



August 1988
**TRADE UNION MEMBERS
AUSTRALIA**

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**TRADE UNION MEMBERS
AUSTRALIA
AUGUST 1988**

**IAN CASTLES
Australian Statistician**

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SUMMARY OF FINDINGS

TRADE UNION MEMBERS, NOVEMBER 1976 TO AUGUST 1988

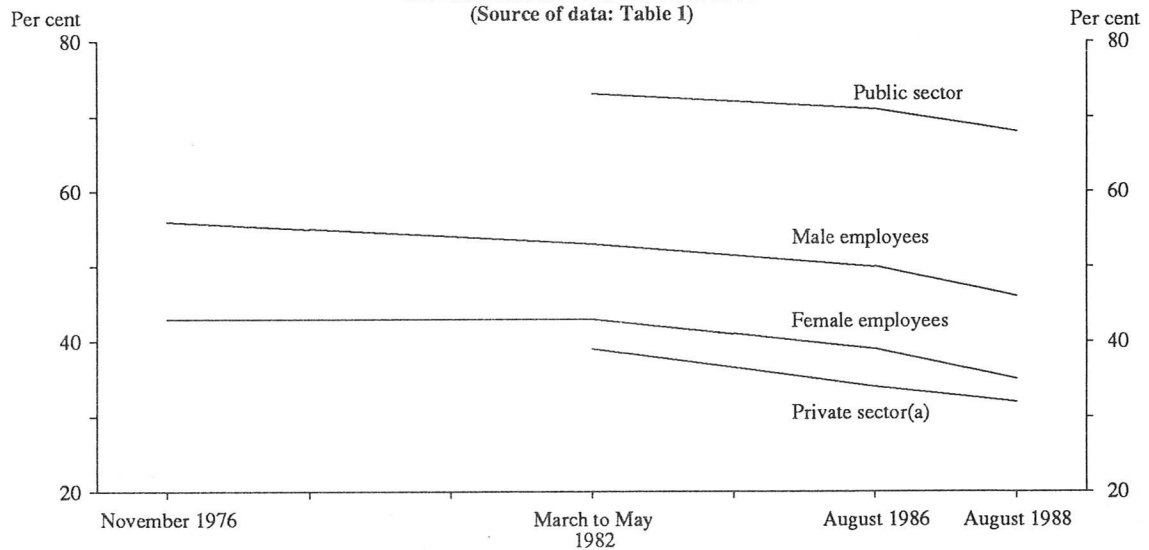
Of the 6,101,900 employees in August 1988, 42 per cent were members of a trade union.

This result continues to show the decline in union membership evident from the November 1976 survey (51 per cent) and the August 1986 survey estimates (46 per cent).

Comparisons between the States show that Queensland had recorded the largest decline in union membership. Between November 1976 and August 1988 trade union membership in Queensland has declined from 53 per cent to 39 per cent. Over the same period, the proportion in the Australian Capital Territory fell from 60 per cent to 39 per cent.

Diagram 1 illustrates the extent of the declines in union membership according to sector of employment and gender.

DIAGRAM 1. PROPORTION OF ALL EMPLOYEES WHO WERE A MEMBER OF A TRADE UNION:
SUMMARY OF SELECTED CHARACTERISTICS,
NOVEMBER 1976 TO AUGUST 1988
(Source of data: Table 1)



(a) Includes some persons for whom sector could not be determined.

Table 1 shows various categories of employees and the proportion who are members of trade unions. With the exception of the Mining industry, and those working less than 35 hours per week in their main job, the proportion of employees who are trade union members has fallen in all States, across all age groups, nearly all industries, in both public and private sector and irrespective of birthplace.

Tables 1 and 2 compare results of the 1988 survey and three previous surveys of trade union members. Changes in the level of trade union members within selected categories may be compared with the overall changes in those categories. For example:

- between November 1976 and August 1988, the number of employees in the Manufacturing industry fell by 106,200 (9 per cent) and the number in that industry who were union members fell by 133,100 (20 per cent)
- between November 1976 and August 1988, the number of employees in the Community services industry grew by 398,600 (47 per cent) and the number in that industry who were trade union members increased by 151,900 (34 per cent)
- the number of employees in the private and public sectors grew by 25 per cent and 3 per cent respectively between May 1982 and August 1988. Over the same period, the number who were members of trade unions increased by 2 per cent for the private sector, and fell by 5 per cent for the public sector.
- the number of female employees increased by 710,500 (38 per cent) between November 1976 and August 1988, whereas the number who were members of trade unions increased by 124,200 (16 per cent). For male employees, employment increased by 339,300 (11 per cent) and the number who were members of trade unions fell by 101,000 (6 per cent).

While the median age (35 years) of employees who were trade union members has not changed since 1976 the proportion of trade union members in all of the age groups has dropped. The proportion for the 15 to 24 years group has dropped from 43 per cent in 1976 to 32 per cent in 1988. The 60 to 64 years group recorded a decrease from 60 per cent in 1976 to 45 per cent in 1988, while the proportion of trade union members in the 65 and over age group fell from 24 per cent in 1976 to 9 per cent in 1988.

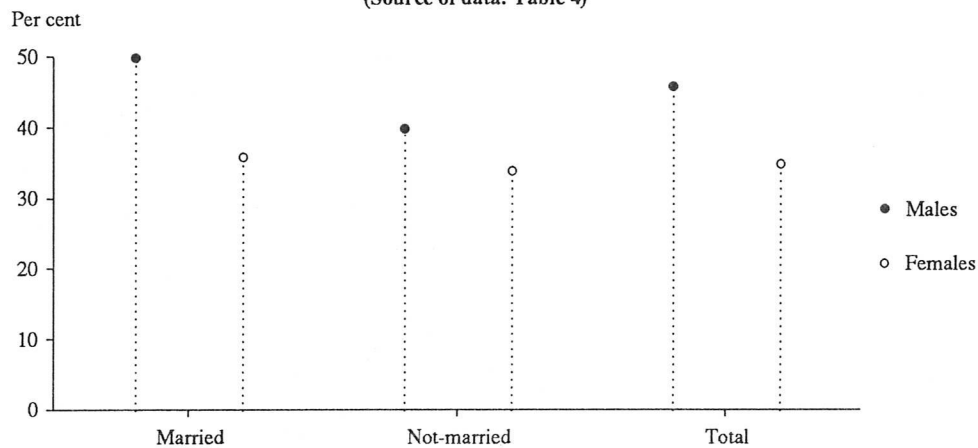
TRADE UNION MEMBERS, AUGUST 1988

Of the 6,101,900 employees in August 1988, 2,535,900 were members of a trade union in connection with their main job. This represents a drop of 58,000 trade union members from the August 1986 estimate.

Gender

- Approximately 46 per cent of males and 35 per cent of females were trade union members.

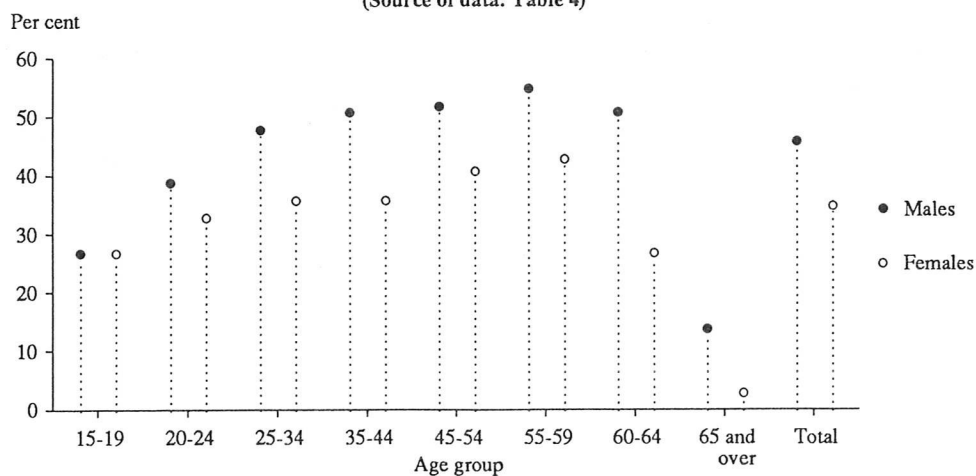
DIAGRAM 2. ALL EMPLOYEES: PROPORTION OF ALL EMPLOYEES WHO WERE MEMBERS OF A TRADE UNION, AND MARITAL STATUS, AUGUST 1988
(Source of data: Table 4)



Age

- The level of trade union membership increased with age, from 27 per cent of the 15 to 19 years grouping to peak at 51 per cent of the group aged 55 to 59 years. This trend was typical of both males and females, as shown in diagram 3.

DIAGRAM 3. ALL EMPLOYEES: PROPORTION OF ALL EMPLOYEES WHO WERE MEMBERS OF A TRADE UNION, AND AGE, AUGUST 1988
(Source of data: Table 4)



- The highest level of trade union membership was recorded in the 55 to 59 year age group (55 per cent for males, 43 per cent for females), although this age group represented only 4 per cent of all wage and salary earners.
- The age group with the greatest number of employees, 25 to 34 years (28 per cent of all employees), recorded 43 per cent trade union membership.

Sector

- Some 68 per cent of public sector and 32 per cent of private sector employees were members of a trade union.
- Trade union membership was more than twice as high in the public sector for both males (75 per cent) and females (58 per cent) compared to the private sector, 36 per cent for males and 26 per cent for females.

Full-time or part-time employees

- Approximately 46 per cent of full-time and 25 per cent of part-time employees were members of a trade union.
- While males had a higher level of membership than females overall and in full-time employment, female part-time employees recorded a higher level of membership (25 per cent) than their male counterparts (22 per cent).

Casual and permanent employees

- Approximately 50 per cent of males and 42 per cent of females who were permanent employees were members of a trade union.
- Some 21 per cent of males and 19 per cent of females employed on a casual basis were trade union members.

Hours worked in main job

- The level of union membership of employees who worked less than 35 hours per week in their main job, and those who worked more than 35 hours per week was 39 per cent and 43 per cent respectively.

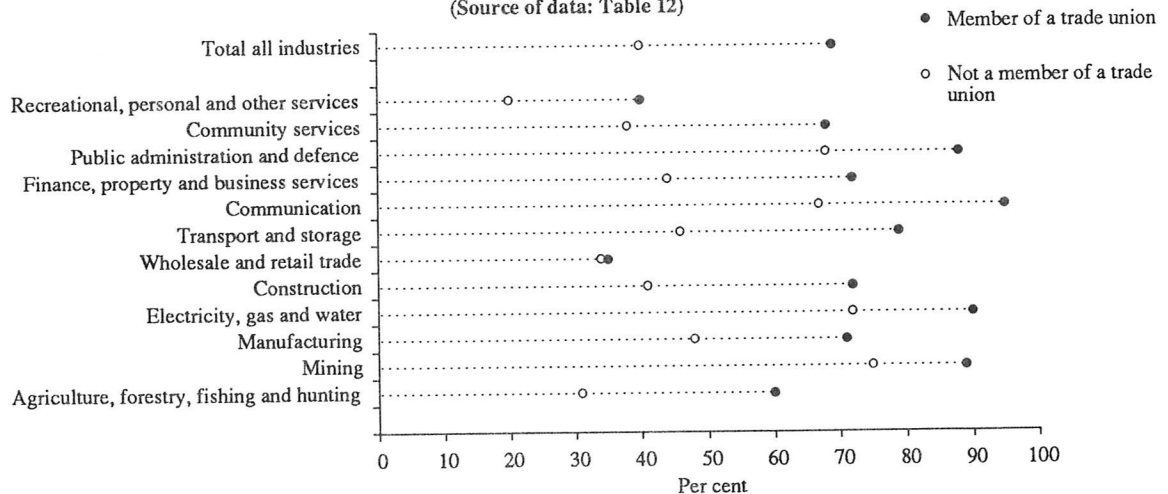
Weekly earnings

- The distribution of weekly earnings from main job shows that both male and female trade union members earn on average, more than persons who are not union members.
- Male full-time employees who were members of a trade union had mean weekly earnings of \$445, while for not union members the estimate was \$418. For male part-time employees the corresponding mean weekly earnings were \$188 and \$152 respectively.
- For female full-time employees those who were not union members had mean weekly earnings of \$340, compared with \$368 earned by union members. For female part-time employees the corresponding estimates were \$151 and \$193 respectively.

Superannuation

- The difference in the proportion of trade union members and non-members having superannuation coverage was greatest for employees in the Construction industry, (72 per cent of members and 41 per cent of non-members), and the Community services industry, (68 per cent and 38 per cent respectively).
- The smallest difference (1 per cent) was recorded for employees in the Wholesale and retail trade industries. The proportions of both members and non-members having superannuation coverage in these industries were relatively low, being 35 per cent for members and 34 per cent for non-members.

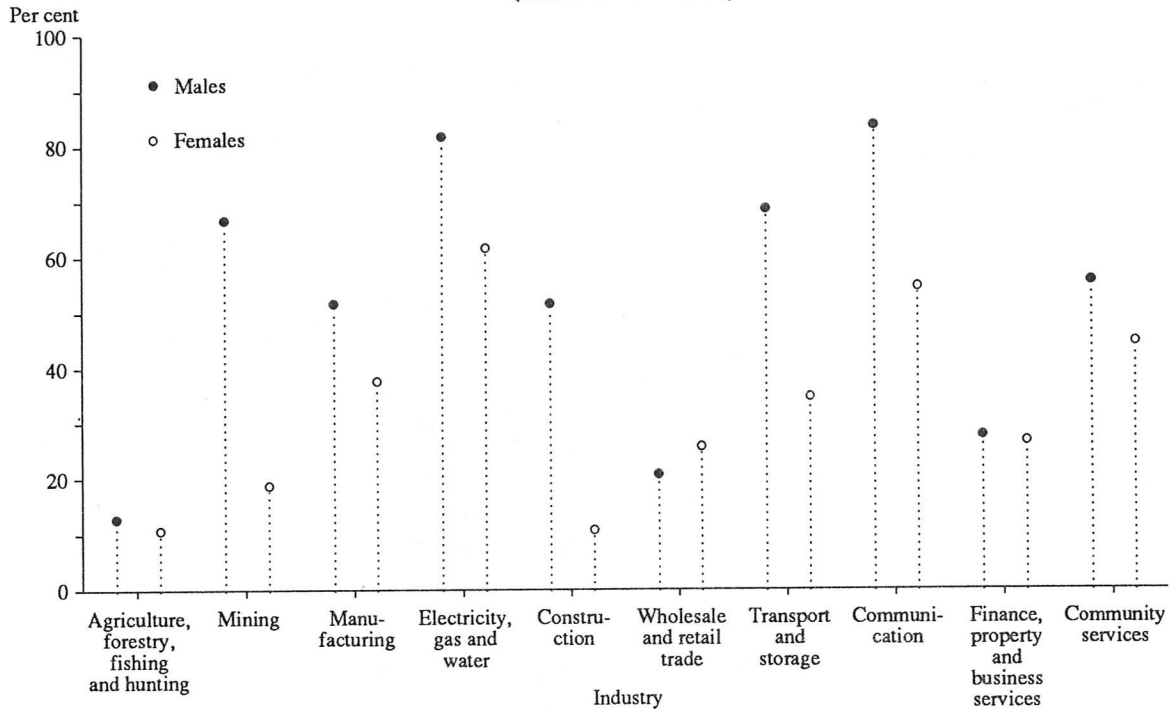
DIAGRAM 4. ALL EMPLOYEES: PROPORTION OF ALL EMPLOYEES COVERED BY SUPERANNUATION, INDUSTRY AND WHETHER A MEMBER OF A TRADE UNION, AUGUST 1988
(Source of data: Table 12)



Industry

- For the various industry divisions the highest rates of union membership were recorded in the Electricity, gas and water industry (82 per cent of male employees and 62 per cent of female employees) and the Communications industry (84 per cent and 55 per cent respectively).
- The lowest rates of union membership were recorded in the Agriculture, forestry, fishing and hunting industry division with 13 per cent of employees belonging to a union.

DIAGRAM 5. ALL EMPLOYEES: PROPORTION OF ALL EMPLOYEES WHO WERE MEMBERS OF A TRADE UNION, AND SELECTED INDUSTRIES, AUGUST 1988
(Source of data: Table 9)



Occupation

- Plant and machine operators and drivers recorded the highest level of union membership with 64 per cent of employees (66 per cent males and 54 per cent females).
- The lowest level was recorded for Managers and administrators with 19 per cent of employees (19 per cent of males and 17 per cent of females) being membership of a trade union.

TABLE 1. EMPLOYEES WHO WERE TRADE UNION MEMBERS: SUMMARY OF SELECTED CHARACTERISTICS, NOVEMBER 1976, MARCH TO MAY 1982, AUGUST 1986, AUGUST 1988

	November 1976		March to May 1982		August 1986		August 1988	
	Number of members ('000)	Proportion of all employees in same category (per cent)	Number of members ('000)	Proportion of all employees in same category (per cent)	Number of members ('000)	Proportion of all employees in same category (per cent)	Number of members ('000)	Proportion of all employees in same category (per cent)
<i>State or Territory of usual residence—</i>								
New South Wales	903.1	51	949.8	51	903.1	46	894.5	42
Victoria	678.6	50	658.5	48	695.6	46	682.4	42
Queensland	346.0	53	383.9	50	396.0	45	369.9	39
South Australia	229.2	50	227.7	50	226.8	47	228.6	46
Western Australia	204.4	50	199.9	46	210.6	41	205.1	37
Tasmania	84.3	60	86.2	58	85.6	55	85.3	52
Northern Territory	19.9	51	20.8	41	25.6	43	20.8	35
Australian Capital Territory	47.1	60	40.9	44	50.6	42	49.5	39
<i>Age group—</i>								
15-19	} 583.8	43	173.9	31	166.0	28	168.3	27
20-24			399.3	44	369.9	42	327.8	36
25-34			712.1	51	750.1	48	726.6	43
35-44			562.9	52	642.8	48	688.1	45
45-54			440.0	57	433.2	53	423.5	47
55-59			192.9	61	158.0	55	137.5	51
60-64			79.0	59	70.9	53	61.1	45
65 and over	10.8	24	7.5	25	*2.9	12	*3.0	9
<i>Industry—</i>								
Agriculture, forestry, fishing and hunting	21.5	20	21.0	20	16.9	15	16.9	13
Mining	39.2	63	68.5	64	67.0	72	56.5	63
Manufacturing	679.8	57	635.0	54	545.4	51	546.7	48
Electricity, gas and water	88.1	83	101.5	78	112.7	82	91.3	80
Construction	188.3	57	127.0	50	145.3	48	157.5	47
Wholesale and retail trade	258.3	27	253.0	28	279.4	25	287.1	23
Transport and storage	194.5	73	199.7	72	211.9	67	186.3	62
Communication	121.8	88	108.2	85	117.0	80	101.0	76
Finance, property and business services	167.6	42	194.5	42	193.2	34	185.4	28
Public administration and defence	179.1	72	211.9	63	197.9	60	195.9	61
Community services	452.1	56	536.9	54	609.8	52	604.0	49
Recreation, personal and other services	122.3	41	110.2	36	97.6	29	107.4	26
<i>Sector—</i>								
Public	n.a.	n.a.	1,202.1	73	1,238.2	71	1,146.6	68
Private(a)	n.a.	n.a.	1,365.5	39	1,355.7	34	1,389.3	32
<i>Birthplace—</i>								
Born in Australia	1,833.7	50	1,803.6	48	1,899.0	45	1,866.7	41
Born outside Australia	r678.9	r54	764.0	55	694.9	48	669.2	43
Main English speaking countries	r274.6	r47	293.3	48	293.5	44	285.0	39
United Kingdom or Ireland	248.1	r49	248.0	48	244.6	47	231.0	42
Canada, U.S.A., New Zealand or South Africa	26.5	36	47.3	43	48.9	33	54.0	30
Other countries	r401.4	r60	468.7	60	401.4	53	366.4	46
Germany	24.3	48	23.8	44	21.3	43	23.7	45
Greece	55.1	66	42.4	71	32.5	60	33.3	58
Italy	62.7	62	89.5	67	60.5	59	56.0	54
Yugoslavia	53.6	69	65.5	75	60.2	72	44.0	63
Other	208.7	58	247.6	56	227.0	48	213.9	41
<i>Permanent/Casual—</i>								
Permanent	n.a.	n.a.	n.a.	n.a.	2,388.4	51	2,308.4	47
Casual	n.a.	n.a.	n.a.	n.a.	205.5	21	227.5	20
<i>Hours worked in main job—</i>								
Less than 35 hours	n.a.	n.a.	256.8	33	663.1	40	786.2	39
35 hours or more	n.a.	n.a.	2,310.8	52	1,775.8	47	1,749.7	43
Total	2,512.7	51	2,567.6	49	2,593.9	46	2,535.9	42
Males	1,741.2	56	1,706.9	53	1,685.1	50	1,640.2	46
Females	771.5	43	860.7	43	908.8	39	895.7	35

(a) Includes some persons for whom sector could not be determined.

TABLE 2. ALL EMPLOYEES: SUMMARY OF SELECTED CHARACTERISTICS,
NOVEMBER 1976, MARCH TO MAY 1982, AUGUST 1986, AUGUST 1988

	November 1976		March to May 1982		August 1986		August 1988	
	Number of employees ('000)	Proportion of all employees (per cent)	Number of employees ('000)	Proportion of all employees (per cent)	Number of employees ('000)	Proportion of all employees (per cent)	Number of employees ('000)	Proportion of all employees (per cent)
<i>State or Territory of usual residence—</i>								
New South Wales	1,793.0	35	1,850.8	36	1,958.7	34	2,137.7	35
Victoria	1,383.9	27	1,386.2	27	1,524.5	27	1,617.5	27
Queensland	696.7	14	767.7	15	870.9	15	944.4	15
South Australia	484.5	10	456.0	9	481.9	8	496.3	8
Western Australia	433.6	9	436.2	8	513.0	9	556.2	9
Tasmania	140.7	3	147.7	3	155.5	3	163.9	3
Northern Territory	38.9	1	50.9	1	59.7	1	60.2	1
Australian Capital Territory	80.8	2	92.2	2	119.2	2	125.7	2
<i>Age group—</i>								
15-19	591.4	12	558.8	11	595.7	10	628.1	10
20-24	795.4	16	897.4	17	887.3	16	902.9	15
25-34	1,281.5	25	1,398.8	27	1,576.2	28	1,694.6	28
35-44	951.5	19	1,077.2	21	1,352.8	24	1,541.5	25
45-54	894.8	18	774.3	15	823.7	14	898.0	15
55-59	304.0	6	316.3	6	288.1	5	267.2	4
60-64	179.5	4	135.0	3	134.0	2	136.8	2
65 and over	53.9	1	30.0	1	25.5	1	32.7	1
<i>Industry—</i>								
Agriculture, forestry, fishing and hunting	116.8	2	106.9	2	116.0	2	131.8	2
Mining	74.3	1	107.1	2	93.7	2	89.9	1
Manufacturing	1,233.8	24	1,177.6	23	1,064.3	19	1,127.6	18
Electricity, gas and water	101.0	2	130.3	3	136.8	2	113.6	2
Construction	357.1	7	252.5	5	302.7	5	334.2	5
Wholesale and retail trade	966.7	19	918.0	18	1,100.3	19	1,232.8	20
Transport and storage	261.4	5	276.7	5	314.5	6	299.0	5
Communication	125.1	2	127.9	2	145.6	3	132.7	2
Finance, property and business services	401.6	8	462.4	9	575.1	10	673.9	11
Public administration and defence	278.3	6	333.9	6	327.4	6	322.5	5
Community services	839.8	17	989.3	19	1,164.6	20	1,238.4	20
Recreation, personal and other services	296.1	6	305.3	6	342.2	6	405.4	7
<i>Sector—</i>								
Public	n.a.	n.a.	1,649.2	32	1,753.3	31	1,692.7	28
Private(a)	n.a.	n.a.	3,538.7	68	3,930.1	69	4,409.2	72
<i>Birthplace—</i>								
Born in Australia	n.a.	n.a.	3,788.3	73	4,249.9	75	4,539.3	74
Born outside Australia	n.a.	n.a.	1,399.6	27	1,433.4	25	1,562.6	26
Main English speaking countries	n.a.	n.a.	620.8	12	671.0	12	726.9	12
United Kingdom or Ireland	n.a.	n.a.	511.5	10	524.1	9	549.2	9
Canada, U.S.A., New Zealand or South Africa	n.a.	n.a.	109.3	2	146.8	3	177.7	3
Other countries	n.a.	n.a.	778.7	15	762.4	13	835.7	14
Germany	n.a.	n.a.	54.1	1	49.6	1	53.1	1
Greece	n.a.	n.a.	59.5	1	53.9	1	57.4	1
Italy	n.a.	n.a.	133.9	3	102.2	2	102.7	2
Yugoslavia	n.a.	n.a.	87.5	2	83.8	1	69.7	1
Other	n.a.	n.a.	443.6	9	473.0	8	552.8	9
<i>Permanent/Casual—</i>								
Permanent	n.a.	n.a.	n.a.	n.a.	4,704.1	83	4,949.0	81
Casual	n.a.	n.a.	n.a.	n.a.	979.3	17	1,152.9	19
<i>Hours worked in main job—</i>								
Less than 35 hours	n.a.	n.a.	779.1	15	1,648.1	29	2,041.7	33
35 hours or more	n.a.	n.a.	4,408.8	85	3,752.9	66	4,060.2	67
Total	5,052.1	100	5,187.9	100	5,683.4	100	6,101.9	100
Males	3,204.2	63	3,194.4	62	3,361.0	59	3,543.5	58
Females	1,847.9	37	1,993.4	38	2,322.4	41	2,558.4	42

(a) Includes some persons for whom sector could not be determined.

TABLE 3. ALL EMPLOYEES : SUMMARY OF SELECTED CHARACTERISTICS, MEAN WEEKLY EARNINGS IN MAIN JOB, WHETHER A MEMBER OF A TRADE UNION AND FULL-TIME OR PART-TIME EMPLOYEE, AUGUST 1988
(Dollars)

	Member of a trade union			Not a member of a trade union			Total(a)		
	Full-time employees	Part-time employees	Total(b)	Full-time employees	Part-time employees	Total(b)	Full-time employees	Part-time employees	Total(b)
<i>State or territory of usual residence --</i>									
New South Wales	464	221	439	443	167	376	451	179	402
Victoria	443	199	416	438	184	373	439	188	391
Queensland	465	153	427	397	161	333	426	159	370
South Australia	440	219	407	420	165	343	430	181	372
Western Australia	483	238	452	427	160	355	450	177	391
Tasmania	449	171	408	412	142	324	433	152	368
Northern Territory	540	268	512	479	188	425	502	205	456
Australian Capital Territory	552	192	511	493	182	411	518	184	450
<i>Age group --</i>									
15 - 19	246	75	187	219	66	163	226	68	170
20 - 24	396	210	380	353	162	323	369	174	344
25 - 34	469	239	447	468	192	408	468	203	425
35 - 44	504	244	474	507	202	421	505	213	444
45 - 54	483	239	460	494	207	416	488	215	437
55 - 59	464	211	441	448	199	379	457	201	410
60 - 64	447	300	441	452	192	363	450	205	399
65 and over	582	194	485	426	127	258	451	133	280
<i>Occupation --</i>									
Managers and administrators	611	356	609	578	245	563	583	252	570
Professionals	583	319	558	607	257	546	596	274	551
Para-professionals	525	313	500	475	233	416	502	261	459
Tradespersons	455	307	453	366	194	357	411	212	404
Clerks	405	226	390	366	197	317	380	201	341
Salespersons and personal service workers	350	150	267	386	138	277	374	142	274
Plant and machine operators, and drivers	462	261	457	401	199	373	442	216	428
Labourers and related workers	397	176	361	321	121	239	364	135	298
<i>Industry --</i>									
Agriculture, forestry, fishing and hunting	433	231	407	314	185	305	330	190	318
Mining	703	760	703	617	183	601	672	303	666
Manufacturing	419	244	414	434	197	406	425	205	409
Electricity, gas and water	487	238	485	489	230	474	486	233	482
Construction	487	338	486	424	226	393	456	236	437
Wholesale and retail trade	351	118	269	400	122	320	389	121	308
Transport and storage	505	266	501	454	215	416	488	226	469
Communication	452	290	448	431	153	388	448	206	434
Finance, property and business services	425	206	398	494	209	438	472	208	426
Public administration and defence	478	257	470	456	285	431	469	277	454
Community services	497	277	462	445	197	345	475	219	402
Recreation, personal and other services	414	195	333	369	136	262	381	149	281
<i>Manual/non-manual status --</i>									
Manual	437	193	419	357	137	306	402	151	365
Non-manual	484	208	441	469	182	392	474	189	409
<i>Sector --</i>									
Public	481	267	464	462	209	396	475	232	442
Private(c)	441	177	402	426	162	358	430	165	372
<i>Birthplace --</i>									
Born in Australia	464	197	431	421	163	351	440	172	384
Born outside Australia	449	228	428	461	191	403	455	200	414
Main English speaking countries	487	231	460	487	196	424	487	204	438
Other countries	421	226	405	437	186	383	428	196	393
Total	460	204	430	432	169	364	444	177	391
Males	484	188	475	469	152	439	476	160	455
Females	400	207	348	363	173	279	377	181	303

(a) Includes persons who did not know their membership status. (b) Includes persons for whom full-time or part-time status could not be determined. (c) Includes persons for whom sector could not be determined.

TABLE 4. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, AGE AND MARITAL STATUS, AUGUST 1988

Age group	Males			Females			Persons		
	Married	Not-married	Total	Married	Not-married	Total	Married	Not-married	Total
MEMBER OF A TRADE UNION									
--'000--									
15 - 19	* 1.3	83.7	85.0	3.9	79.4	83.3	5.2	163.1	168.3
20 - 24	36.5	151.4	187.8	43.4	96.6	140.0	79.9	247.9	327.8
25 - 34	330.8	151.8	482.5	157.7	86.4	244.1	488.5	238.1	726.6
35 - 44	376.8	73.3	450.0	188.3	49.8	238.1	565.0	123.1	688.1
45 - 54	237.0	40.7	277.7	110.3	35.5	145.8	347.3	76.2	423.5
55 - 59	90.5	12.0	102.6	24.4	10.5	34.9	115.0	22.5	137.5
60 - 64	42.1	9.7	51.9	4.3	4.9	9.3	46.5	14.6	61.1
65 and over	* 2.0	* 0.7	* 2.7	* 0.4	* 0.0	* 0.4	* 2.3	* 0.7	* 3.0
Total	1,117.0	523.2	1,640.2	532.6	363.1	895.7	1,649.6	886.3	2,535.9
NOT A MEMBER OF A TRADE UNION									
--'000--									
15 - 19	* 1.9	225.6	227.4	5.0	216.0	221.0	6.9	441.5	448.4
20 - 24	46.4	237.9	284.3	82.2	191.3	273.4	128.6	429.1	557.7
25 - 34	330.5	182.2	512.7	289.4	148.3	437.7	619.9	330.6	950.5
35 - 44	372.6	57.7	430.4	339.8	73.4	413.1	712.4	131.1	843.5
45 - 54	222.8	33.4	256.2	172.8	38.9	211.7	395.6	72.3	467.9
55 - 59	72.5	9.6	82.1	36.6	9.7	46.3	109.1	19.3	128.4
60 - 64	43.1	6.9	50.0	16.4	8.7	25.1	59.5	15.6	75.1
65 and over	13.6	* 3.1	16.7	6.0	6.7	12.7	19.6	9.8	29.4
Total	1,103.5	756.4	1,859.9	948.0	693.0	1,641.0	2,051.5	1,449.4	3,500.9
TOTAL(a)									
--'000--									
15 - 19	3.6	314.5	318.1	8.9	301.2	310.0	12.4	615.7	628.1
20 - 24	85.2	396.6	481.8	126.0	295.1	421.1	211.2	691.7	902.9
25 - 34	668.7	339.9	1,008.6	448.6	237.4	686.0	1,117.3	577.4	1,694.6
35 - 44	756.1	132.5	888.6	528.9	123.9	652.9	1,285.1	256.5	1,541.5
45 - 54	464.2	74.8	539.0	283.9	75.1	359.0	748.1	150.0	898.0
55 - 59	163.8	21.6	185.4	61.6	20.2	81.8	225.4	41.8	267.2
60 - 64	85.7	16.6	102.3	20.9	13.6	34.5	106.5	30.3	136.8
65 and over	15.9	3.8	19.7	6.3	6.7	13.0	22.2	10.5	32.7
Total	2,243.1	1,300.4	3,543.5	1,485.1	1,073.3	2,558.4	3,728.2	2,373.8	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
-- per cent --									
15 - 19	37	27	27	43	26	27	42	26	27
20 - 24	43	38	39	34	33	33	38	36	36
25 - 34	49	45	48	35	36	36	44	41	43
35 - 44	50	55	51	36	40	36	44	48	45
45 - 54	51	54	52	39	47	41	46	51	47
55 - 59	55	56	55	40	52	43	51	54	51
60 - 64	49	59	51	21	36	27	44	48	45
65 and over	12	18	14	6	0	3	11	7	9
Total	50	40	46	36	34	35	44	37	42

(a) Includes persons who did not know their membership status.

TABLE 5. ALL EMPLOYEES : FULL-TIME OR PART-TIME EMPLOYEE, WEEKLY EARNINGS IN MAIN JOB AND WHETHER A MEMBER OF A TRADE UNION, AUGUST 1988

Weekly earnings(\$)	Males			Females			Persons		
	Member of a trade union	Not a member of a trade union	Total(a)	Member of a trade union	Not a member of a trade union	Total(a)	Member of a trade union	Not a member of a trade union	Total(a)
FULL-TIME EMPLOYEES									
-- '000 --									
Under 160	12.6	73.2	87.1	13.1	48.2	62.8	25.7	121.4	149.9
160 and under 200	18.9	53.2	73.4	15.6	50.5	68.1	34.5	103.6	141.5
200 and under 240	31.1	68.2	101.5	30.8	60.1	92.9	62.0	128.3	194.4
240 and under 280	52.0	99.8	155.2	61.5	91.2	155.3	113.5	191.1	310.5
280 and under 320	113.2	150.4	268.8	97.2	132.7	231.9	210.4	283.1	500.7
320 and under 360	184.4	159.4	348.7	90.0	133.2	225.6	274.4	292.6	574.3
360 and under 400	179.8	154.4	338.5	74.6	95.9	173.1	254.4	250.3	511.6
400 and under 440	178.3	156.7	339.9	57.8	82.4	141.6	236.1	239.1	481.5
440 and under 480	140.2	106.0	250.5	41.1	55.1	96.2	181.4	161.0	346.6
480 and under 520	140.2	113.3	256.0	46.9	49.8	97.1	187.1	163.0	353.1
520 and under 560	118.8	90.7	210.5	42.7	32.0	74.8	161.5	122.7	285.3
560 and under 600	82.8	69.9	154.4	21.0	21.5	43.1	103.7	91.4	197.5
600 and under 640	73.5	65.7	140.5	20.9	13.3	34.5	94.3	79.0	175.0
640 and under 680	47.8	46.8	95.1	12.3	8.7	21.0	60.1	55.5	116.1
680 and under 720	44.8	49.2	94.6	6.1	5.6	11.7	50.9	54.7	106.3
720 and under 760	37.1	37.1	74.3	5.6	5.6	11.2	42.7	42.7	85.4
760 and under 800	42.7	55.4	98.5	5.0	7.2	12.3	47.8	62.6	110.7
800 and over	81.6	115.0	197.5	7.4	11.8	19.3	89.0	126.8	216.8
Total	1,579.8	1,664.4	3,284.9	649.6	904.7	1,572.3	2,229.4	2,569.1	4,857.2
-- dollars --									
Median weekly earnings	445	418	431	368	340	350	423	385	403
Mean weekly earnings	484	469	476	400	363	377	460	432	444
PART-TIME EMPLOYEES									
-- '000 --									
Under 40	7.1	34.1	41.6	10.4	70.5	81.5	17.5	104.7	123.1
40 and under 80	9.9	37.2	47.3	21.4	98.6	120.7	31.3	135.7	168.0
80 and under 120	5.0	21.3	26.5	23.7	95.7	120.2	28.7	117.0	146.7
120 and under 160	3.6	17.2	20.9	35.6	99.7	135.6	39.2	116.9	156.5
160 and under 200	* 3.1	9.2	12.3	28.6	82.1	111.1	31.7	91.3	123.4
200 and under 240	* 2.5	13.6	16.2	32.2	76.8	109.4	34.7	90.5	125.7
240 and under 280	4.2	6.1	10.3	25.8	57.9	84.0	29.9	64.0	94.2
280 and under 320	3.5	5.7	9.7	18.3	40.7	59.0	21.8	46.4	68.6
320 and under 360	* 2.4	5.2	7.7	12.1	20.2	32.4	14.5	25.4	40.1
360 and under 400	* 1.4	3.9	5.3	6.8	15.5	22.3	8.1	19.4	27.6
400 and over	5.1	11.3	16.6	14.2	24.6	38.7	19.2	35.9	55.3
Total	47.6	164.9	214.4	229.1	682.4	914.9	276.8	847.3	1,129.3
-- dollars --									
Median weekly earnings	139	115	116	192	150	159	186	142	151
Mean weekly earnings	188	152	160	207	173	181	204	169	177
TOTAL(b)									
-- '000 --									
Under 160	40.9	192.1	235.9	109.4	434.7	548.1	150.3	626.8	784.1
160 and under 200	22.7	64.1	88.2	45.4	139.0	186.9	68.2	203.1	275.2
200 and under 240	33.6	84.7	120.7	64.6	141.2	208.1	98.2	225.9	328.7
240 and under 280	57.1	108.9	169.4	88.4	154.0	245.2	145.4	263.0	414.6
280 and under 320	117.5	158.8	282.2	117.3	179.8	299.1	234.8	338.6	581.3
320 and under 360	188.5	167.0	360.5	104.0	157.6	264.0	292.5	324.7	624.6
360 and under 400	182.4	158.7	345.3	82.1	113.0	197.8	264.5	271.6	543.1
400 and under 440	180.6	159.9	345.4	61.5	91.6	154.5	242.1	251.5	499.9
440 and under 480	141.9	108.4	254.7	44.0	59.1	103.1	185.9	167.5	357.8
480 and under 520	141.5	116.9	260.8	51.2	54.7	106.4	192.7	171.6	367.2
520 and under 560	119.7	92.6	213.4	44.8	34.1	78.9	164.5	126.7	292.3
560 and under 600	83.6	71.0	156.4	22.2	22.7	45.5	105.9	93.8	201.9
600 and under 640	73.9	66.6	141.7	22.2	14.7	37.3	96.1	81.3	179.0
640 and under 680	47.8	47.4	95.7	13.4	10.0	23.3	61.2	57.4	119.0
680 and under 720	45.0	50.1	95.8	6.1	6.0	12.1	51.2	56.1	107.9
720 and under 760	37.5	37.2	74.8	6.4	6.4	12.7	43.9	43.6	87.5
760 and under 800	43.2	55.5	99.1	5.0	8.5	13.5	48.2	64.0	112.6
800 and over	82.8	119.8	203.5	7.5	14.0	21.7	90.3	133.8	225.1
Total	1,640.2	1,859.9	3,543.5	895.7	1,641.0	2,558.4	2,535.9	3,500.9	6,101.9
-- dollars --									
Median weekly earnings	438	398	419	328	266	291	401	324	362
Mean weekly earnings	475	439	455	348	279	303	430	364	391

(a) Includes persons who did not know their membership status. (b) Includes persons for whom full-time or part-time status could not be determined.

TABLE 6. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION,
HOURS WORKED AND SECTOR, AUGUST 1988

Hours worked in main job	Males			Females			Persons		
	Public	Private	Total(a)	Public	Private	Total(a)	Public	Private	Total(a)
MEMBER OF A TRADE UNION									
	--'000--								
Under 1	54.1	48.7	102.8	32.0	27.0	58.9	86.1	75.7	161.8
1 or more	668.2	869.1	1,537.3	392.3	444.5	836.8	1,060.5	1,313.6	2,374.1
1-14	9.5	25.9	35.4	18.2	60.0	78.2	27.7	85.9	113.6
15-19	10.3	10.4	20.7	23.2	30.5	53.7	33.5	40.9	74.4
20-24	19.6	22.2	41.7	28.6	37.6	66.2	48.2	59.8	108.0
25-29	17.9	14.3	32.2	19.0	26.1	45.2	36.9	40.5	77.3
30-34	84.2	66.3	150.5	54.1	46.5	100.6	138.3	112.8	251.1
35	31.4	27.2	58.5	24.9	14.0	39.0	56.3	41.2	97.5
36-39	185.1	147.8	332.9	82.7	82.4	165.1	267.8	230.2	498.0
40	143.2	218.7	361.9	76.8	86.6	163.4	220.1	305.3	525.3
41-44	49.9	77.0	126.9	17.1	27.7	44.8	67.0	104.7	171.7
45-48	57.6	115.0	172.7	22.8	14.9	37.7	80.5	129.9	210.4
49 and over	59.7	144.3	204.0	24.6	18.2	42.8	84.3	162.6	246.9
Total	722.3	917.8	1,640.2	424.2	471.5	895.7	1,146.6	1,389.3	2,535.9
NOT A MEMBER OF A TRADE UNION									
	--'000--								
Under 1	15.3	61.5	76.9	13.8	55.8	69.7	29.2	117.4	146.5
1 or more	221.5	1,561.5	1,783.0	282.9	1,288.5	1,571.3	504.4	2,850.0	3,354.4
1-14	7.9	91.8	99.7	44.3	266.3	310.6	52.2	358.1	410.3
15-19	5.0	28.3	33.2	22.4	95.8	118.2	27.4	124.1	151.4
20-24	7.9	39.9	47.8	32.8	113.8	146.6	40.7	153.7	194.4
25-29	5.4	17.4	22.8	13.8	68.9	82.8	19.2	86.3	105.6
30-34	20.4	79.4	99.8	31.6	100.7	132.3	52.0	180.1	232.1
35	10.5	33.3	43.7	15.5	58.0	73.5	26.0	91.3	117.2
36-39	50.4	188.5	238.9	51.8	182.1	233.9	102.2	370.6	472.8
40	55.9	414.7	470.6	43.6	224.4	268.0	99.5	639.1	738.6
41-44	11.8	104.8	116.6	9.3	56.7	66.1	21.1	161.5	182.6
45-48	18.7	169.3	188.0	9.0	56.1	65.0	27.6	225.4	253.0
49 and over	27.7	394.3	422.0	8.7	65.6	74.4	36.5	459.9	496.3
Total	236.8	1,623.1	1,859.9	296.7	1,344.3	1,641.0	533.5	2,967.4	3,500.9
TOTAL(b)									
	--'000--								
Under 1	69.5	111.8	181.3	46.0	83.6	129.7	115.5	195.4	311.0
1 or more	896.7	2,465.6	3,362.2	680.5	1,748.2	2,428.7	1,577.2	4,213.8	5,791.0
1-14	17.4	118.8	136.2	62.6	327.9	390.5	79.9	446.7	526.7
15-19	15.2	39.2	54.4	45.9	127.0	172.9	61.2	166.2	227.4
20-24	27.8	62.6	90.4	61.9	152.2	214.1	89.7	214.9	304.6
25-29	23.5	32.5	56.0	33.7	95.2	128.9	57.2	127.7	184.9
30-34	105.2	148.1	253.3	86.1	148.0	234.1	191.3	296.1	487.4
35	42.8	62.1	104.9	41.0	73.5	114.4	83.8	135.6	219.4
36-39	237.7	340.9	578.6	135.6	268.4	404.1	373.3	609.4	982.7
40	200.6	644.8	845.4	121.8	315.0	436.8	322.5	959.7	1,282.2
41-44	62.1	184.0	246.1	26.7	85.3	111.9	88.8	269.3	358.1
45-48	76.3	288.8	365.1	31.8	71.0	102.8	108.1	359.8	467.9
49 and over	88.1	543.8	631.8	33.3	84.8	118.1	121.4	628.5	749.9
Total	966.2	2,577.4	3,543.5	726.6	1,831.9	2,558.4	1,692.7	4,409.2	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
	-- per cent --								
Under 1	78	44	57	69	32	45	75	39	52
1 or more	75	35	46	58	25	34	67	31	41
1-14	55	22	26	29	18	20	35	19	22
15-19	67	27	38	51	24	31	55	25	33
20-24	70	35	46	46	25	31	54	28	35
25-29	76	44	57	56	27	35	64	32	42
30-34	80	45	59	63	31	43	72	38	52
35	73	44	56	61	19	34	67	30	44
36-39	78	43	58	61	31	41	72	38	51
40	71	34	43	63	27	37	68	32	41
41-44	80	42	52	64	32	40	75	39	48
45-48	76	40	47	72	21	37	74	36	45
49 and over	68	27	32	74	22	36	69	26	33
Total	75	36	46	58	26	35	68	32	42

(a) Includes persons for whom sector could not be determined. (b) Includes persons who did not know their membership status.

TABLE 7. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, TYPE OF EMPLOYMENT
BENEFITS RECEIVED AND WHETHER ABOVE OR BELOW MEDIAN WEEKLY EARNINGS(a), AUGUST 1988
(*000)

Type of benefits received	Males			Females			Persons		
	Median weekly earnings \$419			Median weekly earnings \$291			Median weekly earnings \$362		
	Below	Above	Total	Below	Above	Total	Below	Above	Total
MEMBER OF A TRADE UNION									
Total	642.7	997.5	1,640.2	307.8	587.9	895.7	989.4	1,546.5	2,535.9
No benefits	31.7	19.3	51.0	53.5	18.5	72.0	90.6	32.4	123.0
Holiday expenses	25.8	74.3	100.1	3.9	25.6	29.5	28.0	101.6	129.5
Low interest finance	17.1	49.5	66.7	7.3	25.5	32.8	25.0	74.5	99.4
Goods and services	97.0	115.8	212.8	82.1	76.1	158.2	195.2	175.8	371.0
Housing	15.6	48.3	63.9	* 1.6	11.3	12.9	14.3	62.5	76.8
Electricity	6.2	17.4	23.6	* 0.5	7.6	8.0	5.2	26.4	31.6
Telephone	24.5	121.2	145.7	* 1.6	12.5	14.1	23.1	136.8	159.9
Transport	66.6	213.6	280.2	7.8	22.1	29.9	56.4	253.7	310.1
Medical	13.6	44.3	57.8	4.8	18.4	23.2	19.9	61.2	81.1
Union dues	15.5	27.6	43.1	* 2.0	10.3	12.2	14.8	40.6	55.4
Club fees	* 2.1	9.8	11.9	* 0.9	* 1.7	* 2.6	* 2.3	12.2	14.5
Entertainment allowance	* 1.9	17.5	19.4	* 0.1	* 3.0	* 3.0	* 1.7	20.8	22.5
Shares	11.7	36.6	48.3	* 1.9	10.6	12.5	13.1	47.7	60.8
Study leave	7.6	22.9	30.5	* 2.7	16.3	18.9	11.5	38.0	49.4
Superannuation	349.3	757.1	1,106.4	75.1	335.5	410.5	420.5	1,096.5	1,517.0
Child care/education expenses	* 0.7	* 2.8	3.5	* 0.3	* 0.8	* 1.0	* 1.0	3.6	4.6
Sick leave	580.1	958.5	1,538.6	195.1	553.4	748.4	803.1	1,483.9	2,287.0
Annual leave	580.4	959.8	1,540.2	189.3	548.3	737.6	795.3	1,482.4	2,277.7
Long service leave	510.4	904.3	1,414.7	163.9	518.1	682.1	697.9	1,398.8	2,096.8
NOT A MEMBER OF A TRADE UNION									
Total	934.3	925.5	1,859.9	868.8	772.2	1,641.0	1,981.9	1,519.0	3,500.9
No benefits	166.3	45.7	212.0	353.0	66.7	419.7	544.3	87.4	631.7
Holiday expenses	14.7	46.6	61.2	5.7	22.2	27.9	24.6	64.6	89.1
Low interest finance	10.1	44.4	54.4	3.9	16.2	20.1	16.7	57.9	74.5
Goods and services	147.9	136.1	284.0	147.3	133.6	281.0	336.5	228.4	564.9
Housing	52.9	48.5	101.4	15.0	12.3	27.3	65.9	62.9	128.7
Electricity	43.8	28.6	72.5	14.8	10.2	25.0	58.5	39.0	97.5
Telephone	74.4	199.1	273.5	39.8	34.3	74.0	111.4	236.1	347.6
Transport	140.4	369.1	509.6	43.8	69.7	113.5	172.4	450.6	623.1
Medical	18.9	61.1	79.9	11.0	22.5	33.6	35.0	78.5	113.5
Union dues	12.2	57.6	69.8	* 2.5	12.0	14.4	13.6	70.7	84.3
Club fees	9.6	43.1	52.8	* 2.5	6.3	8.8	10.7	50.9	61.6
Entertainment allowance	9.1	64.4	73.5	* 1.2	6.2	7.4	8.9	71.9	80.8
Shares	18.0	60.3	78.3	8.5	19.0	27.6	28.3	77.6	105.9
Study leave	14.0	29.0	42.9	9.9	15.1	24.9	26.1	41.8	67.9
Superannuation	189.1	493.9	682.9	73.3	234.7	307.9	287.8	703.1	990.9
Child care/education expenses	* 3.3	6.8	10.1	* 3.0	* 2.5	5.5	6.9	8.7	15.6
Sick leave	663.5	816.6	1,480.1	347.9	655.0	1,002.9	1,144.3	1,338.7	2,483.1
Annual leave	676.2	830.4	1,506.6	360.4	660.3	1,020.7	1,172.3	1,355.0	2,527.2
Long service leave	405.2	648.8	1,054.0	200.0	484.4	684.4	703.1	1,035.4	1,738.4
TOTAL(b)									
Total	1,602.3	1,941.2	3,543.5	1,188.4	1,370.0	2,558.4	3,008.5	3,093.4	6,101.9
No benefits	200.3	65.7	266.0	408.8	85.4	494.2	639.6	120.5	760.2
Holiday expenses	40.6	121.8	162.4	9.9	48.1	58.0	53.1	167.3	220.4
Low interest finance	27.9	94.3	122.2	11.2	41.9	53.1	42.3	133.0	175.3
Goods and services	249.6	254.5	504.1	231.3	211.5	442.8	538.6	408.4	946.9
Housing	68.9	97.9	166.8	16.6	23.7	40.2	80.5	126.5	207.0
Electricity	50.4	46.6	97.0	15.3	17.7	33.0	64.1	66.0	130.1
Telephone	99.9	322.5	422.3	41.4	47.0	88.4	135.4	375.4	510.7
Transport	210.1	588.1	798.2	51.6	91.9	143.5	231.0	710.8	941.8
Medical	32.6	106.0	138.6	16.4	41.4	57.9	55.6	140.9	196.4
Union dues	27.7	85.4	113.1	4.4	22.5	26.9	28.4	111.7	140.1
Club fees	11.7	53.5	65.3	* 3.4	8.0	11.4	13.1	63.6	76.7
Entertainment allowance	11.3	82.9	94.3	* 1.3	9.1	10.4	10.9	93.7	104.7
Shares	30.2	97.9	128.2	10.4	29.7	40.2	41.7	126.7	168.3
Study leave	22.2	52.1	74.4	12.8	31.4	44.1	38.4	80.1	118.5
Superannuation	542.6	1,260.3	1,802.9	150.1	573.2	723.3	713.5	1,812.8	2,526.3
Child care/education expenses	4.2	9.6	13.8	* 3.3	* 3.3	6.5	8.0	12.3	20.3
Sick leave	1,265.3	1,791.1	3,056.4	550.3	1,218.0	1,768.3	1,976.5	2,848.2	4,824.7
Annual leave	1,277.6	1,806.8	3,084.4	558.3	1,218.4	1,776.8	1,997.8	2,863.4	4,861.2
Long service leave	925.5	1,565.7	2,491.2	369.0	1,007.8	1,376.8	1,414.6	2,453.4	3,867.9

(a) As weekly earnings are collected in ranges the population listed as below median weekly earnings contains all persons who earned an income in the median range or below. The population above median weekly earnings contains all other persons. (b) Includes persons who did not know their membership status.

TABLE 8. ALL EMPLOYEES : INDUSTRY, FULL-TIME OR PART-TIME EMPLOYEE AND WHETHER A MEMBER OF A TRADE UNION, AUGUST 1988 ('000)

Industry	Full-time employees			Part-time employees			Total(a)		
	Member	Not a	Total(b)	Member	Not a	Total(b)	Member	Not a	Total(b)
	of a trade union	member of a trade union		of a trade union	member of a trade union		of a trade union	member of a trade union	
AGRICULTURE, FORESTRY, FISHING AND HUNTING									
HUNTING	13.4	83.3	96.9	* 2.3	16.9	19.3	16.9	114.6	131.8
Agriculture	4.8	72.2	77.2	* 2.2	15.0	17.3	7.3	95.8	103.3
Services to agriculture	* 2.7	5.5	8.1	* 0.0	* 0.7	* 0.7	3.6	11.7	15.3
Forestry and logging	5.5	* 3.2	8.8	* 0.1	* 0.8	* 0.9	5.6	3.9	9.6
Fishing and hunting	* 0.4	* 2.4	* 2.8	* 0.0	* 0.4	* 0.4	* 0.4	* 3.2	3.5
MINING									
Mining	55.8	30.8	88.1	* 0.3	* 1.2	* 1.5	56.5	32.0	89.9
Metallic minerals	18.4	17.2	36.4	* 0.3	* 0.8	* 1.1	18.7	17.9	37.5
Coal	30.2	* 2.3	32.7	* 0.0	* 0.0	* 0.0	30.2	* 2.3	32.7
Construction materials	* 3.3	* 2.8	6.3	* 0.0	* 0.2	* 0.2	* 3.3	* 3.0	6.5
Services to mining, n.e.c.	* 2.1	6.3	8.6	* 0.0	* 0.3	* 0.3	* 2.1	6.6	8.8
Other mining	* 1.8	* 2.2	4.0	* 0.0	* 0.0	* 0.0	* 2.1	* 2.2	4.3
MANUFACTURING									
Manufacturing	529.1	495.7	1,040.2	13.4	63.1	76.6	546.7	565.0	1,127.6
Food, beverages and tobacco	76.0	59.2	139.4	4.7	13.0	17.8	83.4	73.9	161.7
Textiles	15.5	12.5	27.9	* 0.5	* 1.4	* 1.9	15.9	13.9	29.8
Clothing and footwear	36.9	34.5	73.1	* 1.8	6.3	8.1	38.7	41.3	82.2
Wood, wood products and furniture	32.4	44.7	78.8	* 0.5	3.8	4.3	33.2	48.5	83.4
Paper, paper products, printing and publishing	58.9	53.5	113.8	* 3.4	14.0	17.4	62.5	68.9	132.9
Chemical, petroleum and coal products	28.5	28.1	57.0	* 0.3	* 3.0	* 3.2	28.7	31.2	60.4
Non-metallic mineral products	25.9	21.0	47.2	* 0.0	* 1.5	* 1.5	25.9	22.7	48.9
Basic metal products	49.1	27.9	77.7	* 0.1	* 1.0	* 1.1	49.4	29.2	79.2
Fabricated metal products	53.1	53.3	107.5	* 0.7	4.1	4.8	53.9	57.7	112.7
Transport equipment	78.1	36.0	115.4	* 0.5	3.6	4.2	78.9	39.7	119.8
Other machinery and equipment	54.4	84.3	140.4	* 0.8	7.3	8.1	55.6	92.5	149.8
Miscellaneous manufacturing	20.3	40.6	61.9	* 0.2	4.0	4.2	20.5	45.4	66.9
ELECTRICITY, GAS AND WATER									
Electricity and gas	90.6	20.2	111.6	* 0.7	* 1.3	* 2.0	91.3	21.5	113.6
Electricity and gas	64.7	14.8	80.1	* 0.6	* 1.0	* 1.6	65.3	15.8	81.7
Water, sewerage and drainage	25.9	5.4	31.5	* 0.1	* 0.3	* 0.4	26.0	5.7	31.9
CONSTRUCTION									
Construction	154.3	145.4	301.8	* 2.3	24.5	26.9	157.5	174.6	334.2
General construction	70.0	72.4	143.9	* 1.1	9.4	10.5	71.4	84.2	157.1
Special trade construction	84.3	73.0	157.9	* 1.3	15.1	16.4	86.1	90.4	177.1
WHOLESALE AND RETAIL TRADE									
Wholesale and retail trade	184.5	658.6	856.6	95.7	256.3	354.1	287.1	929.5	1,232.8
Wholesale trade	69.9	286.2	359.6	* 1.4	41.7	43.1	72.0	331.6	407.2
Retail trade	114.6	372.4	497.0	94.3	214.6	311.0	215.0	598.0	825.7
TRANSPORT AND STORAGE									
Transport and storage	182.2	93.0	277.0	* 3.1	15.3	18.8	186.3	110.6	299.0
Road freight transport	33.1	32.2	65.6	* 1.0	6.0	7.2	35.0	39.4	74.9
Road passenger transport	20.3	13.5	34.1	* 0.5	3.5	4.0	20.8	17.0	38.2
Rail transport	67.4	6.7	74.6	* 0.3	* 0.0	* 0.3	67.7	6.7	74.9
Water transport	3.9	* 1.8	5.6	* 0.0	* 0.0	* 0.0	3.9	* 1.8	5.6
Air transport	24.8	6.8	31.7	* 1.1	* 0.4	* 1.6	25.9	7.6	33.5
Other transport	* 0.9	* 1.0	* 2.0	* 0.0	* 0.1	* 0.1	* 0.9	* 1.2	* 2.1
Services to road transport	* 1.1	* 2.0	* 3.2	* 0.0	* 1.2	* 1.2	* 1.1	* 3.3	4.4
Services to water transport	14.0	4.9	18.9	* 0.0	* 0.6	* 0.6	14.0	5.5	19.5
Services to air transport	5.4	* 1.2	6.6	* 0.0	* 0.0	* 0.0	5.4	* 1.2	6.6
Other services to transport	5.3	20.7	26.5	* 0.0	* 3.2	* 3.2	5.3	24.5	30.3
Storage	6.2	* 2.3	8.4	* 0.2	* 0.2	* 0.4	6.4	* 2.6	9.0
COMMUNICATION									
Communication	98.3	25.6	125.2	* 2.7	4.3	7.0	101.0	30.4	132.7
FINANCE, PROPERTY AND BUSINESS SERVICES									
Finance, property and business services	161.3	387.2	556.5	23.2	85.9	109.5	185.4	480.2	673.9
Finance and investment	95.6	98.5	197.2	8.7	19.0	27.9	104.3	118.2	225.9
Insurance and services to insurance	32.6	39.7	73.3	* 1.3	6.5	7.8	33.9	46.4	81.2
Property and business services	33.0	248.9	286.0	13.2	60.5	73.9	47.1	315.6	366.9
PUBLIC ADMINISTRATION AND DEFENCE									
Public administration and defence	188.7	104.2	296.2	6.0	16.6	22.8	195.9	123.2	322.5
Public administration	178.0	92.2	273.0	6.0	16.3	22.5	185.1	110.8	298.8
Defence	10.7	12.0	23.2	* 0.0	* 0.3	* 0.3	10.7	12.5	23.7
COMMUNITY SERVICES									
Community services	504.9	369.8	879.7	90.6	238.1	329.6	604.0	628.6	1,238.4
Health	169.9	145.5	316.7	48.3	117.0	165.5	220.7	270.2	492.5
Education, museum and library services	244.0	116.9	362.9	33.9	75.1	109.3	282.5	199.7	484.5
Welfare and religious institutions	14.7	46.8	62.2	5.0	32.6	37.9	20.2	80.4	101.6
Other community services	76.4	60.6	137.9	* 3.4	13.4	16.9	80.6	78.3	159.8
RECREATION, PERSONAL AND OTHER SERVICES									
Recreation, personal and other services	66.1	155.2	227.4	36.3	123.7	161.3	107.4	290.7	405.4
Entertainment and recreational services	20.3	38.2	59.8	7.3	20.4	28.0	27.9	61.9	91.4
Restaurants, hotels and clubs	36.7	82.7	122.3	28.1	80.4	109.2	69.1	169.9	242.6
Personal services	9.2	32.7	43.8	* 0.9	15.2	16.3	10.4	48.8	61.3
Private households employing staff	* 0.0	* 1.6	* 1.6	* 0.0	7.7	7.7	* 0.0	10.1	10.1
Total	2,229.4	2,569.1	4,857.2	276.8	847.3	1,129.3	2,535.9	3,500.9	6,101.9

(a) Includes persons for whom full-time or part-time status could not be determined. (b) Includes persons who did not know their membership status.

TABLE 9. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, INDUSTRY AND FULL-TIME OR PART-TIME EMPLOYEE, AUGUST 1988

Industry	Males			Females			Persons		
	Full-time employees	Part-time employees	Total(a)	Full-time employees	Part-time employees	Total(a)	Full-time employees	Part-time employees	Total(a)
MEMBER OF A TRADE UNION									
--'000--									
Agriculture, forestry, fishing and hunting	12.2	* 0.5	13.7	* 1.2	* 1.7	* 3.1	13.4	* 2.3	16.9
Mining	54.4	* 0.3	55.0	* 1.4	* 0.0	* 1.4	55.8	* 0.3	56.5
Manufacturing	429.7	* 2.3	434.4	99.4	11.1	112.3	529.1	13.4	546.7
Electricity, gas and water	84.0	* 0.3	84.3	6.6	* 0.4	7.0	90.6	* 0.7	91.3
Construction	150.5	* 1.9	153.3	3.8	* 0.5	4.3	154.3	* 2.3	157.5
Wholesale and retail trade	115.6	23.5	142.2	68.9	72.2	144.9	184.5	95.7	287.1
Transport and storage	164.1	* 0.9	165.9	18.1	* 2.2	20.5	182.2	* 3.1	186.3
Communication	81.5	* 0.4	81.9	16.8	* 2.3	19.1	98.3	* 2.7	101.0
Finance, property and business services	83.8	* 3.2	87.5	77.5	20.0	97.8	161.3	23.2	185.4
Public administration and defence	136.2	* 1.2	137.7	52.6	4.8	58.2	188.7	6.0	195.9
Community services	231.8	6.0	239.7	273.1	84.6	364.3	504.9	90.6	604.0
Recreation, personal and other services	35.9	7.0	44.6	30.3	29.3	62.8	66.1	36.3	107.4
Total	1,579.8	47.6	1,640.2	649.6	229.1	895.7	2,229.4	276.8	2,535.9
NOT A MEMBER OF A TRADE UNION									
--'000--									
Agriculture, forestry, fishing and hunting	76.2	6.2	90.3	7.1	10.7	24.4	83.3	16.9	114.6
Mining	26.0	* 0.1	26.1	4.9	* 1.1	5.9	30.8	* 1.2	32.0
Manufacturing	369.5	12.3	385.1	126.2	50.8	179.9	495.7	63.1	565.0
Electricity, gas and water	17.1	* 0.3	17.4	* 3.1	* 1.0	4.1	20.2	* 1.3	21.5
Construction	129.5	8.5	140.9	15.9	16.0	33.7	145.4	24.5	174.6
Wholesale and retail trade	458.9	64.5	528.0	199.8	191.8	401.6	658.6	256.3	929.5
Transport and storage	66.1	4.5	72.2	26.9	10.8	38.4	93.0	15.3	110.6
Communication	13.8	* 0.7	14.9	11.8	3.5	15.5	25.6	4.3	30.4
Finance, property and business services	204.1	13.6	219.4	183.0	72.3	260.8	387.2	85.9	480.2
Public administration and defence	58.3	* 2.6	61.7	45.9	14.0	61.5	104.2	16.6	123.2
Community services	161.6	24.9	189.0	208.2	213.2	439.6	369.8	238.1	628.6
Recreation, personal and other services	83.3	26.6	115.0	71.9	97.1	175.7	155.2	123.7	290.7
Total	1,664.4	164.9	1,859.9	904.7	682.4	1,641.0	2,569.1	847.3	3,500.9
TOTAL(b)									
--'000--									
Agriculture, forestry, fishing and hunting	88.7	6.9	104.3	8.2	12.4	27.5	96.9	19.3	131.8
Mining	81.6	* 0.4	82.4	6.5	* 1.1	7.6	88.1	* 1.5	89.9
Manufacturing	812.6	14.8	833.3	227.6	61.8	294.4	1,040.2	76.6	1,127.6
Electricity, gas and water	101.8	* 0.5	102.3	9.8	* 1.4	11.3	111.6	* 2.0	113.6
Construction	282.1	10.4	296.3	19.7	16.5	37.9	301.8	26.9	334.2
Wholesale and retail trade	583.9	89.0	681.3	272.6	265.1	551.6	856.6	354.1	1,232.8
Transport and storage	231.7	5.7	239.8	45.3	13.0	59.1	277.0	18.8	299.0
Communication	96.6	* 1.2	98.1	28.6	5.8	34.6	125.2	7.0	132.7
Finance, property and business services	291.2	16.9	310.3	265.3	92.6	363.6	556.5	109.5	673.9
Public administration and defence	196.4	3.8	201.3	99.9	19.0	121.2	296.2	22.8	322.5
Community services	395.8	30.9	431.0	483.9	298.7	807.4	879.7	329.6	1,238.4
Recreation, personal and other services	122.6	33.9	163.2	104.8	127.4	242.2	227.4	161.3	405.4
Total	3,284.9	214.4	3,543.5	1,572.3	914.9	2,558.4	4,857.2	1,129.3	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
-- per cent --									
Agriculture, forestry, fishing and hunting	14	8	13	14	14	11	14	12	13
Mining	67	71	67	22	0	19	63	21	63
Manufacturing	53	16	52	44	18	38	51	17	48
Electricity, gas and water	83	50	82	67	30	62	81	35	80
Construction	53	18	52	19	3	11	51	9	47
Wholesale and retail trade	20	26	21	25	27	26	22	27	23
Transport and storage	71	16	69	40	17	35	66	17	62
Communication	84	37	84	59	39	55	79	39	76
Finance, property and business services	29	19	28	29	22	27	29	21	28
Public administration and defence	69	32	68	53	25	48	64	26	61
Community services	59	19	56	56	28	45	57	28	49
Recreation, personal and other services	29	21	27	29	23	26	29	23	26
Total	48	22	46	41	25	35	46	25	42

(a) Includes persons for whom full-time or part-time status could not be determined. (b) Includes persons who did not know their membership status.

TABLE 10. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, INDUSTRY AND SECTOR, AUGUST 1988

Industry	Males			Females			Persons		
	Public	Private	Total(a)	Public	Private	Total(a)	Public	Private	Total(a)
MEMBER OF A TRADE UNION									
	--'000--								
Agriculture, forestry, fishing and hunting	3.6	10.1	13.7	* 0.4	* 2.8	* 3.1	4.0	12.9	16.9
Mining	4.3	50.7	55.0	* 0.1	* 1.3	* 1.4	4.4	52.0	56.5
Manufacturing	39.2	395.2	434.4	4.7	107.6	112.3	43.9	502.8	546.7
Electricity, gas and water	81.2	* 3.1	84.3	6.6	* 0.4	7.0	87.8	3.5	91.3
Construction	29.4	123.9	153.3	* 2.2	* 2.0	4.3	31.6	125.9	157.5
Wholesale and retail trade	4.5	137.7	142.2	* 1.1	143.8	144.9	5.5	281.6	287.1
Transport and storage	101.7	64.2	165.9	10.1	10.3	20.5	111.8	74.5	186.3
Communication	79.3	* 2.6	81.9	18.8	* 0.3	19.1	98.1	* 2.9	101.0
Finance, property and business services	29.5	58.1	87.5	36.5	61.3	97.8	66.0	119.4	185.4
Public administration and defence	136.0	* 1.7	137.7	57.7	* 0.5	58.2	193.7	* 2.2	195.9
Community services	207.1	32.6	239.7	279.0	85.3	364.3	486.1	117.9	604.0
Recreation, personal and other services	6.7	37.9	44.6	7.1	55.7	62.8	13.8	93.6	107.4
Total	722.3	917.8	1,640.2	424.2	471.5	895.7	1,146.6	1,389.3	2,535.9
NOT A MEMBER OF A TRADE UNION									
	--'000--								
Agriculture, forestry, fishing and hunting	* 2.3	88.0	90.3	* 0.7	23.7	24.4	* 3.0	111.7	114.6
Mining	* 0.1	25.9	26.1	* 0.0	5.9	5.9	* 0.1	31.9	32.0
Manufacturing	4.7	380.4	385.1	* 0.7	179.2	179.9	5.3	559.6	565.0
Electricity, gas and water	16.6	* 0.8	17.4	3.9	* 0.2	4.1	20.5	* 1.0	21.5
Construction	7.7	133.2	140.9	* 1.7	31.9	33.7	9.4	165.2	174.6
Wholesale and retail trade	* 2.8	525.1	528.0	* 1.7	399.9	401.6	4.5	925.0	929.5
Transport and storage	13.4	58.8	72.2	4.1	34.3	38.4	17.5	93.1	110.6
Communication	14.3	* 0.6	14.9	15.2	* 0.3	15.5	29.5	* 0.9	30.4
Finance, property and business services	11.7	207.7	219.4	15.2	245.6	260.8	26.9	453.3	480.2
Public administration and defence	61.0	* 0.7	61.7	59.8	* 1.7	61.5	120.8	* 2.4	123.2
Community services	95.9	93.1	189.0	188.4	251.2	439.6	284.3	344.3	628.6
Recreation, personal and other services	6.4	108.6	115.0	5.4	170.3	175.7	11.8	278.9	290.7
Total	236.8	1,623.1	1,859.9	296.7	1,344.3	1,641.0	533.5	2,967.4	3,500.9
TOTAL(b)									
	--'000--								
Agriculture, forestry, fishing and hunting	5.9	98.4	104.3	* 1.0	26.5	27.5	6.9	124.9	131.8
Mining	4.6	77.7	82.4	* 0.1	7.4	7.6	4.7	85.2	89.9
Manufacturing	44.5	788.8	833.3	5.4	289.0	294.4	49.8	1,077.8	1,127.6
Electricity, gas and water	98.1	4.2	102.3	10.6	* 0.6	11.3	108.8	4.8	113.6
Construction	37.3	259.0	296.3	3.9	34.0	37.9	41.3	292.9	334.2
Wholesale and retail trade	7.3	674.0	681.3	* 2.8	548.8	551.6	10.1	1,222.7	1,232.8
Transport and storage	115.6	124.3	239.8	14.2	44.9	59.1	129.8	169.2	299.0
Communication	94.7	* 3.4	98.1	34.0	* 0.6	34.6	128.7	4.0	132.7
Finance, property and business services	41.7	268.6	310.3	52.5	311.1	363.6	94.2	579.7	673.9
Public administration and defence	198.9	* 2.4	201.3	119.0	* 2.2	121.2	317.9	4.6	322.5
Community services	304.5	126.5	431.0	470.0	337.3	807.4	774.5	463.9	1,238.4
Recreation, personal and other services	13.1	150.1	163.2	12.8	229.4	242.2	25.9	379.5	405.4
Total	966.2	2,577.4	3,543.5	726.6	1,831.9	2,558.4	1,692.7	4,409.2	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
	-- per cent --								
Agriculture, forestry, fishing and hunting	62	10	13	34	11	11	57	10	13
Mining	93	65	67	100	18	19	93	61	63
Manufacturing	88	50	52	88	37	38	88	47	48
Electricity, gas and water	83	74	82	62	69	62	81	73	80
Construction	79	48	52	56	6	11	77	43	47
Wholesale and retail trade	61	20	21	37	26	26	54	23	23
Transport and storage	88	52	69	71	23	35	86	44	62
Communication	84	77	84	55	52	55	76	73	76
Finance, property and business services	71	22	28	70	20	27	70	21	28
Public administration and defence	68	71	68	48	23	48	61	48	61
Community services	68	26	56	59	25	45	63	25	49
Recreation, personal and other services	51	25	27	55	24	26	53	25	26
Total	75	36	46	58	26	35	68	32	42

(a) Includes persons for whom sector could not be determined.

(b) Includes persons who did not know their membership status.

TABLE 11. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION,
INDUSTRY AND WHETHER PERMANENT OR CASUAL EMPLOYEE, AUGUST 1988

Industry	Males			Females			Persons		
	Permanent employee	Casual employee	Total	Permanent employee	Casual employee	Total	Permanent employee	Casual employee	Total
MEMBER OF A TRADE UNION									
--'000--									
Agriculture, forestry, fishing and hunting	9.4	4.4	13.7	* 1.5	* 1.6	* 3.1	10.9	6.0	16.9
Mining	54.0	* 1.0	55.0	* 1.4	* 0.0	* 1.4	55.4	* 1.0	56.5
Manufacturing	424.0	10.3	434.4	102.4	9.9	112.3	526.4	20.2	546.7
Electricity, gas and water	84.3	* 0.0	84.3	6.9	* 0.1	7.0	91.2	* 0.1	91.3
Construction	139.2	14.1	153.3	4.3	* 0.0	4.3	143.4	14.1	157.5
Wholesale and retail trade	114.9	27.2	142.2	87.1	57.8	144.9	202.1	85.0	287.1
Transport and storage	157.7	8.1	165.9	18.9	* 1.6	20.5	176.6	9.7	186.3
Communication	81.9	* 0.0	81.9	18.7	* 0.4	19.1	100.6	* 0.4	101.0
Finance, property and business services	82.3	5.2	87.5	95.1	* 2.7	97.8	177.4	7.9	185.4
Public administration and defence	136.2	* 1.5	137.7	55.6	* 2.6	58.2	191.8	4.0	195.9
Community services	233.6	6.1	239.7	335.0	29.3	364.3	568.5	35.5	604.0
Recreation, personal and other services	34.3	10.3	44.6	29.7	33.2	62.8	64.0	43.4	107.4
Total	1,551.8	88.3	1,640.2	756.5	139.2	895.7	2,308.4	227.5	2,535.9
NOT A MEMBER OF A TRADE UNION									
--'000--									
Agriculture, forestry, fishing and hunting	59.4	30.8	90.3	8.5	15.8	24.4	68.0	46.7	114.6
Mining	24.2	* 1.9	26.1	4.7	* 1.2	5.9	28.9	* 3.1	32.0
Manufacturing	352.3	32.8	385.1	134.7	45.2	179.9	487.0	78.0	565.0
Electricity, gas and water	16.7	* 0.7	17.4	3.9	* 0.2	4.1	20.6	* 0.9	21.5
Construction	103.3	37.7	140.9	23.0	10.7	33.7	126.2	48.4	174.6
Wholesale and retail trade	433.9	94.1	528.0	213.8	187.7	401.6	647.7	281.8	929.5
Transport and storage	59.0	13.2	72.2	28.8	9.6	38.4	87.8	22.8	110.6
Communication	14.4	* 0.5	14.9	13.6	* 1.9	15.5	28.0	* 2.4	30.4
Finance, property and business services	183.7	35.7	219.4	203.4	57.4	260.8	387.1	93.1	480.2
Public administration and defence	59.0	* 2.7	61.7	48.4	13.2	61.5	107.4	15.8	123.2
Community services	157.3	31.7	189.0	289.5	150.1	439.6	446.7	181.8	628.6
Recreation, personal and other services	73.9	41.1	115.0	73.8	101.8	175.7	147.8	142.9	290.7
Total	1,537.1	322.8	1,859.9	1,046.1	594.9	1,641.0	2,583.3	917.6	3,500.9
TOTAL(a)									
--'000--									
Agriculture, forestry, fishing and hunting	69.0	35.3	104.3	10.0	17.5	27.5	79.1	52.8	131.8
Mining	79.4	* 3.0	82.4	6.2	* 1.4	7.6	85.6	4.4	89.9
Manufacturing	789.7	43.5	833.3	239.3	55.1	294.4	1,029.0	98.6	1,127.6
Electricity, gas and water	101.6	* 0.7	102.3	10.9	* 0.3	11.3	112.6	* 1.0	113.6
Construction	243.9	52.4	296.3	27.2	10.7	37.9	271.1	63.1	334.2
Wholesale and retail trade	558.2	123.1	681.3	304.9	246.7	551.6	863.1	369.8	1,232.8
Transport and storage	217.9	21.9	239.8	48.0	11.2	59.1	265.9	33.1	299.0
Communication	97.6	* 0.5	98.1	32.3	* 2.3	34.6	129.9	* 2.8	132.7
Finance, property and business services	269.2	41.1	310.3	303.5	60.1	363.6	572.7	101.3	673.9
Public administration and defence	197.1	4.1	201.3	105.5	15.7	121.2	302.6	19.9	322.5
Community services	393.2	37.9	431.0	627.2	180.2	807.4	1,020.4	218.0	1,238.4
Recreation, personal and other services	111.0	52.2	163.2	106.1	136.1	242.2	217.1	188.4	405.4
Total	3,127.8	415.7	3,543.5	1,821.2	737.3	2,558.4	4,949.0	1,152.9	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
-- per cent --									
Agriculture, forestry, fishing and hunting	14	12	13	15	9	11	14	11	13
Mining	68	35	67	23	0	19	65	24	63
Manufacturing	54	24	52	43	18	38	51	21	48
Electricity, gas and water	83	0	82	63	39	62	81	12	80
Construction	57	27	52	16	0	11	53	22	47
Wholesale and retail trade	21	22	21	29	23	26	23	23	23
Transport and storage	72	37	69	39	14	35	66	29	62
Communication	84	0	84	58	17	55	77	14	76
Finance, property and business services	31	13	28	31	5	27	31	8	28
Public administration and defence	69	36	68	53	16	48	63	20	61
Community services	59	16	56	53	16	45	56	16	49
Recreation, personal and other services	31	20	27	28	24	26	29	23	26
Total	50	21	46	42	19	35	47	20	42

(a) Includes persons who did not know their membership status.

TABLE 12. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, INDUSTRY, WHETHER HAS SUPERANNUATION COVERAGE AND SOURCE OF SUPERANNUATION AUGUST 1988 ('000)

Industry	Has superannuation coverage			Does not have superannuation coverage	Total(a)
	Current employer	Other	Total		
MEMBER OF A TRADE UNION					
Agriculture, forestry, fishing and hunting	7.0	* 3.2	10.2	6.7	16.9
Mining	42.0	8.3	50.3	6.2	56.5
Manufacturing	342.2	48.5	390.7	156.0	546.7
Electricity, gas and water	76.8	5.2	82.0	9.3	91.3
Construction	87.7	24.9	112.7	44.9	157.5
Wholesale and retail trade	78.6	21.9	100.5	186.5	287.1
Transport and storage	121.3	26.7	148.0	38.3	186.3
Communication	93.4	* 2.1	95.6	5.5	101.0
Finance, property and business services	121.9	10.9	132.9	52.5	185.4
Public administration and defence	164.7	7.0	171.7	24.2	195.9
Community services	348.1	63.1	411.2	192.8	604.0
Recreation, personal and other services	33.2	10.2	43.4	64.0	107.4
<i>Total</i>	<i>1,517.0</i>	<i>232.1</i>	<i>1,749.1</i>	<i>786.8</i>	<i>2,535.9</i>
NOT A MEMBER OF A TRADE UNION					
Agriculture, forestry, fishing and hunting	18.3	17.1	35.4	79.3	114.6
Mining	21.3	* 2.6	23.9	8.1	32.0
Manufacturing	202.1	67.0	269.1	295.9	565.0
Electricity, gas and water	14.0	* 1.4	15.4	6.1	21.5
Construction	44.6	26.6	71.2	103.4	174.6
Wholesale and retail trade	198.6	119.7	318.3	611.2	929.5
Transport and storage	36.7	14.1	50.8	59.8	110.6
Communication	20.2	* 0.1	20.3	10.1	30.4
Finance, property and business services	158.2	53.2	211.4	268.8	480.2
Public administration and defence	78.6	4.8	83.4	39.9	123.2
Community services	167.7	68.3	236.0	392.6	628.6
Recreation, personal and other services	30.6	28.4	58.9	231.7	290.7
<i>Total</i>	<i>990.9</i>	<i>403.2</i>	<i>1,394.1</i>	<i>2,106.8</i>	<i>3,500.9</i>
TOTAL(b)					
Agriculture, forestry, fishing and hunting	25.5	20.4	45.9	86.0	131.8
Mining	63.8	11.1	74.9	15.0	89.9
Manufacturing	548.7	116.8	665.5	462.1	1,127.6
Electricity, gas and water	91.1	6.6	97.7	15.9	113.6
Construction	133.1	52.0	185.1	149.1	334.2
Wholesale and retail trade	279.5	142.5	422.0	810.9	1,232.8
Transport and storage	158.4	41.5	199.9	99.1	299.0
Communication	114.7	* 2.2	116.9	15.8	132.7
Finance, property and business services	283.3	65.1	348.4	325.5	673.9
Public administration and defence	246.2	11.7	257.9	64.6	322.5
Community services	517.4	132.2	649.6	588.8	1,238.4
Recreation, personal and other services	64.4	39.1	103.6	301.8	405.4
<i>Total</i>	<i>2,526.3</i>	<i>641.2</i>	<i>3,167.5</i>	<i>2,934.5</i>	<i>6,101.9</i>

(a) Includes persons who were not asked and persons who did not know whether they had superannuation coverage. (b) Includes persons who did not know their membership status.

TABLE 13. ALL EMPLOYEES : OCCUPATION, FULL-TIME OR PART-TIME EMPLOYEE
AND WHETHER A MEMBER OF A TRADE UNION, AUGUST 1988
('000)

Occupation	Full-time employees			Part-time employees			Total(a)		
	Member of a trade union	Not a member of a trade union	Total(b)	Member of a trade union	Not a member of a trade union	Total(b)	Member of a trade union	Not a member of a trade union	Total(b)
MANAGERS AND ADMINISTRATORS	77.0	314.2	395.6	* 0.8	12.7	13.5	77.9	330.2	412.4
Legislators and government officials	* 0.2	* 0.9	* 1.1	* 0.0	* 0.0	* 0.0	* 0.2	* 0.9	* 1.1
General managers	* 3.4	25.7	29.2	* 0.1	* 1.2	* 1.3	3.6	27.2	30.8
Specialist managers	39.3	118.0	159.4	* 0.0	* 1.1	* 1.1	39.3	119.5	160.9
Farmers and farm managers	* 0.9	18.7	19.8	* 0.0	* 1.3	* 1.3	* 0.9	20.5	21.5
Managing supervisors (sales and service)	25.2	94.2	120.4	* 0.7	7.7	8.4	26.0	103.3	130.2
Managing supervisors (other business)	7.9	56.8	65.8	* 0.0	* 1.4	* 1.4	7.9	58.9	67.9
PROFESSIONALS	306.9	360.3	669.9	28.4	69.4	98.1	340.8	438.0	781.8
Natural scientists	12.4	19.7	32.5	* 0.3	* 1.8	* 2.1	12.7	21.5	34.6
Building professionals	23.0	67.8	91.3	* 0.3	* 2.2	* 2.5	23.3	70.2	93.9
Health diagnosis and treatment practitioners	11.7	30.8	42.5	* 2.1	12.4	14.4	14.0	44.0	58.0
School teachers	151.5	45.5	197.6	17.5	16.4	34.1	173.2	66.1	240.2
Other teachers and instructors	31.3	18.4	49.8	4.0	16.3	20.3	35.8	35.6	71.5
Social professionals	8.1	26.6	34.8	* 0.6	5.4	6.0	8.7	32.2	40.9
Business professionals	36.4	119.7	157.0	* 1.2	7.5	8.6	37.6	128.1	166.6
Artists and related professionals	15.1	17.6	32.7	* 1.3	3.6	5.0	16.7	21.8	38.5
Miscellaneous professionals	17.4	14.1	31.8	* 1.1	4.0	5.1	18.8	18.6	37.7
PARA-PROFESSIONALS	191.3	150.9	345.4	24.6	45.6	70.5	217.6	200.7	421.8
Medical and science technical officers and technicians	8.6	10.0	19.4	* 0.0	* 2.2	* 2.2	8.6	12.2	21.6
Engineering and building associates and technicians	40.9	47.2	90.0	* 0.3	* 1.5	* 1.8	41.2	49.4	92.5
Air and sea transport technical workers	7.3	* 2.4	9.7	* 0.0	* 0.5	* 0.5	7.3	* 3.0	10.3
Registered nurses	54.9	29.7	84.6	23.5	29.4	53.2	79.8	61.4	141.5
Police	22.2	12.7	35.0	* 0.0	* 0.0	* 0.0	22.2	12.7	35.0
Miscellaneous para-professionals	57.3	49.0	106.6	* 0.8	12.1	12.9	58.4	62.0	120.9
TRADESPERSONS	452.7	415.1	881.9	6.4	31.8	39.0	462.2	454.4	931.6
Metal fitting and machining tradespersons	77.0	36.0	114.8	* 0.5	* 0.8	* 1.3	77.4	36.9	116.2
Other metal tradespersons	58.8	42.8	103.6	* 0.0	* 0.9	* 0.9	59.4	44.0	105.3
Electrical and electronics tradespersons	109.7	53.2	164.4	* 0.4	* 1.2	* 1.6	110.4	54.5	166.4
Building tradespersons	82.2	61.3	144.7	* 0.8	* 1.8	* 2.5	83.3	63.4	148.0
Printing tradespersons	21.5	15.3	37.0	* 0.0	* 1.0	* 1.0	21.5	16.6	38.3
Vehicle tradespersons	30.9	77.4	110.1	* 0.0	* 1.8	* 1.8	31.3	79.8	112.9
Food tradespersons	27.8	43.4	73.9	* 3.4	9.0	12.6	31.6	53.2	87.8
Amenity horticultural tradespersons	10.6	19.8	30.4	* 0.1	* 3.4	3.5	10.8	23.5	34.3
Miscellaneous tradespersons	34.3	65.8	103.0	* 1.3	11.9	13.7	36.6	82.5	122.5
CLERKS	337.8	543.1	893.0	29.2	212.3	241.9	368.0	770.9	1,151.3
Stenographers and typists	42.8	152.2	198.8	* 3.4	61.5	64.9	46.5	219.0	269.3
Data processing and business machine operators	29.3	45.8	76.2	3.6	14.0	17.6	32.9	60.8	94.8
Numerical clerks	107.7	158.7	268.9	5.4	60.9	66.5	113.2	224.4	340.3
Filing, sorting and copying clerks	30.5	21.2	52.4	* 3.1	9.7	12.9	33.6	31.9	66.2
Material recording and despatching clerks	31.1	40.7	72.3	* 0.5	* 3.4	4.0	31.7	44.1	76.2
Receptionists, telephonists and messengers	36.7	70.7	108.2	6.3	35.4	41.8	43.3	108.5	152.7
Miscellaneous clerks	59.7	53.9	116.4	6.9	27.3	34.2	66.9	82.2	151.8
SALESPERSONS AND PERSONAL SERVICE WORKERS	156.3	347.4	513.1	108.9	258.5	368.8	271.4	622.5	904.6
Investment, insurance and real estate salespersons	9.2	46.5	56.1	* 0.0	* 2.0	* 2.0	9.2	48.6	58.2
Sales representatives	4.8	72.7	78.2	* 0.5	6.3	6.8	5.3	79.3	85.3
Sales assistants	54.1	138.2	197.6	47.7	135.2	183.2	103.4	279.6	388.5
Tellers, cashiers and ticket salespersons	35.5	21.3	58.6	31.1	27.3	59.2	68.3	49.5	120.5
Miscellaneous salespersons	21.3	34.9	57.2	18.6	50.5	69.2	42.1	90.1	133.4
Personal service workers	31.4	33.7	65.4	11.1	37.3	48.4	43.1	75.3	118.7
PLANT AND MACHINE OPERATORS, AND DRIVERS	312.0	147.8	464.5	7.4	22.0	29.8	320.6	173.5	499.6
Road and rail transport drivers	98.5	56.6	156.5	* 2.5	13.6	16.4	101.5	72.0	175.4
Mobile plant operators (except transport)	68.3	22.3	91.4	* 1.0	* 1.2	* 2.2	69.3	23.9	94.0
Stationary plant operators	51.1	11.8	63.4	* 0.0	* 0.1	* 0.1	51.3	11.8	63.7
Machine operators	94.0	57.2	153.2	3.9	7.2	11.1	98.4	65.8	166.5
LABOURERS AND RELATED WORKERS	395.4	290.1	693.7	70.8	195.1	267.7	477.4	510.7	998.8
Trades assistants and factory hands	136.1	83.3	222.6	7.2	20.5	28.2	146.9	107.8	258.4
Agricultural labourers and related workers	8.5	57.2	65.7	* 1.1	16.3	17.5	10.1	82.7	92.9
Cleaners	45.0	24.2	70.1	29.3	62.5	91.9	75.4	89.3	165.7
Construction and mining labourers	71.7	26.2	98.7	* 0.4	3.7	4.1	72.7	30.7	104.2
Miscellaneous labourers and related workers	134.1	99.3	236.6	32.8	92.1	126.1	172.3	200.2	377.6
Total	2,229.4	2,569.1	4,857.2	276.8	847.3	1,129.3	2,535.9	3,500.9	6,101.9

(a) Includes persons for whom full-time or part-time status could not be determined. (b) Includes persons who did not know their membership status.

TABLE 14. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, OCCUPATION AND FULL-TIME OR PART-TIME EMPLOYEE, AUGUST 1988

Occupation	Males			Females			Persons		
	Full-time employees	Part-time employees	Total(a)	Full-time employees	Part-time employees	Total(a)	Full-time employees	Part-time employees	Total(a)
MEMBER OF A TRADE UNION									
			--'000--						
Managers and administrators	65.7	* 0.3	66.0	11.3	* 0.5	11.9	77.0	* 0.8	77.9
Professionals	172.1	* 3.2	175.8	134.8	25.2	165.0	306.9	28.4	340.8
Para-professionals	127.6	* 1.3	129.3	63.7	23.3	88.4	191.3	24.6	217.6
Tradespersons	435.8	* 3.1	441.8	16.8	* 3.4	20.4	452.7	6.4	462.2
Clerks	142.6	* 2.0	144.7	195.2	27.2	223.3	337.8	29.2	368.0
Salespersons and personal service workers	57.9	15.1	75.0	98.4	93.8	196.4	156.3	108.9	271.4
Plant and machine operators, and drivers	268.9	* 2.4	272.3	43.1	5.1	48.3	312.0	7.4	320.6
Labourers and related workers	309.1	20.2	335.4	86.3	50.6	142.0	395.4	70.8	477.4
Total	1,579.8	47.6	1,640.2	649.6	229.1	895.7	2,229.4	276.8	2,535.9
NOT A MEMBER OF A TRADE UNION									
			--'000--						
Managers and administrators	267.5	* 2.8	272.3	46.7	9.8	57.9	314.2	12.7	330.2
Professionals	261.4	13.1	277.0	98.9	56.3	161.0	360.3	69.4	438.0
Para-professionals	99.4	5.8	106.4	51.6	39.8	94.2	150.9	45.6	200.7
Tradespersons	375.9	13.2	395.6	39.3	18.5	58.8	415.1	31.8	454.4
Clerks	120.3	9.4	131.1	422.8	202.9	639.8	543.1	212.3	770.9
Salespersons and personal service workers	191.0	37.4	230.7	156.4	221.1	391.7	347.4	258.5	622.5
Plant and machine operators, and drivers	120.0	10.5	133.7	27.8	11.5	39.8	147.8	22.0	173.5
Labourers and related workers	229.0	72.6	313.0	61.2	122.5	197.7	290.1	195.1	510.7
Total	1,664.4	164.9	1,859.9	904.7	682.4	1,641.0	2,569.1	847.3	3,500.9
TOTAL(b)									
			--'000--						
Managers and administrators	337.1	* 3.1	342.2	58.5	10.4	70.2	395.6	13.5	412.4
Professionals	435.0	16.3	454.3	234.9	81.8	327.5	669.9	98.1	781.8
Para-professionals	229.6	7.1	238.4	115.8	63.4	183.4	345.4	70.5	421.8
Tradespersons	824.4	16.6	850.3	57.6	22.4	81.3	881.9	39.0	931.6
Clerks	267.4	11.5	280.3	625.6	230.4	871.1	893.0	241.9	1,151.3
Salespersons and personal service workers	253.6	52.7	310.6	259.6	316.1	594.0	513.1	368.8	904.6
Plant and machine operators, and drivers	392.6	13.2	410.2	71.9	16.5	89.4	464.5	29.8	499.6
Labourers and related workers	545.2	93.8	657.3	148.5	173.9	341.5	693.7	267.7	998.8
Total	3,284.9	214.4	3,543.5	1,572.3	914.9	2,558.4	4,857.2	1,129.3	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
			-- per cent --						
Managers and administrators	19	10	19	19	5	17	19	6	19
Professionals	40	20	39	57	31	50	46	29	44
Para-professionals	56	19	54	55	37	48	55	35	52
Tradespersons	53	19	52	29	15	25	51	17	50
Clerks	53	18	52	31	12	26	38	12	32
Salespersons and personal service workers	23	29	24	38	30	33	30	30	30
Plant and machine operators, and drivers	69	18	66	60	31	54	67	25	64
Labourers and related workers	57	21	51	58	29	42	57	26	48
Total	48	22	46	41	25	35	46	25	42

(a) Includes persons for whom full-time or part-time status could not be determined. (b) Includes persons who did not know their membership status.

TABLE 15. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, OCCUPATION AND SECTOR, AUGUST 1988

Occupation	Males			Females			Persons		
	Public	Private	Total(a)	Public	Private	Total(a)	Public	Private	Total(a)
MEMBER OF A TRADE UNION									
	--'000--								
Managers and administrators	37.8	28.3	66.0	6.5	5.3	11.9	44.3	33.6	77.9
Professionals	139.6	36.2	175.8	132.4	32.6	165.0	272.0	68.8	340.8
Para-professionals	101.3	27.9	129.3	64.1	24.3	88.4	165.4	52.2	217.6
Tradespersons	132.8	309.0	441.8	4.2	16.2	20.4	137.0	325.3	462.2
Clerks	101.7	42.9	144.7	134.1	89.2	223.3	235.9	132.1	368.0
Salespersons and personal service workers	18.3	56.7	75.0	33.8	162.6	196.4	52.1	219.3	271.4
Plant and machine operators, and drivers	83.9	188.4	272.3	* 3.4	44.9	48.3	87.3	233.3	320.6
Labourers and related workers	107.0	228.4	335.4	45.7	96.3	142.0	152.7	324.7	477.4
Total	722.3	917.8	1,640.2	424.2	471.5	895.7	1,146.6	1,389.3	2,535.9
NOT A MEMBER OF A TRADE UNION									
	--'000--								
Managers and administrators	20.7	251.6	272.3	5.2	52.7	57.9	25.9	304.3	330.2
Professionals	72.9	204.1	277.0	59.0	102.0	161.0	131.9	306.2	438.0
Para-professionals	41.6	64.9	106.4	45.2	49.0	94.2	86.8	113.9	200.7
Tradespersons	25.2	370.4	395.6	* 2.4	56.4	58.8	27.7	426.7	454.4
Clerks	36.8	94.3	131.1	121.5	518.3	639.8	158.3	612.6	770.9
Salespersons and personal service workers	5.2	225.6	230.7	28.4	363.4	391.7	33.5	589.0	622.5
Plant and machine operators, and drivers	10.3	123.4	133.7	* 0.9	38.9	39.8	11.2	162.3	173.5
Labourers and related workers	24.1	288.9	313.0	34.1	163.6	197.7	58.2	452.5	510.7
Total	236.8	1,623.1	1,859.9	296.7	1,344.3	1,641.0	533.5	2,967.4	3,500.9
TOTAL(b)									
	--'000--								
Managers and administrators	58.8	283.4	342.2	11.7	58.5	70.2	70.5	341.9	412.4
Professionals	213.0	241.3	454.3	191.9	135.6	327.5	405.0	376.8	781.8
Para-professionals	143.7	94.6	238.4	109.9	73.5	183.4	253.6	168.2	421.8
Tradespersons	159.7	690.7	850.3	6.6	74.7	81.3	166.3	765.3	931.6
Clerks	140.5	139.7	280.3	258.6	612.5	871.1	399.1	752.2	1,151.3
Salespersons and personal service workers	23.7	286.8	310.6	63.1	530.9	594.0	86.8	817.7	904.6
Plant and machine operators, and drivers	94.9	315.3	410.2	4.3	85.1	89.4	99.2	400.5	499.6
Labourers and related workers	131.9	525.4	657.3	80.4	261.1	341.5	212.3	786.5	998.8
Total	966.2	2,577.4	3,543.5	726.6	1,831.9	2,558.4	1,692.7	4,409.2	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
	-- per cent --								
Managers and administrators	64	10	19	56	9	17	63	10	19
Professionals	66	15	39	69	24	50	67	18	44
Para-professionals	71	30	54	58	33	48	65	31	52
Tradespersons	83	45	52	63	22	25	82	42	50
Clerks	72	31	52	52	15	26	59	18	32
Salespersons and personal service workers	77	20	24	54	31	33	60	27	30
Plant and machine operators, and drivers	88	60	66	79	53	54	88	58	64
Labourers and related workers	81	43	51	57	37	42	72	41	48
Total	75	36	46	58	26	35	68	32	42

(a) Includes persons for whom sector could not be determined. (b) Includes persons who did not know their membership status.

TABLE 16. ALL EMPLOYEES : WHETHER A MEMBER OF A TRADE UNION, OCCUPATION AND WHETHER A PERMANENT OR CASUAL EMPLOYEE, AUGUST 1988

Occupation	Males			Females			Persons		
	Permanent employee	Casual employee	Total	Permanent employee	Casual employee	Total	Permanent employee	Casual employee	Total
MEMBER OF A TRADE UNION									
--'000--									
Managers and administrators	63.6	* 2.4	66.0	11.5	* 0.4	11.9	75.1	* 2.8	77.9
Professionals	171.9	3.9	175.8	150.9	14.1	165.0	322.8	18.0	340.8
Para-professionals	126.7	* 2.6	129.3	80.1	8.2	88.4	206.8	10.8	217.6
Tradespersons	423.1	18.7	441.8	17.5	* 2.9	20.4	440.6	21.6	462.2
Clerks	143.7	* 0.9	144.7	208.8	14.5	223.3	352.5	15.4	368.0
Salespersons and personal service workers	58.9	16.1	75.0	127.2	69.2	196.4	186.1	85.3	271.4
Plant and machine operators, and drivers	260.3	11.9	272.3	44.6	3.8	48.3	304.9	15.7	320.6
Labourers and related workers	303.7	31.7	335.4	115.8	26.2	142.0	419.5	57.9	477.4
Total	1,551.8	88.3	1,640.2	756.5	139.2	895.7	2,308.4	227.5	2,535.9
NOT A MEMBER OF A TRADE UNION									
--'000--									
Managers and administrators	246.1	26.2	272.3	47.4	10.5	57.9	293.5	36.7	330.2
Professionals	250.0	27.0	277.0	114.3	46.7	161.0	364.3	73.8	438.0
Para-professionals	94.6	11.8	106.4	73.8	20.5	94.2	168.4	32.3	200.7
Tradespersons	342.4	53.2	395.6	38.7	20.1	58.8	381.1	73.3	454.4
Clerks	118.4	12.7	131.1	486.8	153.0	639.8	605.2	165.7	770.9
Salespersons and personal service workers	174.8	56.0	230.7	172.2	219.6	391.7	346.9	275.5	622.5
Plant and machine operators, and drivers	107.7	26.1	133.7	26.4	13.4	39.8	134.1	39.5	173.5
Labourers and related workers	203.1	109.8	313.0	86.6	111.1	197.7	289.7	221.0	510.7
Total	1,537.1	322.8	1,859.9	1,046.1	594.9	1,641.0	2,583.3	917.6	3,500.9
TOTAL(a)									
--'000--									
Managers and administrators	313.0	29.2	342.2	59.3	10.9	70.2	372.4	40.0	412.4
Professionals	423.4	30.9	454.3	266.5	61.1	327.5	689.8	92.0	781.8
Para-professionals	224.0	14.4	238.4	154.7	28.7	183.4	378.7	43.1	421.8
Tradespersons	777.9	72.5	850.3	58.0	23.2	81.3	835.9	95.7	931.6
Clerks	266.6	13.6	280.3	703.0	168.1	871.1	969.7	181.7	1,151.3
Salespersons and personal service workers	238.2	72.3	310.6	304.1	289.9	594.0	542.3	362.2	904.6
Plant and machine operators, and drivers	371.3	38.9	410.2	72.3	17.1	89.4	443.6	56.1	499.6
Labourers and related workers	513.5	143.8	657.3	203.2	138.3	341.5	716.6	282.1	998.8
Total	3,127.8	415.7	3,543.5	1,821.2	737.3	2,558.4	4,949.0	1,152.9	6,101.9
PROPORTION OF ALL EMPLOYEES WHO WERE TRADE UNION MEMBERS									
-- per cent --									
Managers and administrators	20	8	19	19	3	17	20	7	19
Professionals	41	13	39	57	23	50	47	20	44
Para-professionals	57	18	54	52	29	48	55	25	52
Tradespersons	54	26	52	30	12	25	53	23	50
Clerks	54	7	52	30	9	26	36	8	32
Salespersons and personal service workers	25	22	24	42	24	33	34	24	30
Plant and machine operators, and drivers	70	31	66	62	22	54	69	28	64
Labourers and related workers	59	22	51	57	19	42	59	21	48
Total	50	21	46	42	19	35	47	20	42

(a) Includes persons who did not know their membership status.

APPENDIX A

GLOSSARY

Casual employees: employees who were not entitled to annual leave nor sick leave.

Employees: employed persons who worked for an employer for wages or salary or in their own business, either with or without employees, if that business was a limited liability company.

Employment benefits: concessions, allowances or other privileges received by or provided to employees in their main job in addition to wages or salary while the employees were working for their current employer. Some benefits which were not included in the survey are certain allowances received in accordance with award provisions (e.g. safety clothing); maternity and paternity leave; and payments, bonuses or payments in lieu of leave. Not all benefits came directly from the current employer but were received by or provided to employees from other sources as a result of their employment in a particular occupation or industry: (e.g. a concession air fare granted by an airline to a travel agency employee; long-service leave granted by an industry loan employee in this industry). Further definitions were given in *Employment Benefits, Australia* (6334.0).

Full-time employees: all employees for whom 'full-time' was the response to the question 'Is your main job full-time or part-time?'

Hours worked in main job: refers to actual hours worked during the reference week.

Industry: all occurrences of industry referred to in this publication are as defined by the Australian Standard Industrial Classification (ASIC) and relate to main job.

Main English speaking countries: comprises the United Kingdom, Ireland, Canada, South Africa, U.S.A., and New Zealand.

Main job: the job in which most hours were usually worked.

Manual occupations: selected occupation groups from the Australian Standard Classification of Occupations (ASCO) comprised of all tradespersons (4101-4999); plant and machine operators, and drivers (7101-7499); and labourers and related workers (8101-8999).

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

Median weekly earnings: 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.

Member of a trade union: employees with membership in a trade union in connection with their main job.

Non-manual occupations: comprised of all occupation not classed as manual.

Occupation: all occurrences of occupation referred to in this publication are as defined by the Australian Standard Classification of Occupations (ASCO) and relate to main job.

Part-time employees: all employees for whom 'part-time' was the response to the question 'Is your main job full-time or part-time?'

Permanent employees: employees who were entitled to annual leave or sick leave.

Superannuation: membership of a superannuation or retirement benefits scheme, but only if the scheme was arranged or provided by the person's current employer even if the employer did not contribute to the fund. There were an additional 641,200 employees covered by schemes not arranged or provided by their employers.

Trade union: an organisation (or employee association), consisting predominantly of employees, the principal activities of which include the negotiation or rates of pay and conditions of employment for its members.

Weekly earnings: the amount of 'last total pay' from main wage or salary job 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.

APPENDIX B

EXPLANATORY NOTES

Introduction

The monthly population survey (which is described in *The Labour Force, Australia* (6203.0)) comprises the monthly labour force survey and supplementary topics. This publication contains some results of a supplementary survey run in association with the August 1988 labour force survey conducted throughout Australia.

2. Of the respondents to the labour force survey, those who fell within the scope of the supplementary survey were asked additional questions. They were asked about their weekly earnings and frequency of pay.

Scope

3. The scope of this supplementary survey was the same as that used for the labour force survey (described in full in *The Labour Force, Australia* (6203.0)), except that it was restricted to persons who were employed as wage and salary earners ('employees') in their main job excluding persons on workers' compensation and persons who worked solely for payment in kind.

Coverage

4. In the population survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. See *The Labour Force, Australia* (6203.0) for more details.

Definitions

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

6. Unless otherwise stated, all characteristics referenced in this publication relate to the week before the interview (i.e. the reference week) and to all jobs.

Results of the survey

7. The estimates in this publication refer to information collected in the survey month and, due to seasonal factors, may not be representative of other months of the year.

8. Results of similar surveys, conducted in November 1976, March to May 1982 and August 1986 have been given in previous issues of this publication.

Unpublished statistics

9. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact in the Phone Inquiries box at the front of this publication.

Comparison with *Trade Union Statistics, Australia* (6323.0)

10. Statistics on trade union membership obtained from censuses of trade unions and employee associations are published annually in *Trade Union Statistics, Australia* (6323.0). The figures in that publication are higher than the estimates obtained from this survey for a number of reasons, including the following:

- (i) they relate only to trade union membership in the respondent's main job (see glossary); a person who was a member of a trade union only by virtue of holding a second job was excluded;
- (ii) they relate only to trade union membership in one job, whereas a persons who had recently changed jobs could be registered as a member of more than one union in the trade union collection;
- (iii) the estimates relate only to persons who were employees in their main job in the reference week: other persons (e.g. unemployed and those not in the labour force) are excluded even though they may have retained union membership in respect of some earlier employment;
- (iv) some persons may elect to belong to more than one union, but would be counted only once in this survey;
- (v) some unions may encounter difficulties in maintaining up-to-date registers of members, which will therefore include persons who are no longer financial members.

Discontinuities in the series

11. Classification of occupation according to the Australian Standard Classification of Occupations (ASCO 1986) was introduced in the August 1986 survey, replacing the Classification and Classified List of Occupations (CCLO), used in previous surveys. The main difference between these classifications is that ASCO occupations are classified on the basis of the level and specialisation of skill required for the satisfactory performance of primary tasks. For a more detailed explanation of ASCO see the appendix to *The Labour Force, Australia, August 1986* (6203.0).

12. To provide a link between the two classifications, a matrix has been produced and is shown in Table 41 of *The Labour Force, Australia, August 1986* (6203.0). This matrix shows the relationship between ASCO and CCLO at the broadest classification level (the Major Group). The estimates in the matrix are based on a sub-sample of respondents to the May 1986 labour force survey.

13. The method of deriving full-time/part-time status in main job classification varies from that used in the August 1986 issue of this publication. Full-time employees previously had been defined as persons who had worked for 35 hours or more per week, and part-time employees as those who had worked less than 35 hours per week. Full-time/part-time status in the August 1988 survey has been determined by the response to the question 'Is your main job full-time or part-time?'

14. Care should also be taken when comparing the estimates in this publication with those published in the following:

- (i) *Trade Union Members, Australia, November 1976* (6325.0), where unemployed persons who had been wage and salary earners in their most recent job and had lost that job in the period January to November 1976, as well as persons employed as wage and salary earners at the time of the survey, were included;
- (ii) *Trade Union Members, Australia, March to May 1982* (6325.0), where employees who were members of unions in either their main or second job were included. The number of employees included in Table 1 of this publication for the 1982 survey who were members of unions, but not in their main job, is 61,600.

Survey sample redesign

15. The Labour force survey sample has been redesigned and reselected using information collected in the 1986 Population Census. As a result, the standard errors in this supplementary survey differ from those used in surveys of the same topic run prior to September 1987. For details, see *Information Paper—Labour Force Survey Sample Design* (6269.0).

Estimation procedure

16. 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, gender and labour force status, rather than to the corresponding distribution within the sample itself.

Reliability of the estimates

17. Estimates in this publication are subject to sampling and non-sampling errors. For further information refer to the Technical Note, Appendix C.

Related publications

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

The Labour Force, Australia (6202.0)—issued monthly

The Labour Force, Australia (6203.0)—issued monthly

Trade Union Statistics, Australia (6323.0)—issued annually

Employment Benefits, Australia (6334.0)—issued annually

Industrial Disputes, Australia (6322.0)—issued annually

Questionnaires Used in the Labour Force Survey, Australia (6232.0)—issued irregularly

19. Current publications 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 the Technical Note, Appendix C
- n.e.c. not elsewhere classified
- . . not applicable
- r revised
- n.a. not available

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

Electronic services

VIATEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

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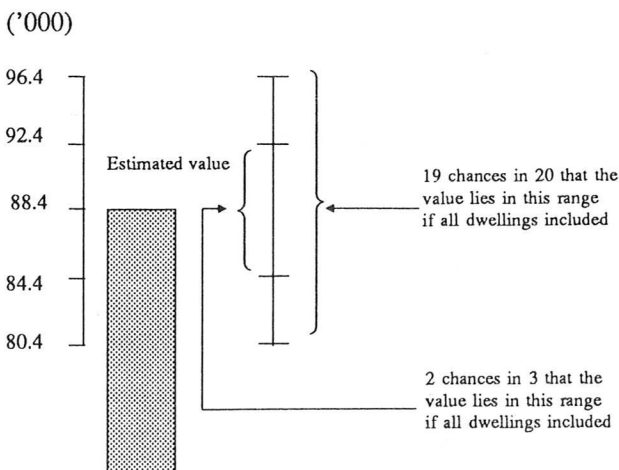
APPENDIX C

TECHNICAL NOTE

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 those 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 number 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.

2. Space does not allow for the separate indication of the standard errors of all estimates in this publication. A table of standard errors applicable to persons estimates 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 numbers will not give a precise measure of the standard error of a particular estimate but they will provide an indication of its magnitude. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons.

3. An example of the calculation and the use of standard errors in relation to estimates of persons is as follows. Table 5 on page 10 shows the estimated number of females who were members of a trade union and earned between \$240 and \$280 per week is 88,400. Since this estimate is between 50,000 and 100,000, the standard error for Australia will be between 3,150 and 4,300 in the standard error table and can be approximated as 4,000 (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 84,400 to 92,400 and about nineteen chances in twenty that the value will fall within the range 80,400 to 96,400. This example is illustrated in the following diagram.



4. 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, only estimates with relative standard errors of 25 per cent or less and percentages based on such estimates are considered sufficiently reliable for most purposes. However, estimates with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.4) percentage to indicate they are subject to high standard errors and should be used with caution.

5. 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. A formula to approximate the relative standard error (RSE) of a proportion is:

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

6. Considering the example from paragraph 3 above, the 88,400 females represent 9.9 per cent of the 895,700 female employees who were a member of a trade union in August 1988. The standard error of 895,700 is approximately 10,500 so the relative standard error is 1.2 per cent. The relative standard error for 88,400 is 4.5 per cent. Applying the above formula, the relative standard error of the proportion is $\sqrt{(4.5)^2 + (1.2)^2}$ or 4.3 per cent, giving a standard error for the proportion (9.9 per cent) of 0.4 percentage points. Therefore, there are about two chances in three that the proportion of female employees who were a member of a trade union and earned between \$240 and \$280 per week in August 1988 is between 9.5 per cent and 10.3 per cent and nineteen chances in twenty that the proportion is within the range 9.1 per cent to 10.7 per cent.

7. Published estimates may also be used to calculate the difference between two survey estimates (of numbers or percentages). Such an estimate is 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 or subpopulations it is expected to provide a good approximation for all differences likely to be of interest in this publication.