCOME QUINTILE GROUP <sup>1</sup>, AUSTRALIA, 1993-94**

	Gross income quintile					All households
	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	
PROPORTION (%) OF TOTAL EXPENDITURE ON COMMODITIES AND SERVICES <sup>2</sup>						
Upper boundary of income quintile group (\$)	267	458	741	1 101	..	..
<b>Broad expenditure group</b>						
Commodity or service						
Current housing costs (selected dwelling)	15.6	15.3	14.7	14.4	12.8	14.2
Fuel and power	4.0	3.5	3.0	2.6	2.2	2.8
Food and non-alcoholic beverages	19.8	20.3	18.9	18.1	17.2	18.4
Alcoholic beverages	2.5	2.9	3.0	2.8	3.0	2.9
Tobacco	2.1	2.2	1.8	1.5	0.9	1.5
Clothing and footwear	4.5	4.4	5.3	5.8	6.5	5.6
Household furnishings and equipment	6.1	6.5	6.3	6.3	7.1	6.6
Household services and operation	6.6	6.1	5.4	5.0	4.6	5.2
Medical care and health expenses	4.9	4.3	4.2	4.5	4.6	4.5
Transport	13.3	15.3	15.6	16.3	15.8	15.5
Recreation	12.6	11.8	12.6	12.5	14.7	13.2
Personal care	1.9	1.9	1.9	1.9	1.9	1.9
Miscellaneous commodities and services	6.2	5.6	7.3	8.3	8.7	7.6
<b>Total commodity and service expenditure</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> The quintile groups in this table are 20% groupings of the estimated population when households are ranked in ascending order according to each household's total gross weekly income.

<sup>2</sup> See table 8 for the relevant expenditure estimates.

## 30

**PERCENTAGE DISTRIBUTION OF HOUSEHOLD EXPENDITURE ON COMMODITIES AND SERVICES BY STATE, AUSTRALIA, 1993-94**

	State						Australia <sup>1</sup>
	NSW	Vic.	Qld	SA	WA	Tas.	
PROPORTION (%) OF TOTAL EXPENDITURE ON COMMODITIES AND SERVICES <sup>2</sup>							
<b>Broad expenditure group</b>							
Commodity or service							
Current housing costs (selected dwelling)	15.3	13.8	14.1	12.8	13.1	11.8	14.2
Fuel and power	2.5	3.5	2.1	2.9	2.8	4.2	2.8
Food and non-alcoholic beverages	18.9	18.5	17.9	18.0	18.1	19.1	18.4
Alcoholic beverages	2.9	2.7	3.1	3.0	3.1	2.9	2.9
Tobacco	1.5	1.4	1.5	1.7	1.6	1.9	1.5
Clothing and footwear	5.7	6.2	5.0	5.3	5.3	5.6	5.6
Household furnishings and equipment	6.8	5.7	6.4	6.8	8.1	6.5	6.6
Household services and operation	5.3	5.1	5.5	4.9	5.4	5.5	5.2
Medical care and health expenses	4.6	4.4	4.5	5.2	4.4	4.6	4.5
Transport	15.1	15.6	16.6	15.2	15.4	14.3	15.5
Recreation	12.5	13.4	13.0	13.9	13.1	14.6	13.2
Personal care	1.8	1.9	2.0	2.1	1.9	1.8	1.9
Miscellaneous commodities and services	7.2	7.7	8.1	8.4	7.8	7.4	7.6
<b>Total commodity and service expenditure</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> Includes the Northern Territory and the Australian Capital Territory.

<sup>2</sup> See table 1 for the relevant expenditure estimates.

## 31

**PERCENTAGE DISTRIBUTION OF HOUSEHOLD EXPENDITURE ON COMMODITIES AND SERVICES  
BY CAPITAL CITY, AUSTRALIA, 1993-94**

Commodity or service	Capital city								All capital city households
	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Darwin	Canberra	
	PROPORTION (%) OF TOTAL EXPENDITURE ON COMMODITIES AND SERVICES <sup>1</sup>								
<b>Broad expenditure group</b>									
Commodity or service									
Current housing costs (selected dwelling)	16.6	14.7	14.6	13.0	14.1	13.1	17.0	15.0	15.1
Fuel and power	2.3	3.4	2.0	2.9	2.8	4.1	2.5	2.7	2.7
Food and non-alcoholic beverages	18.8	18.2	18.0	17.6	18.0	18.7	18.5	16.9	18.3
Alcoholic beverages	2.6	2.6	2.9	2.7	3.0	2.9	3.8	2.5	2.7
Tobacco	1.4	1.3	1.6	1.7	1.7	1.8	2.2	1.1	1.5
Clothing and footwear	5.8	6.4	5.4	5.5	5.5	5.7	3.6	5.9	5.8
Household furnishings and equipment	6.6	5.6	5.6	6.6	7.8	7.0	5.9	6.2	6.3
Household services and operation	5.1	4.9	5.4	4.9	5.2	5.2	6.1	5.3	5.1
Medical care and health expenses	4.5	4.4	4.3	5.2	4.2	5.0	3.6	3.8	4.5
Transport	14.4	15.1	16.6	14.8	15.5	13.7	13.6	17.0	15.1
Recreation	12.9	13.6	13.0	14.4	12.6	13.9	14.3	13.7	13.2
Personal care	1.8	1.9	2.0	2.1	2.0	1.8	1.5	1.9	1.9
Miscellaneous commodities and services	7.2	7.9	8.6	8.7	7.7	7.0	7.5	8.0	7.8
Total commodity and service expenditure	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> See table 9 for the relevant expenditure estimates.

## 32

**PERCENTAGE DISTRIBUTION OF HOUSEHOLD EXPENDITURE ON COMMODITIES AND SERVICES  
BY BROAD GEOGRAPHICAL AREA, AUSTRALIA, 1993-94**

Commodity or service	Broad geographical area						All households
	Urban			Rural	Total outside metropolitan cities <sup>1</sup>		
	Metropolitan	Other	Total				
PROPORTION (%) OF TOTAL EXPENDITURE ON COMMODITIES AND SERVICES <sup>2</sup>							
<b>Broad expenditure group</b>							
Commodity or service							
Current housing costs (selected dwelling)	15.1	13.1	14.6	9.2	12.2		14.2
Fuel and power	2.7	2.9	2.8	3.2	2.9		2.8
Food and non-alcoholic beverages	18.3	18.3	18.3	20.2	18.8		18.4
Alcoholic beverages	2.7	3.3	2.9	3.3	3.3		2.9
Tobacco	1.5	1.6	1.5	1.7	1.6		1.5
Clothing and footwear	5.8	5.1	5.6	5.0	5.1		5.6
Household furnishings and equipment	6.3	7.2	6.6	6.8	7.1		6.6
Household services and operation	5.1	5.4	5.2	6.1	5.6		5.2
Medical care and health expenses	4.5	4.5	4.5	4.9	4.6		4.5
Transport	15.1	16.2	15.4	17.6	16.6		15.5
Recreation	13.2	13.3	13.2	12.3	13.0		13.2
Personal care	1.9	1.9	1.9	1.7	1.9		1.9
Miscellaneous commodities and services	7.8	7.1	7.6	8.0	7.3		7.6
Total commodity and service expenditure	100.0	100.0	100.0	100.0	100.0		100.0

<sup>1</sup> Includes households in other urban and rural areas.

<sup>2</sup> See table 19 for the relevant expenditure estimates.

## APPENDIX A — EXPLANATORY NOTES

### INTRODUCTION

1 This publication presents results from the 1993–94 Household Expenditure Survey (HES). The survey collected detailed information about the expenditure, income and household characteristics of households resident in private dwellings throughout Australia. Appendix C lists other HES publications.

2 The publication containing first results from the survey, *1993–94 Household Expenditure Survey, Australia, Summary of Results* (6530.0), was released in October 1995. Changes to survey data since then have resulted in revised estimates of household expenditure for:

- dwellings mortgage interest (current housing costs increased by \$3 for all households, with the change for home purchasers being larger);
- interest on other loans (miscellaneous commodities up by \$3);
- transport (an increase of \$3, although larger in NSW);
- income tax (a decrease of \$1); and
- NT households outside Darwin (mainly affecting housing costs, food, household furnishings, transport and recreation).

3 The statistics presented in this publication are intended to present a broad overview of data items collected during the 1993–94 HES. Emphasis has been given to highlighting the differing household expenditure patterns and levels revealed when average weekly household expenditure is cross-classified by various household characteristics (e.g. income levels and sources, geographic location and family composition of the household) and reference person characteristics.

4 The *1993–94 Household Expenditure Survey, Australia, User Guide* (6527.0), will assist users in evaluating and interpreting results from this survey.

5 The 1993–94 HES is essentially the same as the 1988–89 survey. The main differences are:

- the survey weighting process for the 1993–94 HES used independent estimates of the number of households in Australia as benchmarks;
- some missing items of information were imputed using information reported for similar households. This resulted in a larger number of households (approximately 900) contributing to the HES results; and
- income tax payable by households was estimated for all households according to the taxation criteria for 1993–94 and using the income and other characteristics of household members as reported in the survey.

6 The 1993–94 HES commenced field enumeration throughout Australia in July 1993. Field enumeration was completed in June 1994. Further information concerning the 1993–94 survey and the four earlier surveys conducted in 1974–75, 1975–76, 1984 and 1988–89 can be obtained from the *User Guide*.

### CONCEPTS AND DEFINITIONS

7 The concepts and definitions of income, expenditure and households in the HES are described in the following section. Other definitions are included in the glossary in appendix B.

Households 8 The household is the basic unit of analysis in the HES. It is defined as a group of people who usually reside and eat together.

9 Households therefore have the following characteristics:

- they may consist of one or more persons or groups of persons such as families;
- they must reside wholly within one physical dwelling. A group of people who make common provision for food but are living in two separate dwellings are in two separate households;
- lodgers, who receive accommodation only (not meals) are treated as a separate household; and
- boarders, who receive accommodation and meals, are treated as part of the household.

10 The household is adopted as the basic unit of analysis because it is assumed that sharing of the use of goods and services occurs at this level. If smaller units, say persons, are adopted, then it is difficult to know how to attribute to individual household members the use of shared items such as food, accommodation and household goods.

Expenditure 11 The HES estimates of expenditure refer to:

- *the cost of acquiring goods and services.* The cost of these goods and services acquired during the reference period regardless of whether the household paid for or consumed them during the period;
- *the cost of goods and services used for private purposes.* Costs associated with investments and business and reimbursements from employers and own business were excluded from estimates of expenditure;
- *net or out-of-pocket expenditure.* Refunds were deducted from expenditure. Examples of refunds include medicare refunds, factory rebates and trade-ins;
- *some expenditure in-kind.* Costs of selected goods and services provided free or at a reduced cost by employers to employees for their own private use were included in estimates of expenditure;
- *expenditure during and prior to the 1993-94 financial year.* Most types of expenditure were collected for the 1993-94 financial year but less frequent and often large expenditures were collected on a 'recall' basis. For those items, households were asked to recall expenditures over a period ranging from their last payment to two years (e.g. for house purchases); and
- *average weekly expenditure.* Expenditure was divided by the number of weeks in the recall period or reporting period over which it was collected. Estimates therefore do not refer to a given week.

12 Expenditure was classified according to the Expenditure Commodity Classification. A listing showing the most detailed (fine level) categories is given in appendix C of the *User Guide*.

Income 13 Although the HES is primarily a survey of household expenditure, household income estimates are produced to help explain variations in expenditure levels and patterns and to identify groups of special interest (e.g. households with low incomes).

14 HES estimates of income refer to:

- *gross receipts*, that is, income prior to the payment of personal income tax;

- *usual receipts*, that is, the income which was most frequently received over a given period rather than the income which was actually received; and
- *cash receipts that were regular and recurring*. Receipts which were excluded from income because they were not cash, regular or recurring consisted of the following:
  - (a) capital transfers received such as:
    - (i) inheritances and legacies;
    - (ii) non-recurring gifts from other households;
    - (iii) capital repayment of loans from other households;
    - (iv) maturity payments received on life insurance policies; and
    - (v) lump sum compensation for injuries.
  - (b) capital gains and losses, such as profit from buying and selling shares unless as a business.
  - (c) receipts from running down assets (excluding receipts from pension funds), such as:
    - (i) withdrawals from savings; and
    - (ii) loans and credit obtained.
  - (d) income in-kind (excluding employee income in-kind), such as:
    - (i) the value of home-produced goods unless as a business; and
    - (ii) non-monetary gifts from other households.
- *Weekly income*. Income was collected using a number of different reporting periods, such as the last financial year for own business and property income and last pay for wages and salaries and other sources of private income. The income was divided by the number of weeks in the reporting period. Estimates therefore do not refer to a given week.

15 Income was collected according to source. Main sources of income include employee income, own business income, government pensions and allowances and other income (including property income such as rent, interest and dividends and other transfer income such as regular recurring receipts from superannuation and child support).

Difference between  
income and expenditure

16 Although comparisons can be made between average weekly expenditure and usual weekly income, it would be misleading to take the difference between the two as a measure of saving. There are several reasons for this:

- for individual households, expenditure does not cover all current payments because expenditure was collected on an acquisitions basis;
- for individual and groups of households, expenditure does not cover a common reference period. Expenditure estimates for different items refer to different periods;
- for individual and groups of households, measures of income are not designed to cover all sources of funds which might be used to finance current expenditure. Receipts from running down assets, capital transfers and capital gains and losses were not collected. Over short periods, for some households, such receipts may have been large compared with receipts included as income; and

- for individual and groups of households, income does not cover a common reference period. Income estimates for different sources of income refer to different periods.

17 *HES income and expenditure estimates therefore do not balance for individual households or for groups of households and the difference between income and expenditure cannot be considered to be a measure of saving.*

## SURVEY METHODOLOGY

Scope 18 Only residents of private dwellings in Australia were in scope. *Private dwellings* were houses, flats, home units, caravans, garages, tents and other structures that were used as places of residence at the time of interview. These were distinct from special dwellings which included hotels, boarding houses and institutions. Residents of special dwellings were excluded because of differences in their lifestyle and accommodation. Also excluded were households which contained foreign defence force staff, foreign diplomats or diplomatic staff.

Coverage 19 Information was collected from usual residents of private dwellings in all areas of Australia except remote and sparsely settled areas, where:

- *usual residents* were residents who regarded the dwelling as their own or main home. Others present were considered to be visitors and were not asked to participate in the survey.
- *remote and sparsely settled areas* were areas in which there were less than 0.06 dwellings per square kilometre.

Survey documents 20 Information for each household was collected using three main types of survey documents:

- a personal diary in which people recorded their expenditure over two weeks;
- a group questionnaire which collected information on household characteristics, detailed household expenditure (e.g. health service payments), irregular or infrequent expenditure (e.g. household appliances), and expenditure on items which would have been otherwise under-reported (e.g. holidays overseas); and
- an individual questionnaire which collected information on income and personal characteristics such as labour force status.

21 If required, packs containing sample copies of the above documents are available for purchase.

## SURVEY DESIGN AND ESTIMATION

Sample design 22 The sample was designed to produce reliable estimates for households resident in private dwellings aggregated for Australia, for each state and for metropolitan areas in each state and territory. Of the selected dwellings, there were 9,733 in the scope of the survey, of which 86 per cent responded.

Fully non-responding households 23 Of the households selected in the sample, there were 1,344 which did not contribute to the values of HES expenditure or income. Such households included those affected by death or illness of a household member and those in which the reference person or spouse did not respond – either they could not be contacted, had language problems, or refused to participate. Records for these households were retained during processing to assist file adjustment for survey non-response.

Partially responding households and imputation

24 Households which provided most of the required HES information but were unable, or unwilling, to provide all of it were referred to as *partially responding households*. These households were retained in the sample and their missing values were imputed. To exclude such households may bias the results as they may differ systematically from households providing all the required information at the time of interview.

25 Some of the missing information could be deduced, using additional information supplied on the questionnaire, (such as prices for given quantities and types of bread and milk purchased from given types of outlets).

26 In the remainder of cases, the missing information was imputed. Imputation is the process of replacing missing values with substitute values after processing. Imputation was carried out at two levels:

- where a value was missing for a particular item, the missing value was replaced with a donor value which had been reported by another person or household; and
- where questionnaires or diaries were missing for a person in the household (other than the reference person or spouse) the missing information was replaced with whole questionnaires or diaries of another individual.

27 In either case, the record providing the missing information is known as the *donor* record. Donors were selected so that, as far as possible, the information they provided would be an appropriate proxy for the information that was missing. Depending on which values were being imputed, donors were taken from the pool of complete households or individual records with complete information for the block of questions in which the missing information was located.

## A HES FINAL SAMPLE : NUMBER OF HOUSEHOLDS, 1993-94

	Metropolitan	Rest of state	Total
New South Wales	1 484	742	2 226
Victoria	1 322	460	1 782
Queensland	567	581	1 148
Western Australia	536	148	684
South Australia	573	146	719
Tasmania	613	178	791
Northern Territory	575	27	602
Australian Capital Territory	437	-	437
<b>Australia</b>	<b>6 107</b>	<b>2 282</b>	<b>8 389</b>

28 To better match donors to recipient records, both sets of records were ordered according to characteristics (such as number of adults and children present) associated with the blocks of variables being imputed. For example, recipients with missing information were matched with donors which fell into the same classes as themselves. The classes were fairly broad so that sufficient numbers of donors could be found in similar classes to the recipients.

Final sample

29 The sample on which estimates were based, or the *final* HES sample, is composed of households for which all necessary information is available. The information may have been wholly provided at the interview (*fully responding households*) or may have been completed through imputation for partially responding households. The final sample includes approximately 900 households (most of which had income information imputed) which would have been excluded under procedures used for the 1988-89 HES.



- Weighting** 30 Expansion factors, or weights, are values by which information for sample households is multiplied to produce estimates for the whole population.
- 31 Initial weights, based on the sample design, were equal to the inverse of the probability of selection. Weights for each member of the household were the same as the weight for the household itself. Further adjustment factors were then calculated within post strata to account for non-response.
- 32 Post stratification involves allocating all responding and non-responding households to groupings, or post strata, based on dwelling type and household composition and then calculating a specific non-response adjustment factor for each group.
- Benchmarking** 33 To adjust further for under-enumeration and to align survey estimates with independent population estimates, the weights were calibrated against person and household benchmarks. A software package called CALMAR was used to perform this calibration. Using an iterative procedure, CALMAR adjusted the weights so that person and household estimates conformed as closely as possible with external person and household benchmarks. Person benchmarks were used for seven age categories at the Australia level. Household benchmarks were used for twelve categories of household composition at the Australia level, and for the total number of households at the state and territory level.
- 34 The household benchmarks were based on provisional estimates of numbers of households in Australia. The benchmarks were adjusted to include households and persons residing in private dwellings only and therefore do not, and are not intended to, match estimates of the Australian resident population published in other ABS publications.
- Estimation** 35 Estimates produced from the survey are usually in the form of averages (e.g. average weekly household expenditure on clothing and footwear), or aggregates (e.g. total number of households who own their dwelling). For aggregates, the estimate was obtained by summing the weighted values of the responding households in the required group (e.g. those households owning their dwelling). Averages were obtained by adding the weighted household values, and then dividing by the estimated number of households (e.g. average weekly expenditure on clothing and footwear by Victorian households is the weighted sum of the expenditure of households in Victoria who reported such expenditure, divided by the estimated number of households in Victoria. Note that the denominator is the total number of households and not just the number of households which have reported expenditure on a particular item.
- Reliability of estimates** 36 The estimates provided in this publication are subject to two types of error.
- Non-sampling error* 37 This type of error can occur whether the estimates are derived from a sample or from a complete collection. Three major sources of non-sampling error are:
- inability to obtain data from all households included in the sample. Although adjustments are made for non-response bias, some bias may remain;
  - errors in reporting on the part of both respondents and interviewers. These reporting errors may arise through inappropriate wording of questions, misunderstanding of what data are required, inability or unwillingness to provide accurate information and mistakes in answers to questions; and

- errors arising during processing of the survey data. These processing errors may arise through mistakes in coding and data recording.

38 Non-sampling errors are difficult to measure in any collection. However, every effort was made to minimise these errors. In particular, the effect of the reporting and processing errors described above was minimised by careful questionnaire design, intensive training and supervision of interviewers, asking respondents to refer to records whenever possible and by extensive editing and quality control checking at all stages of data processing.

39 The error due to incomplete responses was minimised by:

- call-backs to all initially non-responding households in order to explain the importance of their co-operation to the project; and
- adjustment to the 'weights' (the factors to expand the sample data to obtain population estimates) allocated to the respondent households in order to allow for households with similar characteristics from which comprehensive data were not obtained.

*Sampling error*

40 The HES estimates are based on a sample of possible observations. Hence, they are subject to sampling variability and estimates may differ from the figures that would have been produced if information had been collected for all households. A measure of the sampling error for a given estimate is provided by the standard error expressed as a percentage of the estimate (relative standard error). Further information on sampling error is given in appendix D.

PUBLICATION AND  
DISSEMINATION OF DATA

41 Information about data available from the 1993-94 HES is given in appendix C. It lists the content of each publication and details of the public use confidentialised unit record file.

Related publications

42 Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (1105.0) which lists publications to be released in the next few days. The *Catalogue* and *Release Advice* are available from any ABS office.

EFFECTS OF ROUNDING

43 Where figures have been rounded, discrepancies may occur between sums of the component items and totals. Published percentages are calculated prior to rounding of the figures and therefore some discrepancy may exist between these percentages and those that could be calculated from the rounded figures.

SYMBOLS AND OTHER  
USAGES

. . not applicable.

- nil or rounded to zero (including null cells).

\* At least one of the estimates in this row has a relative standard error greater than 25 per cent. For further information see appendix D.

\*\* All of the estimates in this row have a relative standard error greater than 25 per cent. For further information see appendix D.

## APPENDIX B — GLOSSARY

<b>Age</b>	Age refers to a person's age at last birthday.
<b>Average weekly expenditure</b>	The average obtained when total estimated weekly expenditure for a particular household group on a particular item is divided by the estimated number of households within that group.
<b>Capital cities</b>	Capital cities are the six state capital city statistical divisions, the Darwin Statistical Division and the Canberra Statistical Division.
<b>Couple family</b>	A couple family comprises two persons in a registered or de facto marriage who usually reside in the same household.
<b>Couple only household</b>	A household consisting of a couple only, with no other persons present.
<b>Couple with dependent children only household</b>	A household consisting of a couple with dependent children and no other persons present.
<b>Couple, other household</b>	Households which contain couple households with non-dependent children only; couple households with dependent and non-dependent children; and couple households with or without children plus relatives other than dependants, and non-family members.
<b>Dependent children</b>	Dependent children are all persons aged under 15 years, or persons aged 15 to 20 years who are full-time students, do not have a spouse or offspring of their own in the household and live with a parent, guardian or other relative in the household.
<b>Diary</b>	The diary was a notebook in which each person aged 15 years and over who was usually resident in the selected dwelling recorded his or her daily expenditure over two weeks.
<b>Employed persons</b>	Employed persons comprise all those aged 15 years or over, who during the reference week <ol style="list-style-type: none"><li>(a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm; or</li><li>(b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helper); or</li><li>(c) were employees who had a job in which they usually worked more than one hour per week but were not at work and were<ol style="list-style-type: none"><li>(i) on paid leave;</li><li>(ii) on leave without pay for less than four weeks prior to the interview date;</li><li>(iii) stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks prior to the interview date;</li><li>(iv) on strike or locked out; or</li><li>(v) receiving wages or salary while undertaking full-time study; or</li></ol></li><li>(d) were self-employed or unpaid family helpers who usually worked more than one hour per week and were at work within four weeks prior to the interview date or were paid for part of the last four weeks.</li></ol>
<b>Employees</b>	Employees are persons who work for a public or private employer, or who work for their own incorporated enterprises, in the job in which they usually work the most hours.

**Employee income**

Employee income is the sum of usual weekly pay, average weekly receipts from leave loading and regular bonuses and the average weekly value of selected in-kind income from employers. Usual weekly pay equals the amount usually received for wages and salaries, tips, commissions, piecework payments, penalty payments, shift allowances, remuneration for time not worked (e.g. sick and holiday pay) and workers' compensation paid through the payroll.

**Expenditure**

Expenditure is the cost of goods and services acquired during the reference period for private use, whether or not those goods were paid for or consumed. For example, goods purchased by bankcard were counted as expenditure at the time they were acquired rather than at the time the bankcard bill was paid.

Expenditure is net of refunds or expected refunds. For example, payments for health services are net of any refunds received or expected to be received.

Information about most types of expenditure was obtained from a diary maintained by all persons aged 15 years and over in households selected in the sample. Some infrequent items of expenditure were collected on a 'recall', or 'last payment' basis. The length of the recall period ranged from two years for house purchases to three months for health expenses.

For a list of items of expenditure which comprise a particular broad expenditure group, reference should be made to the *User Guide* (6527.0).

**Expenditure Commodity Classification**

The Expenditure Commodity Classification is used to classify all expenditure recorded in the HES. There are three additive levels of detail:

- the broad level comprising 17 items or expenditure groups;
- the medium level which breaks up the broad level groups and contains 99 items; and
- the fine level which is the most detailed level of expenditure available comprising 426 items.

For a full description of the Expenditure Commodity Classification see Appendix C in the *User Guide* (6527.0).

**Family**

A family comprises two or more persons, one of whom is at least 15 years of age, who are related by blood, marriage (registered or de facto), adoption, step or fostering, and who are usually resident in the same household. A separate family is formed for each married couple, or for each set of parent/child relationships where only one parent is present. Households may consist of more than one family.

**Full-time workers**

Full-time workers are those who usually work 35 hours a week or more.

**Fully responding households**

Fully responding households are households which have provided all the required HES information at the time of interview. (In previous HES surveys, the term 'fully responding' included households for which missing data have been imputed as well as households which provided all required information at the interview.)

**Government pensions and allowances**

Government pensions and allowances are regular, recurring receipts paid by government to persons under social security and related government programs. They include pensions paid to aged persons, benefits paid to veterans and their survivors and study allowances for students.

<b>Gross income quintile</b>	Gross income quintiles are formed by ranking all households in terms of gross income and then dividing the households into five groups each containing 20 per cent of all households.
<b>Group questionnaire</b>	The group questionnaire collected information on household characteristics, on detailed expenditure items (e.g. health service payments) and on irregular or infrequently occurring expenditure items.
<b>Household</b>	<p>A household is a group of people who usually reside and eat together. This may be</p> <ul style="list-style-type: none"> <li>■ a one person household, that is, a person who makes provision for his or her own food or other essentials for living without combining with any other person; or</li> <li>■ a multi-person household, that is, a group of two or more persons, living within the same dwelling, who make common provision for food or other essentials for living.</li> </ul>
<b>Household composition</b>	Composition of the household is divided into three broad groupings (single families, multiple families and households with only unrelated persons present, including lone person households). Additional categories are formed according to the number of dependent children, the presence of non-dependent children and non-family individuals, the number of unrelated persons and the identification of one parent families within the household.
<b>Income</b>	<p>Income is defined as regular and recurring receipts from all sources before deductions for income tax, superannuation, etc. at the time of the interview. Income can be negative in the case of business loss or where expenses for rental property are higher than income from that source.</p> <p>Although most information about income was obtained on a current basis some was obtained for the previous financial year.</p> <p>Certain receipts such as lump-sum receipts, windfall gains and withdrawals from savings are not considered regular and recurring and are excluded from the definition of income.</p>
<b>Income tax</b>	The amount of income tax (plus medicare levy) payable by households was estimated for all households according to the taxation criteria for 1993-94 and using the income and characteristics of household members as reported in the survey.
<b>Individual questionnaire</b>	The individual questionnaire collected information from each person aged 15 and over on income and personal characteristics such as education and labour force status.
<b>Labour force status</b>	Labour force status classifies all persons aged 15 years or over according to whether they were employed, unemployed or not in the labour force.
<b>Lone person household</b>	A household consisting of a person living alone.
<b>Metropolitan areas</b>	See capital cities.
<b>Nature of housing occupancy</b>	See tenure type.
<b>Negative expenditure</b>	Negative expenditure is expenditure for which refunds (or trade-ins, sales or successful insurance claims for land, houses and cars) have exceeded the costs of acquisitions. For example, if a household sold a car in the 12 month recall period and did not buy a replacement car or bought a less expensive car, then the household would have negative expenditure on cars because sales were greater than the costs of acquisitions.

<b>Negative income</b>	Negative income is the income accrued from an unincorporated business or rental property for which operating expenses and depreciation have exceeded gross receipts.
<b>Net expenditure</b>	Net expenditure is expenditure from which refunds (or trade-ins, sales or successful insurance claims for land, houses and cars) have been deducted.
<b>Net income</b>	Net income is gross income minus estimated income tax payable.
<b>Non-dependent children</b>	Non-dependent children are all persons aged 15 years and over who do not have a spouse or offspring of their own in the household, have a parent in the household and are not full-time students aged 15–20 years.
<b>Non-family member</b>	A non-family member is one of the following <ul style="list-style-type: none"> <li>■ a lone person;</li> <li>■ a group household member; or</li> <li>■ an unrelated individual living in a family household.</li> </ul>
<b>Non-responding households</b>	Non-responding households include households which provided none of the required information (due to non-contact, language problems, death, illness or refusal) or had some missing information which could not be imputed.
<b>Non-sampling error</b>	Non-sampling error refers to a range of errors which affect the overall accuracy of survey estimates. Major sources of non-sampling error are non-response, misinterpretation of questions and incorrect transcription or coding of survey information.
<b>Not in the labour force</b>	Persons not in the labour force are those who were not in the categories of employed or unemployed.
<b>Occupation</b>	Occupation was coded for all employed persons aged 15 years or over, using the Australian Standard Classification of Occupations (ASCO).
<b>One parent one family household</b>	A household consisting of a lone parent and dependent children and may include non-dependent children, relatives other than dependants and non-family members.
<b>Other urban areas</b>	Other urban areas are all towns and urban centres with a population of 1,000 persons or more excluding capital cities.
<b>Own business income</b>	Own business income is the profit/loss that accrues to persons or households as owners of, or partners in, unincorporated enterprises. Profit/loss consists of the value of the gross output of the enterprise after the deduction of operating expenses and an allowance for depreciation of assets used in producing the output. Losses occur when operating expenses and depreciation are greater than gross receipts and are treated as negative incomes.
<b>Part-time workers</b>	Part-time workers are employed persons who usually work less than 35 hours per week.
<b>Principal source of income</b>	Principal source of income is the single source from which the most income is received. For example, if a household received 45 per cent of income from employee income, 35 per cent from own business income and 20 per cent from property income, the principal source of income would be employee income.

<b>Private dwelling</b>	Private dwellings are houses, flats, home units, caravans, garages, tents and other structures used as private places of residence at the time of the survey. These are distinct from special dwellings which include hotels, boarding houses and institutions.
<b>Recall period</b>	The recall period was used in the group questionnaire to define the period for which survey respondents were asked to report their expenditure on specific goods and services. Recall periods varied between 3 months (e.g. for furniture), 12 months (e.g. motor vehicles) and 2 years (house purchases).
<b>Reference person</b>	<p>The reference person is the household member whose characteristics seem most likely to be associated with changes in household expenditure e.g. in couple households, the reference person is the partner with the highest income, in one parent households, that parent is the reference person and in lone person households, that person is the reference person.</p> <p>In households containing more than one family, the reference person is selected from the primary family. The primary family is the family which contains dependent children. If there is more than one family with dependent children, or there are no dependent children present in the household then the primary family is the first family identified during the interviewing.</p>
<b>Relative standard error</b>	The relative standard error is the standard error expressed as a percentage of the estimate for which it was calculated. It is a measure which is independent of both the size of the sample, and the unit of measurement and as a result, can be used to compare the reliability of different estimates.
<b>Reporting period</b>	The reporting period is the two week period over which survey participants reported expenditure in the diary.
<b>Rural areas</b>	Rural areas are localities with a population of less than 1,000 persons and non-urban areas.
<b>Saving</b>	Saving is the part of household income not directly used up or transferred as part of household current consumption. Measures of saving cannot be validly derived from HES results.
<b>Self employed</b>	The self employed are persons for whom the job in which they usually worked the most hours was in their own unincorporated business.
<b>Standard error</b>	The standard error is a measure of the likely difference between estimates obtained in a sample survey and estimates which would have been obtained if the whole population was enumerated. The magnitude of the standard error associated with any survey is a function of sample design, sample size and population variability.
<b>Tenure type</b>	Tenure was determined according to whether the selected dwelling is owned outright, in the process of being bought, being rented either privately or through the government, or occupied rent free.
<b>Unemployed persons</b>	<p>Unemployed persons are those aged 15 years or over who were not employed, were not unpaid voluntary workers and had actively looked for full-time or part-time work at any time in the four weeks prior to the interview date, and</p> <ul style="list-style-type: none"> <li>■ were available for work, or would have been available except for temporary illness (i.e. lasting for less than four weeks prior to the interview date); or</li> </ul>

- were waiting to start a new job within four weeks from the interview date and would have started if the job had been available then.

**Weights**

Weights or 'expansion factors' are values by which information for sample households is multiplied to produce estimates for the whole population.



## APPENDIX C — 1993-94 HES DATA RELEASE PROGRAM

1 This appendix describes the range of data available from the 1993-94 HES in both published and unpublished form. More detailed information can also be obtained by contacting the Household Income and Expenditure Section Contact Officer on Tel: (06) 252 7614.

### PUBLICATIONS

2 The 1993-94 HES publication program is based on that undertaken for the 1988-89 HES survey. For each publication the following list gives the title, ABS catalogue number, price, and a brief description of its contents.

#### *User Guide (6527.0) \$10.00*

Describes the 1993-94 Household Expenditure Survey (HES) definitions, concepts, methodology and estimation procedures. It also contains the HES Expenditure Commodity Classification, a list of the HES output data items, and the relative standard errors of estimates.

#### *Summary of Results (6530.0) \$22.00*

Contains summary tables of the 1993-94 HES results. Includes tables of expenditure on broad categories of commodities and services by household income quintile group, principal source of income, state of residence, family composition, tenure type and characteristics of the reference person.

#### *States and Territories (6533.0) \$17.00*

Includes tables of expenditure on broad categories of commodities and services by state by income quintile, by capital cities by income quintile, and by broad geographic areas. Also includes selected comparisons with 1984 and 1988-89 estimates.

#### *Household Characteristics (6531.0) \$18.50*

Provides tables of expenditure on broad categories of commodities and services by detailed household types. Household types include household size by income quintile, age of reference person by income quintile, family composition by income quintile, employment status of the reference person, tenure type by income quintile, principal source of income by income quintile and life cycle groups. Also provides selected comparisons with 1984 and 1988-89 estimates.

#### *Information Paper: HES Confidentialised Unit Record File (6544.0) free issue*

For users who wish to produce their own tabulations, the ABS can provide a confidentialised unit record file. The Information Paper contains an order form, details of the conditions of use and describes the content and structure of the file.

#### *Detailed Expenditure Items (6535.0) \$18.50*

Contains tables of expenditure at the finest level of detail for commodities and services (over 400 categories). Tables are cross classified by income quintile and state.

*The Effects of Government Benefits and Taxes on Household Income (6537.0) \$21.00*

Describes the results of a study which uses HES data, in conjunction with other data such as government finance statistics to calculate the effects of government benefits and taxes on household income. Provides estimates of government cash benefits received (e.g. age pension and unemployment allowances), personal taxes paid, indirect benefits received (from government spending on health, education and housing) and indirect taxes paid (e.g. petrol and alcohol taxes) for households by principal source of income, family composition by income quintile and characteristics of household reference persons.

UNPUBLISHED DATA

3 The expenditure data in the HES are presented in the published tables as average weekly expenditure for all households for various population groups.

4 Users should note that these published data are only a small portion of the data collected in the survey. It is also not the only way the HES expenditure data can be presented.

5 A wide range of data items is available for specific data requests. The detailed list of possible data items is contained in Appendixes B and C of the *1993-94 Household Expenditure Survey, Australia, User Guide (6527.0)*.

6 The main areas of interest are:

- detailed expenditure items;
- general household characteristics;
- household income;
- income and personal characteristics of household members;
- details of separate mortgages held by the household;
- data relating to personal loans;
- government benefits and income taxes; and
- details for geographic areas.

RESEARCH AIDS

*HES Data Validation Paper — Research Paper*

Contains comprehensive information on the comparison of HES results with results from other collections such as the Australian National Accounts, taxation data and Department of Social Security data. Identifies and explains differences between the 1993-94 HES estimates and data from other sources.

*HESCCL Code Book — HES Processing Documentation \$25.00*

Gives lists of items included in detailed HES commodity codes. The book is arranged both as an alphabetic list (giving code numbers for items arranged alphabetically) as well as a numeric list (which shows all items included under a given code).

*Household Expenditure Survey Questionnaire Pack — HES Interviewing Documentation \$122.00*

Contains samples of the group and individual questionnaires, the loans authorisation form and a HES diary.

CONFIDENTIALISED UNIT  
RECORD FILES (CURFS)

7 For clients who wish to produce their own tabulations and to conduct manipulations of survey estimates (such as applying equivalence scales), a confidentialised file on magnetic tape or disk can be supplied.

8 To protect the confidentiality of individual persons and households some data items have been removed from the file and the level of detail for some items has been reduced.

9 Two types of unit record files are available: a confidentialised unit record file which contains HES estimates only (priced at \$7,200) and a confidentialised file containing HES estimates combined with estimates produced in the study of the Effects of Government Benefits and Taxes on Household Income (\$7,600). Both files are expected to be very similar in content to those released for the 1988-89 Survey.

10 The combined file is available after the release of the HES confidentialised unit record file. For an additional charge of \$400, clients can update HES files bought at the time of the HES CURF release when the results of the study of the Effects of Government Benefits and Taxes become available on CURF.

11 Clients wishing to register interest in these data files should contact the officer listed at the beginning of this section.

**Auspend**  
(previously known as  
**Household Expenditure  
Survey Small Area Data  
or HESSAD**)

12 Auspend combines information from the 1993-94 HES and the 1991 Census of Population and Housing to produce estimates of household expenditure for small geographic areas. Auspend gives market researchers an insight into who their customers are and their presence in different locations.

13 For most expenditure items, Auspend can produce estimates of likely average expenditure by households living in a given area. For example, if a client wanted to set up a home delivery pizza shop then Auspend estimates of average expenditure on take-away in different areas could be produced.

14 Clients wishing to know more about Auspend should contact the officer listed at the beginning of this section.

## APPENDIX D — TECHNICAL NOTE ON SAMPLING VARIABILITY

1 The HES estimates are based on a sample of possible observations. Hence, they are subject to sampling variability and estimates may differ from the figures that would have been produced if information had been collected for all households.

2 A measure of sampling variability, and the extent to which an estimate may vary from the true figure, is the standard error (often abbreviated to SE). The standard error measures the likely difference between an estimate based on a sample and a true estimate that would have been derived had all the population households been enumerated. There are two major factors which influence a standard error: first is the sample size, whereby the larger the sample size, the more accurate the estimate and the smaller the standard error. Thus we expect more accurate estimates at the Australia level than at state level due to the larger sample size involved.

3 The second is the variability of item values between households. If the reported values for all households are similar, then the likely difference between the estimate based on a sample and the true figure is small and this is reflected by a small standard error. For example, the standard error for weekly expenditure on bread is very low relative to the estimated expenditure, because most households have reported expenditures of a similar value. Estimates of average expenditure on bread produced from the HES are therefore considered to be very reliable. Standard errors for the purchase of motor cycles are, however, quite high relative to average expenditure, reflecting the fact that despite the longer recall period, households reported highly variable values for expenditure on motor cycles (many reported no expenditure, while a small number reported high amounts). HES estimates of motor cycle expenditure are therefore less reliable and therefore subject to higher relative standard error.

4 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 nineteen chances in twenty that the difference will be less than two standard errors.

5 The relative standard error (RSE) is the standard error expressed as a percentage of the estimate. Only estimates with relative standard errors of 25 per cent or less are considered sufficiently reliable for most purposes. However, estimates with higher relative standard errors are included in some HES publications, because they are the best estimates available. Such estimates should be treated with caution.

### CALCULATING RELATIVE STANDARD ERRORS

6 The ABS has calculated the relative standard errors for a variety of the estimates shown in the publication, using a technique known as split-halves. Regression models were then fitted to the relative standard errors that had been calculated using the split-halves technique, to smooth the results, and to summarise them into a form which is concise enough to publish. The outcome of this work is published in the appendix of each HES publication, where data are provided to enable relative standard errors to be calculated for each estimate shown in the publication. Table B on the next page shows the relative standard error for each commodity item, at the Australian level.

# B

## 1993-94 HOUSEHOLD EXPENDITURE SURVEY RELATIVE STANDARD ERRORS (%) OF ESTIMATES AT THE AUSTRALIA LEVEL AND FACTOR LINES NEEDED TO DERIVE ESTIMATES AT THE LOWER LEVEL

	Relative standard error (%) for Australia	Factor line	Sample size cut-offs for estimates with an RSE of more than 25%
<b>Broad Expenditure Group</b>			
Commodity or service			
Current housing costs (selected dwelling)	1.5	D	8
Fuel and power	1.1	D	4
Food and non-alcoholic beverages	0.9	D	3
Alcoholic beverages	2.0	F	52
Tobacco	2.7	E	59
Clothing and footwear	2.8	D	36
Household furnishings and equipment	3.1	E	80
Household services and operation	1.3	E	12
Medical care and health expenses	1.6	E	20
Transport	2.4	D	26
Recreation	2.3	D	22
Personal care	2.5	E	27
Miscellaneous commodities and services	2.3	E	44
Total commodity and service expenditure	1.1	C	2
Selected other payments			
Income tax	2.0	B	3
Mortgage payments - principal (selected dwelling)	8.0	B	186
Other capital housing costs	18.7	B	3 196
Superannuation and life insurance	3.5	D	62

### HOUSEHOLD CHARACTERISTICS

<b>Average weekly household income</b>			
Not categorised by quintile	1.2	E	11
First quintile	0.4	F	3
Second quintile	0.1	E	1
Third quintile	0.1	E	1
Fourth quintile	0.1	E	1
Fifth quintile	0.4	C	1
<b>Source of income (% of total income)</b>			
Weekly employee income	1.6	D	9
Weekly own business income	9.1	B	285
Weekly government pensions and benefits	1.8	E	24
Weekly income from other sources	5.5	C	114
Total weekly income from all sources	0.8	A	1
Average age of reference person	0.5	E	2
<b>Average number of persons per household</b>			
Under 18 years old	2.6	F	92
18 to 64 years old	1.3	F	24
65 years old and over	3.2	F	136
<b>Tenure type (% of households)</b>			
Owners	1.8	F	44
Purchasers	2.5	E	85
Renters from state or territory housing authority	5.5	E	294
Renters - other	3.3	E	92
Rent-free	8.6	E	788
Average number of employed persons in the household	1.6	F	34
<b>Household composition (% of households)</b>			
Couples only	2.4	F	76
Couples with dependent children only	2.6	F	89
Couple - other	4.0	F	215
One parent one family	5.7	E	310
Lone person	2.9	F	113
Other	4.0	F	215
<b>Estimated number of households ('000)</b>			
Metropolitan areas	1.0	F	15
Other urban areas	3.3	F	148
Rural areas	2.1	F	61
<b>Estimated total number in population ('000)</b>			
Households	1.0	F	14
Persons	1.3	F	22

7 To obtain the relative standard error for an estimate at any other level (e.g. for a state, or for an income quintile) the value in table B must be adjusted to take account of the smaller size of the sample contributing to that particular estimate. Because the sample size is smaller, the relative standard error will be larger. The first step in making this adjustment is to look up the number of sampled households contributing to the estimate for the item; The 'Number of households in sample' from a particular state, or income quintile, which will be shown in the same table which contains the estimate of interest.

8 The relative standard error for an estimate can be calculated by multiplying the relative standard error for the item at the Australian level (found directly from table B), by an adjustment factor (found from figure A) which compensates for the smaller sample size.

9 In theory, each different item requires a different adjustment factor. However, to prevent figure A from becoming illegible, the items have been formed into 6 groups (labelled A - F). Within each group of items, the theoretical adjustment factors are similar enough that a common adjustment factor can be used in practice. Table B indicates the group to which each commodity item belongs.

10 Figure A plots the adjustment factor for each of these 6 groups (A - F) of items, against sample size. The adjustment factor for a particular estimate can be read off this graph, once the sample size contributing to the estimate, and the group to which the item belongs have been determined. In brief, the procedure for calculating the relative standard error for a particular estimate is as follows:

- (i) from tables containing estimates in the relevant publication, look up the number of sampled households contributing to the estimate for the item;
- (ii) using table B, look up the Australian relative standard error, R, for that item and the letter of the factor line corresponding to the item;
- (iii) using the factor line graph, read off the value, FCT for the number of sampled households for the particular commodity item;
- (iv) the relative standard error is calculated using the following equation:

$$RSE = FCT \times R\%$$

where,

*R = the relative standard error of the estimate for Australia and is given in table B; and*  
*FCT = a factor based on the number of sampled households and is given in figure A.*

11 An example of the calculation of a relative standard error is given below. Table 8 shows that the estimate of average household expenditure on transport for the fourth income quintile group is \$116.17. The relative standard error on this group is calculated as follows:

- (i) From table 8 the number of sampled households is 1,650;
- (ii) From table B the Australian RSE is 2.4 per cent and the factor line required is D;
- (iii) Looking up line D on the graph with number of sampled households (1,650) shows factor D is approximately 1.9:

(iv) The RSE is thus:  $1.9 * 2.4$  per cent = 4.6 per cent.

12 The estimate of average weekly expenditure for transport at the fourth quintile income level is \$116.17. Therefore the SE for this fourth quintile estimate is  $RSE * estimate = 0.046 * \$116.17 = \$5.34$ . From here we can deduce that there are about 2 chances in 3 that the true value lies within \$5.34 of the estimate (or between \$110.83 and \$121.51) and 19 out of 20 chance that it lies within \$10.68 of the estimate (or between \$105.49 and \$126.85).

CALCULATION OF  
STANDARD ERRORS  
FOR DERIVED STATISTICS

13 Many figures of interest may be derived by taking sums, differences and ratios of the tabulated data.

14 Approximate standard errors for these 'derived estimates' can be calculated using the formulae below in which  $x_1$  and  $x_2$  are estimates and  $SE(x_1)$ , and  $SE(x_2)$  are the standard errors of  $x_1$  and  $x_2$ . Exact standard errors for these 'derived estimates' have not been published, although they could be calculated upon request.

15 Note: The approximate formulae are derived assuming the correlation between  $x_1$  and  $x_2$  is zero. Correlation, in this context, is a statistical estimate which measures the linear relationship between  $x_1$  and  $x_2$  and takes values in the range [-1,1]. The correlation will be exactly zero if the two estimates are based on independent subgroups of the sample (e.g. different states or income groups). Two estimates of the same subgroup will be positively correlated if large values of the items are likely to occur together (e.g. estimates of expenditure on transport are likely to be correlated with estimates of expenditure on purchase of vehicles because purchase of vehicles is a large part of the expenditure included in expenditure on transport).

(a) converting between  
relative standard error  
(RSE) and standard error  
(SE)

16 The relative standard error is the standard error expressed as a percentage of the estimate. Formulae for converting standard errors to relative standard errors and the relative standard errors to standard errors are given below:

$$RSE(x_1) = \frac{(SE(x_1 \times 100))}{x_1}$$
$$SE(x_1) = \frac{(x_1 \times RSE(x_1))}{100}$$

17 Returning to the expenditure on transport example, average expenditure on transport ( $x_1$ ) at the fourth income quintile level was \$116.17 and the RSE was equal to 4.6 per cent. Therefore, the standard error ( $SE(x_1)$ ) was equal to  $(\$116.17 * 4.6)/100 = \$5.34$ .

(b) calculating the standard error for summed estimates

18 New items or categories of expenditure can be derived by combining existing ones. The approximate standard error of the estimate is:

$$SE(x_1 + x_2) = \sqrt{(SE(x_1))^2 + (SE(x_2))^2}$$

19 For example, if we wanted to create a new category of expenditure, say of expenditure on transport and personal care, then to calculate the standard error of the new category we would need to know the standard error of expenditure on both transport and personal care. At the Australia level, the estimate for expenditure on transport (\$93.58) and personal care (\$11.37) can be obtained from table 1. Calculation of the standard error for the combined estimate of transport and personal care would be as follows:

Given that  $x_1$  = average expenditure on transport  
and

$$\begin{aligned} SE(x_1) &= RSE(x_1) \times x_1 \\ &= 0.024 \times 93.58 \\ &= \$2.25 \end{aligned}$$

and that  $x_2$  = average expenditure on personal care  
and

$$\begin{aligned} SE(x_2) &= RSE(x_2) \times x_2 + (0.31)^2 \\ &= 0.025 \times 11.37 \\ &= \$0.28 \end{aligned}$$

therefore

$$\begin{aligned} SE(x_1 + x_2) &= \sqrt{(2.25)^2 + (0.28)^2} \\ &= \sqrt{5.06 + 0.08} \\ &= \$2.27 \end{aligned}$$

Note: If there was a non-zero correlation between  $x_1$  and  $x_2$  then the standard error for a sum would be:

$$SE(x_1 + x_2) = \sqrt{(SE(x_1))^2 + (SE(x_2))^2 + 2 \times r \times SE(x_1) \times (SE(x_2))}$$

20 where  $r$  is the sample correlation coefficient.



21 Thus, if the two estimates are positively correlated (i.e.  $r > 0$ ) then the standard error will be underestimated; similarly if there is a negative correlation (i.e.  $r < 0$ ) then the standard error will be overestimated.

(c) calculating the standard error for the difference between estimates

22 The standard error of the difference can be used to determine whether two estimates are significantly different, that is, whether the difference is unlikely to be due to sampling variability. If the difference between estimates is twice the standard error of the difference, then the estimates are said to be statistically different at the 95 per cent confidence level.

23 The approximate standard error of the difference between estimates is:

$$SE(x_1 - x_2) = \sqrt{(SE(x_1))^2 + (SE(x_2))^2}$$

24 As can be seen, the approximate standard error of the difference involves the same calculations as the standard error of the sum. This approximation is accurate provided that the two estimates have zero correlation. If correlation exists then we obtain the standard error formula of

$$SE(x_1 - x_2) = \sqrt{(SE(x_1))^2 + (SE(x_2))^2 - 2 \times r \times SE(x_1) \times (SE(x_2))}$$

25 In this case a positive correlation here will produce an overestimate of standard error whilst a negative correlation will produce an underestimate.

(d) calculating the standard error of the ratio of estimates

26 Two items can be compared by calculating the ratio of one to the other.

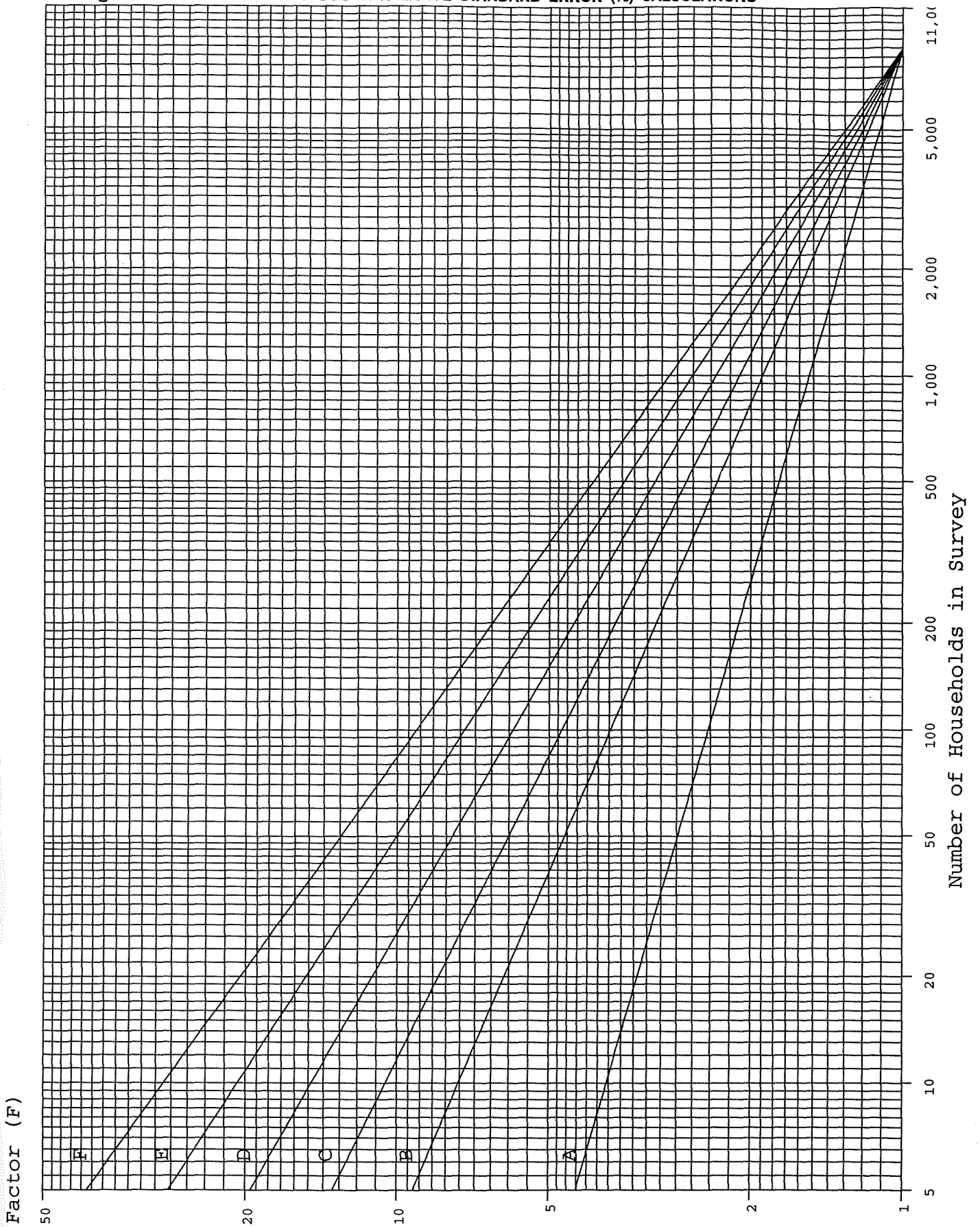
27 For example, researchers may want to express expenditure on petrol (commodity code 506) as a percentage of total expenditure on transport costs (the sum of commodity codes 501 to 535).

28 The relative standard error of the percentage or proportion can be approximated using the formula:

$$RSE\left(\frac{x_1}{x_2}\right) = \sqrt{(RSE(x_1))^2 + (RSE(x_2))^2}$$

29 As can be seen, this formula is similar to that used for calculating sums and differences between estimates, except that relative standard errors, RSEs, are used in the formula in place of the standard errors, SEs.

Figure A FACTOR FCT TO USE IN RELATIVE STANDARD ERROR (%) CALCULATIONS



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