AUSTRALIAN BUREAU OF STATIST

CATALOGUE NO. 6334.0

EMBARGOED UNTIL 11.30 A.M. 23 MAY 1984

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EMPLOYMENT BENEFITS, AUSTRALIA, AUGUST 1983

PHONE INQUIRIES for more information about these statistics-contact Ms Gail Carters on Canberra (062) 52 6661 or any of our State offices. other inquiries including copies of publications-contact Information Services on Canberra (062) 52 6627 or any of our State offices. write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any our State MAIL INQUIRIES offices.

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EXPLANATORY NOTES

Introduction

In association with the August 1983 labour force survey conducted throughout Australia, employed wage and salary earners ('employees') were asked about a range of employment benefits provided to them by employers.

2. During the two weeks beginning Monday 8 August, 1983, specially trained interviewers asked the questions of those of the 70,000 respondents in the August labour force survey who fell within the scope of this survey.

3. Results of a similar survey, conducted in February to May 1979, have been published in *Employment Benefits, Australia, February to May 1979* (6334.0).

Scope

4. The survey included all civilians aged fifteen years and over who were employees in their main job except:

- (a) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (b) overseas residents in Australia;
- (c) dependants of non-Australian defence forces personnel stationed in Australia;
- (d) students boarding at school, persons permanently unable to work, some patients in hospitals and sanatoria and inmates of jails, reformatories etc.; and
- (e) persons on workers' compensation.

Definitions

An employment benefit is defined as a concession, 5. allowance or other privilege, etc., received in addition to wages or salary and award, etc., minimum provisions under which a person was employed in their main job. Not all benefits were received direct from the current employer. Some benefits received by employees from other sources as a result of their employment in a particular occupation or industry have been included in the tables (e.g. a concession air fare granted by an airline to a travel agency employee). All types of wage and salary payments, including bonuses, payments for leave of various kinds and overaward payments, as well as emoluments received in accordance with award, etc., provisions (e.g. safety clothing), were not considered to be benefits for the purposes of the survey. Definitions of particular benefits are given in the following paragraphs.

6. All benefits covered by this survey were received while the employee was working for the current employer. Most of the types of benefits were being received by employees at the time of the survey, but in the cases of four particular benefits — holiday costs (paragraph 7), low interest finance (paragraph 8), goods and services (paragraph 9), shares (paragraph 18)—the benefits could have been taken up at any time while the employees worked for the current employer. 7. *Holiday costs*. Any free or discounted holiday or holiday travel expenses paid for or subsidised as a result of a person's employment at the time of the survey.

8. Low interest finance. Finance provided by the employer at a low interest rate. In cases where the employer was an institution which provided loans to persons other than its own employees, e.g. banks, a benefit was recorded only if the loan was at a lower rate of interest than the lender's usual rate for the particular purpose for which the loan was made. While loans made by lending institutions to non-employee members were not included under this definition, it is nevertheless known that some respondents reported, as low interest finance, loans provided by institutions whose borrowers were restricted to employees of certain other organisations (e.g. some credit unions set up by companies, public service, etc.).

9. Goods and services. Goods and services (not included under other headings) provided free or at a discounted price to an employee, e.g. a motor vehicle supplied at a discount price to an employee of a car manufacturer.

10. Housing. Assistance in the provision of or subsidisation of the costs of accommodation used as a residence by a person or his family. It included the provision to an employee, as an employee entitlement, of a residence owned by the employer, payment or subsidisation of rent or board, provision of a housing allowance and payment or subsidisation of water, sewerage or general rates payable to local government authorities.

11. *Electricity*. Payment or subsidisation by a person's employer of household fuel and/or power expenses, including electricity, gas, oil and firewood.

12. *Telephone*. Payment or subsidisation, by the employer, of private telephone charges.

13. *Transport.* Assistance with *day-to-day* travelling for *private purposes* by the provision of a vehicle or by other means, e.g. travelling allowance, excluding payment or subsidisation of the cost of travel to and from work. This type of emolument when used for less frequent purposes, e.g. holidays, was classified as another type of benefit e.g. holiday costs.

14. *Medical.* Payment or subsidisation by the employer, of an employee's medical and/or hospital expenses, etc. and/or benefits fund contributions. Deduction from the employee's wages or salary, where the employee paid the full contribution, was not considered to be a benefit.

15. Union dues. Payment or subsidisation by the employer of the employee's union membership dues or professional association membership fees. Deduction from the employee's wages or salary, where the employee paid the full amount, was not considered to be a benefit.

16. *Club fees.* Payment or subsidisation of the employee's membership fee for a club or society (not being a union or professional association) of which he/she was a member. Deduction from the employee's wages or salary, where the employee paid the full amount, was not considered to be a benefit.

17. Entertainment allowance. Regular provision of an amount for entertainment or hospitality expenses, or the reimbursement of expenses regularly incurred for entertainment or hospitality purposes.

18. *Shares.* Receipt or provision of shares, rights or options in the employer's business as an employee entitlement.

19. Study leave. Time off granted by the employer for attendance at classes during working hours, provided that the course being studied was not undertaken as a condition of employment. Thus apprentices, etc. attending college were not considered to be receiving a benefit, but other students were, even if they lost pay while on study leave or had to make up all of the time they were absent during working hours.

20. Superannuation. Membership of a superannuation or retirement benefits scheme, but only if the scheme was arranged or provided by the person's current employer and even if the employer did not contribute to the fund.

21. Children's education expenses. Payment in full or in part by the employer of any expenses incurred in the education of an employee's child(ren), e.g. tuition fees, books.

22. The mere availability of or entitlement to a benefit (as defined) was not sufficient reason for its inclusion in the tables in this publication; only those benefits which were used or taken up were counted.

23. *Hours worked in main job* referred to actual hours worked during the survey week.

24. *Full-time* employees are those who usually worked 35 hours or more each week (in all jobs) and others who, although usually working less than 35 hours each week worked 35 hours or more during the survey week.

25. Weekly earnings in main job referred to the amount of 'last total pay' prior to the interview (i.e. before taxation and other deductions had been made). For persons paid other than weekly, earnings were converted to a weekly equivalent. No adjustment was made for any back payment of wage increases or pre-payment of leave, etc.

Comparability of series

26. The scope of the previous survey conducted in February to May 1979 was restricted to employees who usually worked 20 hours or more per week. In addition, for the 1979 survey respondents were interviewed personally whereas for the August 1983 survey respondents were either interviewed personally or another adult member of the household responded on their behalf. The methodology adopted for the current survey may have resulted in the non-reporting of particular benefits compared with the 1979 survey.

Reliability of the estimates

27. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they are subject to sampling variability; that is they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error. More information about this topic and a table of standard errors will be found in the Technical note.
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by interviewers and respondents and errors made in the coding and processing of data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Related publications

28. Other ABS publications which may be of interest include:

The Labour Force, Australia (6203.0)—issued monthly

Working Conditions, Australia, February to May 1979 (6335.0)

Alternative Working Arrangements, Australia, March to May 1982 (6341.0)

29. 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 *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

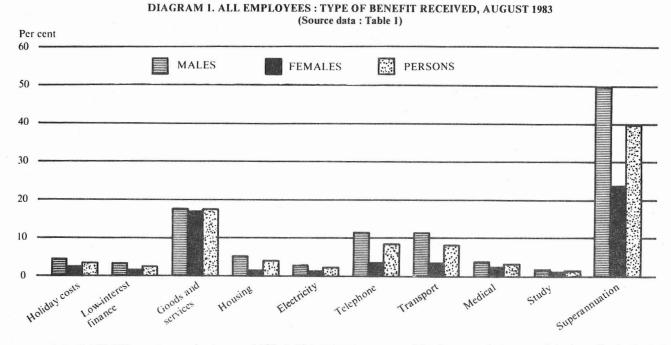
* subject to sampling variability too high for most practical uses. See paragraph 27 above.

30. Because figures have been rounded, discrepancies may occur between sums of the component items and totals.

R. J. CAMERON Australian Statistician

SUMMARY OF FINDINGS

Of the fifteen benefits included in the Survey of Employment Benefits, superannuation provided or arranged by employers was the most common—39.9 per cent of all employees received this benefit (comprising 50.0 per cent of male employees and 23.9 per cent of females). Goods and services (received by 17.6 per cent of employees), telephone expenses (8.6 per cent) and transport expenses (8.4 per cent) were also prominent. Similar to the situation with superannuation a higher proportion of male employees than female employees were in receipt of each of these benefits.



Of the 5,187,900 employees in August 1983, 2,184,900 (42.1 per cent) had not received any of the benefits included in the survey, 1,814,400 (35.0 per cent) received one benefit and 1,188,600 (22.9 per cent) received more than one benefit. For males the corresponding proportions were 33.0 per cent, 37.2 per cent and 29.8 per cent and for females 56.6 per cent, 31.5 per cent and 11.9 per cent respectively. About 277,000 employees (5.3 per cent) had received four or more benefits.

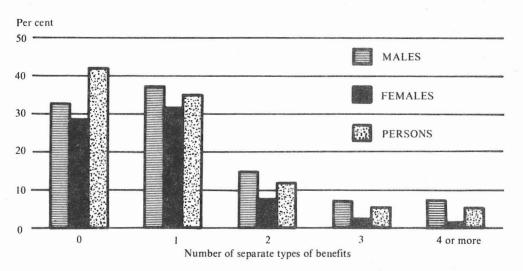
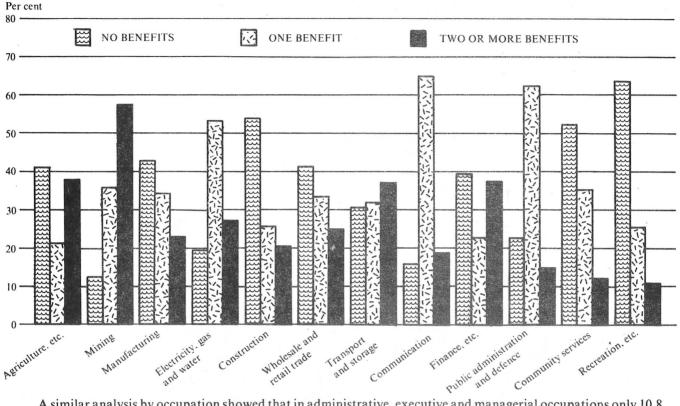
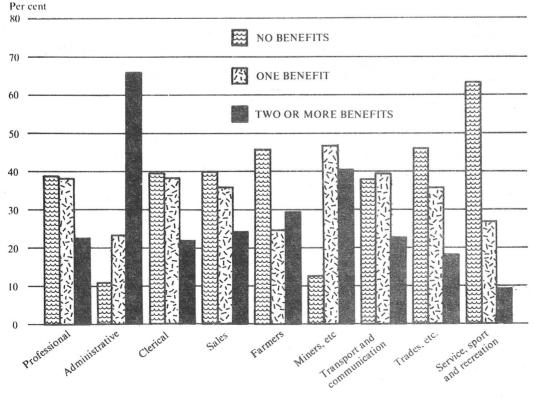


DIAGRAM 2. ALL EMPLOYEES : NUMBER OF SEPARATE TYPES OF BENEFIT RECEIVED, AUGUST 1983 (Source data : Table 7) The number of separate benefits employees had received varied significantly according to the industry and occupation of the employees. In the mining industry only 12.5 per cent of employees had not received any benefit at all and 51.5 per cent had received two or more benefits, compared with recreation, personal and other services where 63.6 per cent of employees had not received any benefits at all and only 10.8 per cent had received two or more benefits.





A similar analysis by occupation showed that in administrative, executive and managerial occupations only 10.8 per cent of employees had not received any benefit at all and 66.0 per cent had received two or more benefits compared with service, sport and recreation occupations where 63.7 per cent of employees had not received any benefit at all and only 9.3 per cent had received two or more benefits.

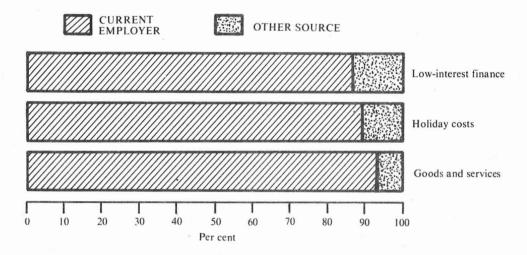




The survey also showed that the higher employees' earnings, the more likely they were to have received benefits—about 68.8 per cent of employees with weekly earnings of less than \$160 had not received any benefit at all and only 9.1 per cent had received two or more benefits, compared with 15.0 per cent and 45.1 per cent respectively for employees with weekly earnings of \$420 and over. There were also increased likelihoods of having received benefits as employees became older and as their hours of work increased. (Tables 10, 11, 12.)

Some benefits had been received by employees from sources other than their current employers: the benefits about which this information was sought were low-interest finance, holiday costs and goods and services.

DIAGRAM 5. SELECTED BENEFITS : SOURCE, AUGUST 1983 (Source data : Tables 13, 15)



Superannuation beneficiaries

The incidence of a superannuation benefit was highest amongst miners (78.6 per cent were recipients) and administrative, executive and managerial workers (64.4 per cent) and lowest amongst farm workers, etc. (16.7 per cent) and sales workers (20.7 per cent). Employees aged 55-59 years were the most likely to have received this benefit—in August 1983, 55.0 per cent had been beneficiaries. (Table 14.)

Transport beneficiaries

Of the 436,700 employees who had received a transport benefit, 239,100 (54.7 per cent) had a vehicle provided for private use; 115,500 (26.4 per cent) had travelling expenses provided on a day-to-day basis for private purposes and 82,200 (18.8 per cent) were provided with both of these types of transport benefit. Employees in administrative, executive and managerial occupations were most likely to have received a transport benefit—44.1 per cent of all employees in that occupation group had received this benefit. They represented 31.5 per cent of all transport beneficiaries and 37.9 per cent of all employees who had received only the vehicle benefit. (Tables 15, 2.)

Part-time workers

Of the 858,700 part-time workers in August 1983 only 28.4 per cent had received any benefit at all, compared with 63.7 per cent of full-time employees. This difference was accentuated when comparing males and females—33.2 per cent of male part-time employees and 69.0 per cent of male full-time employees were beneficiaries whilst only 27.2 per cent of female part-time employees and 51.7 per cent of female full-time employees were beneficiaries. (Table 9.)

TABLE 1. ALL EMPLOYEES: TYPE OF BENEFIT RECEIVED, AUGUST 1983 ('000)

			(000)				r.		
	N.S.W.	Vic.	Qld	<i>S.A.</i>	W.A.	Tas.	N. T.	A.C.T.	Aust.
			MALE	S			1		
Total employees	1,102.6	859.1	491.6	271.6	282.3	87.7	32.0	56.5	3,183.4
Holiday costs	47.5	29.9	24.9	8.0	19.4	1.4	7.1	*	139.3
Low-interest finance	33.3	31.5	10.7	10.2	10.0	3.3	1.8	*	102.1
Goods and services	186.4	151.6	86.4	59.7	55.8	15.4	3.9	5.5	564.8
Housing	45.2	27.2	37.5	15.8	30.8	5.3	9.1	1.8	172.8
Electricity	28.3	11.8	16.9	5.3	21.1	6.1	6.3	*	96.3
Telephone	133.1	91.1	56.9	30.1	40.9	9.8	4.8	5.5	372.4
Transport	134.0	106.8	46.2	27.0	37.7	6.1	4.4	4.6	366.7
Medical	30.2	40.7	21.7	8.8	15.4	6.2	*	*	124.8
Union dues	36.5	23.6	12.5	7.0	6.9	2.0	*	1.6	91.0
Club fees	29.6	17.0	11.1	6.0	7.4	1.1	*	1.6	74.3
Entertainment allowance	81.5	53.0	26.2	15.3	18.9	3.1	2.7	4.7	205.4
Shares	24.5	17.6	7.4	5.4	7.5	1.3	*	*	64.3
Study leave	23.0	13.2	7.8	5.8	5.1	1.2	*	3.3	59.8
Superannuation	571.2	447.3	217.9	129.2	119.2	49.6	19.4	36.6	1,590.4
Children's education expenses	*	4.0	*	*	*	*	*	*	11.5
			FEMAL	ES					
Total employees	698.6	550.7	289.3	172.5	178.4	51.1	20.1	43.7	2,004.5
Holiday costs	14.5	10.3	5.9	2.8	6.1	*	1.5	*	42.7
Low-interest finance	12.6	8.2	2.8	2.2	3.3	*	*	*	31.3
Goods and services	119.1	95.8	50.1	33.0	33.7	9.0	2.3	6.0	349.1
Housing	8.6	5.0	8.9	3.6	5.2	*	*	*	32.8
Electricity	9.3	4.0	7.0	2.0	4.5	*	*	*	27.9
Telephone	27.4	15.1	12.9	5.4	7.1	1.2	*	*	71.6
Transport	27.7	17.9	11.0	4.3	6.8	1.0	*	*	70.0
Medical	14.1	15.0	8.5	3.9	4.6	1.1	*	*	48.0
Study leave	12.3	6.6	3.1	*	2.7	*	*	1.7	28.7
Superannuation	182.0	131.9	69.4	26.5	25.7	13.0	9.7	20.3	478.5
			PERSO	NS		×			
Total employees	1,801.3	1,409.8	780.9	444.1	460.7	138.8	52.1	100.2	5,187.9
Holiday costs	62.0	40.2	30.8	10.8	25.5	2.1	8.7	1.8	181.9
Low-interest finance	45.8	39.8	13.5	12.4	13.3	4.1	2.2	2.5	133.5
Goods and services	305.5	247.3	136.5	92.7	89.6	24.5	6.3	11.5	913.9
Housing	53.7	32.3	46.4	19.4	36.0	5.9	9.9	1.9	205.6
Electricity	37.5	15.9	23.9	7.3	25.5	6.5	7.0	*	124.2
Telephone	160.5	106.3	69.8	35.5	48.0	11.0	6.2	6.7	444.0
Transport	161.7	124.7	57.2	31.3	44.5	7.0	4.7	5.8	436.7
Medical	44.3	55.6	30.2	12.7	20.0	7.3	1.6	*	172.8
Union dues	42.1	29.2	13.9	8.0	8.7	2.4	*	2.0	107.3
Club fees	33.7	18.5	12.7	6.9	8.8	1.1	*	2.0	84.1
Entertainment allowance	93.7	58.5	28.8	16.0	21.6	3.3	2.9	5.4	230.2
Shares	31.0	22.8	11.1	6.7	9.5	1.6	*	*	83.4
Study leave	35.3	19.7	10.9	7.3	7.8	1.6	*	5.0	88.5
Superannuation	753.2	579.2	287.3	155.7	144.9	62.6	29.1	57.0	2,068.9
Children's education expenses	4.6	4.6	4.2	*	*	*	*	*	16.8

TABLE 2. ALL EMPLOYEES: TYPE OF BENEFIT RECEIVEDAND INDUSTRY, AUGUST 1983('000)

		('000')				
	Agriculture, etc.	Mining	Manufacturing	Electricity, gas and water	Construction	Wholesale an retail trad
		MALES			8 U U	
Total employees	102.6	83.1	810.3	124.5	220.2	544
Holiday costs	*	12.3	13.1	*	3.9	11.1
Low-interest finance	*	*	14.4	3.7	*	5.4
Goods and services	26.7	16.0	169.2	19.3	19.9	184.1
Housing	33.9	23.6	11.3	7.7	10.6	13.
Electricity	26.9	15.2	6.4	5.1	7.6	10.
Telephone	21.1	8.9	72.1	12.4	29.8	80.
Transport	11.8	5.1	82.2	*	30.5	121.
Medical	3.3	14.4	26.2	*	5.5	20.
Union dues	*	*	18.6	*	10.3	
Club fees	*	*	15.4	*	3.9	15.
Entertainment allowance	*	*	42.2	*		17.:
Shares	*	*	42.2	*	13.1	64.
	*	*			5.8	15.1
Study leave			6.7	3.2		3.1
Superannuation	17.2	65.3 *	388.3	91.4	57.6	179.8
Children's education expenses	*		*	*	*	
		FEMALES	3			
Cotal employees	23.3	6.3	264.6	11.3	23.2	424.1
Holiday costs	*	*	*	*	*	5.8
Low-interest finance	*	*	*	*	*	*
Goods and services	6.8	*	64.8	*	*	168.9
Housing	7.6	*	*	*	*	3.2
Electricity	6.9	*	*	*	*	3.1
Telephone	5.7	*	7.2	*	7.2	
Transport	3.5	*	9.4	*	6.2	18.2
Medical	*	*	4.2	*	0.2	
	*		4.2		*	7.9
Study leave Superannuation	*	3.1	64.1	8.2	3.4	* 58.0
		PERSONS				
otal employees	125.9	89.4	1,074.8	135.8	243.4	968.2
	*			*		
Holiday costs	*	13.4	15.1		4.2	17.5
Low-interest finance			15.8	4.2	*	5.8
Goods and services	33.4	17.1	234.0	20.1	21.9	353.5
Housing	41.5	24.3	12.0	7.7	12.5	16.3
Electricity	33.7	15.7	7.8	5.1	10.1	14.5
Telephone	26.8	9.2	79.3	12.4	37.0	99.1
Transport	15.3	5.4	91.6	*	36.7	143.2
Medical	3.7	15.5	30.4	*	7.4	28.6
Union dues	*	*	21.2	*	10.7	18.1
Club fees	*	*	16.1	*	5.0	19.4
Entertainment allowance	*	*	46.0	*	14.4	71.8
Shares	4.0	*	21.6	*	7.5	22.3
Study leave	*	*	7.9	3.9	*	6.5
Superannuation	18.5	68.4	452.5	99.5	61.0	237.8
Children's education expenses	*	*	*	*	*	3.3

TABLE 2. ALL EMPLOYEES: TYPE OF BENEFITRECEIVED AND INDUSTRY, AUGUST 1983—continued('000)

	, II			Public administration			
	Transport and storage	Communication	Finance, etc.	and defence	Community services	Recreation, etc.	Total
		М	ALES				
Total employees	257.6	102.3	229.8	213.4	370.7	124.8	3,183.4
Holiday costs	69.7	*	10.8		7.3	*	139.3
Low-interest finance	*	*	59.0	*	8.4	*	102.1
Goods and services	42.2	8.0	26.9	7.0	21.9	23.1	564.8
Housing	12.3	*	17.1	7.1	30.2	3.2	172.8
Electricity	4.8	*	6.3	*	8.7	3.0	96.3
Telephone	24.3	13.5	49.4	16.8	32.7	10.4	372.4
Transport	28.3	*	48.3	6.7	17.9	11.8	366.7
Medical	3.7	*	40.5		7.4	*	124.8
Union dues	6.2	*	23.3		6.7	3.1	91.1
Club fees	*	*	24.1		5.5	*	74.3
Entertainment allowance	9.0	*	47.2		10.4	9.5	205.4
Shares	3.5	*	12.7		*	*	64.3
Study leave	4.0	*	10.6		14.5	*	59.8
Superannuation	130.0	91.9	133.6		238.0	25.8	1,590.4
Children's education expenses	*	*	*		*	*	11.5
		FEM	MALES				
Total employees	42.2	34.4	245.7	101.9	644.9	182.7	2,004.5
Holiday costs	13.1	*	13.3	*	4.4	*	42.7
Low-interest finance	*	*	24.2		*	*	31.3
Goods and services	6.5	*	25.2	*	36.1	34.7	349.1
Housing	*	*	*	*	9.8	3.3	32.8
Electricity	*	*	*	*	6.2	3.0	27.9
Telephone	*	*	9.9	*	11.9	5.5	71.6
Transport	3.4	*	8.7	*	8.7	5.8	70.0
Medical	*	*	20.7	*	10.1	*	48.0
Study leave	*	*	4.4	3.8	12.9	*	28.7
Superannuation	11.4	20.0	72.5		159.4	11.9	478.5
		PEI	RSONS				
Total employees	299.8	136.7	475.5	315.3	1,015.6	307.4	5,187.9
Holiday costs	82.9	*	24.2	*	11.7	3.8	181.9
Low-interest finance	*	*	83.2	3.2	11.2	*	133.5
Goods and services	48.7	9.1	52.0	8.3	58.0	57.8	913.9
Housing	13.4	3.7	18.9	8.7	40.0	6.4	205.6
Electricity	5.5	*	8.6		14.8	6.0	124.2
Telephone	27.0	15.0	59.3		44.6	15.9	444.0
Transport	31.7	*	57.0		26.6	17.6	436.7
Medical	4.1	*	61.2		17.5	*	172.8
Union dues	6.8	*	26.3		11.3	4.6	107.3
Club fees	*	*	25.5		7.3	3.2	84.1
Entertainment allowance	10.4	*	52.9		12.0	12.0	230.2
Shares	4.2	*	17.2		*	*	83.4
Study leave	5.2	*	15.0		27.4	3.5	88.5
Superannuation	141.4	111.9	206.2		397.4	37.6	2,068.9
Children's education expenses	*	*	*		4.7	*	16.8

TABLE 3. ALL EMPLOYEES: TYPE OF BENEFIT RECEIVED, OCCUPATION AND FULL-TIME OR PART-TIME STATUS, AUGUST 1983 ('000)

			Occupation g	group		
	Professional, technical, etc.	Administrative, executive and managerial	Clerical	Sales	Farmers, fishermen, timber getters, etc.	Miners quarrymer etc
		MALES				
Total employees	462.3	276.9	307.1	192.5	135.1	30.
Holiday costs	13.5	15.9	19.4	5.8	*	
Low-interest finance	18.2	22.3	36.8	3.6	*	
Goods and services	52.7	70.7	47.0	60.6	29.5	3.1
Housing	32.6	22.4	9.7	*	34.9	5.
Electricity	11.7	12.4	3.5	3.4	27.6	4.4
Telephone	70.2	115.0	19.3	36.2	22.0	4.
	56.4	128.2	17.1	61.4		
Transport	19.1				13.3	
Medical		20.9	28.1	6.1	3.4	3.
Union dues	27.5	19.4	7.1	5.3	3.0	
Club fees	18.0	31.2	5.1	8.3	*	
Entertainment allowance	41.0	94.6	11.9	30.9	*	
Shares	10.5	19.3	5.6	5.4	3.0	
Study leave	21.1	5.0	14.7	*	*	
Superannuation Children's education expenses	312.8 3.5	187.4	222.9	66.6 *	25.3	24.
		FEMALES				
Total employees	417.6	35.3	738.1	226.1	21.0	
	12		20.2			
Holiday costs	4.2	•	28.3	3.1	*	
Low-interest finance	3.5		26.4		*	
Goods and services	28.0	10.1	118.0	99.7	6.5	
Housing	8.2	*	8.9	*	5.1	
Electricity	4.6	*	9.9	*	4.3	
Telephone	8.7	7.7	36.4	7.4	3.6	
Transport	6.9	9.6	34.7	10.9	*	
Medical	9.0	*	28.6	3.0	*	
Study leave	10.7	*	14.1	*	*	
Superannuation	125.5	13.8	239.0	20.1	*	
		PERSONS				
otal employees	879.9	312.3	1,045.2	418.6	156.1	31.0
Holiday costs	17.6	17.3	47.7	8.9	*	
Low-interest finance	21.7	22.8	63.1	3.9	*	
Goods and services	80.8	80.8	165.0	160.3	36.0	3.8
Housing	40.8	23.6	18.6	4.7	40.0	5.1
Electricity	16.3	13.3	13.3	5.5	31.9	4.4
Telephone	78.9	122.7	55.7	43.6	25.6	,
Transport	63.3	137.8	51.8	72.3	15.5	
Medical	28.1	22.3	56.7	9.1	3.7	3.1
Union dues	33.4	20.3	11.2	7.2	3.1	,
Club fees	19.6	32.8	9.9	8.8	*	
Entertainment allowance	46.1	99.0	21.8	35.0	*	
Shares	10.8	20.6	17.6	8.9	3.7	
Study leave	31.8	6.1	28.8	3.0	*	
Superannuation	438.3	201.2	461.9	86.7	26.1	24.4
Children's education expenses	4.9	3.1	*	*	*	24.4

TABLE 3. ALL EMPLOYEES: TYPE OF BENEFIT RECEIVED, OCCUPATION AND FULL-TIME OR PART-TIME STATUS, AUGUST 1983—continued ('000)

		Occupation group			All employees Full-time Part-time 3,008.7 174.7 136.3 3.0 101.2 * 538.4 26.4 170.3 * 93.7 * 364.3 8.1 359.5 7.2 122.5 * 88.1 * 73.3 * 202.4 3.0 62.1 * 55.2 4.6 1,566.0 24.4 11.1 * 202.4 3.0 62.1 * 38.5 4.2 29.3 * 203.6 9.2 18.1 9.7 36.9 34.7 43.9 26.1 42.1 5.8 24.0 4.7 434.7 43.8 78.3 135.7 193.9 11.7 11.8 12.3 401.2 42.8		
	Transport and communication	Tradesmen, production- process workers and labourers, n.e.c.	Service, sport and recreation	Full-time	Part-time	Tota	
					Part-time	1010	
		MALES					
Total employees	223.4	1,349.8	205.3	3,008.7	174.7	3,183.4	
Holiday costs	26.9	47.5	6.3		3.0	139.3	
Low-interest finance	*	15.2	*	101.2	*	102.1	
Goods and services	39.7	232.7	28.0	538.4	26.4	564.8	
Housing	10.7	41.9	11.9	170.3	*	172.8	
Electricity	6.1	22.1	5.1	93.7	*	96.	
Telephone	12.9	82.5	11.8	364.3	8.1	372.4	
Transport	14.0	68.7	6.3	359.5		366.1	
Medical	4.3	33.5	5.6			124.	
Union dues	5.5	19.5	3.4		*	91.	
Club fees	*	7.2	*		*	74.	
Entertainment allowance	3.7	19.5	*		3.0	205.4	
Shares	./	17.1	*				
		10.3				64.	
Study leave	102.7		3.3			59.3	
Superannuation	103.7	559.5	87.9			1,590.	
Children's education expenses	•		*	11.1	*	11.	
		FEMALES		8			
Total employees	38.7	190.7	337.0	1,320.6	684.0	2,004	
Holiday costs	*	*	3.3	38.5	4.2	42.	
Low-interest finance	*	*	*	29.3	*	31.	
Goods and services	4.8	42.5	39.6		109.3	349.	
Housing	*	*	5.4			32.	
Electricity	*	*	5.2			27.	
Telephone	*	*	5.1			71.	
Transport	*	*	3.4			70.	
Medical	*	*	*				
Study leave		*	*			48.	
	12.1	26.7				28.	
Superannuation	13.1	36.7	29.7	434.7	43.8	478.	
		PERSONS					
fotal employees	262.1	1,540.5	542.3	4,329.2	858.7	5,187.	
Holiday costs	28.1		9.6		7.2	181.	
Low-interest finance	*	15.2	*	130.5	*	133.	
Goods and services	44.5		67.6		135.7	913.	
Housing	12.3		17.3			205.	
Electricity	6.7		10.2			124.	
Telephone	14.2		16.9			444.	
Transport	14.9		9.7			436.	
Medical	5.3		8.4			172.	
Union dues	5.5		5.7			107.	
Club fees	*		*			84.	
Entertainment allowance	3.7		3.2				
	3.7		3.2			230	
Shares Study Jacob						83.	
Study leave		10.5	5.2			88.	
Superannuation	116.7		117.5	2,000.7	68.2	2,068.	
Children's education expenses		3.1	*	14.3	*	16.	

TABLE 4. ALL EMPLOYEES: TYPE OF BENEFIT RECEIVEDAND WEEKLY EARNINGS IN MAIN JOB, AUGUST 1983('000)

			We	ekly earning	gs in main jo	b (\$)			
	Under 160	160 and under 220	220 and under 240	240 and under 280	280 and under 320	320 and under 380	380 and under 420	420 and over	Total
	s		MAL	.ES					
Total employees	292.7	302.6	230.1	505.2	465.9	467.8	272.8	646.3	3,183.4
Holiday costs	4.5	9.6	6.9	14.9	18.4	21.5	14.4	49.0	139.3
Low-interest finance	*	4.9	5.4	10.7	12.3	17.9	13.0	36.2	102.1
Goods and services	50.2	53.5	41.4	88.9	85.4	87.8	49.6	107.9	564.8
Housing	17.1	20.5	12.2	15.9	15.2	17.4	16.4	58.0	172.8
Electricity	17.2	15.3	5.4	11.1	9.1	8.4	5.4	24.4	96.3
Telephone	22.2	21.4	14.7	26.6	37.9	53.1	43.3	153.3	372.4
Transport	19.9	19.8	15.3	33.9	46.1	59.3	44.5	127.9	366.7
Medical	7.9	6.2	4.1	14.5	14.1	19.6	15.3	43.2	124.8
Union dues	7.0	5.9	5.2	8.5	9.9	12.8	6.9	34.8	91.0
Club fees	3.9	4.3	*	4.3	5.3	8.9	7.3	37.7	74.3
Entertainment allowance	6.4	8.6	5.5	11.7	20.6	32.4	22.9	97.2	205.4
Shares	4.4	4.2	*	4.6	9.4	10.4	8.7	21.0	64.3
Study leave	6.2	3.1	*	8.4	5.4	9.4	7.6	17.9	59.8
Superannuation	27.4	83.4	80.3	216.3	247.3	278.0	176.5	481.1	1,590.4
Children's education expenses	*	*	*	*	*	*	*	3.4	1,390.4
			FEMA	LES				· · ·	
Total employees	654.5	375.3	189.3	297.7	176.2	137.1	67.1	107.2	2,004.5
Holiday costs	4.3	7.4	3.8	10.5	6.0	5.9		4.8	42 7
Low-interest finance	*	3.6	*	8.2	6.6	5.4		4.0	42.7
Goods and services	120.7	67.1	37.4	56.2	32.6	15.1		19.9	31.3
	120.7	4.2	\$7.4	\$ 30.2	\$2.0				349.1
Housing			*	*	*	3.0		4.5	32.8
Electricity	13.4	5.2							27.9
Telephone	31.5	11.0	3.1	6.5	4.7	5.6		9.3	71.6
Transport	24.5	11.4	5.5	8.0	6.0	5.8		8.8	70.0
Medical	8.8	6.1	4.2	10.6	7.6	5.8		4.9	48.0
Study leave	4.7	4.5	*	3.4	3.9	4.5		5.9	28.7
Superannuation	36.5	71.0	46.5	101.9	71.8	60.4		90.5	478.5
			PERSO	ONS					
Total employees	947.2	677.9	419.4	802.9	642.1	604.9	339.9	753.5	5,187.9
Holiday costs	8.8	17.0	10.6	25.4	24.4	27.4	15.5	52.8	181.9
Low-interest finance	4.4	8.5	7.6	18.9	18.9	23.3	14.0	37.9	133.5
Goods and services	170.9	120.6	78.8	145.2	118.0	102.9	56.7	120.7	913.9
Housing	31.6	24.7	14.2	18.5	17.2	20.4	18.2	60.7	205.6
Electricity	30.6	20.6	6.4	13.5	10.2	11.3	6.3	25.3	124.2
Telephone	53.6	32.3	17.8	33.1	42.5	58.7	45.5	160.4	444.0
Transport	44.4	31.2	20.8	41.9	52.1	65.1	47.6	133.7	436.7
Medical	16.6	12.3	8.3	25.1	21.7	25.4	16.7	46.7	172.8
Union dues	9.5	8.8	6.9	10.4	11.4	14.8	7.5	38.1	107.3
Club fees	6.9	6.3	3.1	5.5	5.9	9.5	7.6	39.2	84.1
Entertainment allowance	10.4	11.1	7.5	15.0	22.8	36.5	25.2	101.8	230.2
Shares	11.3	8.9	3.5	7.1	10.8	11.5	9.0	21.3	
	10.9								83.4
Study leave		7.6	3.5	11.8	9.3	13.9	9.5	21.9	88.5
Superannuation Children's education expenses	63.9 3.3	154.4	126.8	318.2	319.2	338.4	207.1	541.0 3.8	2,068.9 16.8

TABLE 5. ALL EMPLOYEES: TYPE OF BENEFIT RECEIVED AND HOURS WORKED IN MAIN JOB, AUGUST 1983 ('000)

			Hours worked	in main job			
	Less than 20	20-29	30-34	35-39	40	41 and over	Total
		МА	LES		3	$g \equiv Y \alpha =$	
Total employees	308.8	133.9	251.1	639.2	992.8	857.5	3,183.4
Holiday costs	13.7	7.5	11.8	23.8	39.7	42.7	139.3
Low-interest finance	5.7	7.0	12.9	22.9	23.2	30.5	102.1
Goods and services	49.8	19.1	41.5	89.9	161.1	203.4	564.8
Housing	11.3	8.1	8.4	21.1	46.1	77.9	172.8
Electricity	6.9	5.4	5.5	8.7	21.5	48.4	96.3
Telephone	26.7	10.7	18.4	46.7	88.1	181.7	372.4
Transport	22.4	6.6	14.8	38.6	100.9	183.4	366.7
Medical	7.6	5.7	11.6	22.8	32.4	44.6	124.8
Union dues	5.4	3.9	4.7	14.0	20.6	42.4	91.0
Club fees	3.9	*	3.6	6.7	17.4	40.2	
	8.7	4.6	7.6	19.4	54.5		74.3
Entertainment allowance	o./ *	4.0				110.7	205.4
Shares		4.0	3.5	9.0	13.1	34.7	64.3
Study leave	6.0		5.6	17.8	11.4	15.0	59.8
Superannuation	120.0	65.4	139.0	399.9	438.3	427.8	1,590.4
Children's education expenses	*	*	*	*	*	7.8	11.5
		FEM	ALES		12 ¹⁰ 1		
Total employees	520.0	230.7	179.0	361.0	508.4	205.3	2,004.5
Holiday costs	5.9	3.4	3.9	10.2	10.7	8.5	42.7
Low-interest finance	3.4	*	5.6	9.3	7.3	3.0	31.3
Goods and services	84.0	40.0	27.1	50.7	100.2	47.2	349.1
Housing	8.9	*	*	4.1	6.6	9.3	32.8
Electricity	8.0	*	*	*	6.4	7.5	27.9
Telephone	26.9	7.7	5.6	6.2	10.2	14.9	71.6
Transport	19.8	8.4	4.9	7.2	12.6	17.1	70.0
Medical	7.1	3.0	7.0	14.0	9.5	7.4	48.0
Study leave	4.4	*	3.3	8.9	4.8	5.9	28.7
Superannuation	49.7	35.9	54.5	154.6	116.3	67.4	478.5
		PER	SONS				
Total employees	828.8	364.6	430.1	1,000.2	1,501.3	1,062.8	5,187.9
Holiday costs	19.6	10.9	15.7	34.1	50.4	51.3	181.9
Low-interest finance	9.1	9.8	18.5	32.2	30.5	33.5	133.5
Goods and services	133.8	59.0	68.7	140.6	261.3	250.6	913.9
Housing	20.2	10.1	10.2	25.2	52.7	87.2	205.6
Electricity	14.9	7.4	6.8	11.3	27.8	55.9	124.2
Telephone	53.7	18.4	24.1	52.9	98.4	196.7	444.0
Transport	42.2	15.0	19.7	45.7	113.5	200.5	436.7
Medical	14.7	8.7	18.6	36.8	41.8	52.1	172.8
Union dues	7.6	5.4	6.9	17.2	23.8	46.3	107.3
Club fees	6.7	*	4.4	8.3	19.4	42.4	84.1
Entertainment allowance	12.3	6.6	8.8	22.2	60.9	119.4	230.2
Shares	7.9	3.6	5.3	11.9	16.3	38.3	83.4
	10.4	5.4	8.9	26.7	16.3	20.8	83.4
Study leave							
Superannuation	169.7	101.3	193.6	554.5	554.6	495.3	2,068.9
Children's education expenses		-	Ŧ	Ŧ	Ŧ	9.2	16.8

TABLE 6. ALL EMPLOYEES: TYPE OF BENEFIT RECEIVED AND AGE, AUGUST 1983 ('000)

			A	ge group (year	s)			
	15-19	20-24	25-34	35-44	45-54	55-59	60 and over	Tota
			MALES					
Total employees	276.4	457.4	899.2	717.4	507.5	216.0	109.3	3,183.4
Holiday costs	5.6	17.3	45.5	33.0	22.9	11.7	3.2	139.3
Low-interest finance	*	10.7	40.0	31.5	14.6	3.6	*	102.1
Goods and services	48.4	93.6	177.7	124.4	77.8	29.5	13.3	564.8
Housing	6.7	20.7	58.2	42.9	28.9	10.3	4.9	172.8
Electricity	7.3	11.1	29.4	22.1	16.7	5.4	4.2	96.3
Telephone	4.9	14.4	93.9	127.9	85.9	29.6	15.7	372.4
Transport	4.0	22.8	110.9	125.5	69.8	21.2	12.5	366.7
Medical	3.9	16.1	46.2	31.0	19.5	5.7	*	124.8
Union dues	*	8.7	29.9	27.1	15.3	6.1	*	91.0
Club fees	*	3.2	23.1	25.0	13.6	5.7	*	74.3
Entertainment allowance	*	4.1	64.3	79.6	39.0	11.8	5.8	205.4
Shares	*	*	15.2	21.4	15.5	6.0	3.0	64.3
	3.5	15.3	26.6	11.8	*	*	3.0	59.8
Study leave								
Superannuation Children's education expenses	26.2	136.1	466.4	439.2 4.7	334.9 4.2	137.0	50.7 *	1,590.4 11.5
			FEMALES					
Total employees	267.3	396.3	509.0	437.7	277.6	80.3	36.3	2,004.5
Holiday costs	4.1	15.1	12.6	5.6	3.4	*	*	42.7
Low-interest finance	*	10.3	12.8	4.0	*	*	*	31.3
Goods and services	66.9	82.1	79.4	62.1	43.5	11.1	4.1	349.1
Housing	3.7	6.8	7.5	7.6	4.7	*	*	32.8
Electricity	*	5.0	6.8	7.7	3.9	*	*	27.9
Telephone	*	4.5	19.4	23.8	14.7	3.6	3.4	71.6
Transport	*	4.7	22.0	23.9	12.6		4.5	70.0
Medical	4.6	16.5	13.2	8.7	3.3	*	*	48.0
Study leave	4.0	8.7	9.5	4.1	*	*	*	28.7
Superannuation	26.6	97.2	139.8	102.5	78.7	25.9	7.8	478.5
			PERSONS				2 2	
Total employees	543.7	853.8	1,408.2	1,155.1	785.3	296.2	145.6	5,187.9
Holiday costs	9.7	32.4	58.1	38.6	26.3	12.8	3.9	181.9
Low-interest finance	3.1	21.0	52.8	35.5	16.2	4.0	*	133.5
Goods and services	115.3	175.7	257.2	186.6	121.3	40.5	17.4	913.9
Housing	10.5	27.5	65.7	50.5	33.6	11.2	6.5	205.6
Electricity	10.0	16.1	36.2	29.8	20.6	5.9	5.5	124.2
Telephone	7.2	19.0	113.3	151.7	100.6	33.2	19.1	444.0
Transport	6.4	27.6	132.9	149.4	82.3	24.1	14.1	436.7
Medical	8.6	32.6	59.4	39.7	22.8	6.6	3.1	172.8
Union dues	*	12.0	36.2	30.5	17.3	6.2	3.3	107.3
Club fees	*	5.1	25.9	27.6	14.6	6.4	3.1	84.1
Entertainment allowance	*	5.6	74.5	88.2	42.4	12.4	6.1	230.2
Shares	*	4.5	19.6	27.5	19.7	7.4	4.5	83.4
	7.5	23.9	36.1	15.9	4.1	/.4	4.5	88.5
Study leave	52.8	23.9						
Superannuation	32.8	233.3	606.2	541.6 7.7	413.6	162.9	58.5	2,068.9
Children's education expenses	-	Ŧ	Ŧ	1.1	5.1 .	7		16.8

TABLE 7. ALL EMPLOYEES:NUMBER OF SEPARATE TYPES OF BENEFIT RECEIVED, AUGUST 1983('000)

NSW	Vic	Old	5.4	W A	Tas	NT	1.6.7	!:
N.S.W.	Vic.	Qiù	J. <i>A</i> .	W.A.	Tas.	N. I.	A.C.1.	Australia
			MALES					
347.2	282.6	180.2	91.8	101.2	26.6	6.2	13.7	1,049.4
428.4	327.0	171.9	99.3	85.2	32.5	9.7	29.9	1,183.9
164.0	129.6	68.1	43.6					474.9
81.4	59.0	38.3	18.3					232.7
39.9	30.4						*	118.6
					*	*	*	62.5
					10	*	*	61.4
755.4	576.5	311.4	179.8	181.1	61.1	25.7	42.8	2,133.9
1,102.6	859.1	491.6	271.6	282.3	87.7	32.0	56.5	3,183.4
			FEMALES					
384.2	316.4	161.6	109.0	109.7	29.2	8.3	17.2	1,135.5
225.8	174.2	89.8	47.1	48.0	16.8	7.9	20.9	630.5
57.9	40.1	22.9	11.7	10.4	3.6	2.6	4.1	153.4
17.4	12.9	9.9	2.6	5.5	1.2	*	*	50.6
13.4	7.2	5.1	2.1		*	*	*	34.5
314.5	234.4	127.7	63.6	68.7	21.9	11.9	26.5	869.1
698.6	550.7	289.3	172.5	178.4	51.1	20.1	43.7	2,004.5
			PERSONS	×6				
731.4	598.9	341.8	200.7	210.9	55.8	14.5	30.9	2,184.9
654.2	501.2	261.7	146.4	133.2	49.3	17.6	50.7	1,814.4
221.9	169.7							628.3
98.9				29.3				283.3
		17.9	10.2	18.4			*	137.7
22.3	16.9	11.1	4.7		*	*	*	70.0
25.0					1.1	*	*	69.3
1,069.9	811.0	439.2	243.4	249.8	83.0	37.6	69.3	3,003.0
1,801.3	1,409.8	780.9	444.1	460.7	138.7	52.1	100.2	5,187.9
	428.4 164.0 81.4 39.9 19.5 22.1 755.4 <i>1,102.6</i> 384.2 225.8 57.9 17.4 13.4 314.5 698.6 731.4 654.2 221.9 98.9 47.6 22.3 25.0 1,069.9	347.2 282.6 428.4 327.0 164.0 129.6 81.4 59.0 39.9 30.4 19.5 15.2 22.1 15.4 755.4 576.5 1,102.6 859.1 384.2 316.4 225.8 174.2 57.9 40.1 17.4 12.9 13.4 7.2 314.5 234.4 698.6 550.7 731.4 598.9 654.2 501.2 221.9 169.7 98.9 71.8 47.6 34.3 22.3 16.9 25.0 16.9 1,069.9 811.0	347.2 282.6 180.2 428.4 327.0 171.9 164.0 129.6 68.1 81.4 59.0 38.3 39.9 30.4 15.6 19.5 15.2 9.7 22.1 15.4 7.8 755.4 576.5 311.4 $1.102.6$ 859.1 491.6 384.2 316.4 384.2 316.4 161.6 225.8 174.2 89.8 57.9 40.1 22.9 17.4 12.9 9.9 13.4 7.2 5.1 314.5 234.4 127.7 698.6 550.7 289.3 731.4 598.9 731.4 598.9 341.8 654.2 501.2 261.7 22.9 11.8 48.2 47.6 34.3 17.9 22.3	MALES 347.2 282.6 180.2 91.8 428.4 327.0 171.9 99.3 164.0 129.6 68.1 43.6 81.4 59.0 38.3 18.3 39.9 30.4 15.6 9.1 19.5 15.2 9.7 4.3 22.1 15.4 7.8 5.3 755.4 576.5 311.4 179.8 1,102.6 859.1 491.6 271.6 FEMALES 384.2 316.4 161.6 109.0 225.8 174.2 89.8 47.1 57.9 40.1 22.9 11.7 17.4 12.9 9.9 2.6 13.4 7.2 5.1 2.1 314.5 234.4 127.7 63.6 698.6 550.7 289.3 172.5 PERSONS 731.4 598.9 341.8 200.7 654.2 501.2 261.7	MALES 347.2 282.6 180.2 91.8 101.2 428.4 327.0 171.9 99.3 85.2 164.0 129.6 68.1 43.6 39.3 81.4 59.0 38.3 18.3 23.8 39.9 30.4 15.6 9.1 15.3 19.5 15.2 9.7 4.3 10.0 22.1 15.4 7.8 5.3 7.4 755.4 576.5 311.4 179.8 181.1 1,102.6 859.1 491.6 271.6 282.3 FEMALES 384.2 316.4 161.6 109.0 109.7 225.8 174.2 89.8 47.1 48.0 57.9 40.1 22.9 11.7 10.4 17.4 12.9 9.9 2.6 5.5 13.4 7.2 5.1 2.1 4.8 314.5 234.4 127.7 63.6 6	MALES 347.2 282.6 180.2 91.8 101.2 26.6 428.4 327.0 171.9 99.3 85.2 32.5 164.0 129.6 68.1 43.6 39.3 16.1 81.4 59.0 38.3 18.3 23.8 6.7 39.9 30.4 15.6 9.1 15.3 4.0 19.5 15.2 9.7 4.3 10.0 * 22.1 15.4 7.8 5.3 7.4 1.0 755.4 576.5 311.4 179.8 181.1 61.1 1/102.6 859.1 491.6 271.6 282.3 87.7 FEMALES 384.2 316.4 161.6 109.0 109.7 29.2 225.8 174.2 89.8 47.1 48.0 16.8 57.9 40.1 22.9 1.7 10.4 3.6 17.4 12.9 9.9 2.6 5	MALES MALES 347.2 282.6 180.2 91.8 101.2 26.6 6.2 428.4 327.0 171.9 99.3 85.2 32.5 9.7 164.0 129.6 68.1 43.6 39.3 16.1 6.9 81.4 59.0 38.3 18.3 23.8 6.7 2.7 39.9 30.4 15.6 9.1 15.3 4.0 3.2 19.5 15.2 9.7 4.3 10.0 * * 22.1 15.4 7.8 5.3 7.4 1.0 * * 755.4 576.5 311.4 179.8 181.1 61.1 25.7 1,102.6 859.1 491.6 271.6 282.3 87.7 32.0 FEMALES 384.2 316.4 161.6 109.0 109.7 29.2 8.3 73.4 7.2 5.1 2.1 4.8 *	MALES MALES 347.2 282.6 180.2 91.8 101.2 26.6 6.2 13.7 428.4 327.0 171.9 99.3 85.2 32.5 9.7 29.9 164.0 129.6 68.1 43.6 39.3 16.1 6.9 7.2 81.4 590.0 38.3 18.3 23.8 6.7 2.7 2.5 39.9 30.4 15.6 91.1 15.3 4.0 3.2 $*$ 92.1 15.4 7.8 5.3 7.4 10.0 $*$ $*$ $*$ 755.4 576.5 311.4 179.8 181.1 61.1 25.7 42.8 $1,102.6$ 859.1 491.6 271.6 282.3 87.7 32.0 56.5 FEMALES 384.2 316.4 161.6 109.0 109.7 29.2

TABLE 8. ALL EMPLOYEES: NUMBER OF SEPARATE TYPES OFBENEFIT RECEIVED AND INDUSTRY, AUGUST 1983('000)

			Numb	er of separa	te types of be	enefit			
			· _		Four Five more 5.9 * 4.8 7.7 4.5 * 23.8 11.9 9.6 * * * 3.9 5.4 5.4 29.7 14.2 14.3 7.7 3.1 * * * * 25.6 14.7 17.0 * * * 7.3 4.2 4.0 * * * 7.3 4.2 4.0 * * * 7.3 4.2 4.0 * * * 7.8 * * 3.9 * * 6.5 * * 19.1 7.6 7.8 * * * 4.6 6.1 6.7 3.4 * * * * * 8.5 3.6				
Industry	None	One	Two	Three	Four	Five	Six or more	Total	Tota employees
			MALE						
Agriculture, forestry, fishing						<u> </u>			÷ *
and hunting	41.5	21.9	14.5	12.1	5.9	*	4.8	61.1	102.6
Mining	9.3	29.9	15.8	12.9		4.5	*	73.7	83.0
Manufacturing	312.8	284.3	121.4	46.4	23.8	11.9	9.6	497.5	810.3
Electricity, gas and water	23.9	65.2	24.4	8.3	*	*	*	100.5	124.5
Construction	120.4	57.7	16.8	10.7	3.9	5.4	5.4	99.8	220.2
Wholesale and retail trade	195.3	165.9	78.6	46.1	29.7	14.2	14.3	348.8	544.2
Transport and storage	73.9	84.9	59.5	27.0	7.7	3.1	*	183.7	257.6
Communication	9.1	70.0	15.3	6.4		*	*	93.2	102.3
Finance, property and business								,	
services	54.5	48.9	37.4	31.8	25.6	14.7	17.0	175.3	229.8
Public administration and									
defence	37.2	136.8	30.0	6.8	*	*	*	176.2	213.4
Community services	105.0	182.2	49.0	19.0	7.3	4.2	4.0	265.7	370.7
Recreation, personal and other	10010		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		110			200.7	570.7
services	66.4	36.4	12.2	5.2	*	*	*	58.4	124.8
Total	1,049.4	1,183.9	474.9	232.7	118.6	62.5	61.4	2,133.9	3,183.4
			FEMAL	ES					
Manufacturing	146.7	83.6	25.2	5.7				117.9	264.6
Wholesale and retail trade	207.0	158.7	39.0	11.1				217.0	424.1
Fransport and storage	18.3	10.8	8.3	3.2				23.9	42.2
Communication	12.7	19.0	*	*		*		21.7	34.4
Finance, property and business services	134.3	59.6	29.4	14.5		78		111.4	245.7
Public administration and	10110	0710	27.1	11.0		1.0		111.4	240.7
defence	33.6	60.4	7.4	*		*		68.3	101.9
Community services	428.1	177.5	28.6	6.9		3.9		216.8	644.9
Recreation, personal and other									
services	129.1	42.2	5.7	3.1		*		53.6	182.7
Other industries(a)	25.6	18.8	7.7	5.5		6.5		38.5	64.1
Total	1,135.5	630.5	153.4	50.6	19.1	7.6	7.8	869.1	2,004.5
			PERSON	NS					
Agriculture, forestry, fishing				ana an		2	2		
and hunting	51.4	26.9	17.0	14.9	7.4	*	5.7	74.6	125.9
Mining	11.2	32.1	16.8	13.5		4.7	*	78.1	89.4
Manufacturing	459.5	367.9	146.6	52.1			10.2	615.3	1,074.8
Electricity, gas and water	26.7	72.2	26.0	8.3			*	109.1	135.8
Construction	131.5	62.2	19.4	12.9	4.6	6.1	6.7	111.9	243.4
Wholesale and retail trade	402.4	324.6	117.6	57.2			16.9	565.8	968.2
ransport and storage	92.2	95.7	67.8	30.2				207.6	299.8
Communication	21.8	88.9	17.3	6.7			*	114.9	136.7
inance, property and business services	188.8	108.4	66.8	46.3	30.3	16.6	18.2	286.6	475.5
Public administration and	100.0	100.4	00.0	-10.5	50.5	10.0	10.2	200.0	475.5
defence	70.8	197.2	37.4	7.1	*	*	*	244.5	315.3
Community services	533.1	359.6	77.5	25.8	10.2	4.5	4.9	482.5	1,015.6
Recreation, personal and other	555.1	559.0	11.5	23.0	10.2	4.5	4.9	402.3	1,015.0
services	195.5	78.6	17.9	8.3	3.9	*	*	111.9	307.4

(a) Includes agriculture, forestry, fishing and hunting; mining; electricity, gas and water; and construction.

TABLE 9. ALL EMPLOYEES: NUMBER OF SEPARATE TYPES OF BENEFIT RECEIVED, OCCUPATION AND FULL-TIME OR PART-TIME STATUS, AUGUST 1983 ('000)

			Numb	er of separa	te types of be	mefit	5.		
		-		(One or more		×		
Occupation group and full-time or part-time status	None	One	Two	Three	Four	Five	Six or more	Total	Total employees
2			MALE	S					
Professional, technical, etc.	91.5	206.1	79.9	39.3	21.0	13.1	11.3	370.8	462.3
Administrative, executive and							-		
managerial	23.9	60.9	59.1	46.7	36.6	21.9	27.8	253.0	276.9
Clerical	52.6	148.0	55.8	27.8	14.8	4.8	3.4	254.6	307.1
Sales	58.3	58.9	28.5	22.1	13.4	6.4	4.8	134.2	192.5
Farmers, fishermen,	60.9	33.2	15.1	12.7	67	*	47	74.0	125.1
timbergetters, etc.	3.9	14.6	6.3	3.2	6.7	*	4.7	74.2	135.1
Miners, quarrymen, etc.						*	*	27.1	31.0
Fransport and communication	79.0	89.3	32.1	14.6	5.5	*	*	144.4	223.4
Frades and production-process	500 (402.0	1746		14.0				
workers and labourers, n.e.c.	590.6	493.8	174.5	56.5	16.3	11.0	7.2	759.2	1,349.8
Service, sport and recreation	88.7	79.2	23.6	9.7	•	•	*	116.6	205.3
Total	1,049.4	1,183.9	474.9	232.7	118.6	62.5	61.4	2,133.9	3,183.4
Full-time	932.7	1,144.1	463.8	229.9	116.4	61.4	60.4	2,076.0	3,008.7
Part-time	116.8	39.8	11.1	*	*	*	*	57.9	174.7
			FEMAL	ES					
Professional, technical, etc.	249.5	131.1	26.0	6.5		4.6		168.1	417.6
Administrative, executive and									
managerial	9.7	11.6	6.2	3.7		4.2		25.7	35.3
Clerical	360.2	253.7	79.6	27.2		17.4		377.9	738.1
Sales	109.0	91.0	17.0	5.3		3.7		117.0	226.1
Fransport and communication	20.3	13.7	3.5	*		*		18.4	38.7
Trades and production-process									
workers and labourers, n.e.c.	119.2	57.2	12.3	*		*		71.5	190.7
Service, sport and recreation	257.0	66.9	7.6	4.0		*		80.0	337.0
Total(a)	1,135.5	630.5	153.4	50.6	19.1	7.6	7.8	869.1	2,004.5
Full-time	637.8	486.0	132.4	40.0	14.3	5.5	4.6	682.8	1,320.6
Part-time	497.7	144.5	21.0	10.7	4.8	*	3.2	186.3	684.0
			PERSO	NS					5
Professional, technical, etc. Administrative, executive and	341.0	337.2	105.9	45.8	23.9	13.9	12.2	538.9	879.9
managerial	33.6	72.5	65.3	50.4	38.4	22.9	29.1	278.7	312.3
Clerical	412.8	401.7	135.4	54.9	25.0	8.9	6.5	632.4	1,045.2
Sales	167.4	149.8	45.5	27.5	15.6	6.8	6.0	251.2	418.6
Farmers, fishermen,									
timbergetters, etc.	71.4	38.6	16.3	14.1	7.9	*	5.5	84.6	156.1
Miners, quarrymen, etc.	4.0	14.6	6.3	3.2	*	*	*	27.1	31.0
Fransport and communication Frades and production-process	99.3	103.0	35.5	15.8	5.5	*	*	162.8	262.1
workers and labourers, n.e.c.	709.9	551.1	186.8	57.9	16.5	11.0	7.5	830.7	1,540.5
Service, sport and recreation	345.6	146.1	31.2	13.7	*	*	*	196.6	542.3
Fotal	2,184.9	1,814.4	628.3	283.3	137.7	70.0	69.3	3,003.0	5,187.9
Full-time	1,570.5	1,630.1	596.2	269.9	130.7	66.9	65.0	2,758.8	4,329.2
Part-time	614.5	184.3	32.1	13.4	7.0	3.1	4.3	244.2	

(a) Includes farmers, etc. and miners, quarrymen, etc.

TABLE 10. ALL EMPLOYEES: NUMBER OF SEPARATE TYPES OF BENEFIT RECEIVED AND WEEKLY EARNINGS IN MAIN JOB, AUGUST 1983 ('000)

			Numb	per of separa	te types of be	enefit	2		
				(One or more	9 Q	· .		
60 and under 220 152.4 93.5 26.6 17.5 7.1 * 3.4 40 280 205.2 195.7 66.9 21.3 8.5 3.4 4.2 80 320 143.4 202.8 68.6 28.0 11.0 6.5 5.5 20 380 117.8 193.7 83.5 40.1 19.1 6.6 6.9 80 ,, 420 54.5 107.4 55.1 28.8 14.9 8.0 4.1 20 and over 79.8 246.6 134.3 77.7 47.8 29.5 30.6 FEMALES Jnder 160 460.9 149.2 23.5 10.3 10.6 60 and under 220 228.9 111.9 21.7 8.0 4.8 20 , 240 107.1 60.8 32.5 9.0 4.2 20 , 280 143.4 108.6 32.5 9.0 4.2 80 , 320 75.9 66.0 24.1 7.6 *									

	Hours worked in main job										
Number of separate types	Less										
of benefit	than 20	20-29	30-34	35-39	40	41 and over	Total				
			MALES								
None	140.1	48.7	83.2	169.2	396.2	212.0	1,049.4				
One or more—											
One	101.3	48.6	101.7	307.5	345.8	279.0	1,184.0				
Two	37.9	20.9	37.0	97.7	130.2	151.1	474.9				
Three	15.5	7.7	13.8	39.6	62.7	93.3	232.7				
Four	7.6	4.1	8.3	13.7	33.3	51.5	118.6				
Five	*	*	5.1	6.6	13.1	33.6	62.5				
Six or more	3.8	*	*	4.9	11.5	37.1	61.4				
Total	168.6	85.2	167.9	470.0	596.7	645.5	2,133.9				
Total	308.8	133.9	251.1	639.2	992.8	857.5	3,183.4				
			FEMALES		2						
None	363.3	148.4	96.0	159.0	289.6	79.1	1,135.5				
One or more—											
One	116.4	63.1	58.1	148.7	161.9	82.4	630.5				
Two	21.9	12.2	16.6	38.8	41.5	22.6	153.4				
Three	10.0	4.3	5.0	9.6	10.3	11.4	50.6				
Four or more	8.4	*	3.4	4.9	5.1	9.9	34.5				
Total	156.8	82.3	83.0	202.0	218.8	126.2	869.0				
Total	520.0	230.7	179.0	361.0	508.4	205.3	2,004.5				
			PERSONS								
None	503.4	197.1	179.2	328.3	685.8	291.1	2,184.9				
One or more-											
One	217.7	111.7	159.8	456.2	507.7	361.3	1,814.4				
Two	59.8	33.1	53.6	136.5	171.7	173.7	628.3				
Three	25.6	12.0	18.7	49.2	73.1	104.7	283.3				
Four	11.3	5.9	10.4	16.2	36.6	57.3	137.7				
Five	4.5	*	5.7	7.9	14.0	35.6	70.0				
Six or more	6.6	*	*	6.0	12.4	39.1	69.3				
Total	325.4	167.5	250.9	672.0	815.5	771.7	3,003.0				
Total	828.8	364.6	430.1	1,000.2	1,501.3	1,062.8	5,187.9				

TABLE 11. ALL EMPLOYEES: NUMBER OF SEPARATE TYPES OF BENEFIT RECEIVED AND HOURS WORKED IN MAIN JOB, AUGUST 1983 ('000)

TABLE 12. ALL EMPLOYEES: NUMBER OF SEPARATE TYPES OF BENEFIT RECEIVED AND AGE,
AUGUST 1983
(* 000)
()

N. I. C.				Age group (years	5)	u a		Total
Number of separate types of benefit	15-19	20-24	25-34	35-44	45-54	55-59	60 and over	
			M	ALES				
None	192.5	216.4	261.3	170.3	112.3	54.8	41.9	1,049.4
One or more—								
One	63.3	156.4	336.4	275.3	216.9	96.1	39.5	1,183.9
Two	14.1	52.9	153.0	115.9	88.1	35.8	15.2	474.9
Three	4.4	20.1	74.4	70.9	41.8	15.3	5.7	232.7
Four	*	6.8	37.1	39.2	23.8	6.7	3.8	118.6
Five	*	*	19.5	23.1	12.3	3.2	*	62.5
Six or more	*	*	17.6	22.7	12.5	4.2	*	61.4
Total	83.9	241.0	637.9	547.1	395.4	161.2	67.4	2,133.9
Total	276.4	457.4	899.2	717.4	507.7	216.0	109.3	3,183.4
			FEM	IALES				
None	168.0	213.9	271.4	261.0	154.0	45.2	22.0	1,135.5
One or more—								
One	83.2	130.7	170.1	122.4	90.4	24.8	9.0	630.5
Two	12.6	33.7	42.5	33.1	21.3	7.2	*	153.4
Three	*	12.8	15.2	10.3	6.4	*	*	50.6
Four or more	*	5.2	9.7	11.0	5.5	*	*	34.5
Total	99.4	182.5	237.5	176.7	123.6	35.1	14.3	869.1
Total	267.3	396.3	509.0	437.7	277.6	80.3	36.3	2,004.5
			PER	SONS	8			
None	360.4	430.3	532.7	431.3	266.3	100.0	63.9	2,184.9
One or more—								
One	146.5	287.1	506.4	397.7	307.4	120.9	48.5	1,814.4
Two	26.7	86.7	195.5	149.0	109.4	43.0	18.1	628.3
Three	6.8	32.9	89.6	81.2	48.2	17.4	7.2	283.3
Four	*	10.8	42.2	45.0	26.2	7.0	4.3	137.7
Five	*	3.5	22.1	25.1	13.5	3.6	*	70.0
Six or more	*	*	19.6	25.9	14.3	4.4	*	69.3
Total	183.3	423.4	875.4	723.9	519.0	196.3	81.7	3,003.0
Total	543.7	853.8	1,408.2	1,155.1	785.3	296.2	145.6	5,187.9

TABLE 13. EMPLOYEES WHO RECEIVED A LOW-INTEREST FINANCE BENEFIT: PURPOSE AND SOURCE OF BENEFIT AND AGE, AUGUST 1983 ('000)

	F	urpose of benefit(a)		Source of benefit				
Age group (years)	To purchase or improve house or land	To purchase a motor vehicle	Other	Current employer	Other source(s)	Total		
		Ν	ALES					
15-24 25-34 35-44 45-54 55 and over <i>Total</i>	4.1 30.6 24.0 12.0 3.4 74.1	5.6 8.7 7.8 * * 26.4	* 3.5 * * 9.7	9.7 35.1 26.7 12.9 3.6 88.0	* 4.9 4.8 * * 14.2	11.7 40.0 31.5 14.6 4.3 <i>102.1</i>		
10101	/ 7.1			00.0	17.2	102.1		
		FE	MALES			121		
15-24 25-34 35 and over	4.1 8.9 4.3	5.7 3.0 *	* *	11.4 11.6 4.5	*	12.5 12.8 6.1		
Total	17.3	9.5	5.3	27.5	3.9	31.3		
		PE	RSONS					
15-19 20-24 25-34 35-44 45-54 55 and over	* 8.2 39.6 27.0 12.8 3.8	* 9.1 11.7 8.1 3.0 *	* 4.2 4.6 4.1 *	* 46.6 29.7 14.0 4.0	* 6.2 5.7 *	3.1 21.0 52.8 35.5 16.2 4.9		
Total	91.4	35.9	15.1	115.5	18.0	133.5		

(a) Employees who used the benefit(s) for more than one purpose are counted more than once. Hence totals obtained from this section of the table will exceed those shown under 'source of benefit'.

TABLE 14. EMPLOYEES WHO RECEIVED A SUPERANNUATION BENEFIT: AGE AND OCCUPATION, AUGUST 1983 ('000)

	_		Ag	ge group (yea	ers)			Total
Occupation group	15-19	20-24	25-34	35-44	45-54	55-59	60 and over	
		M	ALES					
Professional, technical, etc.	*	16.7	109.1	98.2	58.3	23.2	6.5	312.8
Administrative, executive and managerial	*	*	39.3	72.0	46.5	19.2	7.9	187.4
Clerical	5.9	36.4	84.1	45.1	30.8	15.4	5.2	222.9
Sales	*	4.3	18.5	22.5	13.9	4.6	*	66.6
Farming, fishing, timbergetting, etc.		3.5	4.9	6.2	6.2	4.0	4.5	25.3
Mining and quarrying	*	*	7.9	7.0	5.1	*		23.3
Transport and communication	*	7.2	29.1	29.5	23.0	11.8	*	
Trades and production-process workers		1.2	29.1	29.5	23.0	11.0		103.7
and labourers, n.e.c.	16.7	55.3	147.6	134.9	132.0	50.9	22.2	550 5
	*	8.8	26.1				22.2	559.5
Service, sport and recreation	+	8.8	26.1	23.7	19.1	7.7	*	87.9
Total	26.2	136.1	466.4	439.2	334.9	137.0	50.7	1,590.4
		FEN	ALES					
Professional, technical, etc.	*	19.3	46.7	30.9	20.8	5.7	*	125.5
Administrative, executive and managerial	*	*	3.3	4.5	3.5	*	*	13.8
Clerical	21.7	66.3	69.8	40.9	29.0	8.4	3.0	239.0
Sales	*	3.8	*	5.2	3.7	*	*	20.1
Transport and communication	*	*	4.6	3.5	*	*	2/4	13.1
Trades and production-process workers				5.0				15.1
and labourers, n.e.c.	*	3.1	7.0	10.3	10.5	3.7	*	36.7
Service, sport and recreation		3.5	5.4	7.0	9.3	3.9	2(4	29.7
	26.6	97.2	139.8	102.5	78.7		7.0	
Total(a)	20.0			102.5	/0./	25.9	7.8	478.5
		PEI	RSONS					
Professional, technical, etc.	*	35.9	155.9	129.1	79.2	28.9	7.3	438.3
Administrative, executive and managerial	*	*	42.7	76.4	50.0	20.7	8.5	201.2
Clerical	27.5	102.7	153.9	86.0	59.8	23.8	8.2	461.9
Sales	*	8.0	21.3	27.7	17.5	6.8	*	86.7
Farming, fishing, timbergetting, etc.		3.7	5.0	6.5	6.5		_4.5	26.1
Mining and quarrying	aje.	*	7.9	7.0	5.1	*	*	24.4
Transport and communication	*	9.0	33.8	33.0	24.5	12.3	3.3	116.7
Trades and production-process workers	17.6	50 4	154 (145.0	142 (00.0	60 f 6
and labourers, n.e.c.	17.6	58.4	154.6	145.2	142.6	54.6	23.3	596.2
Service, sport and recreation	*	11.3	31.3	30.7	28.4	11.5	3.1	117.5
Total	52.8	233.3	606.2	541.6	413.6	162.9	58.5	2,068.9

(a) Includes farming, fishing, timbergetting, etc. and mining and quarrying occupations.

2341.0

TABLE 15. ALL EMPLOYEES: SELECTED BENEFITS RECEIVED AND OCCUPATION, AUGUST 1983 ('000)

				Осо	upation gro	ир				
Type and source of benefit	Profess- ional, technical, etc.	Admin- istrative, executive and managerial	Clerical	Sales	Farmers, fishermen, timber- getters, etc.	Miners, quarry- men and related workers	Transport and communi- cation	Tradesmen, production- process workers and labourers, n.e.c.	Service, sport and recreation	Tota
Total employees	879.9	312.3	1,045.2	418.6	156.1	31.0	262.1	1,540.5	542.3	5,187.9
Holiday costs										
From current employer	14.2	14.3	38.0	7.3	*	*	27.6	47.5	8.8	161.8
From other source(s)	*	*	9.8	*	*	*	*	*	*	20.1
Total	17.6	17.3	47.7	8.9	*	*	28.1	48.4	9.6	181.9
Goods and services										
	64.4	75.5	149.4	155.9	35.4	3.8	42.9	259.6	(25	050 4
From current employer					33.4 *	3.8 *	42.9		63.5	850.4
From other source(s)	16.4	5.3	15.7	4.4				15.5	4.1	63.5
Total	80.8	80.8	165.0	160.3	36.0	3.8	44.5	275.2	67.6	913.9
Housing(a)										
Employee entitlement	29.2	11.7	9.2	*	33.8	5.4	9.2	24.9	11.7	137.4
Employer subsidy	6.3	3.3	3.9	*	*	*	*	8.1	*	27.7
Housing allowance	*	4.1	*	*	*	*	*	*	. *	13.5
Rates	*	4.6	4.7	*	3.4	*	*	7.8	*	26.9
Total	40.8	23.6	18.6	4.7	40.0	5.7	12.3	42.6	17.3	205.6
Telephone(a)										
Rent paid by employer	72.3	115.0	51.0	36.1	23.9	*	13.3	79.6	14.8	408.4
Calls subsidised by										
employer	6.6	7.7	4.7	7.5	*	*	*	4.3	*	35.6
Total	78.9	122.7	55.7	43.6	25.6	*	14.2	84.0	16.9	444.0
Transport										
Vehicle only provided										
by employer	31.7	90.7	23.2	46.4	4.1	*	5.4	32.4	4.3	239.1
Expenses only paid for by employer	22.0	18.3	19.1	11.7	5.3	*	8.7	25.9	3.9	115.5
Vehicle and expenses provided	9.6	28.7	9.5	14.1	6.1	*	*	11.8	*	82.2
Total	63.3	137.8	51.8	72.3	15.5	*	14.9	70.0	9.7	436.7
Study leave Paid time off allowed by the employer— all time off not required to be										
made up by the employee	26.1	4.3	23.7	*	*	*	*	8.0	3.0	69.9
all time off required to be made up										
by the employee Unpaid time off allowed	*	*	*	*	*	*	*	*	*	8.4
by the employer	*	*	3.0	*	*	*	*	*	*	10.2
Total	31.8	6.1	28.8	3.0	*	*	*	10.5	5.2	88.5

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(a) Benefits in these groups are in a hierarchical order such that employees included under one benefit were not asked whether or not they also received the other benefit(s).

Estimation procedure

The estimates are derived from the population survey by use of a ratio estimation procedure which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution within the sample itself.

Reliability of the estimates

Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they are subject to sampling variability, that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. 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 dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of the likely difference is the relative standard error, which is obtained by expressing the standard error as a percentage of the estimate.

3. Space does not allow for the separate indication of the standard errors of all estimates in this publication. A table of standard errors for general application is given on the following page. Since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics these figures will not give a precise measure of the standard error of a particular estimate but they will provide an indication of its magnitude.

4. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. Table 6 on page 14 shows the estimated number of males aged 25-34 years who received a telephone benefit is 93,900. Since this estimate is between 50,000 and 100,000, the standard error for Australia will be between 2,900 and 3,900 in the standard error table and can be approximated as 3,800 (rounded to the nearest 100). Therefore, there are about two chances in three that the value that would have been produced if all dwellings had been included in the survey will fall in the range 90,100 to 97,700 and about nineteen chances in twenty that the value will fall within the range 86,300 to 101,500. This example is illustrated in the following diagram.

(* 000) 101.5 97.7 93.9 Estimated value 90.1 86.3 0 19 chances in 20 that the value lies in this range if all dwellings included. 2 chances in 3 that the value lies in this range if all dwellings included. 5. As can be seen from the standard error table, the smaller the estimate the higher is the relative standard error. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, estimates less than the lowest levels shown in the standard error table have not been published. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

6. Proportions and percentages formed from the ratio of two estimates are also subject to sampling errors. The size of the error depends on the accuracy of both the numerator and the denominator. The formula for the relative standard error (RSE) of a proportion is given below:

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

7. Considering the example from paragraph 4 above, the 93,900 males represent 10.4 per cent of the 899,200 male employees aged 25-34 years in August 1983. The standard error of 899,200 is approximately 8,700 so the relative standard error is 1.0 per cent. The relative standard error for 93,900 is 4.0 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(4.0)^2 - (1.0)^2}$ or 3.9 per cent, giving a standard error for the proportion (10.4 per cent) of 0.4 percentage points. Therefore, there are about two chances in three that the proportion of male employees aged 25-34 years who had received a telephone benefit in August 1983 is between 10.0 per cent and 10.8 per cent and nineteen chances in twenty the proportion is within the range 9.6 per cent to 11.2 per cent.

8. Published figures may also be used to estimate the difference between two survey estimates (of numbers or percentages). Such a figure is itself an estimate and is therefore subject to sampling error. The sampling error of the difference between two estimates depends on their standard errors and the relationship (correlation) between them. An approximate standard error (SE) of the difference between two estimates (x-y) may be calculated by the following formula:

SE $(x-y)=\sqrt{[SE(x)]^2 + [SE(y)]^2}$

While this formula will only be exact for differences between separate and uncorrelated characteristics of subpopulations it is expected to provide a good approximation for all differences likely to be of interest in this publication.

9. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or only a sample.

Size of estimate	N.S.W.	Vic.	Qld	<i>S.A</i> .	W.A.	Tas.	N. T.	A.C.T.	Aı	ustralia
	1.5.77	, ne.	Qiu	-numbe		Tus.	<i>N</i> .1.	A.C.1.		Relative standard error (per cent)
1,000						250				
1,500						300		390		
2,000				460	490	340	470	440		
2,500			630	510	540	380	510	480		
3,000			690	550	590	410	550	510	800	26.7
3,500	920	910	740	590	630	430	590	540	860	24.6
4,000	980	960	780	620	660	460	620	560	920	23.0
4,500	1,000	1,000	820	650	700	480	650	590	970	21.6
5,000	1,100	1,100	860	680	730	500	680	610	1,000	20.0
6,000	1,200	1,200	930	730	790	530	740	650	1,100	18.0
10,000	1,500	1,400	1,200	900	970	640	910	750	1,400	14.0
20,000	2,000	1,900	1,500	1,200	1,300	810	1,200	910	2,000	10.0
50,000	3,000	2,700	2,200	1,600	1,700	1,100	1,700	1,100	2,900	5.8
100,000	3,900	3,500	2,800	2,100	2,200	1,300		1,300	3,900	3.9
200,000	5,000	4,400	3,600	2,600	2,700	1,500			5,100	2.6
300,000	5,800	5,000	4,100	2,900	3,000				6,000	2.0
500,000	6,900	5,800	4,800	3,300	3,500				7,200	1.4
000,000	8,500	7,000	5,900						9,100	0.9
2,000,000	10,000	8,400							11,000	0.6
5,000,000									15,000	0.3

STANDARD ERRORS OF ESTIMATES

Printed by C. J. THOMPSON, Commonwealth Government Printer, Canberra

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