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1. Survey of Employment and Earnings in Large Establishments.

March 1988 (Preliminary Results)

MINISTRY OF ECONOMIC PLANNING & DEVELOPMENT
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SURVEY OF EMPLOYMENT AND EARNINGS IN LARGE ESTABLISHMENTS

March 1988 (Preliminary Results)

Introduction

The Central Statistical Office carries out a Survey of Employment and Earnings in 'large' establishments every year in March and September. This paper presents the preliminary results of the 45th round of the survey carried out in March 1988.

The first round of the survey was taken in September 1966 and since then, two rounds have been taken every year, one in March and the other in September. The aim of the survey is to obtain a continuous series of comparable data on the level of employment in these establishments in March when activity in the agricultural sector is relatively low and in September when the harvest of the sugar cane crop is in full swing.

Coverage

As in the previous rounds, the survey covered only the following types of establishments:

- (a) Agricultural establishments comprising
 - (i) Sugar cane plantations where 25 arpents or more were harvested;
 - (ii) Tea plantations of 5 arpents or more;
 - (iii) All "flue-cured" tobacco establishments, irrespective of acreage;
 - (iv) Other agricultural establishments employing at least 10 persons on the day of the survey.
- (b) Non-agricultural establishments comprising
 - (i) All Central and local government departments;
 - (ii) Those employing at least 10 persons on the day of the survey. It is to be noted that 'outdoor' workers are excluded; these are piece-workers who although employed by an establishment are working in their own homes.

Summary of Results

It is important to note that the following analysis of employment relates to establishments falling within the scope of the survey only. The coverage of the survey has been described in the preceding paragraph.

Employment by sex

Total employment in establishments covered by the survey stood in March 1988 at 261,300. This figure represents an increase of 16,300 (i.e. 6.7%) over the corresponding figure for March 1987. The number of males in employment rose by 6.0% from 161,400 in March 1987 to 171,100 in March 1988 (an increase of 9,700). The number of females in employment rose by 8.0% during the same period from 83,600 to 90,300 (an increase of 6,700). Employment in establishments covered by the survey has thus continued to grow and during the five years since March 1983 the total increase has been around 72,000 or 38%.

Changes in employment by industry and sex

Table 1 shows changes in employment between March 1987 and March 1988 by industrial group and sex. The biggest increase was again registered in the manufacturing sector where net additions amounted to 11,326. Male employment in that sector rose by 12.8% from 39,678 to 44,755 whereas female employment rose by 11.7% from 53,633 to 59,882. The increase in the numbers employed in the manufacturing sector is mainly the result of the continued expansion of the EPZ sector for which details are given in Tables 8 and 9. Significant increases were also noted in "Construction", (1802) "Wholesale, retail trade, restaurants and hotels", (2164) "Transport, storage and communication", (765) "Community, social and personal services", (795) and "Financing, insurance, real estate and business services" (401).

The increase of 770 in activities not elsewhere specified is accounted for by recruitment on the part of the Development Works Corporation. Employment in "Agriculture and fishing" continued on its downward trend, decreasing by 1565 between March 1987 and March 1988.

Employment in large establishments of the EPZ

Employment in the EPZ Sector by industry and sex is given in Tables 8 and 9. Between March 1987 and March 1988 the numbers employed in large establishments of the EPZ Sector rose from 76,819 to 87,097, i.e. an increase of 10278 or 13.4%. An increase of about 14,200 had been registered in the previous 12-months period from March 1986 to March 1987. Employment in the non-EPZ Sector increased by 6045 between March 1987 and March 1988 whereas the increase for the previous 12 months period was 6652. The increase in employment in the EPZ Sector was relatively more favourable to females, with 5996 new jobs going to females against 4282 to males. In the non-EPZ Sector the increase was massively in favour of males with 5358 jobs going to males against 687 to females.

Earnings

Average monthly earnings for employees on monthly rates of pay in all sectors covered by the survey increased by around 26% between March 1987 and March 1988.

1987 and March 1988 (see Table 4). Average daily earnings for employees on daily rates of pay have increased by around 32% during the same period (see Table 5).

The corresponding increase in the EPZ Sector when taken separately are around 12% (see Table 10) for average monthly earnings of employees on monthly rates of pay and around 19% (see Table 11) for average daily earnings of employees on daily rates of pay.

It should be noted that apart from increases in salaries and wages, fluctuations in average monthly and average daily earnings may be due to:

- (i) changes in the mix of employees of various categories or with various lengths of service. For example a large intake of professionals by, say, an architectural firm can cause a sudden jump in the average monthly earnings. On the other hand a large intake of employees at the lower end of a wage scale has the effect of lowering the average earnings;
- (ii) changes in overtime, regular bonuses and commissions.

N.B.: The results of the Bi-annual survey of Employment and Earnings are very useful in studying long term trends, yet great care should be exercised when studying short term fluctuations, as they do not give a good indication of such fluctuations.

Central Statistical Office
Rose Hill
June 1988

Table 1 - Employment ^{1/} in large establishments by major industrial group and sex - March 1987 - March 1988

Industrial group	March 1987			March 1988			Difference : March 1988 - March 1987		
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes
Agriculture and fishing									
Sugar ^{2/}	34,644	11,737	46,381	33,504	11,312	44,816	-1,140	-425	-1,565
Tea ^{3/}	30,488	10,486	40,974	29,617	9,986	39,603	-871	-500	-1,371
Tobacco	2,514	619	3,133	2,235	641	2,876	-279	22	-257
Other	165	290	455	159	277	436	-6	-13	-19
Mining and quarrying	1,477	342	1,819	1,493	408	1,901	16	66	82
Manufacturing	84	87	171	87	80	167	3	-7	-4
of which wearing apparel (except footwear)	39,678	53,633	93,311	44,755	59,882	104,637	5,077	6,249	11,326
Electricity and water	22,466	46,864	69,330	25,624	52,231	77,855	3,158	5,367	8,525
Construction	3,545	143	3,688	3,433	124	3,557	-112	-19	-131
Wholesale, retail trade, restaurants and hotels	7,057	134	7,191	8,848	145	8,993	1,791	11	1,802
Transport, storage & communication	8,373	2,210	10,583	9,977	2,770	12,747	1,604	560	2,164
Financing, insurance, real estate and business services	9,008	694	9,702	9,584	883	10,467	576	189	765
Community, social and personal services	4,046	1,626	5,672	4,293	1,780	6,073	247	154	401
Government : (a) Central	50,021	13,271	63,292	50,848	13,239	64,087	827	-32	795
(b) Local ^{4/}	40,037	9,632	49,669	40,071	9,531	49,602	34	-101	-67
Other	4,668	520	5,188	5,034	515	5,549	366	-5	361
Activities not elsewhere specified	5,316	3,119	8,435	5,743	3,193	8,936	427	74	501
Grand Total	4,956	39	4,995	5,723	42	5,765	767	3	770
Grand Total	161,412	83,574	244,986	171,052	90,257	261,309	9,640	6,683	16,323

^{1/} as on last Thursday of the month ^{2/} including factories ^{3/} including factories and tea development authority ^{4/} Municipalities and district councils

Table 2 - Employment ^{1/} by major industrial group (Bi-annual Survey of Employment and Earnings, March 1981 - March 1988)

Industrial group	1981	1982	1983	1984	1985	1986	1987	1988
Agriculture and fishing	53,456	52,457	52,145	49,803	48,292	46,910	46,381	44,816
Sugar ^{2/}	47,271	46,457	46,082	44,628	42,882	41,718	40,974	39,603
Tea ^{3/}	4,582	4,747	4,613	3,643	3,508	3,173	3,133	2,876
Tobacco	729	275	239	263	384	424	455	436
Other	874	978	1,211	1,269	1,518	1,595	1,819	1,901
Mining and quarrying	147	147	160	164	164	198	171	167
Manufacturing of which wearing apparel (except footwear)	36,889	38,329	36,924	42,168	56,113	76,503	93,311	104,637
Electricity and water	18,518	20,175	18,799	23,192	36,207	55,260	69,330	77,855
Construction	4,430	4,451	4,231	4,084	3,914	3,635	3,688	3,557
Construction Wholesale, retail trade, restaurants and hotels	7,257	5,659	4,525	3,971	4,771	5,001	7,191	8,993
Transport, storage & communication	9,122	9,129	9,070	8,882	9,251	9,573	10,583	12,747
Financing, insurance, real estate and business services	7,842	8,147	7,963	8,219	8,408	8,611	9,702	10,467
Community, social & personal services	4,576	4,699	4,699	4,784	4,986	5,229	5,672	6,073
Government : (a) Central (b) Local ^{4/}	62,822	64,008	63,388	62,887	62,991	63,020	63,292	64,087
Other	49,029	50,163	49,811	49,538	49,919	49,715	49,669	49,602
Activities not elsewhere specified	5,522	5,536	5,265	5,217	5,109	5,187	5,188	5,549
Other	8,271	8,309	8,312	8,132	7,963	8,118	8,435	8,936
Grand Total	6,913	6,376	6,151	5,864	4,725	4,496	4,995	5,765
Grand Total	193,454	193,372	189,256	190,826	203,615	223,176	244,986	261,309

^{1/} revised and classified according to the International Standard Industrial Classification, 1968 edition

^{2/} including factories

^{3/} including factories and Tea Development Authority ^{4/} municipalities and district councils

Table 3 - Employment ^{1/} by major industrial group (Bi-annual Survey of Employment and Earnings, September 1980-September 1987)

Industrial group	1980	1981	1982	1983	1984	1985	1986	1987
Agriculture and fishing	58,042	56,955	56,711	55,826	53,453	52,651	52,032	50,012
Sugar ^{2/}	51,146	50,066	49,864	49,132	47,575	46,603	45,800	44,317
Tea ^{3/}	4,743	4,611	4,728	4,281	3,391	3,361	3,354	2,747
Tobacco	1,202	1,253	934	1,069	1,042	1,076	1,105	1,104
Other	951	1,025	1,185	1,344	1,445	1,611	1,773	1,844
Mining and quarrying	145	147	152	165	166	165	179	168
Manufacturing	36,360	37,178	36,884	38,310	48,613	62,949	83,941	99,914
of which wearing apparel (except footwear)	16,991	19,358	18,998	19,677	28,829	42,393	61,552	74,526
Electricity and water	4,487	4,363	4,403	4,133	3,899	3,772	3,704	3,599
Construction	7,391	6,300	5,619	4,448	4,141	5,012	6,417	8,703
Wholesale, retail trade, restaurants and hotels	9,221	8,999	8,996	8,923	8,934	9,222	10,107	11,920
Transport, storage & communication	8,134	8,207	7,929	7,980	8,480	8,714	9,089	10,020
Financing, insurance, real estate and business services	4,459	4,634	4,737	4,625	4,874	5,174	5,338	5,799
Community, social & personal services	62,845	63,176	63,408	63,193	63,179	63,183	63,034	63,758
Government : (a) Central	49,129	49,358	49,471	49,639	49,973	49,997	49,498	49,602
(b) Local ^{4/}	5,417	5,547	5,577	5,276	5,175	5,109	5,242	5,249
Other	8,299	8,271	8,360	8,278	8,031	8,077	8,294	8,907
Activities not elsewhere specified	6,477	6,355	6,239	6,224	4,888	4,546	4,444	5,763
Grand Total	197,561	196,314	195,078	193,827	200,627	215,388	238,285	259,656

1/ revised and classified according to the International Standard Industrial Classification, 1968 edition

2/ including factories

3/ including factories and Tea Development Authority

4/ municipalities and district councils

Table 4 - Average monthly earnings in large establishments by industrial group for employees on monthly rates of pay (March 1981 - March 1988)

(Rupees)

Industrial group	1981	1982	1983	1984	1985	1986	1987	1988
Agriculture and fishing	934	1,080	1,177	1,343	1,399	1,441	1,551	1,900
Sugar 1/	917	1,065	1,158	1,323	1,373	1,419	1,524	1,855
Tea 2/	1,254	1,159	1,320	1,527	1,645	1,575	1,727	2,234
Other	1,732	1,955	1,842	1,951	2,087	2,327	2,379	2,900
Mining and quarrying	1,719	1,935	2,076	2,242	2,105	2,484	2,606	3,138
Manufacturing	1,368	1,498	1,584	1,714	1,778	1,941	2,059	2,431
Electricity and water	1,785	2,027	2,327	2,409	2,817	2,996	3,177	4,065
Construction	1,618	1,813	1,805	2,030	1,937	2,063	2,185	2,843
Wholesale, retail trade, restaurants and hotels	1,567	1,770	1,841	1,980	2,077	2,324	2,445	2,813
Transport, storage & communication	2,089	2,252	2,534	2,599	2,759	3,170	3,117	3,850
Financing, insurance, real estate and business services	2,431	2,719	2,883	3,076	3,236	3,412	3,589	4,179
Community, social and personal services	1,570	1,788	1,965	2,074	2,151	2,234	2,357	2,975
Government : (a) Central	1,550	1,784	1,971	2,077	2,147	2,226	2,348	2,982
(b) Local 3/	1,468	1,507	1,611	1,714	1,819	1,884	2,028	2,575
Other	1,746	1,991	2,142	2,285	2,384	2,503	2,609	3,162
Activities not elsewhere specified	1,339	1,379	1,595	1,602	1,405	1,587	1,659	2,147
All sectors	1,418	1,609	1,750	1,884	1,964	2,087	2,215	2,789

1/ including factories

2/ including factories and Tea Development Authority

3/ municipalities and district councils

Table 6 - Average monthly earnings in all sectors by industrial group for employees on monthly rates of pay (September 1980 - September 1987)
(Rupees)

Industrial group	1980	1981	1982	1983	1984	1985	1986	1987
Agriculture and fishing	1,073	1,308	1,469	1,548	1,704	1,770	1,939	2,261
Sugar 1/	1,060	1,294	1,475	1,552	1,708	1,768	1,942	2,249
Tea 2/	1,198	1,464	1,234	1,374	1,530	1,605	1,707	2,181
Other	1,836	2,064	2,199	2,011	2,144	2,342	2,370	2,955
Mining and quarrying	1,719	1,935	2,076	2,242	2,105	2,484	2,629	3,139
Manufacturing	1,327	1,506	1,568	1,642	1,766	1,896	2,010	2,338
Electricity and water	1,941	2,200	2,330	2,573	2,685	2,952	3,088	3,605
Construction	1,416	1,772	1,904	1,972	1,887	2,101	2,233	2,652
Wholesale, retail trade, restaurants and hotels	1,498	1,699	1,904	1,956	2,053	2,203	2,416	2,783
Transport, storage and communication	1,826	2,317	2,422	2,636	2,706	2,926	3,100	3,741
Financing, insurance, real estate and business services	2,475	2,656	2,869	3,005	3,142	3,392	3,676	4,098
Community, social and personal services	1,571	1,767	1,927	2,043	2,148	2,245	2,355	2,955
Government : (a) Central	1,571	1,758	1,936	2,051	2,153	2,243	2,353	2,982
(b) Local 3/	1,346	1,559	1,584	1,692	1,808	1,913	1,985	2,575
Other	1,703	1,944	2,096	2,217	2,334	2,466	2,590	3,011
Activities not elsewhere specified	1,880	1,626	1,644	1,579	1,484	1,569	1,707	2,335
All sectors	1,442	1,672	1,822	1,921	2,034	2,151	2,298	2,786

1/ including factories

2/ including factories and Tea Development Authority

3/ municipalities and district councils

Table 7 - Average daily earnings in all sectors by industrial group for employees on daily rates of pay (September 1980 - September 1987)

(Rupees)

Industrial group	1980	1981	1982	1983	1984	1985	1986	1987
Agriculture and fishing	28	35	39	44	44	48	54	63
Sugar 1/	30	38	41	47	48	52	59	67
Tea 2/	25	29	33	36	31	36	34	42
Other	22	26	30	34	35	37	41	44
Mining and quarrying	18	21	22	25	28	30	31	38
Manufacturing	23	27	27	31	33	35	38	44
Electricity and water	29	35	35	45	41	58	63	97
Construction	43	49	48	54	71	65	68	73
Wholesale, retail trade, restaurants and hotels	26	34	36	39	50	45	45	54
Transport, storage and communication	43	57	59	63	68	67	81	75
Financing, insurance, real estate and business services	47	53	49	65	68	74	76	68
Community, social and personal services	31	35	38	41	43	45	52	64
Government : (a) Central	29	32	35	40	41	43	50	68
(b) Local 3/	29	36	36	38	42	47	50	65
Other	49	50	49	46	51	53	58	59
Activities not elsewhere specified	25	31	36	41	42	39	51	62
All sectors	28	32	34	38	39	41	43	51

1/ including factories

2/ including factories and Tea Development Authority

3/ municipalities and district councils

Table 8 - Employment in EPZ by industrial group and sex, (March 1987 - March 1988)

Industrial group	March 1987			March 1988		
	Males	Females	Both sexes	Males	Females	Both sexes
<u>Manufacturing</u>	<u>26,542</u>	<u>50,004</u>	<u>76,546</u>	<u>30,763</u>	<u>55,961</u>	<u>86,724</u>
of which :						
Textiles	2,223	1,074	3,297	2,685	1,368	4,053
Wearing apparel (except footwear)	21,789	45,794	67,583	24,883	51,070	75,953
Wood and furniture	269	92	361	267	110	377
Jewellery and related articles	637	347	984	892	388	1,280
Other	1,624	2,697	4,321	2,036	3,025	5,061
<u>Other non-manufacturing</u>	<u>161</u>	<u>112</u>	<u>273</u>	<u>222</u>	<u>151</u>	<u>373</u>
T o t a l	26,703	50,116	76,819	30,985	56,112	87,097

Table 9 - Employment in EPZ by industrial group and sex (September 1986 - September 1987)

Industrial group	September 1986			September 1987		
	Males	Females	Both sexes	Males	Females	Both sexes
<u>Manufacturing</u>	<u>21,774</u>	<u>46,164</u>	<u>67,938</u>	<u>29,051</u>	<u>53,503</u>	<u>82,554</u>
of which :						
Textiles	1,754	1,003	2,757	2,427	1,305	3,732
Wearing apparel (except footwear)	17,772	42,172	59,944	23,863	48,810	72,673
Wood and furniture	284	102	386	252	86	338
Jewellery and related articles	630	333	963	724	350	1,074
Other	1,334	2,554	3,888	1,785	2,952	4,737
<u>Other non-manufacturing</u>	<u>163</u>	<u>111</u>	<u>274</u>	<u>211</u>	<u>122</u>	<u>333</u>
T o t a l	21,937	46,275	68,212	29,262	53,625	82,887

Table 10 - Average monthly earnings in EPZ by industrial group for employees on monthly rates of pay
(September 1985 - March 1988)

(Rupees)

Industrial group	September			March		
	1985	1986	1987	1986	1987	1988
	<u>Manufacturing</u>	<u>1,747</u>	<u>1,819</u>	<u>2,083</u>	<u>1,797</u>	<u>1,859</u>
of which :						
Textiles	1,952	1,909	2,384 ^{1/}	2,051	2,062	2,324
Wearing apparel (except footwear)	1,750	1,810	2,050	1,804	1,834	2,100
Wood and furniture	1,178	1,153	1,500	1,097	1,193	1,600
Jewellery and related articles	1,849	2,028	2,517	1,854	2,131	2,690
Other	1,646	1,847	1,891	1,708	1,839	1,880
<u>Other non-manufacturing</u>	<u>1,462</u>	<u>1,925</u>	<u>2,492</u>	<u>1,651</u>	<u>1,837</u>	<u>2,690</u>
<u>All Sectors</u>	<u>1,741</u>	<u>1,820</u>	<u>2,087</u>	<u>1,795</u>	<u>1,859</u>	<u>2,090</u>

^{1/} Revised

Table 11 - Average daily earnings in EPZ by industrial group for employees on daily rates of pay

(September 1985 - March 1988)

(Rupees)

Industrial group	September			March		
	1985	1986	1987	1986	1987	1988
<u>Manufacturing</u>	34	36	42	32	36	42
of which :						
Textiles	43	44	44	43	46	46
Wearing apparel (except footwear)	33	36	42	33	36	40
Wood and furniture	34	47	56	37	47	51
Jewellery and related articles	42	45	56	45	48	67
Other	35	38	39	36	39	55
<u>Other non-manufacturing</u>	41	38	32	35	37	40
<u>All Sectors</u>	34	36	42	33	36	42