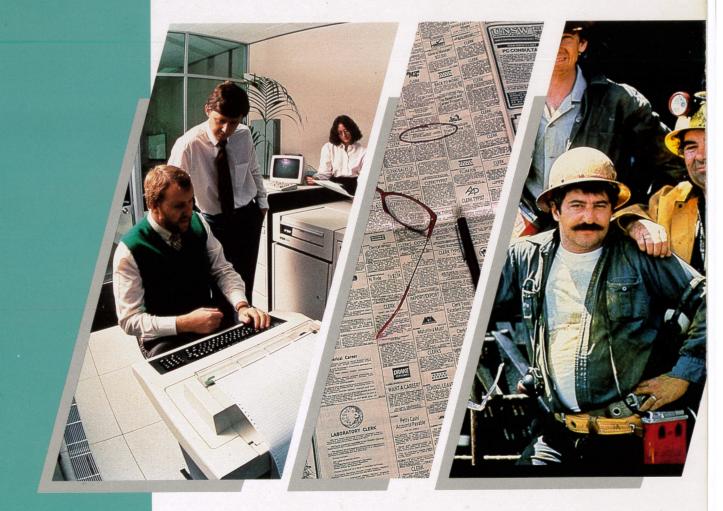


# 1988–89 MAJOR LABOUR COSTS AUSTRALIA



ABS Catalogue No. 6348.0

#### EMBARGOED UNTIL 11.30 A.M. 13 AUGUST 1990

### MAJOR LABOUR COSTS AUSTRALIA 1988-89

IAN CASTLES Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6348.0

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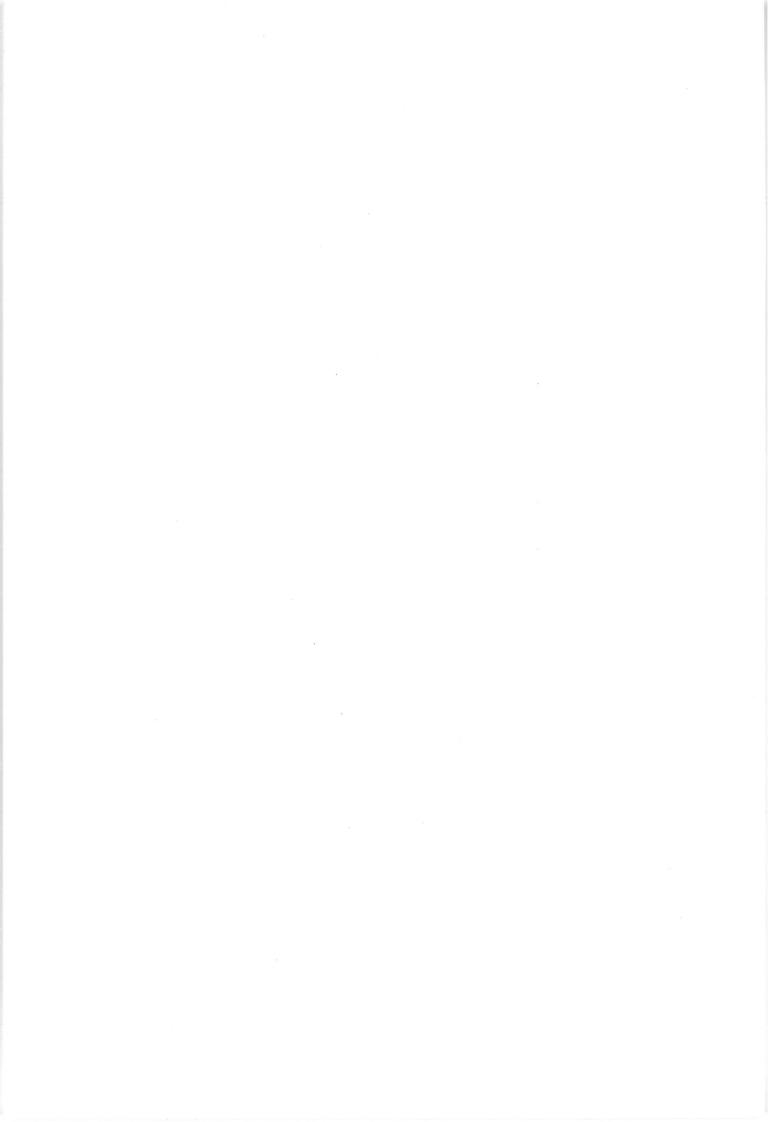
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#### **AVAILABILITY OF UNPUBLISHED STATISTICS**

The ABS offers a range of unpublished statistics from the Major Labour Costs survey. This information may be made available in either computer printout or clerically-extracted tabulation. Generally, a charge is made for providing unpublished statistics.

More details regarding the availability of unpublished statistics can be found in Appendix D on page 32.



#### SUMMARY OF FINDINGS

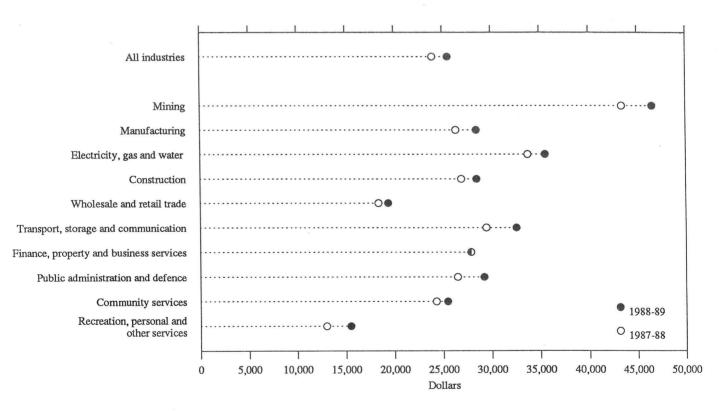
#### Total major labour costs per employee in each industry, sector, and state

Average total major labour costs per employee increased by 6.7 per cent from \$23,980 in 1987-88 to \$25,587 in 1988-89. The greatest increase occurred in the Recreation, personal and other services industry with costs per employee increasing by 19.1 per cent from \$12,983 in 1987-88 to \$15,463 in 1988-89. Significant increases were also recorded in Transport, storage and communication (up 10.5 per cent to \$32,539), and Public administration and defence (up 10.3 per cent to \$29,181). Finance, property and business services, however, with an average total major labour costs per employee of \$27,800 recorded a slight decrease of 0.3 per cent in comparison to 1987-88.

As in previous years, Mining recorded the highest average total major labour costs per employee (\$46,503); the next highest was Electricity, gas and water (\$35,536). The industries which recorded the lowest average total major labour costs per employee were Recreation, personal and other services (\$15,463) and Wholesale and retail trade (\$19,379).

In the private sector, average total major labour costs per employee in 1988-89 of \$23,815 showed an increase of 6.7 per cent on the 1987-88 estimate of \$22,310. Employers in Queensland (up 13.8 per cent to \$21,695) and Victoria (up 12.8 per cent to \$24,212) recorded the most significant increases whereas those in New South Wales reported only a marginal rise of 0.7 per cent to \$24,823.

Average total major labour costs per employee in the public sector of \$30,091 showed an increase of 7.2 per cent over 1987-88 (\$28,058) with the most significant increase occurring in the Australian Capital Territory (up 12.9 per cent to \$35,152). Employers in Victoria recorded the smallest increase (3.7 per cent to \$29,997).



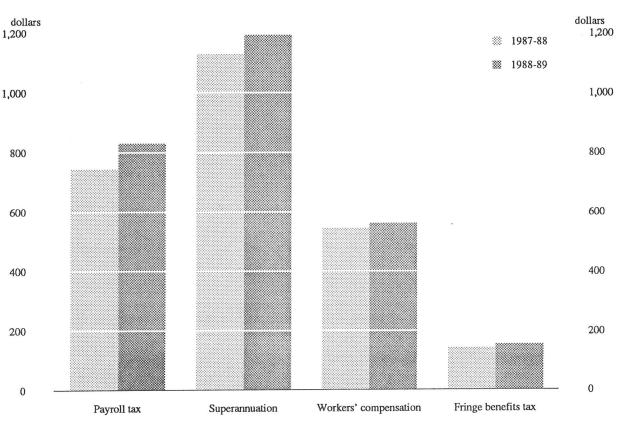
#### DIAGRAM 1: AVERAGE TOTAL MAJOR LABOUR COSTS PER EMPLOYEE, BY INDUSTRY, 1987-88 AND 1988-89 (Source: Table 11)

#### Movements in components of 'other labour costs'

On an average costs per employee basis, all components of 'other labour costs' recorded increases compared to 1987-88 estimates. Payroll tax was the most significant, increasing by 11.8 per cent from \$743 in 1987-88 to \$831 in 1988-89 with the Australian Capital Territory (up 47.9 per cent to \$423) and Western Australia (up 21.3 per cent to \$757) showing the greatest increases. The next highest increase occurred in fringe benefits tax which rose by 8.4 per cent from \$143 per employee in 1987-88 to \$155 in 1988-89.

In the private sector, the average cost per employee of 'other labour costs' increased by 3 per cent from \$2,177 in 1987-88 to \$2,243 in 1988-89, with payroll tax showing the biggest increase of 7.4 per cent from \$769 to \$826. Western Australia recorded the biggest increase in payroll tax per employee (up 18.8 per cent to \$865), with the Australian Capital Territory (up 17.8 per cent to \$622) and Queensland (up 17.6 per cent to \$620) also showing substantial increases over 1987-88.

The average costs per employee of 'other labour costs' in the public sector also increased in comparison to 1987-88 estimates. As with the private sector, payroll tax showed the most significant movement, increasing by 24.1 per cent from \$680 in 1987-88 to \$844 in 1988-89, with all States and Territories recording substantial increases. The most noticeable were the Australian Capital Territory (up 100 per cent to \$278) and Tasmania (up 40.7 per cent to \$460).



#### DIAGRAM 2: AVERAGE 'OTHER LABOUR COSTS' PER EMPLOYEE, 1987-88 AND 1988-89 (Source: Table 2)

#### 'Other labour costs' as a percentage of total major labour costs

In 1988-89 'other labour costs' as a percentage of total major labour costs were 10.7 per cent at the Australia level, with average rates of 9.4 per cent in the private sector and 13.3 per cent in the public sector.

Of the private sector employers, those in Victoria and Western Australia reported the highest levels (10.1 per cent and 9.8 per cent respectively), while employers in Queensland (7.6 per cent) and the Northern Territory (7.8 per cent) reported the lowest levels of 'other labour costs' as a percentage of total major labour costs.

In the public sector, Victorian employers reported the highest levels of 'other labour costs' as a percentage of total major labour costs (14.7 per cent), a marginal decrease from the 15 per cent reported in the previous year. Tasmanian and Western Australian employers reported the lowest such costs with levels of 9.5 per cent and 10.3 per cent respectively.

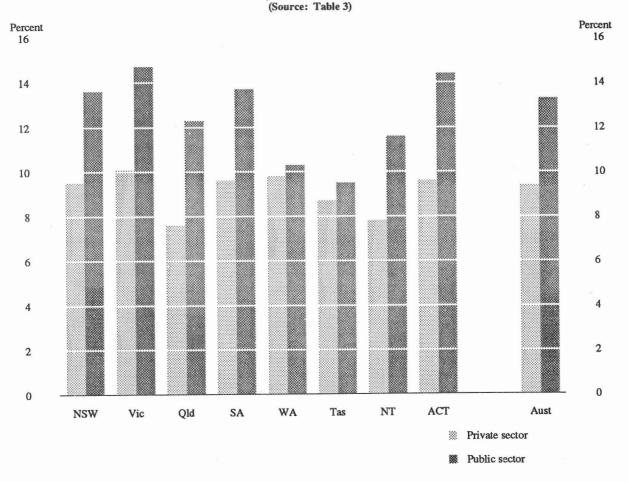


DIAGRAM 3: 'OTHER LABOUR COSTS' AS A PERCENTAGE OF TOTAL MAJOR LABOUR COSTS, BY STATE AND SECTOR 1988-89

#### **Components of labour costs**

For every dollar private sector employers paid to employees in earnings in 1988-89, an additional 10.4 cents were paid as 'other labour costs'. This 10.4 cents comprised:

- 3.8 cents paid in payroll tax,
- 3.2 cents paid in superannuation costs,
- 2.5 cents paid in workers' compensation costs, and
- 0.8 cents paid in fringe benefits tax.

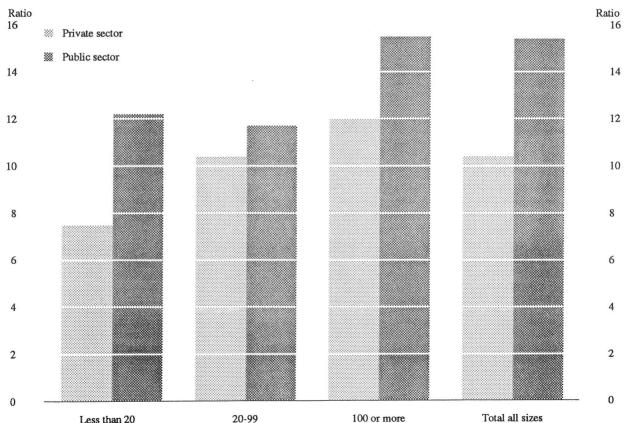
Private sector employers with 100 or more employees paid out 12.0 cents in 'other labour costs' for each dollar spent on earnings, while employers with less than 20 employees reported the lowest 'other labour costs' (7.5 cents per dollar).

For every dollar public sector employers paid to employees in earnings in 1988-89, an additional 15.4 cents were paid as 'other labour costs'. This 15.4 cents comprised:

- 3.2 cents paid in payroll tax,
- 9.5 cents paid in superannuation costs,
- 2.4 cents paid in workers' compensation costs, and
- 0.3 cents paid in fringe benefits tax.

Public sector employers in the size group 100 or more employees reported the highest cost for 'other labour costs' as a ratio to earnings (15.5 cents per dollar). Employers in the size group 20-99 employees reported the lowest costs (11.7 cents per dollar).

Commonwealth government employers faced the highest average total labour costs per employee (\$32,961), compared to State government (\$29,690) and Local government (\$25,389) employers. State government employers paid the highest amounts per employee in payroll tax (\$935) while Local government employers paid a relatively low \$242. Commonwealth employers faced substantially higher superannuation costs per employee (\$3,518) than their State (\$2,166) and Local government (\$1,873) counterparts.



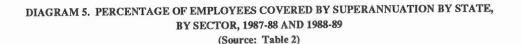
### DIAGRAM 4. 'OTHER LABOUR COSTS' AS A RATIO TO EARNINGS, BY EMPLOYER SIZE AND SECTOR 1988-89 (Source: Table 8)

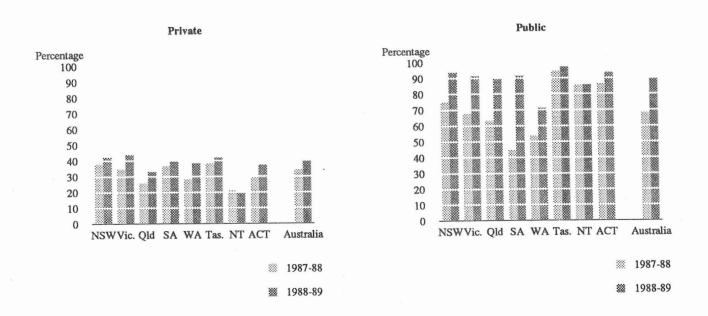
#### Superannuation

In total, the percentage of employees reported by employers to be covered by superannuation has continued to rise in 1988-89 to 54.6 per cent as compared with 44 per cent in 1987-88 and 41.6 per cent in 1986-87. The private sector rate of coverage has reached 40.6 per cent, an increase from 34.1 per cent in the previous year. The public sector coverage has increased to 90.4 per cent, compared with 68 per cent in 1987-88.

In the private sector, the biggest increases occurred in Western Australia (up 10.4 percentage points to 38.4 per cent) and Victoria (up 9.3 percentage points to 43.8 per cent), while a slight fall was recorded in the Northern Territory (down 2.1 percentage points to 19.2 per cent).

The public sector generally saw significant increases in the percentage of employees covered by superannuation, with the most noticeable States being South Australia (up 46.8 percentage points to 91.5 per cent) and Victoria (up 23.8 percentage points to 91.6 per cent). (The increase in South Australia was in part because of a substantial change in arrangements for State government employees.) Tasmania has the highest percentage of employees covered by superannuation, (97.2 per cent), with other States all reporting more than 90 per cent except Western Australia (71.2 per cent) and the Northern Territory (85.8 per cent).





In the private sector, average superannuation costs per employee covered decreased by 17.2 per cent from \$2,070 in 1987-88 to \$1,713 in 1988-89. All States, with the exception of the Australian Capital Territory, recorded decreases compared to 1987-88 estimates with Western Australia and New South Wales recording the most significant decreases of 26.6 per cent and 20.1 per cent respectively.

Average superannuation costs per employee covered in the public sector showed a fall of 14.4 per cent from \$3,182 in 1987-88 to \$2,725 in 1988-89. However, for reasons explained in the glossary (see Superannuation, page 25) private and public superannuation costs are not directly comparable.

						117.4	<i>m</i>		107	
Type of labour cost		NSW	Vic.	<i>Qld</i> PRIVATI	SA E	WA	Tas.	NT	ACT	Australia
	1986-87	28,796	19,225	9,255	5,820	6,606	1,722	552	718	72,694
Earnings	1980-87	33,170	24,416	9,697	6,703	7,238	1,908	654	809	84,596
	1988-89	35,066	27,080	13,116	7,057	7,464	2,054	797	948	93,582
						190				
Other labour costs	1986-87	3,463	2,110	770 798	625 720	678 765	148	54 65	71 75	7,919
	1987-88 1988-89	3,773 3,685	2,771 3,046	1,075	720	808	178 195	67	101	9,146 9,730
Payroll tax	1986-87	1,207	829	289	177	238	58	18	18	2,834
Tuyron un	1987-88	1,338	1,031	290	205	258	67	20	22	3,230
	1988-89	1,363	1,155	405	234	294	79	24	30	3,583
Superannuation	1986-87	1,068	667	284	191	201	49	11	26	2,497
	1987-88	1,226	887	280	233	235	65	18	26	2,969
	1988-89	1,140	900	379	242	231	66	16	41	3,014
Workers' compensation	1986-87 1987-88	964	496 625	152 169	231 242	190 203	34 33	19 18	24 22	2,109
	1987-88	914 875	711	214	242	203	39	18	26	2,227 2,338
Fringe benefits tax	1986-87	224	118	45	27	49	6	5	3	479
Tinge benefits an	1987-88	295	229	59	41	70	12	9	4	719
	1988-89	307	*281	77	39	65	12	9	5	795
Total major labour costs	1986-87	32,259	21,336	10,025	6,445	7,284	1,870	606	789	80,613
olar major labour cosis	1987-88	36,943	27,188	10,495	7,423	8,003	2,086	719	. 884	93,741
	1988-89	38,751	30,126	14,191	7,810	8,271	2,249	864	1,049	103,312
	Million and an and a second second			PUBLIC			a na internet and an and a start phone in			
Earnings	1986-87	13,300	10,300	5,586	3,406	3,370	1,182	574	1,848	39,566
	1987-88 1988-89	14,386 15,086	10,778 11,530	5,981 6,294	3,679 3,844	3,692 3,891	1,251 1,269	-560 601	1,939 1,983	42,266 44,497
	1900-09	15,000	11,550	0,294	5,044	5,091	1,209	001	1,905	44,497
Other labour costs	1986-87	1,698	1,714	705	450	335	119	64	191	5,275
	1987-88	2,021	1,899	771	514	418	117	72	226	6,037
~	1988-89	2,375	1,982	886	611	445	133	79	333	6,844
Payroll tax	1986-87	476	340	172	95	56	17	26	4	1,186
	1987-88 1988-89	415 498	365 457	179 215	100 120	61 81	18 24	22 27	10 18	1,170 1,440
Superannuation	1986-87	879	999	459	251	199	83	25	150	3,045
Superannuation	1987-88	1,250	1,141	509	277	266	78	32	173	3,724
	1988-89	1,477	1,153	573	367	259	86	33	259	4,206
Workers' compensation	1986-87	319	356	63	97	74	17	5	33	964
	1987-88	310	372	62	126	80	19	6	39	1,013
E-in hfite t	1988-89	356	340	76	113	93	20	9	52	1,060
Fringe benefits tax	1986-87 1987-88	24 46	18 21	12 20	6 11	7 11	2 3	8 11	4	81 129
	1988-89	40	32	20	11	13	3	10	4	139
Total major labour costs	1986-87	14,998	12,013	6,291	3,856	3,705	1,301	638	2,039	44,841
	1987-88	16,407	12,676	6,752	4,193	4,110	1,368	632	2,165	48,302
	1988-89	17,461	13,512	7,180	4,455	4,336	1,402	680	2,316	51,341
				ATE AND	PUBLIC					
Earnings	1986-87	42,096	29,525	14,841	9,226	9,976	2,903	1,126	2,566	112,260
	1987-88 1988-89	47,556 50,152	35,194 38,610	15,679 19,410	10,382 10,901	10,930 11,354	3,159 3,323	1,214 1,397	2,748 2,931	126,861 138,078
Other labour costs	1986-87	5,161	3,824	1,475	1,075	1,012	267	118	262	13,194
01121 12002 0055	1987-88	5,795	4,670	1,568	1,234	1,184	294	137	300	15,182
	1988-89	6,061	5,029	1,961	1,363	1,253	328	146	434	16,574
Payroll tax	1986-87	1,683	1,169	461	272	293	76	44	22	4,019
-	1987-88	1,753	1,395	469	305	318	85	43	32	4,401
	1988-89	1,861	1,612	620	354	374	102	51	48	5,023
Superannuation	1986-87	1,947	1,666	743	442	400	132	36	176	5,542
	1987-88	2,476	2,027 2,053	789 952	509 609	501 490	143 152	50 48	198 299	6,694
Workers' compensation	1988-89 1986-87	2,616 1,282	2,053	215	328	263	51	48	299 57	7,219 3,073
TOIROIS COMPENSATION	1987-88	1,224	997	230	368	283	52	24	61	3,240
	1988-89	1,232	1,051	290	350	312	59	27	77	3,397
		248	137	56	33	56	8	13	7	559
Fringe benefits tax	1986-87				50	01	15	20	0	040
Fringe benefits tax	1987-88	341	250	79	52	81			9	848
Fringe benefits tax			250 *314	79 98	52 50	77	15	20	9	935
	1987-88 1988-89 <b>1986-87</b>	341 352 <b>47,256</b>	*314 <b>33,349</b>	98 16,316	50 10,301	77 <b>10,989</b>	15 3,170	20 1 <b>,244</b>	9 2,828	935 125,454
Fringe benefits tax Total major labour costs	1987-88 1988-89	341 352	*314	98	50	77	15	20	9	935

#### TABLE 1. MAJOR LABOUR COSTS: TYPE OF LABOUR COST, STATES AND TERRITORIES, AND SECTOR Total Costs (\$ million)

T. (11)		NSW	V:-	014	C A	WA	Tas.	NT	ACT	Australia
Type of labour cost		INSW	Vic.	<i>Qld</i> PRIVATE	SA E	WA	Tas.	IN I	ACT	Australia
					dolla	irs—		and the second		
Earnings	1986-87	20,170	18,877	17,328	17,041	19,096	17,205	19,386	15,847	18,923
	1987-88	22,116	19,268	17,613	18,945	20,468	18,758	19,906	19,158	20,133
	1988-89	22,462	21,764	20,052	20,135	21,998	19,798	21,483	19,755	21,572
Other labour costs	1986-87	2,426	2,072	1,441	1,830	1,959	1,482	1,884	1,569	2,061
	1987-88	2,516	2,187	1,449	2,035	2,165	1,746	1,987	1,768	2,177
-	1988-89	2,361	2,448	1,643	2,146	2,380	1,884	1,816	2,107	2,243
Payroll tax	1986-87	846	814	541	517	687 728	584	624	396	738
	1987-88	892 873	813 928	527 620	578 667	865	660 757	614 649	528 622	769 826
Superannuation	1988-89 1986-87	748	655	532	558	582	492	398	574	650
Superalinuation	1987-88	817	700	509	657	665	639	550	609	707
	1988-89	730	723	579	691	681	635	420	848	695
Workers' compensation	1986-87	675	487	284	675	549	342	669	536	549
1	1987-88	610	493	306	684	573	329	557	529	530
	1988-89	561	571	326	676	643	378	500	535	539
Fringe benefits tax	1986-87	157	116	84	80	142	64	193	63	125
	1987-88	197	181	107	116	199	118	266	102	171
	1988-89	197	*226	118	112	191	114	247	103	183
Total major labour costs	1986-87	22,596	20,949	18,769	18,872	21,056	18,687	21,270	17,416	20,985
	1987-88	24,632	21,455	19,062	20,980	22,633	20,504	21,893	20,926	22,310
	1988-89	24,823	24,212	21,695	22,281	24,378	21,682	23,299	21,862	23,815
Superannuation-										
Cost per employee covered	1986-87	2,229	1,851	1,943	1,937	2,229	1,611	2,290	2,234	2,044
covered	1987-88	2,162	2,019	1,980	1,793	2,377	1,672	2,586	2,063	2,070
	1988-89	1,727	1,650	1,760	1,724	1,774	1,511	2,189	2,275	1,713
Employees covered	1986-87	33.6	35.4	27.4	per 28.8	cent	30.5	17.4	25.7	31.8
Linproyees covered	1987-88	37.8	34.5	25.7	36.7	28.0	38.2	21.3	29.5	34.1
	1988-89	42.3	43.8	32.9	40.1	38.4	42.0	19.2	37.3	40.6
				PUBLIC						
Earnings	1986-87	23,468	23,020	21,905	doll 22,091	ars	22,041	26,353	25,581	22,933
Lannings	1987-88	25,089	24,595	23,366	24,066	23,499	23,212	27,309	27,885	24,552
	1988-89	26,878	25,596	24,995	25,673	25,069	24,599	29,661	30,102	26,080
Other labour costs	1986-87	2,996	3,830	2,766	2,917	2,169	2,216	2,936	2,649	3,058
Other labour cosis	1987-88	3,525	4,333	3,010	3,362	2,661	2,164	3,500	3,247	3,507
	1988-89	4,232	4,401	3,518	4,080	2,869	2,579	3,898	5,049	4,011
Payroll tax	1986-87	840	760	673	617	360	322	1,191	59	687
	1987-88	724	833	701	654	387	327	1,090	139	680
	1988-89	887	1,014	854	803	519	460	1,344	278	844
Superannuation	1986-87	1,551	2,233	1,799	1,631	1,289	1,551	1,143	2,076	1,765
	1987-88	2,179	2,603	1,988	1,810	1,695	1,438	1,561	2,483	2,163
	1988-89	2,631	2,560	2,277	2,448	1,667	1,666 309	1,606 251	3,926 454	2,465 559
Workers' compensation	1986-87 1987-88	562 540	796 849	248 241	630 826	477 509	344	290	561	589
	1987-88	635	755	302	755	602	391	432	786	621
Fringe benefits tax	1986-87	42	41	45	39	43	35	352	61	47
Thige benefits an	1987-88	81	48	80	72	71	56	558	63	75
	1988-89	80	72	85	73	81	62	517	60	82
Total major labour costs	1986-87	26,464	26,850	24,670	25,008	24,017	24,257	29,290	28,230	25,991
,	1987-88	28,614	28,928	26,376	27,428	26,160	25,376	30,809	31,132	28,058
	1988-89	31,110	29,997	28,513	29,752	27,938	27,178	33,559	35,152	30,091
Superannuation-										
Cost per employee										
covered	1986-87	2,277	3,373	2,867	3,864	3,373	1,668	1,371	2,534	2,785
	1987-88	2,905	3,842 2,794	3,147 2,511	4,052 2,675	3,136 2,342	1,518 1,715	1,820 1,871	2,881 4,201	3,182 2,725
	1988-89	ZKUM								
	1988-89	2,809			per	cent				
Employees covered	1988-89 1986-87 1987-88	68.1 75.0	66.2 67.8	62.8 63.2			92.9 94.8	83.4 85.8	81.9 86.2	63.4

#### TABLE 2. MAJOR LABOUR COSTS: TYPE OF LABOUR COST, STATES AND TERRITORIES, AND SECTOR Average Costs Per Employee

Type of labour cost		NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
			PRIV	ATE AND	PUBLIC					
					doll	ars—				
Earnings	1986-87	21,108	20,142	18,807	18,612	19,945	18,892	22,406	21,829	20,166
	1987-88	22,938	20,637	19,439	20,490	21,400	20,300	22,751	24,587	21,417
	1988-89	23,630	22,782	21,426	21,793	22,962	21,393	24,371	25,742	22,845
ther labour costs	1986-87	2,588	2,609	1,869	2,169	2,024	1,738	2,340	2,233	2,370
	1987-88	2,795	2,738	1,945	2,435	2,318	1,891	2,568	2,688	2,563
Dermell ter	1988-89	2,856	2,967	2,164	2,725	2,533	2,115	2,551	3,809	2,742
Payroll tax	1986-87	844	797	584	548	586	492	870	189	722
	1987-88	846	818	582	601	624	545	797	286	743
	1988-89	877	951	685	708	757	659	894	423	831
Superannuation	1986-87	976	1,137	941	892	800	861	721	1,497	996
	1987-88	1,194	1,189	979	1,005	981	916	938	1,775	1,130
	1988-89	1,233	1,211	1,051	1,217	990	977	838	2,629	1,194
Workers' compensation	1986-87	643	581	273	661	527	330	488	485	552
	1987-88	590	585	286	727	553	334	454	549	547
	1988-89	580	620	320	700	630	382	476	680	562
Fringe benefits tax	1986-87	124	93	71	67	111	54	262	62	100
	1987-88	165	147	98	102	159	96	378	78	143
	1988-89	166	*185	109	100	156	96	342	78	155
Total major labour costs	1986-87	23,695	22,750	20,676	20,780	21,969	20,630	24,746	24,062	22,536
	1987-88	25,734	23,375	21,383	22,925	23,718	22,191	25,319	27,275	23,980
	1988-89	26,486	25,750	23,590	24,517	25,496	23,507	26,922	29,551	25,587
Superannuation-										
Cost per employee										
covered	1986-87	2,250	2,537	2,426	2,704	2,681	1,647	1,568	2,485	2,394
	1987-88	2,483	2,756	2,602	2,573	2,728	1,584	2,037	2,740	2,570
	1988-89	2,207	2,143	2,147	2,194	2,035	1,620	1,963	3,767	2,186
					—per	cent-				
Employees covered	1986-87	43.4	44.8	38.8	33.0	29.8	52.3	46.0	60.2	41.6
	1987-88	48.1	43.1	37.6	39.1	36.0	57.8	46.1	64.8	44.0
	1988-89	55.9	56.5	49.0	55.5	48.7	60.3	42.7	69.8	54.6

 TABLE 2. MAJOR LABOUR COSTS : TYPE OF LABOUR COST, STATES AND TERRITORIES, AND SECTOR—continued

 Average Costs Per Employee

Type of labour cost		NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
				PRIVATE						
Earnings	1986-87	89.3	90.1	92.3	90.3	90.7	92.1	91.1	91.0	90.2
	1987-88	89.8	89.8	92.4	90.3	90.4	91.5	90.9	91.6	90.2
	1988-89	90.5	89.9	92.4	90.4	90.2	91.3	92.2	90.4	90.6
Other labour costs	1986-87	10.7	9.9	7.7	9.7	9.3	7.9	8.9	9.0	9.8
	1987-88	10.2	10.2	7.6	9.7	9.6	8.5	9.1	8.5	9.8
	1988-89	9.5	10.1	7.6	9.6	9.8	8.7	7.8	9.6	9.4
Payroll tax	1986-87	3.7	3.9	2.9	2.7	3.3	3.1	2.9	2.3	3.5
	1987-88 1988-89	3.6 3.5	3.8 3.8	2.8 2.9	2.8 3.0	3.2 3.6	3.2 3.5	2.8 2.8	2.5 2.8	3.5 3.5
Superannuation	1986-87	3.3	3.1	2.9	3.0	2.8	2.6	1.9	3.3	3.1
Superainiaation	1987-88	3.3	3.3	2.7	3.1	2.9	3.1	2.5	2.9	3.2
	1988-89	2.9	3.0	2.7	3.1	2.8	2.9	1.8	3.9	2.9
Workers' compensation	1986-87	3.0	2.3	1.5	3.6	2.6	1.8	3.1	3.1	2.6
	1987-88	2.5	2.3	1.6	3.3	2.5	1.6	2.5	2.5	2.4
Eringe herefits tor	1988-89 1986-87	2.3 0.7	2.4 0.6	1.5 0.5	3.0 0.4	2.6 0.7	1.7 0.3	2.1 0.9	2.4 0.4	2.3 0.6
Fringe benefits tax	1980-87	0.7	0.8	0.5	0.4	0.9	0.5	1.2	0.4	0.8
	1988-89	0.8	*0.9	0.5	0.5	0.8	0.5	1.1	0.5	0.8
Total major labour costs	1986-87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1987-88	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				PUBLIC						
Earnings	1986-87 1987-88	88.7 87.7	85.7 85.0	88.8 88.6	88.3 87.7	91.0 89.8	90.9 91.5	90.0 88.6	90.6 89.6	88.2 87.5
	1987-88	86.4	85.3	87.7	86.3	89.8	90.5	88.4	85.6	86.7
	1900-09	00.4	0.0.0	07.7	00.5	09.7	90.5	00.4	05.0	00.7
Other labour costs	1986-87	11.3	14.3	11.2	11.7	9.0	9.1	10.0	9.4	11.8
	1987-88	12.3	15.0	11.4	12.3	10.2	8.5	11.4	10.4	12.5
	1988-89	13.6	14.7	12.3	13.7	10.3	9.5	11.6	14.4	13.3
Payroll tax	1986-87	3.2 2.5	2.8 2.9	2.7 2.7	2.5 2.4	1.5 1.5	1.3 1.3	4.1 3.5	0.2 0.5	2.6 2.4
	1987-88 1988-89	2.9	3.4	3.0	2.4	1.9	1.5	4.0	0.5	2.4
Superannuation	1986-87	5.9	8.3	7.3	6.5	5.4	6.4	3.9	7.4	6.8
Superannuation	1987-88	7.6	9.0	7.5	6.6	6.5	5.7	5.1	8.0	7.7
	1988-89	8.5	8.5	8.0	8.2	6.0	6.1	4.8	11.2	8.2
Workers' compensation	1986-87	2.1	3.0	1.0	2.5	2.0	1.3	0.9	1.6	2.2
	1987-88 1988-89	1.9 2.0	2.9 2.5	0.9 1.1	3.0 2.5	1.9 2.2	1.4 1.4	0.9 1.3	1.8 2.2	2.1
Fringe benefits tax	1986-87	0.2	0.2	0.2	0.2	0.2	0.2	1.2	0.2	0.2
Thinge benefits and	1987-88	0.3	0.2	0.3	0.3	0.3	0.2	1.8	0.2	0.3
	1988-89	0.3	0.2	0.3	0.2	0.3	0.2	1.5	0.2	0.3
Total major labour costs	1986-87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10iai major iabour cosis	1980-87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				ATE AND F	UBLIC					
Earnings	1986-87	89.1	88.5	91.0	89.6	90.8	91.6	90.5	90.7	89.5
0	1987-88	89.1	88.3	90.9	89.4	90.2	91.5	89.9	90.1	89.3
	1988-89	89.2	88.5	90.8	88.9	90.1	91.0	90.5	87.1	89.3
Other labour costs	1986-87	10.9	11.5	9.0	10.4	9.2	8.4	9.5	9.3	10.5
CHIEF RECORD COSIS	1987-88	10.9	11.7	9.1	10.6	9.8	8.5	10.1	9.9	10.7
	1988-89	10.8	11.5	9.2	11.1	9.9	9.0	9.5	12.9	10.7
Payroll tax	1986-87	3.6	3.5	2.8	2.6	2.7	2.4	3.5	0.8	3.2
	1987-88	3.3	3.5	2.7	2.6	2.6	2.5	3.2	1.1	3.1
Superannuation	1988-89	3.3	3.7	2.9 4.6	2.9 4.3	3.0 3.6	2.8 4.2	3.3 2.9	1.4 6.2	3.2 4.4
Superannuation	1986-87 1987-88	4.1 4.6	5.0 5.1	4.6	4.3	3.6 4.1	4.2	3.7	6.5	4.4
	1987-88	4.0	4.7	4.5	5.0	3.9	4.2	3.1	8.9	4.7
Workers' compensation	1986-87	2.7	2.6	1.3	3.2	2.4	1.6	2.0	2.0	2.5
	1987-88	2.3	2.5	1.3	3.2	2.3	1.5	1.8	2.0	2.3
	1988-89	2.2	2.4	1.4	2.9	2.5	1.6	1.8	2.3	2.2
Fringe benefits tax	1986-87	0.5	0.4	0.4	0.3	0.5	0.3	1.1	0.3	0.5
	1987-88 1988-89	0.6 0.6	0.6 *0.7	0.5 0.5	0.5 0.4	0.7 0.6	0.4 0.4	1.5 1.3	0.3 0.3	0.6 0.6
Total major labour costa	1986-87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total major labour costs	1987-88	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

 TABLE 3. MAJOR LABOUR COSTS: TYPE OF LABOUR COST, STATES AND TERRITORIES, AND SECTOR

 Costs as a Percentage of Major Labour Costs (per cent)

Type of labour cost		NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Australia
				PRIVATE						
Payroll tax	1986-87	4.2	4.3	3.1	3.0	3.6	3.4	3.2	2.5	3.9
	1987-88	4.0	4.2	3.0	3.1	3.6	3.5	3.1	2.8	3.8
	1988-89	3.9	4.3	3.1	3.3	3.9	3.8	3.0	3.1	3.8
Superannuation	1986-87	3.7	3.5	3.1	3.3	3.1	2.9	2.1	3.6	3.4
	1987-88	3.7	3.6	2.9	3.5	3.3	3.4	2.8	3.2	3.5
	1988-89	3.3	3.3	2.9	3.4	3.1	3.2	2.0	4.3	3.2
Workers' compensation	1986-87	3.4	2.6	1.6	4.0	2.9	2.0	3.5	3.4	2.9
	1987-88	2.8	2.6	1.7	3.6	2.8	1.8	2.8	2.8	2.6
	1988-89	2.5	2.6	1.6	3.4	2.9	1.9	2.3	2.7	2.5
Fringe benefits tax	1986-87	0.8	0.6	0.5	0.5	0.7	0.4	1.0	0.4	0.7
	1987-88	0.9	0.9	0.6	0.6	1.0	0.6	1.3	0.5	0.9
	1988-89	0.9	*1.0	0.6	0.6	0.9	0.6	1.2	0.5	0.8
Other labour costs	1986-87	12.0	11.0	8.3	10.7	10.3	8.6	9.7	9.9	10.9
	1987-88	11.4	11.4	8.2	10.7	10.6	9.3	10.0	9.2	10.8
	1988-89	10.5	11.2	8.2	10.7	10.8	9.5	8.5	10.7	10.4
				PUBLIC						
Payroll tax	1986-87	3.6	3.3	3.1	2.8	1.7	1.5	4.5	0.2	3.0
	1987-88	2.9	3.4	3.0	2.7	1.7	1.4	4.0	0.5	2.8
	1988-89	3.3	4.0	3.4	3.1	2.1	1.9	4.5	0.9	3.2
Superannuation	1986-87	6.6	9.7	8.2	7.4	5.9	7.0	4.3	8.1	7.7
	1987-88	8.7	10.6	8.5	7.5	7.2	6.2	5.7	8.9	8.8
	1988-89	9.8	10.0	9.1	9.5	6.7	6.8	5.4	13.0	9.5
Workers' compensation	1986-87	2.4	3.5	1.1	2.9	2.2	1.4	1.0	1.8	2.4
	1987-88	2.2	3.5	1.0	3.4	2.2	1.5	1.1	2.0	2.4
	1988-89	2.4	2.9	1.2	2.9	2.4	1.6	1.5	2.6	2.4
Fringe benefits tax	1986-87	0.2	0.2	0.2	0.2	0.2	0.2	1.3	0.2	0.2
	1987-88	0.3	0.2	0.3	0.3	0.3	0.2	2.0	0.2	0.3
	1988-89	0.3	0.3	0.3	0.3	0.3	0.3	1.7	0.2	0.3
Other labour costs	1986-87	12.8	16.6	12.6	13.2	9.9	10.1	11.1	10.4	13.3
	1987-88	14.1	17.6	12.9	14.0	11.3	9.3	12.8	11.6	14.3
	1988-89	15.7	17.2	14.1	15.9	11.4	10.5	13.1	16.8	15.4
			PRIVA	ATE AND F	UBLIC					
Payroll tax	1986-87	4.0	4.0	3.1	3.0	2.9	2.6	3.9	0.9	3.6
	1987-88	3.7	4.0	3.0	2.9	2.9	2.7	3.5	1.2	3.5
	1988-89	3.7	4.2	3.2	3.2	3.3	3.1	3.7	1.6	3.6
Superannuation	1986-87	4.6	5.6	5.0	4.8	4.0	4.6	3.2	6.9	4.9
	1987-88	5.2	5.8	5.0	4.9	4.6	4.5	4.1	7.2	5.3
	1988-89	5.2	5.3	4.9	5.6	4.3	4.6	3.4	10.2	5.2
Workers' compensation	1986-87	3.1	2.9	1.5	3.6	2.6	1.8	2.2	2.2	2.7
	1987-88	2.6	2.8	1.5	3.6	2.6	1.6	2.0	2.2	2.6
	1988-89	2.5	2.7	1.5	3.2	2.7	1.8	2.0	2.6	2.5
Fringe benefits tax	1986-87	0.6	0.5	0.4	0.4	0.6	0.3	1.2	0.3	0.5
	1987-88	0.7	0.7	0.5	0.5	0.7	0.5	1.7	0.3	0.7
	1988-89	0.7	*0.8	0.5	0.5	0.7	0.5	1.4	0.3	0.7
Other labour costs	1986-87	12.3	13.0	9.9	11.7	10.2	9.2	10.4	10.2	11.8
	1987-88	12.2	13.3	10.0	11.9	10.8	9.3	11.3	10.9	12.0
	1988-89	12.1	13.0	10.1	12.5	11.0	9.9	10.5	14.8	12.0

TABLE 4. 'OTHER LABOUR COSTS': TYPE OF LABOUR COST, STATES AND TERRITORIES, AND SECTOR Ratio of 'Other Labour Costs' to Earnings (per cent)

Type of labour cost		Less than 20 employees	20-99 employees	100 or more employees	Total
		PRIVA		emproyees	10141
Earnings	1986-87	18,893	16,683	37,117	72,694
Barnings	1987-88	22,455	18,781	43,359	84,596
	1988-89	25,489	21,085	47,008	93,582
Other labour costs	1986-87	1,496	1,765	4,658	7,919
	1987-88	1,812	2,044	5,290	9,146
	1988-89	1,906	2,199	5,625	9,730
Payroll tax	1986-87	151	735	1,947	2,834
Tayloff tax	1987-88	177	801	2,253	3,230
	1988-89	185	916	2,482	3,583
Superannuation	1986-87	759	462	1,277	2,497
Superamuation	1987-88	921	612	1,436	2,969
	1988-89	921	588	1,505	
Workers' compensation	1986-87	489	459	1,162	3,014
workers compensation	1987-88	546		1,215	2,109
		575	466		2,227
E-inc. Inc. Garage	1988-89		529	1,234	2,338
Fringe benefits tax	1986-87	98	109	272	479
	1987-88 1988-89	167 225	165 166	387 404	719 795
m	1006.07	<b>AA BA</b>		(1.65.)	
Total major labour costs	1986-87	20,390	18,448	41,774	80,613
	1987-88 1988-89	24,267 27,395	20,825 23,284	48,649 52,633	93,741 103,312
1		PUBL			
Earnings	1986-87	151	1,108	38,307	39,566
	1987-88	175	1,086	41,005	42,266
	1988-89	195	1,093	43,209	44,497
Other labour costs	1986-87	16	121	5,138	5,275
ther tabour costs	1987-88	18	118	5,901	6,037
	1988-89	24	128	6,693	6,844
Payroll tax	1986-87	24	128	1,173	1,186
Payroll tax	1987-88	2	14	1,175	1,170
	1988-89	*1	14	1,426	
Superannuation	1986-87	11	81		1,440
Superalinuation		12	76	2,954	3,045
	1987-88 1988-89	12	85	3,637	3,724
Washing? componention		3	27	4,104 934	4,205
Workers' compensation	1986-87	3		-	964
	1987-88		24	986	1,013
Erings handling ton	1988-89	4	26	1,030	1,060
Fringe benefits tax	1986-87	1	2	78	81
	1987-88 1988-89	1	4	124 134	129
Total major labour costs	1986-87	167	1,229	43,446	44,841
	1987-88	193	1,204	46,905	48,302
	1988-89	218	1,221	49,902	51,341
	1001.05	PRIVATE AN			
Earnings	1986-87 1987-88	19,044	17,791	75,424	112,260
	1988-89	22,630 25,684	19,867 22,178	84,364 90,217	126,861 138,078
Other labour costs	1986-87				
other havora costs	1987-88	1,512 1,829	1,886 2,162	9,796	13,194
			2,102	11,191	15,182
Dermoll to-	1988-89	1,929	2,327	12,318	16,574
Payroll tax	1986-87	152	747	3,120	4,019
	1987-88	179	815	3,407	4,401
0	1988-89	187	928	3,908	5,023
Superannuation	1986-87	770	542	4,230	5,542
	1987-88	933	688	5,072	6,694
	1988-89	938	672	5,609	7,219
Workers' compensation	1986-87	492	485	2,096	3,073
	1987-88	549	490	2,200	3,240
	1988-89	578	555	2,263	3,39
			112	350	559
Fringe benefits tax	1986-87	98			
	1986-87 1987-88	168	169	511	848
Fringe benefits tax	1986-87 1987-88 1988-89		169 171	511 538	848 935
	1986-87 1987-88	168	169	511	848

#### TABLE 5. MAJOR LABOUR COSTS: TYPE OF LABOUR COST, EMPLOYER SIZE AND SECTOR Total Costs (\$ million)

Tune of labour post		Less than 20 employees	20-99 employees	100 or more employees	Total
Type of labour cost		PRIVA		emptoyees	10/4/
		FKIV7		dollars—	
Earnings	1986-87	16,128	18,717	20,868	18,923
8_	1987-88	16,917	21,770	21,553	20,133
	1988-89	18,041	23,121	23,348	21,572
Other labour costs	1986-87	1,277	1,980	2,619	2,061
	1987-88	1,365	2,369	2,630	2,177
	1988-89	1,349	2,411	2,794	2,243
Payroll tax	1986-87	129	825	1,095	738
	1987-88	133	928	1,120	769
-	1988-89	131	1,004	1,233	826
Superannuation	1986-87	648 694	518 710	718 714	650 707
	1987-88 1988-89	652	645	748	695
Workers' compensation	1986-87	417	515	653	549
workers compensation	1987-88	411	541	604	530
	1988-89	407	580	613	539
Fringe benefits tax	1986-87	83	122	153	125
	1987-88	126	191	193	171
	1988-89	*159	182	201	183
Total major labour costs	1986-87	17,406	20,697	23,486	20,985
•	1987-88	18,282	24,139	24,183	22,310
	1988-89	19,390	25,532	26,142	23,815
Superannuation-					
Cost per employee					
covered	1986-87	3,572	2,054	1,628	2,044
	1987-88	4,089	2,186	1,548	2,070
	1988-89	3,110	1,660	1,357	1,713
Employees covered	1986-87	18.1	p 25.2	er cent	31.8
Employees covered	1987-88	17.0	32.5	46.1	34.1
	1988-89	21.0	38.8	55.1	40.6
		PUBI	LIC		
				dollars—	
Earnings	1986-87	20,223	19,687	23,055	22,933
	1987-88	20,816 17,338	21,272 21,885	24,671 26,267	24,552 26,080
	1988-89	17,550	21,005	20,207	20,000
Other labour costs	1986-87	2,142	2,149	3,093	3,058
	1987-88	2;122	2,308	3,550	3,507
	1988-89	2,108	2,555	4,069	4,011
Payroll tax	1986-87	204	201	706	687 680
	1987-88 1988-89	191 *113	272 247	695 867	844
Superannuation	1986-87	1,424	1,432	1,778	1,765
Superannuation	1987-88	1,423	1,481	2,188	2,163
	1988-89	1,547	1,692	2,495	2,465
Workers' compensation	1986-87	433	472	562	559
······································	1987-88	394	468	593	589
	1988-89	344	522	626	621
Fringe benefits tax	1986-87	81	43	47	47
	1987-88	114	86	74	75
	1988-89	*104	94	81	82
Total major labour costs	1986-87	22,375	21,836	26,148	25,991
	1987-88	22,938	23,580	28,222	28,058
	1988-89	19,446	24,441	30,336	30,091
Superannuation					
Cost per employee	1004 07	0.700	0.700	0.700	0.705
covered	1986-87	2,632	2,720	2,788	2,785
	1987-88 1988-89	2,684 3,303	2,594 2,245	3,199 2,735	3,182 2,725
			-	-per cent-	
Employees covered	1986-87	54.1	52.6	63.8	63.4
	1987-88	53.0	57.1	68.4 91.2	68.0 90.4
	1988-89	46.8	75.4	91.2	90.4

#### TABLE 6. MAJOR LABOUR COSTS: TYPE OF LABOUR COST, EMPLOYER SIZE AND SECTOR Average Costs Per Employee

Type of labour cost		Less than 20 employees	20-99 employees	100 or more employees	Total
		PRIVATE AN	D PUBLIC		
				dollars—	
Earnings	1986-87	16,154	18,774	21,924	20,166
0	1987-88	16,942	21,742	22,964	21,417
	1988-89	18,036	23,057	24,661	22,845
Other labour costs	1986-87	1,283	1,990	2,848	2,370
	1987-88	1,370	2,366	3,046	2,563
Pavroll tax	1988-89	1,355	2,419	3,367	2,742
Payroll tax	1986-87	129	788	907	722
2	1987-88	134	891	927	743
	1988-89	131	965	1,068	831
Superannuation	1986-87	653	572	1,230	996
	1987-88	699	753	1,381	1,130
	1988-89	659	699	1,533	1,194
Workers' compensation	1986-87	417	512	609	552
1	1987-88	411	537	599	547
	1988-89	406	577	619	562
Fringe benefits tax	1986-87	83	118	102	100
5	1987-88	126	185	139	143
	1988-89	*159	178	147	155
Total major labour costs	1986-87	17,437	20,764	24,772	22,536
-	1987-88	18,311	24,107	26,010	23,980
	1988-89	19,391	25,476	28,028	25,587
Superannuation— Cost per employee					
covered	1986-87	3,554	2,131	2,294	2,394
	1987-88	4,062	2,224	2,457	2,570
	1988-89	3,113	1,716	2,149	2,186
			-1	per cent-	,
Employees covered	1986-87	18.4	26.9	53.6	41.6
	1987-88	17.2	33.9	56.2	44.0
	1988-89	21.2	40.7	71.3	54.6

# TABLE 6. MAJOR LABOUR COSTS: TYPE OF LABOUR COST, EMPLOYER SIZE AND SECTOR—continued Average Costs Per Employee

Type of labour cost		Less than 20 employees	20-99 employees	100 or more employees	Total
		PRIVA	TE		
Earnings	1986-87	92.7	90.4	88.9	90.2
	1987-88	92.5	90.2	89.1	90.2
	1988-89	93.0	90.6	89.3	90.6
Other labour costs	1986-87	7.3	9.6	11.2	9.8
	1987-88	7.5	9.8	10.9	9.8
	1988-89	7.0	9.4	10.7	9.4
Payroll tax	1986-87	0.7	4.0	4.7	3.5
	1987-88	0.8	3.8	4.6	3.5
	1988-89	0.7	3.9	4.7	3.5
Superannuation	1986-87	3.7	2.5	3.1	3.1
	1987-88	3.8	2.9	3.0	3.2
Wedness' commencestion	1988-89	3.4	2.5 2.5	2.9 2.8	2.9
Workers' compensation	1986-87	2.6 2.2		2.8	2.6
	1987-88 1988-89	2.1	2.2 2.3	2.3	2.4 2.3
E-ines herefits ter	1988-89	0.5	0.6	0.7	2.3
Fringe benefits tax	1987-88	0.7	0.8	0.8	0.8
	1988-89	*0.8	0.8	0.8	0.8
Total major labour costs	1986-87	100.0	100.0	100.0	100.0
Total major labour costs	1980-87 1987-88	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0
		PUBL	IC		
Earnings	1986-87	90.4	90.2	88.2	88.2
	1987-88	90.8	90.2	87.4	87.5
	1988-89	89.2	89.5	86.6	86.7
Other labour costs	1986-87	9.6	9.8	11.8	11.8
	1987-88	9.2	9.8	12.6	12.5
	1988-89	10.8	10.5	13.4	13.3
Payroll tax	1986-87	0.9	0.9	2.7	2.6
Payroll tax	1987-88	0.8	1.2	2.5	2.4
	1988-89	*0.6	1.0	2.9	2.8
Superannuation	1986-87	6.4	6.6	6.8	6.8
1	1987-88	6.2	6.3	7.8	7.7
	1988-89	8.0	6.9	8.2	8.2
Workers' compensation	1986-87	1.9	2.2	2.2	2.2
-	1987-88	1.7	2.0	2.1	2.1
	1988-89	1.8	2.1	2.1	2.1
Fringe benefits tax	1986-87	0.4	0.2	0.2	0.2
	1987-88	0.5	0.4	0.3	0.3
	1988-89	0.5	0.4	0.3	0.3
Total major labour costs	1986-87	100.0	100.0	100.0	100.0
	1987-88	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0
		PRIVATE ANI			
Earnings	1986-87	92.6	90.4 90.2	88.5	89.5
	1987-88 1988-89	92.5 93.0	90.5	88.3 88.0	89.3 89.3
Other John Street					
Other labour costs	1986-87	7.4	9.6 9.8	11.5 11.7	10.5 10.7
	1987-88	7.5	9.8 9.5		10.7
Periodi tex	<i>1988-89</i> 1986-87	7.0 0.7	3.8	12.0 3.7	3.2
Payroll tax	1986-87	0.7	3.8	3.6	3.2
	1988-89	0.7	3.8	3.8	3.2
Superannuation	1986-87	3.7	2.8	5.0	4.4
Saparamuation	1987-88	3.8	3.1	5.3	4.7
	1988-89	3.4	2.7	5.5	4.7
Workers' compensation	1986-87	2.4	2.5	2.5	2.5
F-monitori	1987-88	2.2	2.2	2.3	2.3
	1988-89	2.1	2.3	2.2	2.2
Fringe benefits tax	1986-87	0.5	0.6	0.4	0.5
	1987-88	0.7	0.8	0.5	0.6
	1988-89	*0.8	0.7	0.5	0.6
Total major labour costs	1986-87	100.0	100.0	100.0	100.0
	1987-88	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0

# TABLE 7. MAJOR LABOUR COSTS: TYPE OF LABOUR COST, EMPLOYER SIZE AND SECTOR Costs as a Percentage of Major Labour Costs (per cent)

		Less than 20	20-99	100 or more	_
Type of labour cost	5	employees	employees	employees	Total
		PRIVA	TE		
Payroll tax	1986-87	0.8	4.4	5.3	3.9
	1987-88	0.8	4.3	5.2	3.8
	1988-89	0.7	4.3	5.3	3.8
Superannuation	1986-87	4.0	2.8	3.4	3.4
	1987-88	4.2	3.3	3.3	3.5
	1988-89	3.6	2.8	3.2	3.2
Workers' compensation	1986-87	2.6	2.8	3.1	2.9
1	1987-88	2.4	2.5	2.8	2.6
	1988-89	2.3	2.5	2.6	2.5
Fringe benefits tax	1986-87	0.5	0.7	0.7	0.7
	1987-88	0.7	0.9	0.9	0.9
	1988-89	*0.9	0.8	0.9	0.8
Other labour costs	1986-87	7.9	10.6	12.6	10.9
	1987-88	8.1	10.9	12.2	10.8
	1988-89	7.5	10.4	12.0	10.4
		PUBL	IC		
Payroll tax	1986-87	1.0	1.0	3.1	3.0
	1987-88	0.9	1.3	2.8	2.8
	1988-89	*0.7	1.1	3.3	3.2
Superannuation	1986-87	7.0	7.3	7.7	7.7
	1987-88	6.9	7.0	8.9	8.8
	1988-89	8.9	7.7	9.5	9.5
Workers' compensation	1986-87	2.1	2.4	2.4	2.4
Workers compensation	1987-88	1.9	2.2	2.4	2.4
	1988-89	2.0	2.4	2.4	2.4
Fringe benefits tax	1986-87	0.4	0.2	0.2	0.2
Timge benefitis tak	1987-88	0.5	0.4	0.3	0.3
	1988-89	0.6	0.4	0.3	0.3
Other labour costs	1986-87	10.6	10.9	13.4	13.3
Other habbar costs	1987-88	10.0	10.9	14.4	14.3
	1988-89	12.2	11.7	15.5	14.5
		PRIVATE AN			
Payroll tax	1986-87	0.8	4.2	4.1	3.6
1 agrout tax	1987-88	0.8	4.2	4.0	3.5
	1988-89	0.7	4.1	4.0	3.6
Superannuation	1986-87	4.0	3.1	5.6	4.9
Supramuation	1987-88	4.0	3.5	6.0	5.3
	1988-89	3.7	3.0	6.2	5.2
Workers' commencetion			2.7	2.8	
Workers' compensation	1986-87 1987-88	2.6 2.4	2.5		2.7
				2.6	2.6
Eninge henefits to	1988-89	2.3	2.5	2.5	2.5
Fringe benefits tax	1986-87	0.5	0.6	0.5	0.5
	1987-88 1988-89	0.7 *0.9	0.9 0.8	0.6 0.6	0.7 0.7
	1700-07	0.9	0.0	0.0	0.7
Other labour costs	1986-87	7.9	10.6	13.0	11.8
	1987-88	8.1	10.9	13.3	12.0
	1988-89	7.5	10.5	13.7	12.0

#### TABLE 8. 'OTHER LABOUR COSTS': TYPE OF LABOUR COST, EMPLOYER SIZE AND SECTOR Ratio of 'Other Labour Costs' to Earnings (per cent)

Type of labour cost		Mining	Manufact- uring	Electricity, gas and water	Construction	Wholesale and retail trade	Transport, storage and commun- ication	Finance, property and business services	Community services	Recreation, personal and other services	Total
				TOT	TAL COSTS (\$ n	nillion)					
Earnings	1986-87 1987-88 1988-89	2,844 2,790 3,058	20,916 23,247 26,273	151 164 154	4,445 5,193 6,427	16,651 19,082 21,574	3,559 3,669 3,884	13,363 15,556 16,591	7,097 8,974 9,516	3,667 5,919 6,106	72,694 84,596 93,582
Other labour costs	1986-87 1987-88 1988-89	420 399 433	2,663 2,849 3,134	22 26 24	555 675 753	1,569 1,814 2,134	412 404 406	1,558 1,939 1,801	445 591 636	275 449 409	7,919 9,146 9,730
Payroll tax	1986-87 1987-88 1988-89	<i>433</i> 152 139 156	1,007 1,115 1,271	8 9 9	138 150 200	2,134 577 649 773	148 145 160	600 704 720	92 124	111	2,834 3,230 3,583
Superannuation	1986-87 1987-88 1988-89	124 114 133	666 732 813	9 12 *11	158 226 263	491 563 645	119 112 110	640 830 612	124 233 283 328	170 *57 *98 99	2,497 2,969 3,014
Workers' compensation	1986-87 1987-88 1988-89	110 99 103	904 876 902	4 4 3	229	397 428 469	133 125 114	138 143 211	107 160 160	88 132 116	2,109 2,227 2,338
Fringe benefits tax	1986-87 1987-88 1988-89	33 48 41	86 127 148	*1 *1 *1	260 259 *30 *38 32	104 173 *246	13 22 22	180 262 259	14 25 24	18 24 23	479 719 795
Total major labour costs	1986-87 1987-88 1988-89	3,264 3,189 3,491	23,580 26,097 29,406	173 190 178	5,000 5,868 7,180	18,220 20,896 23,708	3,971 4,073 4,290	14,922 17,494 18,391	7,542 9,565 10,152	3,942 6,368 6,514	80,613 93,741 103,312
	899 ga na manana manana kata na kata na manga na			AVERAC	E COSTS PER I	EMPLOYEE					
Earnings	1986-87 1987-88 1988-89	35,453 37,874 40,722	20,954 23,386 25,385	26,075 27,924 28,527	22,362 23,211 24,806	dollars 15,725 16,734 17,602	23,224 24,563 26,236	21,671 24,988 25,066	16,889 18,767 19,405	11,849 11,514 13,953	18,923 20,133 21,572
Other labour costs	1986-87 1987-88 1988-89	5,237 5,419 5,765	2,668 2,866 3,028	3,767 4,329 4,514	2,791 3,017 2,907	1,481 1,590 1,741	2,691 2,704 2,743	2,527 3,114 2,721	1,059 1,236 1,297	888 874 934	2,061 2,177 2,247
Payroll tax	1986-87 1987-88 1988-89	1,898 1,884 2,077	1,009 1,121 1,228	1,441 1,577 1,599	695 672 770	1,741 545 569 631	967 972	973 1,131 1,087	218	360 380 389	2,243 738 769 826
Superannuation	1986-87 1987-88 1988-89	1,551 1,546 1,775	668 736 785	1,568 1,964 2,086	792 1,012 1,015	464 494 526	1,084 775 748 740	1,038	259 254 554 592 668	*185 *190	650 707
Workers' compensation	1986-87 1987-88 1988-89	1,373 1,343 1,365	906 882 872	623 599 595	1,152 1,161 1,000	374 376 383	866 839 773	925 224 229 318	668 254 334 326	227 285 258 266	695 549 530 539
Fringe benefits tax	1986-87 1987-88 1988-89	415 646 548	86 128 143	134 189 234	*152 *172 122	98 152 201	83 145 146	292 421 391	32 52 48	58 *46 52	539 125 171 183
Total major labour costs	1986-87 1987-88 1988-89	40,690 43,292 46,487	23,622 26,252 28,413	29,841 32,253 33,041	25,152 26,228 27,713	17,206 18,325 19,344	25,915 27,267 28,979	24,198 28,103 27,787	17,948 20,003 20,702	12,736 12,387 14,887	20,985 22,310 23,815
Superannuation— Cost per employee		2.155		1.001	1.055	105	a 170				
covered	1986-87 1987-88 1988-89	2,157 2,044 2,227	1,496 1,345 1,285	1,831 2,177 2,332	1,920 2,269 2,040	1,962 2,136 1,895	2,170 1,836 1,734	2,947 3,259 2,294	3,061 3,052 1,752	*1,717 *1,693 1,306	2,044 2,070 1,713
Employees covered	1986-87 1987-88 1988-89	71.9 75.6 79.7	44.6 54.7 61.1	85.7 90.2 89.4	41.3 44.6 49.7	per cent 23.6 23.0 27.8	35.7 40.8 42.7	35.2 40.9 40.3	18.1 19.4 38.1	*10.7 11.2 17.4	31.8 34.1 40.6

#### TABLE 9. MAJOR LABOUR COSTS, PRIVATE SECTOR : TYPE OF LABOUR COST AND INDUSTRY(a)

(a) Finer level industry statistics are available on request.

Type of labour cost		Mining	Manufact- uring	Electricity, gas and water	Construction	Wholesale and retail trade	Transport, storage and commun- ication	Finance, property and business services	Community services	Recreation, personal and other services	Total
			COSTS A	S A PERCENT	AGE OF MAJOF	R LABOUR COST	IS (per cent)				
Earnings	1986-87	87.1	88.7	87.4	88.9	91.4	89.6	89.6	94.1	93.0	90.2
	1987-88	87.5	89.1	86.6	88.5	91.3	90.1	88.9	93.8	93.0	90.2
	1988-89	87.6	89.3	86.3	89.5	91.0	90.5	90.2	93.7	93.7	90.6
Other labour costs	1986-87	12.9	11.3	12.6	11.1	8.6	10.4	10.4	5.9	7.0	9.8
	1987-88	12.5	10.9	13.4	11.5	8.7	9.9	11.1	6.2	7.1	9.8
	1988-89	12.4	10.7	13.7	10.5	9.0	9.5	9.8	6.3	6.3	9.4
Payroll tax	1986-87	4.7	4.3	4.8	2.8	3.2	3.7	4.0	1.2	2.8	3.5
	1987-88	4.4	4.3	4.9	2.6	3.1	3.6	4.0	1.3	3.1	3.5
	1988-89	4.5	4.3	4.8	2.8	3.3	3.7	3.9	1.2	2.6	3.5
Superannuation	1986-87	3.8	2.8	5.3	3.2	2.7	3.0	4.3	3.1	*1.5	3.1
	1987-88	3.6	2.8	6.1	3.9	2.7	2.7	4.8	3.0	*1.5	3.2
	1988-89	3.8	2.8	6.3	3.7	2.7	2.6	3.3	3.2	1.5	2.9
Workers' compensation	1986-87	3.4	3.8	2.1	4.6	2.2	3.3	0.9	1.4	2.2	2.6
	1987-88	3.1	3.4	1.9	4.4	2.1	3.1	0.8	1.7	2.1	2.4
	1988-89	2.9	3.1	1.8	3.6	2.0	2.7	1.1	1.6	1.8	2.3
Fringe benefits tax	1986-87	1.0	0.4	0.5	*0.6	0.6	0.3	1.2	0.2	0.5	0.6
	1987-88	1.5	0.5	0.6	0.7	0.8	0.5	1.5	0.3	0.4	0.8
	1988-89	1.2	0.5	0.7	0.4	*1.0	0.5	1.4	0.2	0.4	0.8
Total major labour costs	1986-87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1987-88	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			RATIO	OF 'OTHER LA	ABOUR COSTS'	TO EARNINGS	(per cent)				
Payroll tax	1986-87	5.4	4.8	5.5	3.1	3.5	4.2	4.5	1.3	3.0	3.9
	1987-88	5.0	4.8	5.7	2.9	3.4	4.0	4.5	1.4	3.3	3.8
	1988-89	5.1	4.8	5.6	3.1	3.6	4.1	4.3	1.3	2.8	3.8
Superannuation	1986-87	4.4	3.2	6.0	3.5	3.0	3.3	4.8	3.3	*1.6	3.4
	1987-88	4.1	3.2	7.0	4.4	3.0	3.1	5.3	3.2	*1.7	3.5
	1988-89	4.4	3.1	7.3	4.1	3.0	2.8	3.7	3.4	1.6	3.2
Workers' compensation	1986-87	3.9	4.3	2.4	5.2	2.4	3.7	1.0	1.5	2.4	2.9
	1987-88	3.6	3.8	2.2	5.0	2.2	3.4	0.9	1.8	2.2	2.6
	1988-89	3.4	3.4	2.1	4.0	2.2	2.9	1.3	1.7	1.9	2.5
Fringe benefits tax	1986-87	1.2	0.4	0.5	*0.7	0.6	0.4	1.4	0.2	0.5	0.7
	1987-88	1.7	0.6	0.7	*0.7	0.9	0.6	1.7	0.3	0.4	0.9
	1988-89	1.3	0.6	0.8	0.5	*1.1	0.6	1.6	0.2	0.4	0.8
Other labour costs	1986-87	14.8	12.7	14.5	12.5	9.4	11.6	11.7	6.3	7.5	10.9
	1987-88	14.3	12.3	15.5	13.0	9.5	11.0	12.5	6.6	7.6	10.8
	1988-89	14.2	11.9	15.8	11.7	9.9	10.5	10.9	6.7	6.7	10.4

TABLE 9. MAJOR LABOUR COSTS, PRIVATE SECTOR : TYPE OF LABOUR COST AND INDUSTRY(a) - continued

(a) Finer level industry statistics are available on request.

Type of labour cost		Mining	Manufact- uring	Electricity, gas and water	Construction	Wholesale and retail trade	Transport and storage	Commun- ication	Finance, property and business services	Public administra- tion and defence	Community services	Recreation, personal and other services	Total
					TOTAL	COSTS (\$ n	nillion)						
Earnings	1986-87 1987-88 1988-89	240 255 261	1,130 1,106 1,010	3,193 3,329 3,346	1,075 1,242 1,180	128 155 125	3,788 3,949 4,067	2,932 3,111 3,407	2,134 2,362 2,506	6,964 7,323 7,886	17,433 18,873 20,151	560 555 557	39,566 42,266 44,497
Other labour costs	1986-87 1987-88 1988-89	50 55 56	190 255 182	503 555 599	159 222 228	19 22 17	649 730 764	536 490 735	371 459 519	833 960 1,165	1,902 2,227 2,535	63 63 45	5,275 6,037 6,844
Payroll tax	1986-87 1987-88	14 14 15 21	41 42	171 184	49 51	6 7		- 184 - 193	102 122	86 96	522 450	11 11	1,186 1,170
Superannuation	1988-89 1986-87 1987-88	15 21 21 21	41 96 164 104	186 238 263 295	54 73 119 123	6 10 10 8	204 356 416 424	194 454 399 451	132 198 247 277	111 556 639 818	487 1,006 1,407 1,663	10 37 38 20	1,440 3,045 3,724 4,205
Workers' compensation	1988-89 1986-87 1987-88 1988-89	15 19 19	51 46 34	87 99 106	35 48 45	2 3 2	108 116 125	431 74 80 83	37 34 54 34 56	176 202 211	365 354 366	14 12 14	964 1,013 1,060
Fringe benefits tax	1986-87 1987-88 1988-89		1 2 2	7 9 11	2 4 5	1 1 *1	11	10 16 8	34 56 56	15 23 25	9 16 19	1 1 1	81 129 139
Total major labour costs	1986-87 1987-88 1988-89	290 310 317	1,320 1,361 1,192	3,695 3,884 3,945	1,234 1,464 1,408	146 177 142	4,437 4,679 4,831	3,468 3,601 4,142	2,505 2,821 3,026	7,797 8,283 9,051	19,335 21,100 22,687	613 622 602	44,841 48,302 51,341
		-			AVERAGE	COSTS PER	EMPLOYEE						
Earnings	1986-87 1987-88 1988-89	34,497 36,652 38,458	23,118 23,823 25,125	26,400 28,988 30,247	23,776 25,486 27,690	21,458 24,100 24,700	dollars 25,583 27,979 30,228	22,361 24,126 27,245	20,006 22,201 23,096	22,037 23,393 25,426	22,641 24,067 25,190	21,568 22,984 24,625	22,933 24,552 26,080
Other labour costs	1986-87 1987-88 1988-89	7,209 7,901 8,224	3,884 5,497 4,518	4,156 4,829 5,411	3,523 4,553 5,349	3,162 3,405 3,271	4,386 5,170 5,680	4,089 3,799 5,882	3,478 4,312 4,784	2,635 3,067 3,755	2,470 2,840 3,169	2,482 2,567 2,003	3,058 3,507 4,011
Payroll tax	1986-87 1987-88 1988-89	1,990 2,061 2,200	836 914 1.025	1,417 1,600 1,682	1,086 1,041 1,275	1,012 1,142 1,104	1,519	- 658	959 1,149 1,216	271 306 358	678 573 608	439 457 441	687 680 844
Superannuation	1986-87 1987-88	3,011 2,994	1,973 3,543	1,967 2,287	1,613 2,451	1,664 1,598	2,403 2,946	3,463 3,096	1,853 2,319 2,557	1,760 2,043	1,307 1,794	1,467 1,576	1,765 2,163
Workers' compensation	1988-89 1986-87 1987-88 1988-89	3,082 2,168 2,791 2,857	2,599 1,047 998 841	2,670 716 859 960	2,895 779 986 1,067	1,532 363 448 426	3,152 730 821 927	3,605 565 622 660	344 320 500	2,639 556 644 679	2,079 474 452 458	877 536 479 631	2,465 559 589 621
Fringe benefits tax	1986-87 1987-88 1988-89	40 56 85	28 42 53	56 82 98	45 76 112	123 217 210	82	36 59 67	322 523 512	48 74 79	12 20 24	40 55 53	47 75 82
Total major labour costs	1986-87 1987-88 1988-89	41,705 44,552 46,682	27,003 29,302 29,643	30,555 33,817 35,657	27,298 30,039 33,039	24,620 27,505 27,971	29,970 33,149 35,908	26,450 27,925 33,127	23,484 26,512 27,879	24,672 26,460 29,181	25,112 26,907 28,358	24,049 25,551 26,628	25,991 28,058 30,091
Superannuation-													
Cost per employee covered	1986-87 1987-88 1988-89	3,240 3,202 3,335	3,631 5,332 2,870	2,470 2,692 2,747	2,565 3,447 3,042	2,675 2,708 2,362	3,661 4,223 3,267	3,777 3,309 3,634	2,493 2,977 2,879	2,373 2,659 3,015	2,578 3,188 2,348	3,534 2,880 1,037	2,785 3,182 2,725
Employees covered	1986-87 1987-88 1988-89	92.9 93.5 92.4	54.3 66.5 90.6	79.6 85.0 97.2	62.9 71.1 95.1	62.2 59.0 64.9	—per cent— 65.6 69.8 96.5	91.7 93.6 99.2	74.3 77.9 88.8	74.2 76.8 87.5	50.7 56.3 88.5	41.5 54.7 84.6	63.4 68.0 90.4

#### TABLE 10. MAJOR LABOUR COSTS, PUBLIC SECTOR : TYPE OF LABOUR COST AND INDUSTRY(a)

(a) Finer level industry statistics are available on request.

Type of labour cost		Mining	Manufact- uring	Electricity, gas and water		Wholesale and retail trade	Transport and storage	Commun- ication	Finance, property and business services	Public administra- tion and defence	Community services	Recreation, personal and other services	Total
				COSTS AS A	PERCENTAC	JE OF MAJOH	R LABOUR C	OSTS (per cent)	)				
Earnings	1986-87	82.7	85.6	86.4	87.1	87.2	85.4	84.5	85.2	89.3	90.2	89.7	88.2
	1987-88	82.3	81.3	85.7	84.8	87.6	84.4	86.4	83.7	88.4	89.5	90.0	87.5
	1988-89	82.4	84.8	84.8	83.8	88.3	84.2	82.2	82.8	87.1	88.8	92.5	86.7
Other labour costs	1986-87	17.3	14.4	13.6	12.9	12.8	14.6	15.5	14.8	10.7	9.8	10.3	11.8
	1987-88	17.7	18.8	14.3	15.2	12.4	15.6	13.6	16.3	11.6	10.6	10.1	12.5
	1988-89	17.6	15.2	15.2	16.2	11.7	15.8	17.8	17.2	12.9	11.2	7.5	13.3
Payroll tax	1986-87 1987-88 1988-89	4.8 4.6 4.7	3.1 3.1 3.5	4.6 4.7 4.7	4.0 3.5 3.9	4.1 4.2 3.9	4.2	- 2.3	4.1 4.3 4.4	1.1 1.2 1.2	2.7 2.1 2.1	1.8 1.8 1.7	2.6 2.4 2.8
Superannuation	1986-87	7.2	7.3	6.4	5.9	6.8	8.0	13.1	7.9	7.1	5.2	6.1	6.8
	1987-88	6.7	12.1	6.8	8.2	5.8	8.9	11.1	8.8	7.7	6.7	6.2	7.7
	1988-89	6.6	8.8	7.5	8.8	5.5	8.8	10.9	9.2	9.0	7.3	3.3	8.2
Workers' compensation	1986-87	5.2	3.9	2.3	2.9	1.5	2.4	2.1	1.5	2.3	1.9	2.2	2.2
	1987-88	6.3	3.4	2.5	3.3	1.6	2.5	2.2	1.2	2.4	1.7	1.9	2.1
	1988-89	6.1	2.8	2.7	3.2	1.5	2.6	2.0	1.8	2.3	1.6	2.4	2.1
Fringe benefits tax	1986-87 1987-88 1988-89	0.1 0.1 0.2	0.1 0.1 0.2	0.2 0.2 0.3	0.2 0.3 0.3	0.5 0.8 0.7	0.2	- 0.1 - 0.2	1.4 2.0 1.8	0.2 0.3 0.3	0.1 0.1 0.1	0.2 0.2 0.2	0.2 0.3 0.3
Total major labour costs	1986-87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1987-88	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				RATIO OF	'OTHER LAE	BOUR COSTS'	TO EARNIN	GS (per cent)					
Payroll tax	1986-87 1987-88 1988-89	5.8 5.6 5.7	3.6 3.8 4.1	5.4 5.5 5.6	4.6 4.1 4.6	4.7 4.7 4.5	5.0	- 2.7 - 2.7 5.7	4.8 5.2 5.3	1.2 1.3 1.4	3.0 2.4 2.4	2.0 2.0 1.8	3.0 2.8 3.2
Superannuation	1986-87	8.7	8.5	7.5	6.8	7.8	9.4	15.5	9.3	8.0	5.8	6.8	7.7
	1987-88	8.2	14.9	7.9	9.6	6.6	10.5	12.8	10.5	8.7	7.5	6.9	8.8
	1988-89	8.0	10.3	8.8	10.5	6.2	10.4	13.2	11.1	10.4	8.3	3.6	9.5
Workers' compensation	1986-87	6.3	4.5	2.7	3.3	1.7	2.9	2.5	1.7	2.5	2.1	2.5	2.4
	1987-88	7.6	4.2	3.0	3.9	1.9	2.9	2.6	1.4	2.8	1.9	2.1	2.4
	1988-89	7.4	3.3	3.2	3.9	1.7	3.1	2.4	2.2	2.7	1.8	2.6	2.4
Fringe benefits tax	1986-87 1987-88 1988-89	0.1 0.2 0.2	0.1 0.2 0.2	0.2 0.3 0.3	0.2 0.3 0.4	0.6 0.9 0.8	0.3	- 0.2 - 0.2 0.2	1.6 2.4 2.2	0.2 0.3 0.3	0.1 0.1 0.1	0.2 0.2 0.2	0.2 0.3 0.3
Other labour costs	1986-87	20.9	16.8	15.7	14.8	14.7	17.2	18.3	17.4	12.0	10.9	11.5	13.3
	1987-88	21.6	23.1	16.7	17.9	14.1	18.5	15.8	19.4	13.1	11.8	11.2	14.3
	1988-89	21.4	18.0	17.9	19.3	13.2	18.8	21.6	20.7	14.8	12.6	8.1	15.4

TABLE 10. MAJOR LABOUR COSTS, PUBLIC SECTOR : TYPE OF LABOUR COST AND INDUSTRY(a) - continued

(a) Finer level industry statistics are available on request.

Type of labour cost		Mining	Manufact- uring	Electricity, gas and water	Construction	Wholesale and retail trade	Transport, storage and commun- ication	Finance, property and business services	Public administra- tion and defence	Community services	Recreation, personal and other services	Total
					TOTAL COS	TS (\$ million)						
Earnings	1986-87 1987-88 1988-89	3,084 3,045 3,319	22,046 24,353 27,283	3,344 3,494 3,500	5,520 6,435 7,607	16,779 19,237 21,699	10,278 10,730 11,357	15,497 17,918 19,097	6,964 7,323 7,886	24,529 27,847 29,668	4,217 6,479 6,662	112,260 126,861 138,078
Other labour costs	1986-87 1987-88 1988-89	470 454 489	2,853 3,105 3,315	524 580 623	714 897 981	1,588 1,835 2,151	1,598 1,624 1,906	1,929 2,397 2,320	833 960 1,165	2,347 2,818 3,171	338 512 454	13,194 15,182 16,574
Payroll tax	1986-87 1987-88 1988-89	166 153 171	1,048 1,157 1,312	180 193 195	187 201 254	583 656 779	332 338 559	702 826 851	86 96 111	614 574 611	123 205 180	4,019 4,401 5,023
Superannuation	1986-87 1987-88 1988-89	145 135 154	763 896 917	247 274 307	230 346 386	501 573 653	929 927 984	838 1,077 890	556 639 818	1,239 1,690 1,991	95 *136	5,023 5,542 6,694 7,219
Workers' compensation	1986-87 1987-88 1988-89	125 118 122	956 923 936	90 102 109	264 308 305	399 431 472	315 321 322	175 177 265	176 202 211	472 514 526	119 102 144 131	3,073 3,240
Fringe benefits tax	1986-87 1986-87 1987-88 1988-89	34 48 42	87 129 150	105 8 11 12	*32 *42 36	105 174 *248	23 38 41	215 318 314	15 23 25	23 41 43	131 19 25 24	3,397 559 848 935
Total major labour costs	1986-87 1987-88 1988-89	3,554 3,499 3,807	24,900 27,458 30,598	3,869 4,074 4,123	6,234 7,332 8,588	18,366 21,073 23,850	11,876 12,354 13,263	17,427 20,315 21,417	7,797 8,283 9,051	26,876 30,666 32,839	4,555 6,990 7,116	125,454 142,043 154,653
	Ţ.			AV	ERAGE COST	S PER EMPLOY	(EE					
Earnings	1986-87 1987-88 1988-89	35,376 37,768 40,535	21,055 23,406 25,375	26,385 28,936 30,167	22,624 23,618 25,213	dollars 15,757 16,776 17,632	23,770 25,578 27,863	21,425 24,581 24,788	22,037 23,393 25,426	20,610 22,059 22,991	12,588 12,032 14,477	20,166 21,417 22,845
Other labour costs	1986-87 1987-88 1988-89	5,395 5,633 5,969	2,725 2,984 3,084	4,138 4,804 5,369	2,926 3,291 3,252	1,491 1,601 1,748	3,695 3,871 4,675	2,667 3,289 3,011	2,635 3,067 3,755	1,972 2,233 2,457	1,009 950 986	2,370 2,563
Payroll tax	1986-87 1987-88 1988-89	1,905 1,899 2,087	1,001 1,112	1,418 1,599 1,678	3,252 767 738 842	548 572 633	4,075 767 805 1,370	971 1,133 1,105	271 306 358	2,457 516 454 474	960 366 383 391	2,742 722 743 831
Superannuation	1986-87 1987-88 1988-89	1,667 1,671 1,883	1,220 728 861 853	1,948 2,272 2,643	944 1.269	471 500 531	2,148 2,210 2,415	1,103 1,158 1,478 1,155	1,760 2,043 2,639	1,041 1,339 1,543	282 *253 259	996 1,130 1,194
Workers' compensation	1986-87 1987-88 1988-89	1,437 1,468 1,489	913 887 871	712 846 943	1,280 1,083 1,129 1,010	374 376 383	728 766 789	242 243 344	556 644 679	397 407 408	239 304 268 284	552 547 562
Fringe benefits tax	1986-87 1987-88 1988-89	385 595 510	83 124 139	60 87 105	*132 154 121	98 152 *201	53 90 101	297 436 408	48 74 79	19 32 33	56 47 52	100 143 155
Total major labour costs	1986-87 1987-88 1988-89	40,771 43,401 46,503	23,780 26,389 28,459	30,523 33,741 35,536	25,550 26,909 28,465	17,248 18,376 19,379	27,465 29,449 32,539	24,092 27,871 27,800	24,672 26,460 29,181	22,583 24,292 25,449	13,598 12,983 15,463	22,536 23,980 25,587
Superannuation— Cost per employee covered	1986-87 1987-88	2,266	1,617	2,438	2,086	1,972	3,412	2,826	2,373	2,657	2,156	2,394 2,570
	1987-88 1988-89	2,165 2,332	1,559 1,371	2,665 2,729	2,573 2,280	2,144 1,899 —per cent—	3,310 3,105	3,190 2,449	2,659 3,015	3,164 2,223	1,916 1,252	2,570 2,186
Employees covered	1986-87 1987-88 1988-89	73.6 77.2 80.7	45.1 55.3 62.2	79.9 85.2 96.8	45.3 49.3 56.2	per cent 23.9 23.2 27.9	62.9 66.8 77.8	41.0 46.3 47.1	74.2 76.8 87.5	39.2 42.3 69.4	13.1 13.2 20.7	41.6 44.0 54.6

#### TABLE 11. MAJOR LABOUR COSTS, PRIVATE AND PUBLIC SECTORS : TYPE OF LABOUR COST AND INDUSTRY(a)

(a) Finer level industry statistics are available on request.

Type of labour cost		Mining	Manufact- uring	Electricity, gas and water	Construction	Wholesale and retail trade	Transport, storage and commun- ication	Finance, property and business services	Public administra- tion and defence	Community services	Recreation, personal and other services	Total
			COS	IS AS A PER	CENTAGE OF	MAJOR LABOU	UR COSTS (per	cent)				
Earnings	1986-87	86.8	88.5	86.4	88.6	91.4	86.6	88.9	89.3	91.3	92.6	89.5
	1987-88	87.0	88.7	85.8	87.8	91.3	86.9	88.2	88.4	90.8	92.7	89.3
	1988-89	87.2	89.2	84.9	88.6	91.0	85.6	89.2	87.1	90.3	93.6	89.3
Other labour costs	1986-87	13.2	11.5	13.6	11.5	8.6	13.5	11.1	10.7	8.7	7.4	10.5
	1987-88	13.0	11.3	14.2	12.2	8.7	13.1	11.8	11.6	9.2	7.3	10.7
	1988-89	12.8	10.8	15.1	11.4	9.0	14.4	10.8	12.9	9.7	6.4	10.7
Payroll tax	1986-89 1986-87 1987-88 1988-89	4.7 4.4 4.5	4.2 4.2 4.3	4.7 4.7 4.7	3.0 2.7 3.0	3.2 3.1 3.3	2.8 2.7 4.2	4.0 4.1 4.0	1.1 1.2 1.2	2.3 1.9 1.9	2.7 3.0 2.5	3.2 3.1 3.2
Superannuation	1986-87 1987-88 1988-89	4.1 3.9 4.0	3.1 3.3 3.0	6.4 6.7 7.4	3.7 4.7 4.5	2.7 2.7 2.7 2.7	7.8 7.5 7.4	4.8 5.3 4.2	7.1 7.7 9.0	4.6 5.5 6.1	2.1 *2.0 1.7	4.4 4.7 4.7
Workers' compensation	1986-87	3.5	3.8	2.3	4.2	2.2	2.7	1.0	2.3	1.8	2.2	2.5
	1987-88	3.4	3.4	2.5	4.2	2.1	2.6	0.9	2.4	1.7	2.1	2.3
	1988-89	3.2	3.1	2.7	3.5	2.0	2.4	1.2	2.3	1.6	1.8	2.2
Fringe benefits tax	1986-87	0.9	0.4	0.2	*0.5	0.6	0.2	1.2	0.2	0.1	0.4	0.5
	1987-88	1.4	0.5	0.3	0.6	0.8	0.3	1.6	0.3	0.1	0.4	0.6
	1988-89	1.1	0.5	0.3	0.4	*1.0	0.3	1.5	0.3	0.1	0.3	0.6
Total major labour costs	1986-87	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1987-88	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1988-89	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			RA	TIO OF 'OTH	IER LABOUR	COSTS' TO EAL	RNINGS (per c	ent)				
Payroll tax	1986-87	5.4	4.8	5.4	3.4	3.5	3.2	4.5	1.2	2.5	2.9	3.6
	1987-88	5.0	4.8	5.5	3.1	3.4	3.2	4.6	1.3	2.1	3.2	3.5
	1988-89	5.1	4.8	5.6	3.3	3.6	4.9	4.5	1.4	2.1	2.7	3.6
Superannuation	1988-89 1986-87 1987-88 1988-89	4.7 4.4 4.6	3.5 3.7 3.4	7.4 7.9 8.8	4.2 5.4 5.1	3.0 3.0 3.0 3.0	9.0 8.6 8.7	5.4 6.0 4.7	8.0 8.7 10.4	5.1 6.1 6.7	2.2 *2.1 1.8	4.9 5.3 5.2
Workers' compensation	1986-87	4.1	4.3	2.7	4.8	2.4	3.1	1.1	2.5	1.9	2.4	2.7
	1987-88	3.9	3.8	2.9	4.8	2.2	3.0	1.0	2.8	1.9	2.2	2.6
	1988-89	3.7	3.4	3.1	4.0	2.2	2.8	1.4	2.7	1.8	2.0	2.5
Fringe benefits tax	1986-87	1.1	0.4	0.2	*0.6	0.6	0.2	1.4	0.2	0.1	0.5	0.5
	1987-88	1.6	0.5	0.3	0.7	0.9	0.4	1.8	0.3	0.2	0.4	0.7
	1988-89	1.3	0.5	0.3	0.5	*1.1	0.4	1.6	0.3	0.1	0.4	0.7
Other labour costs	1986-87	15.3	12.9	15.7	12.9	9.5	15.6	12.5	12.0	9.6	8.0	11.8
	1987-88	14.9	12.8	16.6	13.9	9.5	15.1	13.4	13.1	10.1	7.9	12.0
	1988-89	14.7	12.2	17.8	12.9	9.9	16.8	12.1	14.8	10.7	6.8	12.0

TABLE 11. MAJOR LABOUR COSTS, PRIVATE AND PUBLIC SECTORS : TYPE OF LABOUR COST AND INDUSTRY(a) - continued

(a) Finer level industry statistics are available on request.

		Institutio	nal sector	Level of g	overnment		
Type of labour cost		Trading	Non-trading	Commonwealth	State	Local	Tota
Na kata mangana mangana mangana na mangana kata na kata kat		TOTAL	COSTS (\$ million	n)	99) 46 10 10 10 10 10 10 10 10 10 10 10 10 10		
Earnings	1986-87	10,385	29,181	10,260	26,263	3,043	39,56
0	1987-88	12,010	30,256	10,942	28,119	3,205	42,260
	1988-89	12,712	31,785	11,391	29,668	3,437	44,49
Other labour costs	1986-87	1,821	3,454	1,588	3,365	322	5,27
	1987-88	2,185	3,851	1,715	3,972	350	6,03
	1988-89	2,543	4,301	2,131	4,273	440	6,84
Payroll tax	1986-87	394	791	105	1,048	33	1,18
	1987-88	486	684	132	1,004	34	1,170
	1988-89	704	736	333	1,069	37	1,440
Superannuation	1986-87	1,120	1,925	1,220	1,640	185	3,04
	1987-88	1,291	2,434	1,291	2,220	213	3,724
	1988-89	1,394	2,812	1,443	2,476	286	4,205
Workers' compensation	1986-87	257	707	226	639	99	964
Workers compensation	1987-88	330	683	227	693	93	1,013
	1988-89	360	700	296	656	107	1,060
Fringe benefits tax	1986-87	50	31	36	38	6	1,000
Fillige Delicitis tax	1980-87	50 79	50	64	55	9	129
	1988-89	86	53	58	71	11	139
Total major labour costs	1986-87	12,207	32,635	11,848	29,628	3,366	44,841
rotar major fabour costs	1987-88	14,195	34,107	12,657	32,091	3,554	48,302
	1988-89	15,255	36,086	13,522	33,941	3,877	51,341
			OSTS PER EMPL			,	
				dollars			
Earnings	1986-87	23,959	22,589	23,605	23,074	19,969	22,933
0	1987-88	26,087	23,991	25,315	24,747	20,947	24,552
	1988-89	27,985	25,389	27,767	25,952	22,506	26,080
Other labour costs	1986-87	4,202	2,674	3,653	2,956	2,114	3,058
	1987-88	4,747	3,054	3,967	3,496	2,287	3,507
	1988-89	5,600	3,435	5,194	3,738	2,882	4,011
Payroll tax	1986-87	910	613	242	921	214	687
	1987-88	1,056	542	305	884	223	680
	1988-89	1,549	588	813	935	242	844
Superannuation	1986-87	2,584	1,490	2,808	1,441	1,211	1,765
	1987-88	2,803	1,930	2,988	1,953	1,395	2,163
	1988-89	3,068	2,246	3,518	2,166	1,873	2,465
Workers' compensation	1986-87	592	547	520	561	647	559
··· emere · ·····penearen	1987-88	716	542	526	610	609	589
	1988-89	792	559	723	574	698	621
Fringe benefits tax	1986-87	116	24	83	34	42	47
Thigo conorto un	1987-88	171	40	149	49	60	75
	1988-89	190	42	141	62	69	82
Total major labour costs	1986-87	28,161	25,263	27,259	26,030	22,083	25,991
· ····································	1987-88	30,834	27,045	29,282	28,242	23,234	28,058
	1988-89	33,585	28,824	32,961	29,690	25,389	30,091
Superannuation							
Cost per employee							
covered	1986-87	3,222	2,581	3,360	2,605	1,835	2,785
00,0104	1987-88	3,339	3,104	3,407	3,241	2,000	3,182
	1988-89	3,239	2,526	3,715	2,407	2,268	2,725
	1700-07	5,257	4,040	-per cent-		2,200	2,120
		00.000 0.00					(0.1
Employees covered	1986-87	80.2	577	83.6	22.4	66.0	644
Employees covered	1986-87 1987-88	80.2 84.0	57.7 62.2	83.6 87.7	55.3 60.3	66.0 69.8	63.4 68.0

# TABLE 12. MAJOR LABOUR COSTS, PUBLIC SECTOR: TYPE OF LABOUR COST,<br/>INSTITUTIONAL SECTOR AND LEVEL OF GOVERNMENT

		Institutio	onal sector	1	Level of governmen	t	
Type of labour cost		Trading	Non-trading	Commonwealth	State	Local	Total
	CO	STS AS A PERC	CENTAGE OF M	AJOR LABOUR COST	'S (per cent)		
Earnings	1986-87	85.1	89.4	86.6	88.6	90.4	88.2
	1987-88	84.6	88.7	86.5	87.6	90.2	87.5
	1988-89	83.3	88.1	84.2	87.4	88.6	86.7
Other labour costs	1986-87	14.9	10.6	13.4	11.4	9.6	11.8
	1987-88	15.4	11.3	13.6	12.4	9.8	12.5
	1988-89	16.7	11.9	15.8	12.6	11.4	13.3
Payroll tax	1986-87	3.2	2.4	0.9	3.5	1.0	2.6
	1987-88	3.4	2.0	1.0	3.1	1.0	2.4
	1988-89	4.6	2.0	2.5	3.2	1.0	2.8
Superannuation	1986-87	9.2	5.9	10.3	5.5	5.5	6.8
Superamutation	1987-88	9.1	7.1	10.2	6.9	6.0	7.7
	1988-89	9.1	7.8	10.7	7.3	7.4	8.2
Workers' compensation	1986-87	2.1	2.2	1.9	2.2	2.9	2.2
workers compensation	1987-88	2.3	2.0	1.8	2.2	2.6	2.1
	1988-89	2.4	1.9	2.2	1.9	2.8	2.1
Fringe benefits tax	1986-87	0.4	0.1	0.3	0.1	0.2	0.2
Fringe benefits tax	1987-88	0.4	0.2	0.5	0.2	0.2	0.2
	1987-88	0.6	0.2	0.5	0.2	0.3	0.3
	1007.08	100.0	100.0	100.0	100.0	100.0	100.0
Total major labour costs	1986-87	100.0	100.0	100.0	100.0 100.0	100.0	100.0
	1987-88	100.0	100.0	100.0 100.0	100.0	100.0	
	1988-89	100.0	100.0			100.0	100.0
				OSTS' TO EARNINGS			
Payroll tax	1986-87	3.8	2.7	1.0	4.0	1.1	3.0
	1987-88	4.1	2.3	1.2	3.6	1.1	2.8
	1988-89	5.5	2.3	2.9	3.6	1.1	3.2
Superannuation	1986-87	10.8	6.6	11.9	6.2	6.1	7.7
	1987-88	10.8	8.0	11.8	7.9	6.7	8.8
	1988-89	11.0	8.8	12.7	8.3	8.3	9.5
Workers' compensation	1986-87	2.5	2.4	2.2	2.4	3.2	2.4
	1987-88	2.8	2.3	2.1	2.5	2.9	2.4
	1988-89	2.8	2.2	2.6	2.2	3.1	2.4
Fringe benefits tax	1986-87	0.5	0.1	0.4	0.2	0.2	0.2
	1987-88	0.7	0.2	0.6	0.2	0.3	0.3
	1988-89	0.7	0.2	0.5	0.2	0.3	0.3
Other labour costs	1986-87	17.5	11.8	15.5	12.8	10.6	13.3
	1987-88	18.2	12.7	15.7	14.1	10.9	14.3
	1988-89	20.0	13.5	18.7	14.4	12.8	15.4

#### TABLE 12. MAJOR LABOUR COSTS, PUBLIC SECTOR: TYPE OF LABOUR COST, INSTITUTIONAL SECTOR AND LEVEL OF GOVERNMENT—continued

#### APPENDIX A

#### GLOSSARY

*Earnings*: comprise amounts paid to employees as severance, termination and redundancy payments and gross wages and salaries during the reference year.

This includes:

- ordinary time and overtime earnings;
- overaward payments;
- penalty payments, shift and other remunerative allowances;
- commissions and retainers;
- bonuses and similar payments;
- payments under incentive, piecework or profit sharing schemes;
- leave loadings and leave payments;
- advance and retrospective payments;
- standby or reporting time;
- salaries and fees paid to company directors and members of boards who receive a salary; and
- lump sum payments made for unused leave.

Excluded are allowances which are reimbursements for expenditure incurred in conducting the business of an employer and drawings from profits by directors or office holders.

Amounts paid to employees for workers' compensation as part of their earnings have been removed from the earnings estimate provided. Workers' compensation costs not reimbursed by an insurer are accounted for in the workers' compensation estimate.

*Employees*: is the average of the number of wage and salary earners who received pay for a specified pay period in August, November, February and May of the reference year.

Included are all:

- permanent, temporary, casual and part-time employees;
- managerial and executive employees;
- employees on paid or pre-paid leave, or workers' compensation;
- employees paid from interstate or overseas; and
- employees who terminated employment during the selected pay periods.

Excluded are all:

- proprietors/partners of unincorporated businesses;
- directors who are not paid a salary;

- self-employed persons (eg subcontractors);
- persons paid solely by commission without a retainer;
- employees on leave without pay, on strike or stood down who did not receive pay during the selected pay periods; and
- employees based outside Australia.

*Employer size:* is allocated based on the average number of employees reported. The size classification reflects the size of the enterprise in a particular State/Territory and not necessarily the size of the enterprise Australia wide.

Fringe benefits tax: relates to the tax actually paid in respect of employees as defined. The fringe benefits tax was introduced for benefits provided from 1 July 1986. For the 1986-87 year, tax was only payable on benefits provided in the 9 months to 31 March 1987. As the tax is not payable until one month after the end of the quarter in which the fringe benefits were provided, the fringe benefits tax estimate provided for the 1987-88 and 1988-89 years relates to payments made for the June, September, December and March quarters. Amounts paid in fines for late payment are not included in the estimate of fringe benefits tax.

Industry: is used to classify each employer according to the Australian Standard Industrial Classification (ASIC) 1983 Edition, (1201.0).

Institutional sector: is used to classify each employer according to Standard Institutional Sector Classification of Australia (SISCA), 1987 edition (1218.0). Public Trading Enterprises are those whose main aim is to maximise profits whilst engaged in the production of goods and services, with most operating costs being derived from trading activities.

Public Non-Trading Enterprises are mainly engaged in the production of goods and services outside the normal market mechanisms and providing these goods and services to the general public. The costs of operations are often financed from public revenues.

*Labour costs:* are all costs incurred by employers in the employment of labour. The full range of labour costs comprises:

- (a) Earnings of employees
- (b) Payroll tax
- (c) Superannuation
- (d) Workers' compensation
- (e) Fringe benefits tax

- (f) Fringe benefits
- (g) Welfare services
- (h) Training
- (i) Recruitment.

The annual Survey of Major Labour Costs from which this publication is produced covers only components (a) to (e) which are generally considered to account for over 90 per cent of all labour costs.

*Major labour costs:* refers to the sum of gross wages and salaries, severance, termination and redundancy payments, payroll tax, superannuation costs, workers' compensation costs and fringe benefits tax.

*Payroll tax:* refers to amounts paid during the reference year in respect of the gross wages and salaries of employees, net of any rebates. Payroll tax assessed for payments to contractors and other persons not considered employees, are thus excluded.

*Reference year*: for the Major Labour Costs Survey is the year ended 30 June. Information collected relates to labour costs paid during the year by those employers selected from the ABS register of businesses in May of the reference year. For businesses which commenced or ceased operation during the year, the costs relate to the amounts paid during the period the business operated. The data collected relates to payments actually made by the employer during the reference year with respect to employees as defined.

Sector: is used to classify organisations as public or private enterprises. Public sector includes local government authorities, government departments, agencies and authorities created by, or reporting to, the Commonwealth and State Parliaments. All remaining employers are classified as private sector.

Superannuation: costs refer to the total payments made by employers with respect to superannuation liabilities incurred. In the private sector payments take the form of actuarially determined contributions paid into a superannuation fund on a regular basis.

In the public sector the employer component of superannuation liability can be met in a number of ways. The cost to the employer can be met by:

- (a) Actuarially determined contributions being paid into a superannuation fund on a regular basis.
- (b) Meeting the cost of pension/lump sum benefits as they are actually paid out without making any contribution during the employees' service.
- (c) Setting aside monies to partly meet the future cost of superannuation liability and meeting the remaining part of superannuation liability as the cost emerges.

As a result the value of superannuation costs shown for private sector employers directly relates to current employees. However, the value of superannuation shown for public sector employers relates in some cases to current employees and in other cases to former employees now receiving a pension or lump sum. In the latter case payments for superannuation will reflect the past structure and size of an organisation rather than current structure and size. For this reason public and private sector superannuation costs are not directly comparable.

Three of the measures related to superannuation costs provided in this publication are:

- (a) Superannuation costs per employee refers to superannuation costs divided by the annual average of all employees who received pay for specified pay periods during August, November, February and May of the reference year. This is an average for all employees, including those not covered by superannuation.
- (b) Superannuation costs per employee covered refers to superannuation costs divided by the average of all current employees covered by superannuation schemes for specified pay periods during August, November, February and May of the reference year.
- (c) The percentage of current employees covered estimated by expressing the annual average of all employees covered by superannuation for the specified pay periods as a percentage of the average number of total employees for the same pay periods.

Workers' compensation: costs are determined in three ways:

- (a) The majority of employees are covered for workers' compensation through the payment of premiums by the employer to an insurer. In these cases, workers' compensation costs are considered to comprise:
  - premiums paid during the reference year;
  - any workers' compensation costs not reimbursed by the insurer including 'make-up' and 'excess' pay (which cover payments made by employers directly to employees as part of earnings, over and above the amount paid as compensation by the workers' compensation insurer);
  - premiums paid during the reference year to insure for claims made by employees for workers' compensation at Common Law.

- (b) Certain employers may become 'self-insurers'. Workers' compensation costs for these employers are considered to be:
  - payments made as part of employees' earnings;
  - lump sum payments;
  - any other workers' compensation costs including legal, accounting, medical and administrative costs and 'catastrophe' insurance premiums;
  - premiums paid during the year to offset liability at common law for workers' compensation;
  - lump sum payments made to employees not reimbursed by an insurer, resulting from workers' compensation claims made at Common Law; and
  - any other costs at Common Law for workers' compensation including legal, accounting, medical and administrative costs.
- (c) Certain Commonwealth sector employers operated as 'self insurers' for the period 1 July 1988 to 30 November 1988, and for the remainder of the reference period were covered by payment of an appropriation made to COMCARE, the insurer for the majority of Commonwealth sector organisations. In these cases, workers' compensation costs for the period 1 July 1988 to 30 November 1988, are considered to comprise:
  - payments made as part of employees' earnings;
  - lump sum payments;
  - any other workers' compensation costs including legal, accounting, medical and administrative costs and 'catastrophe' insurance premiums;

- premiums paid during the year to offset liability at common law for workers' compensation;
- lump sum payments made to employees not reimbursed by an insurer, resulting from workers' compensation claims made at Common Law;
- any other costs at Common Law for workers' compensation including legal, accounting, medical and administrative costs.

For the period 1 December 1988 to 30 June 1989 workers' compensation costs for these organisations were considered to be:

- those costs met by COMCARE on behalf of these employers in relation to workers' compensation costs incurred in the period 1 December 1988 to 30 June 1989. An appropriation was made by the Commonwealth Government to COMCARE to cover these payments;
- an appropriation paid during the reference period to cover any future costs associated with claims related to incidents that took place on, or before 30 June 1989; and
- any other workers' compensation costs incurred directly by employers during the period 1 December 1988 to 30 June 1989 which were not covered by the appropriation to COMCARE.

Because these costs include an appropriation made to cover costs to be met in future years, (for claims made on, or before 30 June 1989) workers' compensation costs for 1988-89 will be overstated, while costs in future years will be understated. As a result, estimates of workers' compensation for the Commonwealth sector will not be directly comparable to estimates of workers' compensation provided for any other sectors.

Costs which have been reimbursed from a workers' compensation insurer are not included in the estimates.

#### APPENDIX B

#### EXPLANATORY NOTES

#### Introduction

This publication contains final results of the Survey of Major Labour Costs conducted in Australia annually.

2. Labour costs are defined as all costs incurred by employers in the employment of labour. The full range of labour costs comprises:

- (a) Earnings of employees
- (b) Payroll tax
- (c) Superannuation
- (d) Workers' compensation
- (e) Fringe benefits tax
- (f) Fringe benefits
- (g) Welfare services
- (h) Training
- (i) Recruitment.

3. The Survey of Major Labour Costs covers only components (a) to (e) which are generally considered to account for over 90 per cent of all labour costs.

## Comparison with Major Labour Costs, Australia 1987-88 (6348.0)

4. The 1988-89 issue of 6348.0 differs to the 1987-88 issue in that estimates of earnings are not dissected into the components, gross wages and salaries and severance, termination and redundancy payments. Estimates of these components can be made available by contacting the officer listed on the contents page.

#### Comparison with Major Labour Costs, Private Sector, Australia 1986-87 (6348.0).

5. The 1986-87 issue of 6348.0 provided information on major labour costs incurred by employers in the private sector in the employment of labour. This publication differs from the 1986-87 issue of 6348.0 in the following respects:

- Major Labour Costs, Australia 1988-89 also provides information on the labour costs incurred by public sector employers.
- The costs of severance, termination and redundancy payments have been included with the costs of gross wages and salaries in this publication to provide a measure of earnings in total. The 1986-87 issue of 6348.0 provides only a measure of gross wages and salaries and excludes costs of severance, termination and redundancy payments.

- Estimates of gross wages and salaries in the 1986-87 issue of 6348.0 included the value of workers' compensation payments made directly to employees as part of their gross wages and salaries. In this issue workers' compensation payments made directly to employees have been removed from the estimate of earnings provided for each year. Workers' compensation costs not reimbursed by an insurer are accounted for in the value of workers' compensation costs. See Appendix A.
- Estimates of workers' compensation costs in the 1986-87 issue did not include that component of workers' compensation, not reimbursed by an insurer, paid as part of gross wages and salaries. This issue provides a fuller measure of workers' compensation costs. See Appendix A.
- The estimate of fringe benefits tax provided for 1987-88 and 1988-89 in this issue of publication 6348.0 represents the fringe benefits tax paid with respect to a full financial year. The estimates provided in the 1986-87 issue of publication 6348.0 represented only three quarters of the financial year. See Appendix A.
- Further verification of data has been carried out subsequent to publication of the 1986-87 issue of 6348.0. Some estimates for 1986-87 may therefore differ slightly between the two publications.

## Comparison with Labour Costs, Australia 1986-87 (6349.0).

6. Labour Costs, Australia 1986-87 6349.0 provides more comprehensive information on Labour Costs in Australia than does publication 6348.0. This publication differs from 6349.0 in that this publication:

- does not provide a dissection of earnings into payments for time worked, annual leave, other leave and bonuses, and severance termination and redundancy payments;
- does not provide an estimate of on-costs; and
- provides an estimate of fringe benefits tax for 1987-88 and 1988-89 which represents the full financial year. See Appendix A.

#### Survey design

7. Sample. The survey was conducted as a sample of approximately 5000 employers in the private sector and 1500 in the government sector, selected from the ABS register of businesses in May of the reference year.

8. Coverage. The survey covered employers in all States and Territories and all industries except for employers primarily engaged in agriculture, forestry, fishing and hunting; private households employing staff; overseas embassies, consulates, etc; and the Australian permanent defence forces.

9. The statistical unit for the survey comprised all activities of an enterprise in a particular State or Territory. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State or Territory. In a small number of cases, where an enterprise had significant employment in more than one industry, a separate statistical unit was created for each industry.

10. The statistical units were stratified by State/Territory, industry and employment size. For the government sector, level of government and trading/non-trading status were also used as stratification variables. An equal probability sample was selected from each stratum.

#### **Collection methodology**

11. The survey was conducted by mail in three collection stages as follows:

- (a) An 'Information Advice Form' was used to establish reporting arrangements which ensured that the survey covered all employees at various locations within the organisation.
- (b) Information was collected on the major labour costs of employers, that is superannuation, workers' compensation, payroll tax, fringe benefits tax, gross wages and salaries and severance, termination and reduncancy payments.
- (c) Superannuation Boards and Treasury Departments provided details directly to the ABS on some major labour costs items, for some government organisations.

#### Labour cost measures

12. Labour cost measures presented in this publication are:

- (a) Total cost for each item in dollars.
- (b) Average cost per employee for each item.
- (c) Cost for each item as a percentage of major labour costs.
- (d) Cost for selected items as a ratio to earnings.

#### **Reliability of estimates**

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

- (a) Sampling error: since the estimates are based on information obtained from a sample of employers they may differ from the values that would have been produced if all employers had been included in the survey. More information on this topic is given in the Technical Note, Appendix C.
- (b) Non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents

and errors made in coding and processing 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 and efficient operating procedures.

14. Estimates subject to non-sample error are known to occur with respect to the following items:

(a) Superannuation costs - Public Sector.

Superannuation Boards supplied data to meet the definitional requirements of the survey as closely as possible. In some cases elements of costs incurred by employers were excluded due to recording practices of these Boards and/or unclear definitional requirements made by the ABS. As a result the estimates presented may slightly understate the total employer cost of superannuation for government sector organisations.

#### (b) Fringe benefits tax.

A small proportion of respondents had difficulty in providing information in the manner requested. In a minority of cases employers reported fringe benefits tax paid for some employees not in scope for this survey. Such employees are those paid solely by commission without a retainer, proprietors/partners of unincorporated businesses, directors not paid a salary, self employed persons and past and future employees.

#### Comparability to other data sources

15. In some cases estimates given in this publication may differ slightly from those from other sources. These differences may be the result of sample or non-sample error (see Appendix C), or may result from differences in scope, coverage, definitions or methodology used.

#### Discontinuities in the series

16. The methodology used to collect severance, termination and redundancy payments, and workers' compensation payments made directly to employees varied between the 1986-87 and 1987-88, 1988-89 surveys for some respondents. The 1986-87 surveys of Labour Costs allowed some respondents to report data on a randomly selected sample of employees, rather than for all employees of their organisation. This occured where recording practices did not favour reporting for all employees. In these cases the data reported was weighted up to represent the organisation as a whole prior to data being included in the estimates. However, for the 1987-88 and 1988-89 surveys of Major Labour Costs respondents were required to provide all data at a total level, for all employees of their organisation.

17. As a result of this change in collection methodology, estimates given for severance, termination and redundancy payments and workers' compensation for 1986-87 and 1987-88 and 1988-89 may not be directly comparable.

18. For labour costs surveys conducted with respect to all reference years from 1986-87 inclusive, changes were made with respect to the treatment of common law costs

associated with workers' compensation claims. As a result of this change workers' compensation estimates from the 1985-86 Survey of Major Labour Costs are not directly comparable to those presented in this publication. Further details of these changes can be obtained by reference to *Major Labour Costs, Private Sector, Australia 1986-87* (6348.0) 'Discontinuities in the Series'.

19. Presentation of estimates of earnings paid to employees differs between issues of the publication. The 1985-86 and 1987-88 issues of this publication provide a dissection of earnings into the components gross wages and salaries, and severance, termination and redundancy payments. The 1986-87 issue provides only a measure of gross wages and salaries, not earnings in total. In this issue, estimates of earnings in total have been provided, however, no dissection into the components gross wages and salaries and severance, termination and redundancy payments has been presented. However, this information can be made available by contacting the officer listed on the contents page.

#### **Related** publications

20. Users may also wish to refer to the following publications which are available on request:

Labour Costs, Australia 1986-87 (6349.0) — issued August 1989

Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to their Concepts, Measurement and Usage — issued June 1986

Labour Statistics, Australia (6101.0) — issued annually

A Guide to Labour Statistics (6102.0) — issued February 1986

The Labour Force, Australia (6203.0) — issued monthly

Employed Wage and Salary Earners, Australia (6248.0) — issued quarterly

Average Weekly Earnings, Australia, Preliminary (6301.0) — issued quarterly

Average Weekly Earnings, States and Australia (6302.0) — issued quarterly

Distribution and Composition of Employee Earnings and Hours, Australia (6306.0) — issued annually

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

Employment Benefits, Australia (6334.0) — issued annually

Employer Training Expenditure, Australia (6353.0) — issued April 1990

How Workers Get Their Training, Australia (6278.0) — issued July/August 1990

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

#### **Unpublished** tables

22. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, clerically-extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the Phone Inquiries section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS office.

23. Unpublished information which may be available from this survey includes some State by industry, State by size and industry by size cross tabulations. This information is available at the total employer level or by private sector, public sector, level of government or government trading and non trading sectors. Some information on industries at finer levels than those included in the published tables may also be available. See Page 32, for more information.

Symbols and other usages

- nil or rounded to zero
- \* the estimate has a relative standard error greater than 25 per cent and should not be regarded as reliable. See paragraph 4 of the Technical Note, Appendix C.

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

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text and tables for selected Main Economic Indicator publications. Further information is available on (06) 252 5405.

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#### APPENDIX C

#### **TECHNICAL NOTE**

#### **Reliability of estimates**

Since the estimates in this publication are based on information obtained from a sample they are subject to sampling variability; that is, they may differ from the data that would have been produced if all employers had been included in the survey ie a complete enumeration.

2. One measure of the sample variability is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of employers, and in some cases employees, 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 had all employees been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. Another measure of the sample variability is the relative standard error, which is obtained by expressing the standard error as a percentage of the estimate. Both the standard error and relative standard error are used to measure the reliability of estimates.

4. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with relative standard errors greater than 25 per cent have been noted with an asterisk.

5. Relative standard errors on estimates of costs as a percentage of major labour costs for States, industries and different employer sizes are given in Tables A, B and C.

6. An example of standard errors and relative standard errors using these tables is as follows. Table 3 shows that payroll tax for 1988-89 in Victoria is estimated to represent 3.7 per cent of major labour costs. The relative standard error for this figure as shown in Table A is 3.3 per cent. This means that there are about 2 chances in 3 that a complete enumeration would have given a figure within 3.3 per cent of 3.7, ie. within the range 3.6 and 3.8.

There are about 19 chances in 20 that a complete enumeration would have given a figure in the range 3.5 to 3.9. The relative standard error of 3.3 per cent is multiplied by 2 and then applied to the estimated figure of 3.7.

7. As can be seen from the tables, in most cases the smaller the estimate the higher is the relative standard error.

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

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

This formula will only be exact when estimating the difference between two survey estimates which are from different States or from different industries in the private sector or from different sectors. Providing the correlation is positive, it is expected to result in a conservative estimate for the difference between survey estimates that are from different employer size groups or different States or industries in the public sector.

9. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or only a sample. For more information on non-sampling error refer to paragraph 13 of Appendix B - Explanatory Notes.

10. Tables A, B and C show relative standard errors for each item in terms of the measure "costs as a percentage of major labour costs". These tables can be used to gauge the relative standard errors for other measures given in this publication.

- For the measure "other labour costs as a ratio to earnings" relative standard errors are approximately the same as those given in Tables A, B and C.
- For the measures "total dollar cost" and "average cost per employee" relative standard errors are a little higher than those given in Tables A, B and C for all items except 'earnings' for which the relative standard errors are much higher than those given in Tables A, B and C. Detailed relative standard errors are available on request.

Type of labour cost	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Earnings	0.1	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.1
Other labour costs	1.2	2.1	2.5	1.5	2.1	2.5	2.3	1.3	0.9
Payroll tax	1.9	3.3	3.1	2.7	3.8	4.5	3.8	4.8	1.4
Superannuation	2.3	3.2	3.9	3.0	3.5	4.7	5.1	2.2	1.4
Workers' compensation	1.9	2.6	6.6	2.3	5.9	2.4	3.8	2.3	1.4
Fringe benefits tax	6.4	26.9	6.5	7.5	7.0	8.0	4.5	5.8	9.4

### TABLE A. RELATIVE STANDARD ERRORS : COSTS AS A PERCENTAGE OF MAJOR LABOUR COSTS, STATES, AUSTRALIA 1988-89

#### TABLE B. RELATIVE STANDARD ERRORS : COSTS AS A PERCENTAGE OF MAJOR LABOUR COSTS, INDUSTRY, AUSTRALIA, 1988-89

Type of labour cost	Mining	Manufact- uring	Electricity, gas and water	Construction	Wholesale and retail trade	Transport, Storage and communica- ion
Earnings	0.3	0.1	0.0	0.6	0.4	0.2
Other labour costs Payroll tax Superannuation Workers' compensation Fringe benefits tax	2.0 1.9 4.3 3.1 3.0	0.8 1.5 3.0 1.9 4.3	0.2 0.1 0.3 0.4 1.9	<i>4.3</i> 8.9 5.5 7.1 17.8	3.8 3.0 6.7 2.5 33.5	1.0 1.0 1.4 2.3 6.3

Type of labour cost	Finance, property and business servicès	Public administra- tion and defence	Community services	Recreation, personal and other services	Total all industries
Earnings	0.3	0.2	0.2	0.4	0.1
Other labour costs Payroll tax Superannuation Workers' compensation Fringe benefits tax	2.5 3.7 6.0 13.4 7.6	1.0 3.1 1.4 2.0 3.1	2.1 3.8 2.6 1.8 8.5	6.4 8.9 14.3 5.9 14.7	0.9 1.4 1.4 1.4 9.4

# TABLE C. RELATIVE STANDARD ERRORS : COSTS AS A PERCENTAGE OF MAJOR LABOUR COSTS, EMPLOYER SIZE, AUSTRALIA, 1988-89

Type of labour cost	Less than 20 employees	20-99 employees	100 or more employees	Total all sizes
Earnings	0.4	02	0.1	0.1
Other labour costs	5.3	2.0	0.8	0.9
Payroll tax	11.6	2.4	1.3	1.4
Superannuation	6.9	5.2	1.4	1.4
Workers' compensation	4.2	4.0	1.5	1.4
Fringe benefits tax	37.1	6.8	4.1	9.4

#### APPENDIX D

#### ADDITIONAL DATA AVAILABLE ON REQUEST

The data appearing in this publication is only a portion of the statistics available from the Survey of Major Labour Costs. Unpublished data can generally be made available to users, subject to confidentiality considerations, in the form of computer printout or a clerically extracted tabulation. Generally, there is a charge for providing unpublished statistics.

Each 'Type of Labour Cost' can be presented in terms of the 'Measures Available' listed below. This data can then be requested for the following Sector, State/Territory, Industry, or Employer Size categories.

1. Type of Labour Cost

Earnings

- gross wages and salaries
- severance, terminations and redundancy payments.

Other Labour Costs

- payroll tax
- superannuation
- workers' compensation
- fringe benefits tax

Total Major Labour Costs

2. Measures Available

Total cost Cost per employee Cost as a percentage of major labour costs Cost as a ratio to earnings (Other labour costs only)

3. Sector

Private sector Public sector — Commonwealth — State — Local — Trading — Non-trading — Total public sector Total all sectors

4. State/Territory

New South Wales Victoria Queensland South Australia

- Western Australia Tasmania Northern Territory Australian Capital Territory Australia
- 5. Industry

Mining Manufacturing Food, beverages and tobacco Textiles, clothing and footwear Paper, paper products, printing and publishing Chemicals, petroleum and coal products Basic metal products Fabricated metal products, other machinery and equipment Transport equipment Other manufacturing Electricity, gas and water Construction Wholesale and retail trade Wholesale trade Retail trade Transport and storage Communication Finance, property and business services Public administration and defence Community services Recreation, personal and other services Total all industries

(Note: Finer dissections of these industry groups may be available on request)

6. Size of organisation (number of employees)

Less than 10 10-19 Less than 20 20-99 100-499 500 +

For further information on any of the above, contact:

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