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**WEEKLY EARNINGS OF EMPLOYEES  
(DISTRIBUTION)  
AUSTRALIA**

**AUGUST 1984**

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## CONTENTS

<i>Table</i>	<i>Page</i>
.. Explanatory notes	1
.. Summary of findings	3
1 Full-time employees: deciles of weekly earnings in main job	5
2 All employees: Full-time or part-time status, mean weekly earnings in all jobs and States and Territories, August 1979 to August 1984	6
<b>All employees: weekly earnings in all jobs—</b>	
3 States and Territories and full-time or part-time status	7
4 Age	9
5 Marital status and full-time or part-time status	10
6 Family status	11
<b>All employees: weekly earnings in main job—</b>	
7 Hours paid for	13
<b>Employees who worked in a second job—</b>	
8 Weekly earnings in main job and weekly earnings in second job	14
9 Hours worked in second job, hours worked in main job and number, median and mean weekly earnings in all jobs	14
10 Weekly earnings in second job and hours worked in second job	14
<b>Full-time employees: weekly earnings in all jobs—</b>	
11 Age	15
12 Occupation, number, mean weekly earnings in all jobs and birthplace	16
<b>Full-time employees: weekly earnings in main job—</b>	
13 Industry	17
14 Occupation	19
<b>Full-time employees born overseas—</b>	
15 Birthplace, period of arrival in Australia and number, median and mean weekly earnings in all jobs	20
<b>All employees: frequency of pay—</b>	
16 Occupation	21
17 Industry	22
18 States and Territories	23
.. Technical note	24

## EXPLANATORY NOTES

### Introduction

In association with the August 1984 labour force survey conducted throughout Australia, employed wage and salary earners ('employees') were asked about their weekly earnings and frequency of pay.

2. During the two weeks beginning Monday 6 August 1984, specially trained interviewers asked the questions of those of the 72,000 respondents in the August labour force survey who fell within the scope of this survey.

3. A preliminary publication (6309.0) containing a summary of results was issued on 22 November 1984.

4. Results of similar surveys, first conducted in 1975, have been published in *Weekly Earnings of Employees (Distribution), Australia* (6310.0). Tables included in previous issues of this publication but not included in this issue, particularly those including a detailed occupation classification, are available on request.

### Scope

5. This supplementary survey to the labour force 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) members of non-Australian defence forces (and their dependants) stationed in Australia;
- (d) students boarding at school, persons permanently unable to work, some patients in hospitals and sanatoria, inmates of jails, reformatories, etc.; and
- (e) persons on workers' compensation.

### Definitions

6. *Weekly earnings* 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.

7. *Median weekly earnings* is the amount which divides the distribution of individuals into two equal groups, one having earnings above and the other below that amount. Medians were calculated from grouped data, the class intervals in some cases being finer than those published in the tables. Linear interpolation was used within the class interval in which the median fell.

8. *Mean weekly earnings* is the amount obtained by dividing the total earnings of a group by the number of units in that group.

9. The *main job* was defined as the job at which most hours were usually worked. The *second job* was defined to include all remaining wage and salary earner jobs in which some hours were worked during the survey week (i.e. the week before the interview week). A person who held more than one job was classified to the industry and occupation of the main job. Service in the reserve defence forces was not regarded as a second job. Persons who by the nature of their employment worked for more than one employer, e.g. domestics, odd-job men, baby-sitters, etc., were not counted as having a second job unless they also held another job of a different kind, nor were those who worked for more than one employer solely by reason of changing jobs during the survey week. *All jobs* comprised main job and second job as defined above.

10. *Hours paid for* referred to the number of hours for which an employee was paid and not necessarily to the number of hours actually worked (e.g. an employee on paid leave for the week was asked to report the number of hours for which he was paid).

11. *Hours worked* referred to actual hours worked during the survey week, not necessarily hours paid for. Thus, if a person had been on leave for the whole week, hours worked would have been recorded as nil.

12. *Full-time employees* are those who *usually* worked 35 hours a week or more (in all jobs) and others who, although usually part-time employees, worked 35 hours or more during the survey week. It should be noted that some full-time employees may have worked or been paid for less than a full week. *Part-time employees* are those who usually worked less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour were disregarded.

13. Persons are classified as *married* if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The *not-married* category includes persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household. For effects on estimates of marital status, see paragraph 18.

14. *Family status* characteristics are explained in detail in *The Labour Force, Australia* (6203.0). It should be noted that they were not obtained for all persons included in the survey. Family information was not collected for the following persons (identified in tables as 'not family coded'):

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions);
- (b) persons enumerated as visitors to, rather than usual residents of, private dwellings; and

- (c) where it was not possible to obtain family information relating to *all* the usual residents of a household, e.g. where one member of the family was a member of the permanent defence forces and therefore outside the scope of the survey.

15. Further definitions of labour force and demographic classifications appearing in this publication are given in *The Labour Force, Australia* (6203.0).

#### Population benchmarks

16. Following the change in official population estimates to a place of usual residence basis after the 1981 Census, the population benchmarks used in this survey are compiled according to place of usual residence. For an explanation of the new conceptual basis of population estimates see *The Labour Force, Australia* (6203.0).

17. The change from 1976 Population Census based benchmarks to 1981 Population Census based benchmarks has had little effect on the movement in the estimates between the August 1983 and August 1984 surveys.

#### Discontinuities in the series

18. Paragraph 13 outlines the definition of marital status now used in this survey. Consequently estimates of marital status contained in this publication are not comparable with estimates published for this survey in previous years, which classified as married all respondents who reported that they were married or separated.

#### Comparability of series

19. The survey was conducted primarily to obtain statistics on the distribution of earnings of employees classified by characteristics such as marital status, sex, age and whether the earnings came from the main job or any second job. Caution should be exercised when comparing the means of distributions of earnings in this publication with estimates of average weekly earnings included in the quarterly publication *Average Weekly Earnings, States and Australia* (6302.0) which are compiled from a survey of employers. There are important differences in the scope of and methodology used in the two surveys. The quarterly survey of average weekly earnings excludes employees in the industries of Agriculture, Forestry, Fishing and Hunting (ASIC Division A) and Private Households Employing Staff (ASIC Sub-division 94) both of which are included in the August household survey. Data from the quarterly survey of average weekly earnings are collected from employers who fill in a mailed questionnaire giving details of their employees' weekly earnings. For the August household survey, respondents are either interviewed personally at their dwelling or another adult member of their household responds on their behalf.

#### Reliability of the estimates

20. 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 tables of estimated standard errors for this survey 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. In many cases the answer to the question on earnings was based on the knowledge of one person (generally the housewife). Respondents were asked to indicate the amount of earnings in terms of ranges. (The earnings ranges used are those shown in Table 33.) It is considered that there may be some understatement in the estimates because of imperfect recall of minor or irregular sources of earnings. Other errors may be due to genuine misunderstanding.

#### Related publications

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

*Average Weekly Earnings, Australia, (Preliminary)* (6301.0), and final publication (6302.0)—*issued quarterly*

*Earnings and Hours of Employees, Distribution and Composition, Australia (Preliminary)*(6305.0), and final publication (6306.0)—*sample survey conducted in May (once every two years).*

*Income Distribution, Australia, 1978-79:*

*Individuals (Preliminary)* (6501.0), and final (6502.0)

*Supplementary Tables* (6504.0)

*Income of Individuals, Australia, 1981-82 (Preliminary)* (6501.0), and final (6502.0)

*Award Rates of Pay Indexes, Australia* (6312.0)—*issued monthly*

*The Labour Force, Australia* (6203.0)(\$1.10, \$1.90 incl. postage)—*issued monthly.*

22. 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 following 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 20 above
- ... not applicable
- n.e.c. not elsewhere classified

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

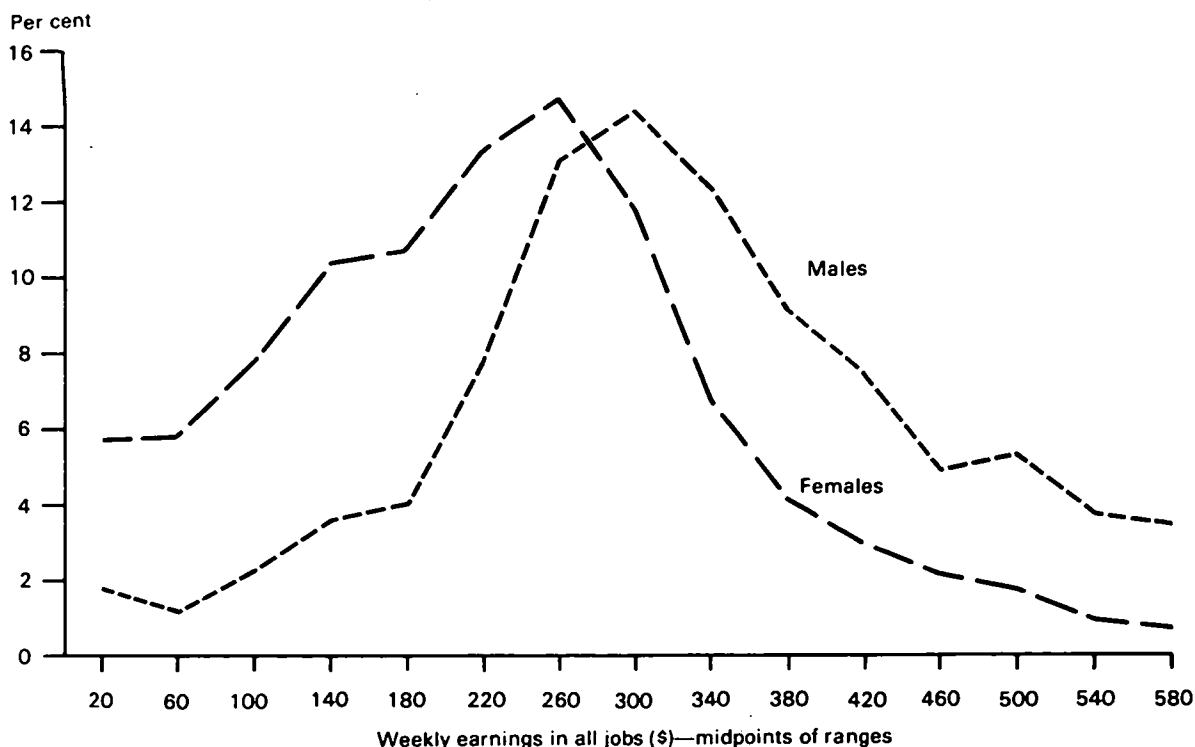
### SUMMARY OF FINDINGS

**NOTE.** Estimates from the Survey of Weekly Earnings shown in this publication enable valuable comparisons and analyses to be made of the distribution of earnings, especially in relation to demographic characteristics such as age, sex, marital status and family status and other characteristics such as hours paid for, full-time/part-time status and occupation. As mentioned in paragraph 19 of the Explanatory notes (page 2), care should be exercised when comparing the means derived from distributions of earnings in this publication with estimates of average weekly earnings included in *Average Weekly Earnings, States and Australia* (6302.0). There are many factors which account for differences between the two series, including the lack of consultation of records by respondents to the household survey, misunderstanding of the type of earnings required (i.e. gross rather than net earnings), earnings being reported in ranges, lack of recognition of irregular sources of earnings and lack of awareness of earnings of other household members not answering for themselves.

The mean weekly earnings in all jobs for the 3,240,400 male employees was \$356 compared with \$234 for the 2,117,800 female employees. There was little difference between earnings in main jobs only and all jobs — males earned \$355 per week in their main job and females \$233 per week.

The distribution of weekly earnings in all jobs varied between males and females — 29.6 per cent of females earned under \$160 per week, compared with only 8.7 per cent of males, and 46.4 per cent of female employees earned \$240 and over from all jobs compared with 79.6 per cent of male employees.

**DIAGRAM 1. ALL EMPLOYEES : DISTRIBUTION OF WEEKLY EARNINGS IN ALL JOBS, AUGUST 1984**  
(Source of data: Table 4)

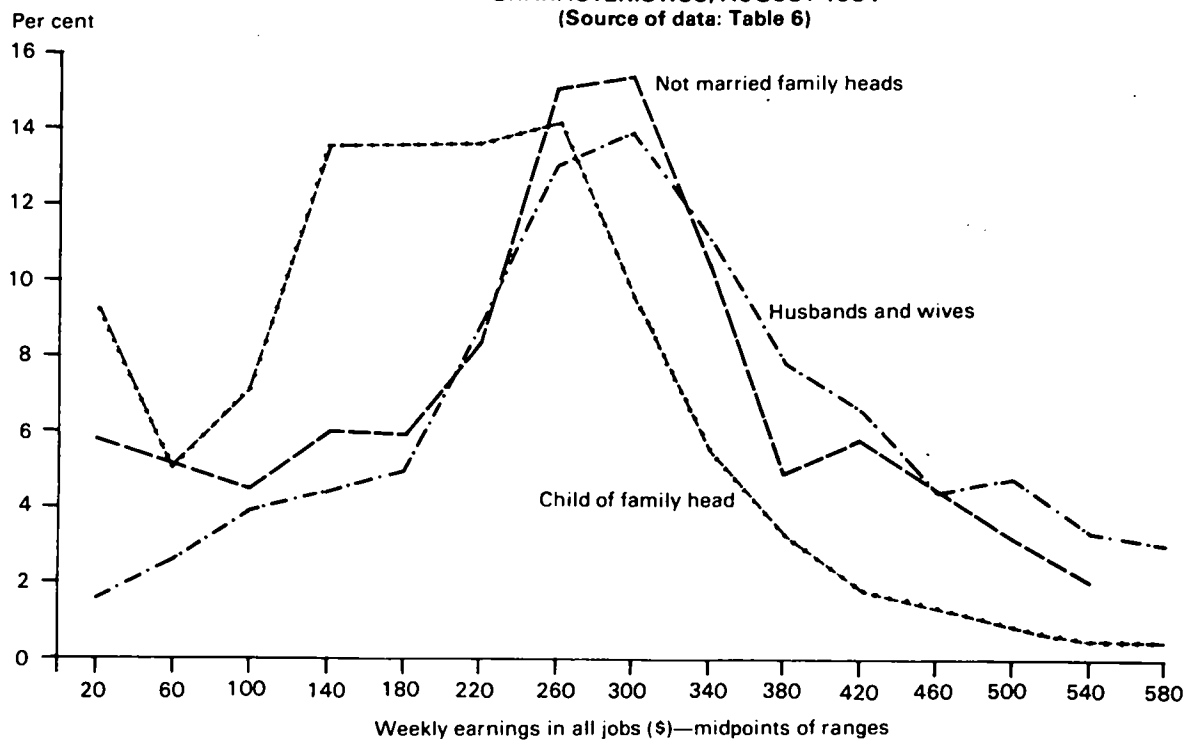


The distribution of weekly earnings in all jobs differs across the various family status groupings. Of the 3,178,000 husbands and wives: 12.6 per cent earned under \$160, 79.1 per cent earned \$160 and under \$560 and 8.3 per cent earned \$560 and over. In comparison, for the 171,900 not married heads of families, the respective percentages for the same weekly earning groupings were 21.3, 75.7 and 3.0.

Analysis of the mean for all employees by sex and family status showed further differences. Husbands with children aged 0 to 14 years present received on average \$400 per week from all jobs while wives with children aged 0 to 14 years present earned only \$213. For the category "husbands and wives" the mean weekly earnings in all jobs was \$336 compared with a mean of \$281 for all not married family heads.

**DIAGRAM 2. ALL EMPLOYEES : DISTRIBUTION OF WEEKLY EARNINGS IN ALL JOBS AND SELECTED FAMILY STATUS CHARACTERISTICS, AUGUST 1984**

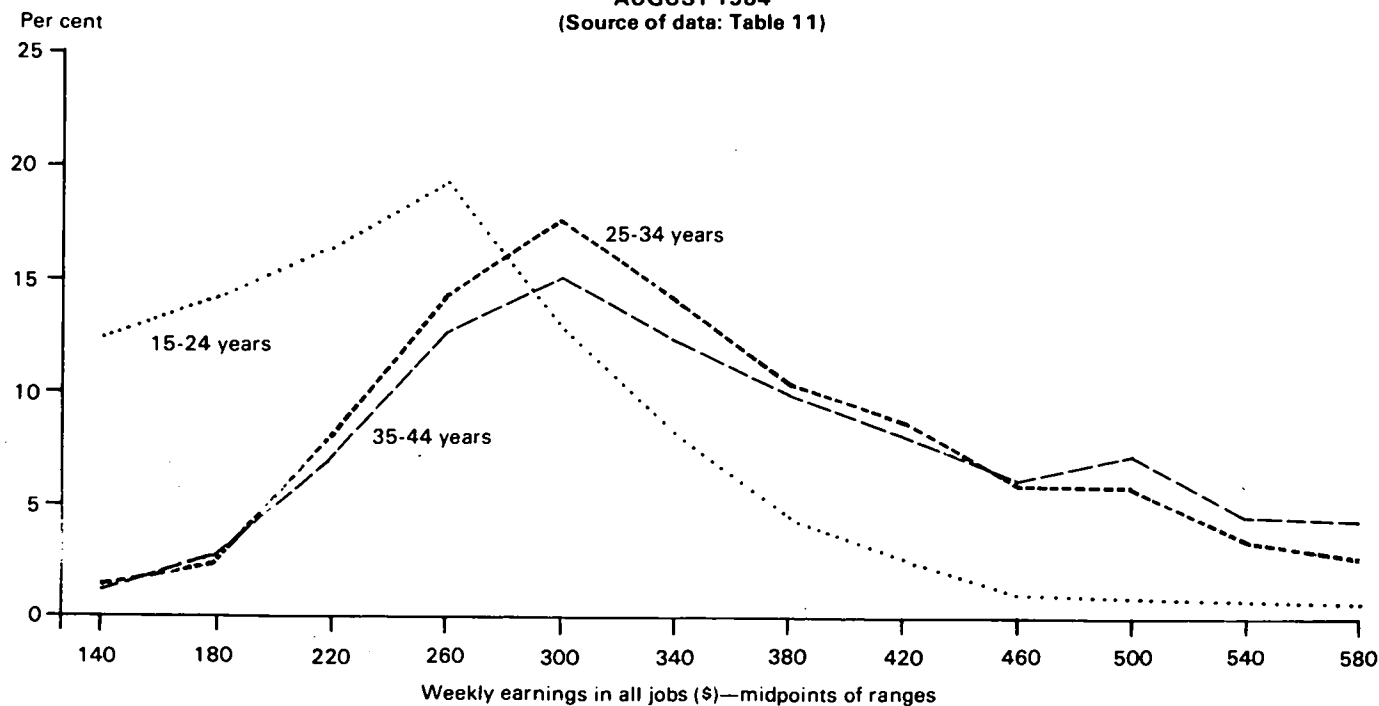
(Source of data: Table 6)



For full-time employees, the distribution of weekly earnings varied across age groups. In the 15 to 24 years age group 48.2 per cent earned less than \$240 per week, while only 11.6 per cent earned \$360 or more per week from all jobs. For 25 to 34 year olds, the proportions were 13.0 per cent and 41.2 per cent respectively, while for 35 to 44 year olds, only 12.4 per cent earned less than \$240 per week and almost half (47.8 per cent) earned \$360 or more.

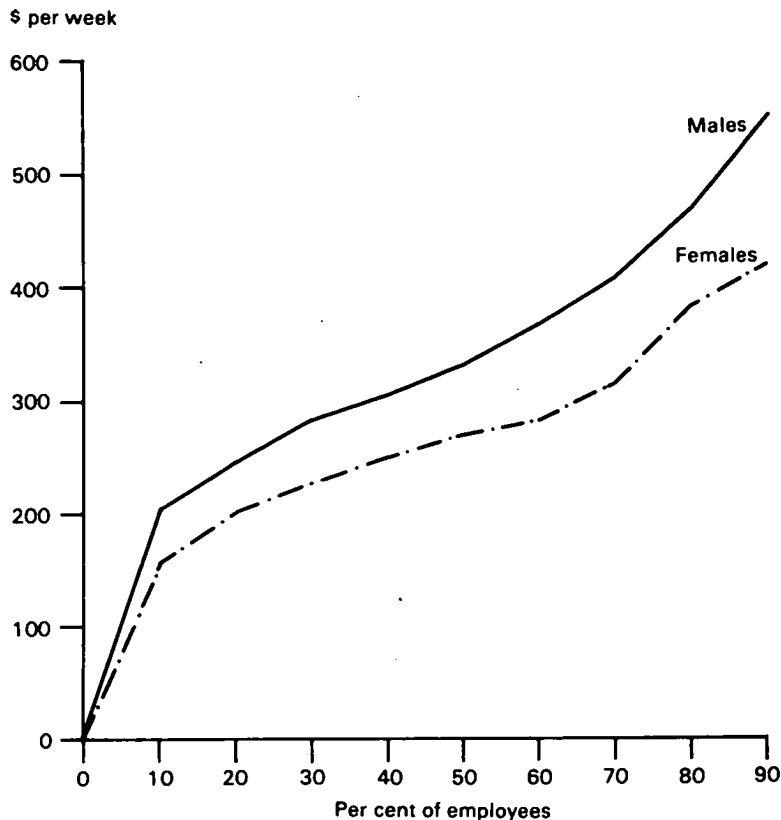
**DIAGRAM 3. FULL TIME EMPLOYEES : DISTRIBUTION OF WEEKLY EARNINGS IN ALL JOBS AND SELECTED AGE GROUPS, AUGUST 1984**

(Source of data: Table 11)



For full-time employees, mean weekly earnings in main job was \$366 for males and \$285 for females. However, 50 per cent of males earned less than \$332 per week and 50 per cent of females earned less than \$270 per week (the median earnings estimates). The highest paid 10 per cent of males earned \$556 or more which was 30 per cent more than the \$429 earned by the highest paid 10 per cent of females. There was a similar difference between the weekly earnings of the lowest paid 10 per cent of males (\$203 or less) and females (\$159 or less).

**DIAGRAM 4. FULL-TIME EMPLOYEES : DECILES OF WEEKLY EARNINGS IN MAIN JOBS, AUGUST 1984**  
(Source of data: Table 1)



**TABLE 1. FULL-TIME EMPLOYEES: DECILES<sup>(a)</sup> OF WEEKLY EARNINGS IN MAIN JOB, AUGUST 1984**

Per cent of individuals earning below the levels shown	Aged 20 years and over			Total all ages		
	Males	Females	Persons	Males	Females	Persons
	—dollars—					
10	227	192	213	203	159	182
20	262	222	248	248	201	229
30	289	245	272	277	226	258
40	314	263	297	304	249	284
50	343	282	321	332	270	310
60	376	304	352	364	292	340
70	419	329	392	408	316	380
80	482	369	449	471	355	435
90	563	442	535	556	429	524

(a) Calculated from grouped data using linear interpolation.



TABLE 2. ALL EMPLOYEES: FULL-TIME OR PART-TIME STATUS AND MEAN WEEKLY EARNINGS IN ALL JOBS  
AUGUST 1979 TO AUGUST 1984  
(dollars)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
<i>Full-time—</i>									
1979	230	223	216	214	227	208	279	285	225
1980	255	245	241	237	253	239	308	300	249
1981	282	273	271	259	283	266	342	334	277
1982	328	317	315	304	326	292	375	394	322
1983	346	335	338	323	347	323	404	416	341
1984	377	359	353	349	379	348	449	452	367
<i>Part-time—</i>									
1979	106	98	95	73	108	80	*	*	100
1980	108	102	109	84	121	116	*	101	106
1981	129	99	107	93	104	88	*	110	112
1982	166	138	112	93	148	153	*	127	142
1983	177	147	145	144	125	141	*	131	156
1984	188	147	155	137	135	179	*	186	163
<i>Total—</i>									
1979	223	217	211	207	221	204	271	278	219
1980	249	238	235	230	247	236	301	289	243
1981	274	264	265	251	274	260	337	320	269
1982	319	307	305	293	317	288	371	378	311
1983	336	325	328	314	335	313	398	396	331
1984	366	347	343	338	366	342	434	436	356
FEMALES									
<i>Full-time—</i>									
1979	177	174	166	169	173	168	182	200	174
1980	196	192	188	190	192	183	211	221	193
1981	220	216	211	216	214	211	253	263	218
1982	248	245	237	239	243	237	285	292	245
1983	268	268	260	260	264	259	304	309	267
1984	293	283	269	284	290	274	320	324	286
<i>Part-time—</i>									
1979	96	88	84	85	82	85	108	108	90
1980	101	96	90	90	88	90	140	107	96
1981	114	105	104	102	100	102	136	122	108
1982	126	117	118	116	112	107	137	149	120
1983	132	124	127	132	114	124	127	157	127
1984	147	136	127	131	126	116	159	165	137
<i>Total—</i>									
1979	151	147	141	138	139	139	162	171	146
1980	166	161	153	155	151	151	192	187	161
1981	185	184	173	174	169	173	219	218	181
1982	208	204	198	193	192	189	239	244	202
1983	223	221	214	209	207	207	271	259	219
1984	245	233	219	222	229	207	278	265	234
PERSONS									
<i>Full-time—</i>									
1979	214	208	202	201	212	197	256	257	210
1980	238	228	226	224	236	224	281	273	233
1981	264	255	255	246	263	251	318	310	259
1982	304	294	293	285	302	277	346	360	299
1983	321	314	315	305	323	305	369	377	318
1984	350	335	328	330	352	329	407	409	342
<i>Part-time—</i>									
1979	98	90	86	83	86	84	105	115	92
1980	102	97	93	89	94	93	138	106	97
1981	117	104	105	100	101	100	143	119	108
1982	134	122	117	112	118	114	148	145	125
1983	142	128	131	134	116	127	150	151	133
1984	156	138	132	132	128	125	151	169	142
<i>Total—</i>									
1979	197	191	186	181	191	180	240	235	192
1980	218	208	205	202	210	206	264	247	212
1981	241	233	231	222	234	229	297	277	236
1982	278	267	265	255	268	252	319	323	271
1983	292	284	285	273	285	274	349	336	288
1984	318	302	295	292	312	292	374	362	308

TABLE 3. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS AND FULL-TIME OR PART-TIME STATUS, AUGUST 1984

	N. S. W.	Vic.	Qld	S.A.	W.A.	Tas.	N. T.	A. C. T.	Australia
<b>MALE FULL-TIME EMPLOYEES</b>									
<i>Weekly earnings (\$)—</i>									
—'000—									
Under 120	25.0	15.9	11.8	5.9	7.3	2.4	*	*	68.6
120 and under 160	28.7	27.9	17.4	9.5	10.5	2.5	*	1.5	99.0
160 " 200	39.5	32.3	19.8	11.8	8.9	3.0	*	*	117.3
200 " 240	74.3	66.0	39.1	24.6	21.4	8.9	*	2.2	237.3
240 " 280	128.2	123.0	70.2	39.6	35.6	12.9	2.5	4.4	416.3
280 " 320	153.6	127.2	73.1	41.9	42.2	13.5	2.8	5.8	460.1
320 " 360	146.1	103.4	62.0	32.5	30.8	12.4	2.7	5.9	395.7
360 " 400	106.3	80.1	44.4	22.1	22.5	7.9	3.1	4.7	291.2
400 " 440	88.1	62.0	36.4	19.0	18.3	6.3	*	4.1	235.5
440 " 480	54.9	40.1	23.7	12.4	15.6	4.4	1.5	2.7	155.3
480 " 520	57.6	53.1	21.8	11.8	15.3	3.6	2.5	4.4	170.2
520 " 560	48.6	25.9	14.2	8.0	13.6	3.3	1.9	2.7	118.1
560 " 600	42.2	23.3	11.1	10.2	10.0	2.4	3.3	5.3	107.9
600 and over	70.6	44.2	26.5	11.4	22.4	3.4	3.8	9.7	191.9
<i>Total</i>	<i>1,063.7</i>	<i>824.4</i>	<i>471.5</i>	<i>260.7</i>	<i>274.5</i>	<i>87.1</i>	<i>27.4</i>	<i>55.1</i>	<i>3,064.4</i>
—dollars—									
Median earnings	343	328	323	317	335	321	419	413	334
Mean earnings	377	359	353	349	379	348	449	452	367
<b>FEMALE FULL-TIME EMPLOYEES</b>									
<i>Weekly earnings (\$)—</i>									
—'000—									
Under 120	11.0	15.0	10.1	3.1	6.4	1.0	1.7	3.5	47.7
120 and under 160	29.4	18.5	20.7	7.7	9.3	2.2			
160 " 200	43.9	38.1	22.4	9.3	8.7	4.0	*	3.8	217.3
200 " 240	73.5	68.1	29.0	19.2	16.7	5.5			
240 " 280	103.2	67.9	38.9	24.0	24.7	5.4	1.7	5.4	271.1
280 " 320	90.9	59.2	30.3	17.2	17.5	4.4	3.0	5.2	227.7
320 " 360	56.6	35.5	17.1	8.8	9.7	2.7	1.6	2.5	134.5
360 " 400	28.8	23.4	11.6	4.3	7.7	1.5	1.6	3.2	80.1
400 " 440	20.4	14.1	9.4	5.1	6.0	1.4	1.3	2.6	41.7
440 " 480	17.0	9.6	4.8	3.9	3.8	1.3			
480 " 520	11.6	12.0	3.4	2.1	2.1	*	*	2.4	33.6
520 " 560	7.2	4.6	4.1	3.3	6.5				
560 " 600	4.7	4.2				*	*	2.4	17.8
600 and over	6.2	*	13.2	28.5	1,379.0				
<i>Total</i>	<i>504.3</i>	<i>373.6</i>				<i>201.9</i>	<i>108.2</i>	<i>119.0</i>	<i>30.3</i>
—dollars—									
Median earnings	277	268	259	264	270	258	305	293	270
Mean earnings	293	283	269	284	290	274	320	324	286



TABLE 4. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS AND AGE, AUGUST 1984

	Males			Females			Persons		
	Aged 15-19 years	Aged 20 years and over	Total	Aged 15-19 years	Aged 20 years and over	Total	Aged 15-19 years	Aged 20 years and over	Total
<i>Weekly earnings (\$)—</i>									
—'000—									
Under 40	33.0	24.6	57.5	52.6	68.2	120.8	85.6	92.8	178.3
40 and under 80	16.3	21.2	37.6	26.5	95.5	122.0	42.8	116.7	159.5
80 " 120	35.6	34.9	70.5	28.3	137.0	165.3	63.9	171.9	235.8
120 " 160	65.6	49.9	115.5	63.9	154.4	218.4	129.6	204.3	333.9
160 " 200	55.9	74.6	130.5	55.9	170.6	226.5	111.9	245.2	357.1
200 " 240	31.9	216.7	248.6	27.5	253.6	281.1	59.4	470.3	529.7
240 " 280	21.9	400.9	422.8	11.8	298.8	310.7	33.8	699.7	733.5
280 " 320	11.6	454.2	465.8	4.5	244.5	249.0	16.1	698.7	714.7
320 " 360	5.6	395.5	401.2	*	140.0	141.8	7.5	535.5	542.9
360 " 400	*	291.4	293.9	*	85.8	86.7	3.3	377.3	380.6
400 " 440	*	237.0	238.9	*	61.9	62.3	*	298.9	301.2
440 " 480	*	157.8	158.8	*	44.2	44.2	*	202.0	203.0
480 " 520	*	172.8	173.3	*	35.7	35.7	*	208.5	209.0
520 " 560	*	118.1	119.3	*	19.4	19.4	*	137.5	138.7
560 " 600	*	110.2	110.3	*	14.0	14.2	*	124.2	124.6
600 and over	*	194.9	195.8	*	19.2	19.8	*	214.1	215.5
<b>Total</b>	<b>285.7</b>	<b>2,954.7</b>	<b>3,240.4</b>	<b>275.0</b>	<b>1,842.8</b>	<b>2,117.8</b>	<b>560.6</b>	<b>4,797.5</b>	<b>5,358.2</b>
—dollars—									
Median earnings	155	340	327	139	246	229	147	303	288
Mean earnings	163	375	356	133	249	234	148	327	308

TABLE 5. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS, MARITAL STATUS AND FULL-TIME OR PART-TIME STATUS, AUGUST 1984

	Males			Females			Persons		
	Married	Not-married	Total	Married	Not-married	Total	Married	Not-married	Total
<b>FULL-TIME EMPLOYEES</b>									
<i>Weekly earnings (\$)—</i>									
—' 000—									
Under 120	21.3	47.3	68.6	15.5	32.2	47.7	36.8	79.5	116.3
120 and under 160	18.9	80.1	99.0	15.7	74.2	89.8	34.6	154.3	188.9
160 " 200	33.8	83.4	117.3	41.5	87.1	128.6	75.3	170.5	245.8
200 " 240	122.9	114.4	237.3	113.3	104.0	217.3	236.2	218.4	454.6
240 " 280	252.0	164.3	416.3	141.9	129.1	271.1	394.0	293.4	687.4
280 " 320	312.9	147.2	460.1	122.6	105.1	227.7	435.6	252.3	687.9
320 " 360	285.6	110.2	395.7	71.3	63.1	134.5	356.9	173.3	530.2
360 " 400	211.0	80.3	291.2	41.6	38.6	80.1	252.5	118.8	371.4
400 " 440	183.4	52.0	235.5	28.2	30.1	58.4	211.6	82.2	293.8
440 " 480	118.5	36.7	155.3	23.8	17.9	41.7	142.3	54.7	197.0
480 " 520	135.2	35.0	170.2	18.6	15.0	33.6	153.9	50.0	203.9
520 " 560	95.9	22.2	118.1	10.7	7.1	17.8	106.6	29.3	135.9
560 " 600	90.6	17.2	107.9	8.2	5.0	13.2	98.9	22.2	121.1
600 and over	159.3	32.6	191.9	9.1	8.4	17.5	168.4	40.9	209.3
<b>Total</b>	<b>2,041.6</b>	<b>1,022.8</b>	<b>3,064.4</b>	<b>662.1</b>	<b>716.9</b>	<b>1,379.0</b>	<b>2,703.7</b>	<b>1,739.7</b>	<b>4,443.4</b>
—dollars—									
Median earnings	356	286	334	281	259	270	336	274	311
Mean earnings	396	310	367	302	272	286	373	294	342
<b>PART-TIME EMPLOYEES(a)</b>									
<i>Weekly earnings (\$)—</i>									
—' 000—									
Under 40	5.7	41.9	47.6	41.1	73.3	114.4	46.8	115.2	162.0
40 and under 80	6.4	22.4	28.7	70.4	43.3	113.7	76.8	65.6	142.4
80 " 120	5.9	14.7	20.6	102.5	29.9	132.3	108.4	44.6	153.0
120 " 160	5.6	11.0	16.5	105.5	23.0	128.5	111.1	33.9	145.0
160 " 200	5.7	7.6	13.3	79.5	18.5	98.0	85.2	26.1	111.2
200 " 240	7.2	4.2	11.4	52.3	11.5	63.7	59.5	15.6	75.1
240 " 280	3.0	3.5	6.5	32.0	7.7	39.6	34.9	11.2	46.1
280 " 320	*	3.0	5.6	15.6	5.6	21.3	18.2	8.6	26.9
320 " 360	3.4	*	5.4	4.6	*	7.3	8.1	4.6	12.7
360 and over	15.6	4.8	20.3	12.0	8.0	20.0	27.6	12.7	40.3
<b>Total</b>	<b>61.1</b>	<b>114.9</b>	<b>176.0</b>	<b>515.5</b>	<b>223.3</b>	<b>738.8</b>	<b>576.6</b>	<b>338.2</b>	<b>914.7</b>
—dollars—									
Median earnings	207	68	103	137	75	123	140	73	120
Mean earnings	267	107	163	149	110	137	162	109	142

(a) As part-time employees are defined as those who usually work less than 35 hours and who did so in the survey week, these figures may include some school teachers, academic staff in universities, air crew, etc.

TABLE 6. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS AND FAMILY STATUS, AUGUST 1984

		Family status										
		Member of a family										
		Husband or wife			Total	Not-married family head	Child of family head	Other relative of family head	Total	Not a member of a family	Not family coded	Total
		With children aged 0-14 present	Without children aged 0-14 present									
MALES												
Weekly earnings (\$)—		—'000—										
Under 40		5.1	5.9	11.1	*	35.9	*	48.0	5.4	4.1	57.5	
40 and under	80	3.6	6.4	10.1	*	19.7	*	31.0	4.9	*	37.6	
	120	7.9	9.3	17.2	*	40.3	*	58.5	8.5	3.5	70.5	
120	" 160	12.1	11.5	23.6	*	71.7	*	98.3	11.8	5.4	115.5	
160	" 200	20.7	17.4	38.0	*	69.1	*	111.0	13.0	6.5	130.5	
200	" 240	73.0	52.1	125.1	*	72.3	5.8	205.8	29.9	13.0	248.6	
240	" 280	139.3	109.0	248.3	6.7	85.5	6.8	347.3	59.0	16.5	422.8	
280	" 320	180.5	129.0	309.5	8.3	64.1	6.0	387.9	63.0	14.8	465.8	
320	" 360	164.1	118.1	282.2	6.4	41.8	4.5	335.0	52.4	13.7	401.2	
360	" 400	130.2	76.5	206.6	3.3	24.4	*	236.7	45.3	12.0	293.9	
400	" 440	111.9	70.2	182.1	3.5	12.8	*	199.5	32.6	6.8	238.9	
440	" 480	76.5	41.7	118.2	*	11.1	*	133.4	20.2	5.1	158.8	
480	" 520	89.9	44.0	133.9	3.1	6.9	*	144.4	22.9	6.0	173.3	
520	" 560	59.1	36.4	95.4	*	4.3	*	102.5	12.5	4.3	119.3	
560	" 600	62.1	28.8	90.9	*	3.0	*	95.2	11.9	3.2	110.3	
600 and over		100.2	54.8	154.9	*	4.8	*	162.2	23.4	10.2	195.8	
Total		1,236.3	811.0	2,047.3	45.2	567.8	36.5	2,696.9	416.7	126.8	3,240.4	
—dollars—												
Median earnings		364	342	354	330	226	274	327	330	314	327	
Mean earnings		400	380	392	359	232	284	356	359	352	356	
FEMALES												
Weekly earnings (\$)—		—'000—										
Under 40		27.1	14.1	41.3	9.5	54.2	*	106.2	7.7	6.8	120.8	
40 and under	80	47.8	24.1	71.9	8.0	27.5	*	108.7	7.6	5.6	122.0	
	120	70.8	37.2	108.0	7.5	28.5	*	145.1	11.7	8.4	165.3	
120	" 160	69.9	46.9	116.8	9.2	59.5	*	187.7	18.8	11.9	218.4	
160	" 200	68.8	47.5	116.3	9.2	61.5	*	189.3	26.1	11.2	226.5	
200	" 240	79.1	79.6	158.7	12.0	58.6	*	231.9	35.0	14.2	281.1	
240	" 280	69.6	96.3	166.0	19.2	51.7	4.8	241.7	53.8	15.1	310.7	
280	" 320	51.4	82.1	133.5	18.2	29.2	3.8	184.8	53.6	10.6	249.0	
320	" 360	28.1	43.6	71.7	11.4	12.6	*	98.2	35.9	7.7	141.8	
360	" 400	14.5	29.5	43.9	5.2	7.5	*	57.4	26.9	*	86.7	
400	" 440	10.3	18.5	28.8	6.5	4.7	*	40.4	18.4	3.6	62.3	
440	" 480	11.1	13.3	24.3	5.3	*	*	32.2	10.8	*	44.2	
480	" 520	8.7	10.5	19.2	*	*	*	24.0	10.2	*	35.7	
520	" 560	5.6	5.7	11.3	*	*	*	13.4	4.8	*	19.4	
560	" 600	3.0	5.6	8.7	*	*	*	10.5	3.2	*	14.2	
600 and over		3.9	6.3	10.2	*	*	*	12.8	5.6	*	19.8	
Total		569.7	560.9	1,130.7	126.7	403.2	23.7	1,684.3	330.1	103.3	2,117.8	
—dollars—												
Median earnings		200	253	228	256	174	250	218	283	222	229	
Mean earnings		213	258	235	252	182	236	224	290	228	234	

TABLE 6. ALL EMPLOYEES: WEEKLY EARNINGS IN ALL JOBS AND FAMILY STATUS, AUGUST 1984— *continued*

		Family status										
		Member of a family										
		Husband or wife			Total	Not-married family head	Child of family head	Other relative of family head	Total	Not a member of a family	Not family coded	Total
		With children aged 0-14 present	Without children aged 0-14 present									
PERSONS												
Weekly earnings (\$)—		—'000—										
Under 40		32.3	20.1	52.3	9.9	90.1	*	154.3	13.2	10.9	178.3	
40 and under	80	51.5	30.6	82.0	8.7	47.2	*	139.7	12.5	7.3	159.5	
	120	78.7	46.5	125.1	7.8	68.8	*	203.6	20.2	11.9	235.8	
120	" 160	82.0	58.5	140.4	10.3	131.2	4.1	286.0	30.6	17.3	333.9	
160	" 200	89.5	64.8	154.3	10.2	130.6	5.1	300.2	39.1	17.7	357.1	
200	" 240	152.1	131.7	283.8	14.5	131.0	8.4	437.7	64.8	27.2	529.7	
240	" 280	209.0	205.4	414.3	25.9	137.2	11.6	589.0	112.8	31.7	733.5	
280	" 320	232.0	211.0	443.0	26.4	93.4	9.9	572.7	116.6	25.5	714.7	
320	" 360	192.3	161.7	354.0	17.8	54.4	6.9	433.2	88.4	21.4	542.9	
360	" 400	144.7	105.9	250.6	8.4	31.9	3.1	294.0	72.2	14.4	380.6	
400	" 440	122.2	88.7	210.9	10.0	17.5	*	239.9	51.0	10.4	301.2	
440	" 480	87.6	55.0	142.6	7.8	13.4	*	165.6	31.0	6.4	203.0	
480	" 520	98.6	54.5	153.2	5.5	9.2	*	168.5	33.1	7.4	209.0	
520	" 560	64.7	42.1	106.8	3.6	5.0	*	115.9	17.3	5.4	138.7	
560	" 600	65.1	34.4	99.6	*	4.4	*	105.8	15.1	3.7	124.6	
600 and over		104.1	61.1	165.1	3.7	5.8	*	175.0	29.0	11.5	215.5	
<b>Total</b>		<b>1,806.1</b>	<b>1,372.0</b>	<b>3,178.0</b>	<b>171.9</b>	<b>971.0</b>	<b>60.2</b>	<b>4,381.2</b>	<b>746.8</b>	<b>230.1</b>	<b>5,358.2</b>	
—dollars—												
Median earnings		316	304	310	278	205	264	286	307	269	288	
Mean earnings		341	330	336	281	211	265	305	329	297	308	

TABLE 7. ALL EMPLOYEES: WEEKLY EARNINGS IN MAIN JOB AND HOURS PAID FOR, AUGUST 1984

	Hours paid for—								Total
	1-19	20-29	30-34	35-39	40	41-44	45-48	49 and over	
<b>MALES</b>									
<i>Weekly earnings (\$)</i> —	—'000—								
Under 120	93.0	9.3	6.2	15.0	21.3	*	6.3	14.6	167.6
120 and under 160	9.3	8.9	4.6	24.3	53.7	4.4	4.0	7.6	116.8
160 " 200	5.2	9.0	6.9	41.5	48.7	5.5	5.3	9.8	131.7
200 " 240	3.9	10.3	8.0	74.0	111.3	13.1	8.1	22.5	251.2
240 " 280	4.0	7.4	11.6	141.1	193.7	21.6	21.8	23.8	425.0
280 " 320	4.1	5.4	8.6	162.4	194.9	37.4	27.9	26.7	467.3
320 " 360	3.3	5.1	10.1	143.4	148.1	32.5	27.5	32.6	402.7
360 " 400	*	4.3	7.1	103.3	97.3	27.7	23.9	29.4	294.7
400 " 440	*	*	6.0	82.2	68.6	20.2	21.4	32.6	236.3
440 " 480	*	*	8.6	56.1	39.3	13.9	15.7	18.8	156.1
480 " 520	*	*	6.4	65.4	38.8	14.9	17.4	25.4	172.2
520 " 560	*	*	6.5	40.7	23.9	11.6	12.3	20.3	118.2
560 " 600	*	*	6.4	35.2	19.6	9.2	10.1	24.3	108.9
600 and over	*	4.1	8.5	53.1	23.7	15.3	21.2	63.5	191.6
<b>Total</b>	<b>134.1</b>	<b>76.1</b>	<b>105.6</b>	<b>1,037.4</b>	<b>1,083.0</b>	<b>229.2</b>	<b>223.1</b>	<b>351.9</b>	<b>3,240.4</b>
—dollars—									
Median earnings	69	243	347	337	303	358	378	411	326
Mean earnings	130	293	370	363	320	385	407	480	355
<b>FEMALES</b>									
<i>Weekly earnings (\$)</i> —	—'000—								
Under 120	335.3	33.8	7.8	13.5	16.2	*	*	5.8	415.0
120 and under 160	61.0	65.3	11.6	30.6	42.0	4.2	*	4.2	220.9
160 " 200	24.2	60.8	19.8	49.8	59.7	5.5	*	*	224.5
200 " 240	13.5	30.0	28.4	94.8	98.8	8.0	3.7	5.3	282.5
240 " 280	6.0	16.8	28.6	107.3	125.3	13.4	7.2	4.7	309.2
280 " 320	4.4	10.0	15.4	104.4	92.8	9.6	5.6	5.1	247.3
320 " 360	*	4.2	6.4	58.6	49.7	8.4	4.7	5.6	140.6
360 " 400	*	3.3	8.2	34.3	26.4	4.9	*	*	84.9
400 " 440	*	*	5.9	24.6	20.2	*	*	4.2	61.3
440 " 480	*	*	6.3	17.7	11.8	*	*	3.5	44.0
480 and over	*	*	8.2	30.5	17.9	4.5	4.6	17.8	87.6
<b>Total</b>	<b>452.4</b>	<b>229.4</b>	<b>146.5</b>	<b>566.0</b>	<b>560.9</b>	<b>64.5</b>	<b>36.5</b>	<b>61.4</b>	<b>2,117.8</b>
—dollars—									
Median earnings	80	170	248	275	260	278	296	343	228
Mean earnings	94	184	267	288	269	294	317	409	233



**TABLE 8. EMPLOYEES WHO WORKED IN A SECOND JOB : WEEKLY EARNINGS IN MAIN JOB AND WEEKLY EARNINGS IN SECOND JOB, AUGUST 1984**

	Males				Females			
	Weekly earnings in second job			Mean weekly earnings in second job	Weekly earnings in second job			Mean weekly earnings in second job
	Under \$30	\$30 and over	Total		Under \$30	\$30 and over	Total	
Weekly earnings in main job (\$)--	'000	'000	'000	\$	'000	'000	'000	\$
Under 120	*	*	5.3	44	4.7	9.0	13.6	52
120 and under 200	*	4.2	4.9	74	*	7.6	10.3	74
200 " 240	*	4.7	5.7	66	*	3.5	5.3	63
240 " 320	3.1	11.9	15.0	73	*	5.1	6.0	78
320 and over	3.5	23.9	27.4	88	*	3.9	5.6	73
<b>Total</b>	<b>11.3</b>	<b>47.0</b>	<b>58.3</b>	<b>77</b>	<b>11.6</b>	<b>29.1</b>	<b>40.8</b>	<b>66</b>
	—dollars—							
Median earnings in main job	275	323	312	..	145	174	164	..
Mean earnings in main job	285	342	331	..	172	199	191	..

**TABLE 9. EMPLOYEES WHO WORKED IN A SECOND JOB : HOURS WORKED IN SECOND JOB, HOURS WORKED IN MAIN JOB AND NUMBER, MEDIAN AND MEAN WEEKLY EARNINGS IN ALL JOBS, AUGUST 1984**

Hours worked in second job	Hours worked in main job								
	Under 35			35 and over			Total		
	Number of employees ('000)	Median earnings (\$)	Mean earnings (\$)	Number of employees ('000)	Median earnings (\$)	Mean earnings (\$)	Number of employees ('000)	Median earnings (\$)	Mean earnings (\$)
	<b>MALES</b>								
Under 5	5.7	216	231	9.3	410	437	15.0	326	359
5 and over	12.3	367	372	31.0	420	445	43.3	411	425
<b>Total</b>	<b>18.0</b>	<b>312</b>	<b>328</b>	<b>40.3</b>	<b>418</b>	<b>443</b>	<b>58.3</b>	<b>401</b>	<b>408</b>
	<b>FEMALES</b>								
Under 5	10.1	158	185	3.9	294	317	14.0	189	221
5 and over	19.5	218	243	7.2	355	363	26.8	258	275
<b>Total</b>	<b>29.6</b>	<b>195</b>	<b>223</b>	<b>11.1</b>	<b>338</b>	<b>347</b>	<b>40.8</b>	<b>241</b>	<b>257</b>

**TABLE 10. EMPLOYEES WHO WORKED IN A SECOND JOB : WEEKLY EARNINGS AND HOURS WORKED IN SECOND JOB, AUGUST 1984**

Weekly earnings in second job (\$)--	Hours worked in second job					
	Males			Females		
	Under 5	5 and over	Total	Under 5	5 and over	Total
	—'000—					
Under 30	6.2	5.0	11.3	8.3	3.3	11.6
30 and over	8.8	38.3	47.0	5.7	23.4	29.1
<b>Total</b>	<b>15.0</b>	<b>43.3</b>	<b>58.3</b>	<b>14.0</b>	<b>26.8</b>	<b>40.8</b>
	—dollars—					
Median earnings	34	82	66	27	76	53
Mean earnings	41	90	77	31	84	66

TABLE 11. FULL-TIME EMPLOYEES : WEEKLY EARNINGS IN ALL JOBS AND AGE, AUGUST 1984

	Age group (years)							Total 20 and over	Total
	15-19	20-24	25-34	35-44	45-54	55-59	60 and over		
<b>MALES</b>									
<i>Weekly earnings (\$)</i> —	—'000—								
Under 120	31.3	7.8	8.0	11.2	5.7	*	*	37.3	68.6
120 and under 160	61.9	12.8	10.2	5.8	5.4	*	*	37.1	99.0
160 " 200	52.2	23.3	15.7	10.5	8.1	3.7	3.8	65.1	117.3
200 " 240	31.0	61.8	58.0	30.9	31.9	16.5	7.2	206.3	237.3
240 " 280	21.7	98.5	115.9	73.4	60.2	30.7	16.0	394.6	416.3
280 " 320	11.4	74.1	145.3	102.2	72.2	37.2	17.8	448.8	460.1
320 " 360	5.4	57.9	133.8	91.0	64.8	28.1	14.8	390.4	395.7
360 " 400	*	34.9	100.2	79.9	44.7	20.7	8.3	288.8	291.2
400 " 440	*	20.2	85.9	69.8	39.4	13.7	4.6	233.6	235.5
440 " 480	*	10.7	53.5	50.2	28.3	8.9	*	154.3	155.3
480 " 520	*	8.2	59.0	60.0	28.4	8.7	5.3	169.7	170.2
520 " 560	*	6.0	38.4	38.0	22.9	9.4	*	116.9	118.1
560 " 600	*	5.2	30.9	40.2	22.1	6.1	3.5	107.8	107.9
600 and over	*	6.5	52.8	67.8	43.2	16.9	3.9	191.0	191.9
<i>Total</i>	222.8	428.0	907.6	730.8	477.3	203.5	94.5	2,841.6	3,064.4
—dollars—									
Median earnings	174	285	350	380	354	335	315	344	334
Mean earnings	191	305	384	412	402	383	352	381	367
<b>FEMALES</b>									
<i>Weekly earnings (\$)</i> —	—'000—								
Under 120	21.3	5.9	6.6	5.9	5.4	*	*	26.4	47.7
120 and under 160	59.5	12.0	7.3	4.6	3.8	*	*	30.3	89.8
160 " 200	51.5	32.3	15.0	15.4	9.4	3.6	*	77.0	128.6
200 " 240	26.9	70.7	47.1	38.4	24.5	7.1	*	190.4	217.3
240 " 280	11.5	92.4	70.1	50.7	34.1	9.9	*	259.6	271.1
280 " 320	4.4	60.1	76.9	45.5	29.5	8.1	3.3	223.3	227.7
320 " 360	*	30.1	47.6	29.6	19.4	3.7	*	132.9	134.5
360 " 400	*	15.1	33.1	17.5	10.9	*	*	79.8	80.1
400 " 440	*	9.4	24.6	12.9	7.5	*	*	57.9	58.4
440 and over	*	9.8	52.9	35.9	18.1	5.7	*	123.1	123.8
<i>Total</i>	178.3	338.0	381.1	256.2	162.7	44.6	18.1	1,200.7	1,379.0
—dollars—									
Median earnings	166	261	303	292	286	275	285	283	270
Mean earnings	175	271	325	315	304	299	278	303	286
<b>PERSONS</b>									
<i>Weekly earnings (\$)</i> —	—'000—								
Under 120	52.6	13.7	14.6	17.1	11.1	3.2	4.0	63.7	116.3
120 and under 160	121.4	24.9	17.5	10.4	9.2	*	3.0	67.4	188.9
160 " 200	103.7	55.7	30.8	25.8	17.5	7.4	5.0	142.1	245.8
200 " 240	57.9	132.5	105.1	69.3	56.4	23.6	9.9	396.7	454.6
240 " 280	33.2	191.0	185.9	124.1	94.3	40.7	18.3	654.2	687.4
280 " 320	15.8	134.2	222.1	147.7	101.7	45.3	21.0	672.1	687.9
320 " 360	6.9	88.0	181.4	120.6	84.3	31.9	17.2	523.3	530.2
360 " 400	*	49.9	133.4	97.4	55.6	23.0	9.3	368.6	371.4
400 " 440	*	29.6	110.5	82.7	47.0	15.0	6.7	291.5	293.8
440 " 480	*	13.6	73.7	60.4	34.8	10.4	3.0	196.0	197.0
480 " 520	*	10.0	74.5	70.3	33.4	9.4	5.6	203.3	203.9
520 " 560	*	7.1	45.7	44.9	24.6	10.3	*	134.7	135.9
560 " 600	*	7.3	34.8	43.1	24.6	7.5	3.5	120.8	121.1
600 and over	*	8.5	58.7	73.3	45.5	18.0	3.9	208.0	209.3
<i>Total</i>	401.1	765.9	1,288.7	987.0	640.0	248.1	112.5	4,042.3	4,443.4
—dollars—									
Median earnings	170	273	335	353	334	322	311	322	311
Mean earnings	184	290	366	387	377	368	341	358	342

TABLE 12. FULL-TIME EMPLOYEES : OCCUPATION, NUMBER, MEAN WEEKLY EARNINGS IN ALL JOBS AND BIRTHPLACE, AUGUST 1984

Occupation	Males			Females		
	Number ('000)	Per cent of total	Mean weekly earnings (\$)	Number ('000)	Per cent of total	Mean weekly earnings (\$)
<b>BORN IN AUSTRALIA</b>						
Professional, technical, etc.	330.0	14.8	468	242.7	23.6	374
Administrative, executive and managerial	208.6	9.3	463	25.9	2.5	345
Clerical	243.8	10.9	359	449.7	43.7	268
Sales	135.6	6.1	335	98.4	9.6	225
Farmers, fisherpersons and timbergetters, etc.	113.3	5.1	255	9.6	0.9	183
Transport and communication	154.0	6.9	368	16.5	1.6	262
Trades and production-process workers and labourers, n.e.c.(a)	926.7	41.5	328	75.2	7.3	238
Service, sport and recreation	120.6	5.4	353	110.5	10.7	249
<b>Total</b>	<b>2,232.7</b>	<b>100.0</b>	<b>366</b>	<b>1,028.5</b>	<b>100.0</b>	<b>286</b>
<b>BORN IN MAIN ENGLISH-SPEAKING COUNTRIES(b)</b>						
Professional, technical, etc.	66.5	17.0	492	35.1	22.4	395
Administrative, executive and managerial	42.8	11.0	502	5.6	3.5	365
Clerical	36.1	9.2	350	68.8	43.8	288
Sales	21.3	5.4	348	12.7	8.1	258
Farmers, fisherpersons and timbergetters, etc.	5.5	1.4	271	*	*	*
Transport and communication	25.5	6.5	402	*	*	*
Trades and production-process workers and labourers, n.e.c.(a)	169.0	43.3	356	14.8	9.4	250
Service, sport and recreation	23.7	6.1	388	16.3	10.4	280
<b>Total</b>	<b>390.3</b>	<b>100.0</b>	<b>398</b>	<b>156.9</b>	<b>100.0</b>	<b>307</b>
<b>BORN IN OTHER COUNTRIES</b>						
<i>Germany, Federal Republic of—</i>						
Professional, technical, etc.	4.0	12.2	459	*	*	*
Trades and production-process workers and labourers, n.e.c.(a)	17.7	54.7	361	*	*	*
<b>Total</b>	<b>32.4</b>	<b>100.0</b>	<b>387</b>	<b>11.8</b>	<b>100.0</b>	<b>303</b>
<i>Greece—</i>						
Trades and production-process workers and labourers, n.e.c.(a)	23.2	68.4	306	11.5	61.5	234
<b>Total</b>	<b>33.9</b>	<b>100.0</b>	<b>306</b>	<b>18.7</b>	<b>100.0</b>	<b>252</b>
<i>Italy—</i>						
Professional, technical, etc.	4.4	5.9	376	*	*	*
Clerical	4.2	5.7	369	4.1	20.2	254
Transport and communication	3.5	4.7	308	*	*	*
Trades and production-process workers and labourers, n.e.c.(a)	49.2	66.3	319	7.9	38.8	236
Service, sport and recreation	4.2	5.7	289	4.0	19.7	263
<b>Total</b>	<b>74.2</b>	<b>100.0</b>	<b>324</b>	<b>20.4</b>	<b>100.0</b>	<b>250</b>
<i>Yugoslavia—</i>						
Trades and production-process workers and labourers, n.e.c.(a)	36.2	80.2	337	14.2	63.7	231
<b>Total</b>	<b>45.2</b>	<b>100.0</b>	<b>340</b>	<b>22.3</b>	<b>100.0</b>	<b>243</b>
<i>Other countries—</i>						
Professional, technical, etc.	37.5	14.6	479	21.4	17.8	363
Administrative, executive and managerial	16.1	6.3	520	*	*	*
Clerical	21.7	8.5	345	39.5	32.8	278
Sales	9.4	3.7	289	5.4	4.5	247
Transport and communication	13.5	5.3	350	3.4	2.9	269
Trades and production-process workers and labourers, n.e.c.(a)	134.9	52.8	328	32.9	27.3	248
Service, sport and recreation	18.6	7.3	294	14.7	12.2	250
<b>Total</b>	<b>255.7</b>	<b>100.0</b>	<b>360</b>	<b>120.4</b>	<b>100.0</b>	<b>281</b>
<b>TOTAL</b>						
Professional, technical, etc.	446.1	14.6	471	305.6	22.2	374
Administrative, executive and managerial	277.3	9.0	470	34.7	2.5	347
Clerical	310.0	10.1	357	571.0	41.4	271
Sales	172.0	5.6	333	120.8	8.8	230
Farmers, fisherpersons and timbergetters, etc.	126.6	4.1	256	11.9	0.9	187
Transport and communication	201.8	6.6	372	22.7	1.6	268
Trades and production-process workers and labourers, n.e.c.(a)	1,356.9	44.3	331	158.6	11.5	240
Service, sport and recreation	173.6	5.7	348	153.6	11.1	254
<b>Total</b>	<b>3,064.4</b>	<b>100.0</b>	<b>367</b>	<b>1,379.0</b>	<b>100.0</b>	<b>286</b>

(a) Includes miners and quarry workers. (b) Comprises U.K., Ireland, Canada, South Africa, U.S.A. and New Zealand.

TABLE 13. FULL-TIME EMPLOYEES : WEEKLY EARNINGS IN MAIN JOB AND INDUSTRY, AUGUST 1984

MALES							
	<i>Agriculture, forestry, fishing, etc.</i>	<i>Mining</i>	<i>Manufacturing</i>	<i>Electricity, gas and water</i>	<i>Construction</i>	<i>Wholesale and retail trade</i>	<i>Transport and storage</i>
<i>Weekly earnings (\$)—</i>							
—'000—							
Under 120	11.9	*	13.4	*	6.1	16.4	*
120 and under 160	8.6	*	24.1	3.4	8.6	27.0	3.9
160 " 200	8.0	*	27.8	*	7.2	30.2	7.0
200 " 240	21.6	*	63.2	6.0	13.3	51.0	11.9
240 " 280	14.0	3.6	126.9	11.9	27.7	87.3	29.4
280 " 320	9.4	7.3	128.1	20.8	33.3	92.9	37.7
320 " 360	5.7	8.0	117.2	19.5	38.6	63.8	32.5
360 " 400	4.5	5.4	86.3	16.7	30.6	38.1	24.6
400 " 440	*	5.4	52.8	12.9	24.5	31.0	15.8
440 " 480	*	7.3	32.4	8.9	9.1	15.9	13.8
480 " 520	*	7.8	32.9	8.0	11.6	19.5	14.0
520 " 560	*	8.3	24.5	4.3	7.3	11.6	7.8
560 " 600	*	7.7	20.5	6.8	6.4	9.9	9.2
600 and over	*	18.4	27.7	8.8	9.9	16.1	19.2
<b>Total</b>	<b>93.4</b>	<b>82.9</b>	<b>777.9</b>	<b>131.3</b>	<b>234.2</b>	<b>510.8</b>	<b>229.0</b>
—dollars—							
Median earnings	234	483	322	362	342	299	348
Mean earnings	255	501	347	397	363	321	398
	<i>Communication</i>	<i>Finance, property and business services</i>	<i>Public administration and defence</i>	<i>Community services</i>	<i>Recreation, personal and other services</i>	<i>Total</i>	
<i>Weekly earnings (\$)—</i>							
—'000—							
Under 120	*	5.0	*	7.0	4.8	69.4	
120 and under 160	*	6.7	5.4	6.0	5.0	100.1	
160 " 200	5.1	9.0	8.0	6.8	5.6	118.7	
200 " 240	7.2	18.1	14.5	18.9	13.5	240.6	
240 " 280	13.5	21.6	30.8	33.1	18.8	418.7	
280 " 320	19.0	29.0	33.6	32.9	17.6	461.5	
320 " 360	16.2	27.6	23.1	32.5	12.9	397.5	
360 " 400	10.4	24.6	17.0	24.7	8.9	291.8	
400 " 440	7.7	21.9	14.7	36.4	8.0	232.9	
440 " 480	5.2	13.8	9.9	31.9	3.2	152.9	
480 " 520	4.8	12.9	13.4	36.9	5.1	169.3	
520 " 560	3.0	10.8	9.4	26.8	*	116.9	
560 " 600	*	11.8	9.1	18.9	3.2	106.5	
600 and over	3.0	24.1	17.3	36.6	4.6	187.7	
<b>Total</b>	<b>97.5</b>	<b>236.9</b>	<b>207.5</b>	<b>349.4</b>	<b>113.5</b>	<b>3,064.4</b>	
—dollars—							
Median earnings	328	362	337	414	301	332	
Mean earnings	348	396	385	424	331	366	

TABLE 13. FULL-TIME EMPLOYEES : WEEKLY EARNINGS IN MAIN JOB AND INDUSTRY, AUGUST 1984—continued

FEMALES					
	<i>Manufacturing</i>	<i>Wholesale and -retail trade</i>	<i>Transport and storage</i>	<i>Communication</i>	<i>Finance, property and business services</i>
<i>Weekly earnings (\$)—</i>					
—'000—					
Under 120	4.9	10.3	*	*	4.2
120 and under 160	9.8	33.6	*	*	14.6
160 .. 200	21.8	34.3	3.3	*	21.9
200 .. 240	61.0	42.5	3.7	3.2	34.2
240 .. 280	53.2	60.4	5.9	7.6	35.1
280 .. 320	34.6	32.9	8.9	6.0	35.6
320 .. 360	19.3	16.3	5.1	*	23.0
360 .. 400	6.5	8.7	4.5	*	10.7
400 .. 440	4.4	3.5	*	*	5.1
440 and over	6.9	8.0	*	*	10.3
<b>Total</b>	<b>222.2</b>	<b>250.4</b>	<b>37.5</b>	<b>24.0</b>	<b>194.7</b>
—dollars—					
Median earnings	250	243	296	274	266
Mean earnings	262	247	308	278	274
	<i>Public administration and defence</i>	<i>Community services</i>	<i>Recreation, personal and other services</i>	<i>Other(a)</i>	<i>Total</i>
<i>Weekly earnings (\$)—</i>					
—'000—					
Under 120	3.0	13.8	7.8	3.7	49.1
120 and under 160	5.1	13.8	7.4	4.8	91.4
160 .. 200	7.6	23.7	10.8	4.5	128.9
200 .. 240	11.4	41.5	16.3	5.6	219.3
240 .. 280	17.7	64.3	16.3	9.7	270.2
280 .. 320	18.2	72.0	12.2	7.5	227.7
320 .. 360	9.4	48.5	5.7	4.8	133.8
360 .. 400	5.5	37.8	*	*	78.9
400 .. 440	4.0	35.8	*	*	57.3
440 and over	6.9	82.8	*	*	122.4
<b>Total</b>	<b>88.8</b>	<b>434.0</b>	<b>80.9</b>	<b>46.5</b>	<b>1,379.0</b>
—dollars—					
Median earnings	279	313	235	259	270
Mean earnings	290	333	236	269	285

(a) Comprises agriculture, forestry, fishing, etc.; mining; electricity, gas and water; and construction.

TABLE 14. FULL-TIME EMPLOYEES : WEEKLY EARNINGS IN MAIN JOB AND OCCUPATION, AUGUST 1984

		Occupation group								
		Professional, technical, etc.	Adminis- trative, executive and managerial	Clerical	Sales	Farmers, fisher- persons and timber- getters, etc.	Transport and communi- cation	Trades and production- process workers and labourers, n.e.c.(a)	Service, sport and recreation	Total
MALES										
Weekly earnings (\$)—		—'000—								
Under 120		4.9	6.3	3.6	4.8	12.5	*	31.4	4.3	69.4
120 and under 160		4.0	*	7.3	8.2	10.9	3.1	57.9	6.4	100.1
160	.. 200	5.6	3.6	14.1	8.3	10.8	6.0	64.6	5.7	118.7
200	.. 240	12.0	9.0	24.2	14.8	29.9	14.6	118.3	17.9	240.6
240	.. 280	23.8	16.3	37.4	25.5	23.7	35.0	230.1	27.0	418.7
280	.. 320	32.1	25.9	48.3	33.6	15.9	40.3	237.5	27.9	461.5
320	.. 360	35.4	28.4	46.8	24.6	7.2	27.3	208.7	19.0	397.5
360	.. 400	42.7	24.5	36.9	17.3	5.0	20.0	132.1	13.4	291.8
400	.. 440	48.7	28.9	27.7	9.2	3.1	10.6	89.5	15.1	232.9
440	.. 480	39.4	20.3	19.2	7.1	*	11.7	43.8	9.7	152.9
480	.. 520	55.2	26.2	16.5	4.9	*	8.2	45.0	10.6	169.3
520	.. 560	38.5	20.8	10.0	5.0	*	4.9	30.5	7.0	116.9
560	.. 600	36.6	22.4	7.7	3.7	*	6.3	24.5	4.1	106.5
600 and over		67.1	42.5	10.3	5.1	*	12.1	43.1	5.5	187.7
<b>Total</b>		<b>446.1</b>	<b>277.3</b>	<b>310.0</b>	<b>172.0</b>	<b>126.6</b>	<b>201.8</b>	<b>1,356.9</b>	<b>173.6</b>	<b>3,064.4</b>
—dollars—										
Median earnings		454	431	337	309	239	320	310	317	332
Mean earnings		468	469	355	331	254	370	331	346	366
FEMALES										
Weekly earnings (\$)—		—'000—								
Under 120		5.6	*	14.5	5.5	*	*	6.6	12.0	49.1
120 and under 160		6.4	*	39.3	21.6	*	*	9.3	10.4	91.4
160	.. 200	11.3	*	58.2	20.1	*	*	19.0	16.3	128.9
200	.. 240	21.2	3.4	83.0	24.2	*	*	53.2	30.2	219.3
240	.. 280	30.4	5.3	124.3	27.2	*	5.8	40.0	35.2	270.2
280	.. 320	39.9	6.1	123.6	10.1	*	6.9	16.2	23.6	227.7
320	.. 360	35.1	4.3	63.5	6.4	*	*	8.4	13.8	133.8
360	.. 400	34.6	*	32.3	*	*	*	*	4.1	78.9
400	.. 440	35.3	3.0	13.6	*	*	*	*	*	57.3
440 and over		85.8	7.1	18.6	*	*	*	*	5.7	122.4
<b>Total</b>		<b>305.6</b>	<b>34.7</b>	<b>571.0</b>	<b>120.8</b>	<b>11.9</b>	<b>22.7</b>	<b>158.6</b>	<b>153.6</b>	<b>1,379.0</b>
—dollars—										
Median earnings		363	317	269	222	181	274	233	249	270
Mean earnings		373	345	271	229	184	268	240	252	285

(a) Includes miners and quarry workers.

**TABLE 15. FULL-TIME EMPLOYEES BORN OVERSEAS :  
BIRTHPLACE, PERIOD OF ARRIVAL IN AUSTRALIA, NUMBER, MEDIAN AND MEAN WEEKLY EARNINGS IN ALL JOBS, AUGUST 1984**

Birthplace	Period of arrival in Australia												Total		
	Before 1961			1961-1970			1971-1975			1976-August 1984					
	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)	Number (000)	Median weekly earnings (\$)	Mean weekly earnings (\$)
<b>MALES</b>															
Main English-speaking countries(a)	99.2	379	417	148.7	349	388	61.6	355	395	80.8	349	396	390.3	357	398
Germany, Federal Republic of	22.0	377	387	6.9	354	376	*	*	*	*	*	*	32.4	372	387
Greece	10.4	317	329	19.8	282	297	*	*	*	*	*	*	33.9	292	306
Italy	43.8	317	332	26.4	296	314	*	*	*	*	*	*	74.2	308	324
Yugoslavia	10.4	329	361	23.7	299	337	8.2	305	335	*	*	*	45.2	310	340
Other	74.7	354	384	69.0	324	353	40.5	312	350	71.6	301	348	255.7	325	360
<b>Total</b>	<b>260.5</b>	<b>352</b>	<b>385</b>	<b>294.4</b>	<b>326</b>	<b>362</b>	<b>116.3</b>	<b>334</b>	<b>371</b>	<b>160.5</b>	<b>325</b>	<b>371</b>	<b>831.7</b>	<b>336</b>	<b>372</b>
<b>FEMALES</b>															
Main English-speaking countries(a)	20.7	297	316	64.5	274	299	26.6	287	294	45.1	304	324	156.9	287	307
Germany, Federal Republic of	8.0	285	292	*	*	*	*	*	*	*	*	*	11.8	288	303
Greece	4.3	259	290	13.4	237	241	*	*	*	*	*	*	18.7	242	252
Italy	10.5	243	253	8.6	253	246	*	*	*	*	*	*	20.4	244	250
Yugoslavia	*	*	*	12.4	240	248	5.7	230	232	*	*	*	22.3	235	243
Other	24.1	286	299	31.6	273	291	22.2	259	274	42.5	250	266	120.4	263	281
<b>Total</b>	<b>69.5</b>	<b>279</b>	<b>295</b>	<b>132.5</b>	<b>265</b>	<b>284</b>	<b>56.7</b>	<b>266</b>	<b>282</b>	<b>91.8</b>	<b>270</b>	<b>292</b>	<b>350.5</b>	<b>269</b>	<b>288</b>

(a) Comprises U.K., Ireland, Canada, South Africa, U.S.A., and New Zealand.

TABLE 16. ALL EMPLOYEES : OCCUPATION AND FREQUENCY OF PAY, AUGUST 1984

Occupation	Frequency of pay							
	Weekly		Fortnightly		Monthly		Total(a)	
	('000)	(Per cent)	('000)	(Per cent)	('000)	(Per cent)	('000)	(Per cent)
<b>MALES</b>								
Professional, technical, etc.	78.1	16.5	299.9	63.3	86.5	18.2	474.0	100.0
Administrative, executive and managerial	114.7	40.6	72.6	25.7	86.0	30.4	282.7	100.0
Clerical	83.9	26.2	209.1	65.3	26.0	8.1	320.1	100.0
Sales	132.4	65.9	28.3	14.1	35.2	17.5	200.9	100.0
Farmers, fisherpersons and timbergetters, etc.	64.0	46.8	38.8	28.4	21.1	15.5	136.7	100.0
Transport and communication	110.7	52.0	91.0	42.7	7.1	3.3	212.8	100.0
Trades and production-process workers and labourers, n.e.c.(b)	1,007.3	71.9	338.7	24.2	41.4	3.0	1,401.3	100.0
Service, sport and recreation	103.9	49.0	100.9	47.6	3.8	1.8	212.0	100.0
<b>Total</b>	<b>1,695.1</b>	<b>52.3</b>	<b>1,179.3</b>	<b>36.4</b>	<b>307.1</b>	<b>9.5</b>	<b>3,240.4</b>	<b>100.0</b>
<b>FEMALES</b>								
Professional, technical, etc.	48.3	11.1	351.6	80.8	26.0*	6.0	435.4	100.0
Administrative, executive and managerial	22.5	53.5	9.1	21.6	8.7	20.7	42.1	100.0
Clerical	379.2	48.7	345.9	44.4	41.6	5.3	779.3	100.0
Sales	224.8	89.5	16.3	6.5	5.4	2.2	251.0	100.0
Farmers, fisherpersons and timbergetters, etc.	12.8	59.1	4.6	21.3	*	*	21.6	100.0
Transport and communication	10.9	32.5	20.1	59.8	*	*	33.6	100.0
Trades and production-process workers and labourers, n.e.c.(b)	173.7	90.3	15.8	8.2	*	*	192.4	100.0
Service, sport and recreation	177.2	48.9	170.0	46.9	7.0	1.9	362.4	100.0
<b>Total</b>	<b>1,049.4</b>	<b>49.6</b>	<b>933.5</b>	<b>44.1</b>	<b>94.5</b>	<b>4.5</b>	<b>2,117.8</b>	<b>100.0</b>
<b>PERSONS</b>								
Professional, technical, etc.	126.5	13.9	651.5	71.6	112.5	12.4	909.3	100.0
Administrative, executive and managerial	137.2	42.2	81.7	25.1	94.7	29.2	324.8	100.0
Clerical	463.1	42.1	555.1	50.5	67.6	6.2	1,099.4	100.0
Sales	357.2	79.0	44.6	9.9	40.6	9.0	451.9	100.0
Farmers, fisherpersons and timbergetters, etc.	76.8	48.5	43.4	27.4	23.1	14.6	158.3	100.0
Transport and communication	121.6	49.4	111.1	45.1	9.7	3.9	246.4	100.0
Trades and production-process workers and labourers, n.e.c.(b)	1,181.0	74.1	354.6	22.2	42.6	2.7	1,593.6	100.0
Service, sport and recreation	281.1	48.9	271.0	47.2	10.8	1.9	574.4	100.0
<b>Total</b>	<b>2,744.5</b>	<b>51.2</b>	<b>2,112.9</b>	<b>39.4</b>	<b>401.5</b>	<b>7.5</b>	<b>5,358.2</b>	<b>100.0</b>

(a) Includes individuals paid at intervals other than those indicated. (b) Includes miners and quarry workers.



TABLE 17. ALL EMPLOYEES : INDUSTRY AND FREQUENCY OF PAY, AUGUST 1984

Industry	Frequency of pay							
	Weekly		Fortnightly		Monthly		Total(a)	
	('000)	(Per cent)	('000)	(Per cent)	('000)	(Per cent)	('000)	(Per cent)
<b>MALES</b>								
Agriculture, forestry, fishing, etc.	38.5	39.0	27.6	28.0	20.8	21.0	98.8	100.0
Mining	37.3	44.8	34.4	41.3	10.6	12.8	83.1	100.0
Manufacturing	580.8	73.0	119.2	15.0	89.5	11.2	795.7	100.0
Electricity, gas and water	60.2	45.4	71.3	53.8	*	*	132.7	100.0
Construction	173.3	72.0	44.1	18.3	16.4	6.8	240.6	100.0
Wholesale and retail trade	427.1	75.5	52.7	9.3	75.8	13.4	565.8	100.0
Transport and storage	99.4	41.7	121.1	50.8	13.0	5.5	238.1	100.0
Communication	*	*	97.2	98.5	*	*	98.6	100.0
Finance, property and business services	61.9	24.8	134.1	53.7	46.2	18.5	249.7	100.0
Public administration and defence	58.0	27.5	151.6	71.9	*	*	210.9	100.0
Community services	48.2	12.6	306.6	80.0	24.3	6.3	383.2	100.0
Recreation, personal and other services	109.3	76.3	19.4	13.5	8.1	5.6	143.2	100.0
<b>Total</b>	<b>1,695.1</b>	<b>52.3</b>	<b>1,179.3</b>	<b>36.4</b>	<b>307.1</b>	<b>9.5</b>	<b>3,240.4</b>	<b>100.0</b>
<b>FEMALES</b>								
Manufacturing	229.1	84.6	23.6	8.7	15.6	5.8	270.9	100.0
Wholesale and retail trade	405.1	88.7	28.5	6.2	17.5	3.8	456.9	100.0
Transport and storage	22.9	50.9	17.9	39.7	3.2	7.0	45.1	100.0
Communication	*	*	28.5	94.4	*	*	30.2	100.0
Finance, property and business services	98.5	36.9	143.4	53.7	19.5	7.3	267.0	100.0
Public administration and defence	13.7	13.0	88.7	84.1	*	*	105.5	100.0
Community services	91.5	13.2	566.8	81.7	23.9	3.4	693.6	100.0
Recreation, personal and other services	151.4	85.1	16.0	9.0	3.1	1.8	177.9	100.0
Other(b)	36.8	52.1	20.2	28.6	8.9	12.5	70.7	100.0
<b>Total</b>	<b>1,049.4</b>	<b>49.6</b>	<b>933.5</b>	<b>44.1</b>	<b>94.5</b>	<b>4.5</b>	<b>2,117.8</b>	<b>100.0</b>
<b>PERSONS</b>								
Agriculture, forestry, fishing, etc.	49.2	40.3	33.7	27.6	24.0	19.7	122.1	100.0
Mining	39.3	43.2	37.7	41.4	13.0	14.3	90.9	100.0
Manufacturing	810.0	75.9	142.9	13.4	105.1	9.9	1,066.6	100.0
Electricity, gas and water	68.1	46.5	77.2	52.6	*	*	146.5	100.0
Construction	189.4	71.2	49.1	18.5	19.5	7.3	266.2	100.0
Wholesale and retail trade	832.2	81.4	81.1	7.9	93.3	9.1	1,022.7	100.0
Transport and storage	122.3	43.2	139.0	49.1	16.1	5.7	283.2	100.0
Communication	*	*	125.7	97.6	*	*	128.8	100.0
Finance, property and business services	160.3	31.0	277.6	53.7	65.8	12.7	516.7	100.0
Public administration and defence	71.7	22.7	240.3	76.0	*	*	316.3	100.0
Community services	139.7	13.0	873.4	81.1	48.1	4.5	1,076.8	100.0
Recreation, personal and other services	260.7	81.2	35.4	11.0	11.2	3.5	321.2	100.0
<b>Total</b>	<b>2,744.5</b>	<b>51.2</b>	<b>2,112.9</b>	<b>39.4</b>	<b>401.5</b>	<b>7.5</b>	<b>5,358.2</b>	<b>100.0</b>

(a) Includes individuals paid at intervals other than those indicated. (b) Comprises agriculture, forestry, fishing, etc.; mining; electricity, gas and water; and construction.

TABLE 18. ALL EMPLOYEES : STATES AND TERRITORIES AND FREQUENCY OF PAY, AUGUST 1984

State or Territory	Frequency of pay						Total(a)	
	Weekly		Fortnightly		Monthly			
	('000)	(Per cent)	('000)	(Per cent)	('000)	(Per cent)	('000)	(Per cent)
<b>MALES</b>								
New South Wales	620.0	54.9	371.0	32.9	114.1	10.1	1,128.5	100.0
Victoria	489.0	56.1	275.0	31.5	94.4	10.8	872.0	100.0
Queensland	264.7	53.3	180.8	36.4	41.4	8.3	496.3	100.0
South Australia	133.6	48.7	118.1	43.0	19.2	7.0	274.6	100.0
Western Australia	126.8	43.6	133.1	45.7	24.7	8.5	291.0	100.0
Tasmania	36.8	40.6	45.5	50.2	6.7	7.4	90.6	100.0
Northern Territory	9.4	32.6	15.9	55.2	3.0	10.6	28.8	100.0
Australian Capital Territory	14.8	25.2	40.0	68.1	3.5	5.9	58.7	100.0
<i>Australia</i>	<i>1,695.1</i>	<i>52.3</i>	<i>1,179.3</i>	<i>36.4</i>	<i>307.1</i>	<i>9.5</i>	<i>3,240.4</i>	<i>100.0</i>
<b>FEMALES</b>								
New South Wales	400.9	53.2	303.9	40.3	36.6	4.9	754.2	100.0
Victoria	285.2	50.2	241.2	42.4	30.0	5.3	568.1	100.0
Queensland	155.2	50.2	137.3	44.4	9.7	3.1	309.2	100.0
South Australia	86.7	47.8	85.4	47.1	7.2	4.0	181.5	100.0
Western Australia	79.0	41.8	97.1	51.4	8.0	4.2	189.0	100.0
Tasmania	21.8	41.4	28.4	53.9	*	*	52.6	100.0
Northern Territory	6.7	37.5	10.3	57.9	*	*	17.8	100.0
Australian Capital Territory	14.0	31.0	30.0	66.4	*	*	45.2	100.0
<i>Australia</i>	<i>1,049.4</i>	<i>49.6</i>	<i>933.5</i>	<i>44.1</i>	<i>94.5</i>	<i>4.5</i>	<i>2,117.8</i>	<i>100.0</i>
<b>PERSONS</b>								
New South Wales	1,020.9	54.2	674.9	35.8	150.8	8.0	1,882.7	100.0
Victoria	774.2	53.8	516.2	35.8	124.3	8.6	1,440.1	100.0
Queensland	419.9	52.1	318.0	39.5	51.1	6.3	805.6	100.0
South Australia	220.3	48.3	203.5	44.6	26.4	5.8	456.1	100.0
Western Australia	205.8	42.9	230.2	48.0	32.7	6.8	480.0	100.0
Tasmania	58.6	40.9	73.8	51.6	8.5	5.9	143.2	100.0
Northern Territory	16.0	34.4	26.2	56.2	3.3	7.1	46.5	100.0
Australian Capital Territory	28.8	27.7	70.0	67.3	4.4	4.3	104.0	100.0
<i>Australia</i>	<i>2,744.5</i>	<i>51.2</i>	<i>2,112.9</i>	<i>39.4</i>	<i>401.5</i>	<i>7.5</i>	<i>5,358.2</i>	<i>100.0</i>

(a) Includes individuals paid at intervals other than those indicated.

## TECHNICAL NOTE

### Estimation procedure

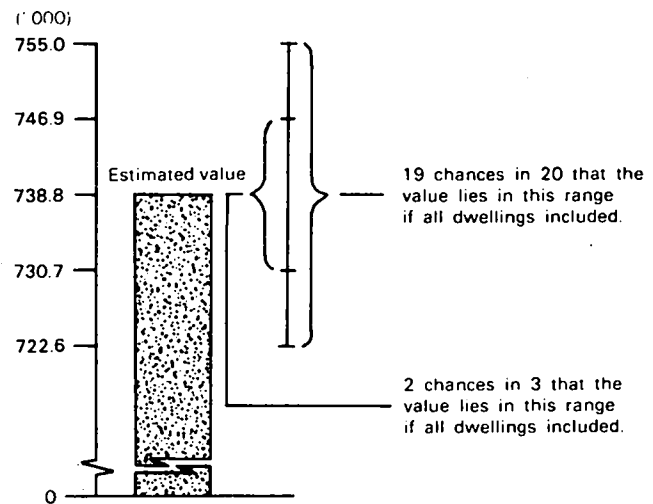
The estimates are derived from the population survey by use of a ratio estimation procedure which ensures that the estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex, rather than to the corresponding distribution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

### Reliability of the estimates

2. 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 (Table A). 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. Table B shows relative standard errors of estimates of mean and median earnings.

4. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. From Table 3 on page 8, the estimated number of females who, in August 1984, were part-time employees is 738,800. Since this estimate is between 500,000 and 1,000,000 in Table A, the standard error for Australia will be between 7,200 and 9,100 and can be approximated as 8,100 (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 730,700 to 746,900 and about nineteen chances in twenty that the value will fall within the range 722,600 to 755,000. This example is illustrated in the following diagram.



5. An example of the use of Table B is as follows: Table 3 shows the mean weekly earnings of all female part-time employees in Australia as \$137 and the number of such employees as 738,800. Table B shows the relative standard errors of estimates based on 700,000 and 1,000,000 employees to be 0.77 per cent and 0.64 per cent respectively. By interpolation the relative standard error of the estimate is about 0.75 per cent or a standard error of \$1.00 (0.75 per cent of \$137). Therefore there are about two chances in three that the mean weekly earnings of female part-time employees would fall within the range \$136.00 to \$138.00, and about nineteen chances in twenty that they would fall within the range \$135.00 to \$139.00.

6. As can be seen from the standard error tables, *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.

7. Proportions and percentages formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and the denominator. An approximate relative standard error (RSE) of a proportion may be calculated by the following formula:

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

8. Considering the example from paragraph 4, the 738,800 females employed part-time represented 34.9 per cent of all 2,117,800 female employees in August 1984. The standard error of 2,117,800 is approximately 11,200 so the relative standard error is 0.5 per cent. The relative



