

SURVEY OF EMPLOYMENT AND EARNINGS IN LARGE ESTABLISHMENTS

March 2003 (Preliminary results)

1. Introduction

The Central Statistics Office carries out, every year in March, the Survey of Employment and Earnings in 'large' establishments so as to obtain a continuous series of comparable data on the level of employment in these establishments. This paper presents the preliminary results of the survey conducted in March 2003.

2. Coverage

For the purpose of the survey, 'large' establishments include:

- (a) Agricultural establishments comprising:
 - (i) sugar cane plantations of 10 hectares or more;
 - (ii) tea plantations of 2 hectares 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 employing at least 10 persons on the day of the survey. It is to be noted that "outworkers", that is, piece rate workers who, although remunerated by an establishment, are working in their own homes on materials provided by the establishment, are excluded.

- (c) All central and local government departments.

3. Response

The preliminary results of the survey presented below are based on the response from 69% of large establishments, representing 84% of the total employment in this category of

establishments. Estimates have been made for non-response, on the basis of previous data and observed trends.

4. Results

4.1 Employment Level, March 2002 – March 2003

Total employment in establishments covered by the survey was 298,500 in March 2003 compared to 294,600 in March 2002, representing a increase of 3,900 (1.3%) (Table 1). This was the net result of an employment increase of 8,100 in some industries coupled with an employment reduction of 4,200 in others. Analysis by gender shows that male employment rose by around 1,700 from 186,500 in 2002 to 188,200 in 2003 while female employment increased by 2,200 from 108,100 to 110,300 during the same period.

The total employment figure includes some 4,950 persons working in large establishments in Rodrigues, compared to 4,700 in March 2002. These are mainly General Government employees, numbering 3,483 at March 2003.

Foreign workers who are also included in the total employment figure numbered 19,100 (7,800 males and 11,300 females) in March 2003, representing an increase of 12.4% compared to 17,000 in March 2002. These workers are mainly engaged in the manufacturing establishments.

4.2 Employment by Industry

Between March 2002 and March 2003, employment in the primary sector (Agriculture, forestry & fishing, and Mining & quarrying), which was on the decline decreased by some 1,800. A net fall in employment of about 600 was noted in the secondary sector (Manufacturing, Electricity, gas & water, and Construction). Employment in the tertiary sector kept an upward trend, with an increase of about 6,300.

Analysis by industrial group shows that the most important decrease was observed in 'Manufacturing', where a reduction of 2,100 workers was noted. This is the combined effect

of some 2,000 and 800 job decreases in the EPZ and sugar manufacturing industries respectively, and some 700 job increases in the non-EPZ non-sugar manufacturing industries.

The second most important decrease was registered in 'Agriculture, forestry & fishing', which lost about 1,900 workers. These were mostly the sugar industry workers retiring under the Voluntary Retirement Scheme between March 2002 and March 2003.

On the other hand, increases of about 1,700 and 1,600 were observed in 'Education' and 'Construction' respectively. 'Public Administration & defence' and 'Hotels & restaurants' increased by about 1,100 each. Other industrial groups showing upward trend in employment were 'Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods' (+780), 'Health and Social Work' (+620), 'Transport, Storage and Communication' (+570), 'Financial Intermediation' (+370) and 'Real Estate, Renting & Business Activities' (+170).

4.3 Employment by sex

As regards distribution by sex, male employment showed an overall increase of 1,700. The main contributor was 'Construction', where employment rose by about 1,600. Other increases in male employment occurred in 'Public Administration & defence' (+740), 'Education' (+620), 'Hotels & Restaurants' (+440), 'Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods' (+360), 'Health & social work' (+290) and 'Real Estate' (+250). These increases were, however, partly offset by decreases, mainly in 'Manufacturing' (-1,780), 'Agriculture, forestry & fishing' (-870) and 'Other services' (-270).

Overall female employment increased by 2,200. The main contributor was 'Education' where job increases amounted to 1,100. The other major contributors were 'Hotels and Restaurants' (+630), 'Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods' (+420), 'Transport Storage and Communications' (+390), 'Public administration & defence' (+370). The increases noted were, however, mitigated by decreases mainly in 'Agriculture, forestry & fishing' (-1,000), and 'Manufacturing' (-330).

The evolution of employment in large establishments by sex and industrial group since 2001 is shown in Table 2.

4.4 Employment in the General Government Sector

The General Government sector includes Central Government, Local Government and agencies operating under the authority of the Central Government and responsible for the performance of specialized governmental functions.

Employment in the General Government Sector was about 71,300 (51,600 males and 19,700 females) at March 2003 (Table 3). This represents an increase of 3,100 (4.5%) over the March 2002 figure of 68,200. Male and female employment increased by 1,400 and 1,700 respectively.

The rise in the General Government Sector was mainly due to increases in 'Education' (+1,560), 'Public administration and defence' (+1,110), 'Health and Social Work' (+530) and 'Agriculture, forestry & fishing' (+400).

4.5 Employment in the large establishments of the EPZ

The number of persons employed by 'large' EPZ establishments was estimated at 83,500 (66,591 Mauritians and 16,909 foreigners) in March 2003, that is a net decrease of 2,100 (2.5%) from the March 2002 figure of 85,600 (Table 4).

The number of male employees, which was 29,100 in March 2002, fell by 1,300 to reach 27,800 in March 2003, while female employment decreased by 800 from 56,500 to 55,700 during the same period.

The fall in employment in the EPZ is mainly explained by a decrease of about 1,800 in establishments manufacturing wearing apparel. Decreases were also observed in establishments manufacturing 'Textiles' (-300), 'Watches and clocks' (-110), and in non-manufacturing EPZ establishments (-180).

4.6 Earnings

The level of average earnings is influenced mainly by increases in basic salaries and wages. However it should be noted that fluctuations may also occur because of:

- (a) 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.
- (b) Changes in overtime, regular bonuses and commissions.

4.6.1 Earnings in all large establishments

For the purpose of the survey, employees are classified into the following different categories according to type of pay: monthly, daily, piece and hourly rate. Table 5 presents the average earnings by industrial group for the years 2001 – 2003, where all rates have been converted to a monthly basis.

Overall average monthly earnings in large establishments increased by 7.4% over the March 2002 figure of Rs 9,160 to reach Rs 9,840 in March 2003. A general upward trend was observed in all industrial groups. The largest increases were noted in the following major industry groups: 'Mining and quarrying' (+12%), 'Other Services' (+10%), 'Construction' (+9%), 'Agriculture, forestry and fishing' (+9%), 'Real estate, renting and business activities' (+9%), 'Manufacturing' (+8%) and 'Electricity and water' (+8%). Small increases were registered in the remaining industry groups, the lowest increase being in 'Public administration and defence' (+2%).

4.6.2 Earnings in large establishments of the EPZ

Earnings in the EPZ sector have also been converted to monthly rate (Table 6). The average monthly earnings in the overall EPZ sector stood at Rs 5,720 in March 2003, showing an increase of about 7% over the March 2002 figure of Rs 5,350. Earnings in the large EPZ manufacturing establishments was Rs 5,680 while that for non-manufacturing stood at Rs 8,400.

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Table 1 - Employment in large establishments by industrial group and sex, March 2002 - March 2003

Industrial group	March 2002			March 2003			Diff. (March 03 - March 02)		
	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
Agriculture, forestry and fishing	19,972	5,286	25,258	19,106	4,288	23,394	-866	-998	-1,864
<i>Sugarcane</i>	13,453	4,162	17,615	12,499	3,041	15,540	-954	-1,121	-2,075
<i>Other</i>	6,519	1,124	7,643	6,607	1,247	7,854	88	123	211
Mining and quarrying	85	85	170	109	105	214	24	20	44
Manufacturing	49,191	61,826	111,017	47,415	61,492	108,907	-1,776	-334	-2,110
<i>Sugar</i>	3,035	29	3,064	2,208	22	2,230	-827	-7	-834
<i>EPZ products</i>	28,599	55,876	84,475	27,397	55,119	82,516	-1,202	-757	-1,959
<i>Other</i>	17,557	5,921	23,478	17,810	6,351	24,161	253	430	683
Electricity, gas and water	2,868	173	3,041	2,833	159	2,992	-35	-14	-49
Construction	12,511	516	13,027	14,109	512	14,621	1,598	-4	1,594
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	12,063	4,846	16,909	12,425	5,266	17,691	362	420	782
<i>Wholesale & retail trade</i>	10,464	4,543	15,007	10,774	4,957	15,731	310	414	724
<i>Other</i>	1,599	303	1,902	1,651	309	1,960	52	6	58
Hotels and restaurants	13,664	3,478	17,142	14,108	4,108	18,216	444	630	1,074
Transport, storage and communications	14,613	2,908	17,521	14,792	3,302	18,094	179	394	573
Financial intermediation	4,171	2,845	7,016	4,285	3,102	7,387	114	257	371
<i>Insurance</i>	1,176	954	2,130	1,221	987	2,208	45	33	78
<i>Other</i>	2,995	1,891	4,886	3,064	2,115	5,179	69	224	293
Real estate, renting and business activities	6,381	2,348	8,729	6,633	2,261	8,894	252	-87	165
Public administration and defence; compulsory soc security	29,875	7,895	37,770	30,614	8,264	38,878	739	369	1,108
Education	10,251	8,663	18,914	10,869	9,766	20,635	618	1,103	1,721
Health and social work	5,777	5,209	10,986	6,069	5,539	11,608	292	330	622
Other services	5,132	1,971	7,103	4,858	2,110	6,968	-274	139	-135
Total	186,554	108,049	294,603	188,225	110,274	298,499	1,671	2,225	3,896

Table 2 - Employment in large establishments by sex and industrial group, March 2001 - March 2003

Both sexes

Industrial group	2001	2002	2003
Agriculture, forestry and fishing	31,253	25,258	23,394
<i>Sugarcane</i>	23,534	17,615	15,540
<i>Other</i>	7,719	7,643	7,854
Mining and quarrying	192	170	214
Manufacturing	116,960	111,017	108,907
<i>Sugar</i>	3,170	3,064	2,230
<i>EPZ products</i>	90,798	84,475	82,516
<i>Other</i>	22,992	23,478	24,161
Electricity, gas and water	2,955	3,041	2,992
Construction	13,287	13,027	14,621
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	16,477	16,909	17,691
<i>Wholesale & retail trade</i>	14,591	15,007	15,731
<i>Other</i>	1,886	1,902	1,960
Hotels and restaurants	16,292	17,142	18,216
Transport, storage and communications	16,640	17,521	18,094
Financial intermediation	7,059	7,016	7,387
<i>Insurance</i>	2,081	2,130	2,208
<i>Other</i>	4,978	4,886	5,179
Real estate, renting and business activities	8,907	8,729	8,894
Public administration and defence; compulsory social security	35,650	37,770	38,878
Education	18,295	18,914	20,635
Health and social work	11,002	10,986	11,608
Other services	6,248	7,103	6,968
Total	301,217	294,603	298,499

Table 2 (cont'd) - Employment in large establishments by sex and industrial group, March 2001 - March 2003

Male

Industrial group	2001	2002	2003
Agriculture, forestry and fishing	23,426	19,972	19,106
<i>Sugarcane</i>	16,916	13,453	12,499
<i>Other</i>	6,510	6,519	6,607
Mining and quarrying	92	85	109
Manufacturing	50,151	49,191	47,415
<i>Sugar</i>	3,143	3,035	2,208
<i>EPZ products</i>	29,779	28,599	27,397
<i>Other</i>	17,229	17,557	17,810
Electricity, gas and water	2,790	2,868	2,833
Construction	12,823	12,511	14,109
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	11,726	12,063	12,425
<i>Wholesale & retail trade</i>	10,132	10,464	10,774
<i>Other</i>	1,594	1,599	1,651
Hotels and restaurants	12,999	13,664	14,108
Transport, storage and communications	13,722	14,613	14,792
Financial intermediation	4,244	4,171	4,285
<i>Insurance</i>	1,181	1,176	1,221
<i>Other</i>	3,063	2,995	3,064
Real estate, renting and business activities	6,736	6,381	6,633
Public administration and defence; compulsory social security	28,455	29,875	30,614
Education	10,178	10,251	10,869
Health and social work	5,848	5,777	6,069
Other services	4,798	5,132	4,858
Total	187,988	186,554	188,225

Table 2 (cont'd) - Employment in large establishments by sex and industrial group, March 2001 - March 2003

Female

Industrial group	2001	2002	2003
Agriculture, hunting, forestry and fishing	7,827	5,286	4,288
<i>Sugarcane</i>	6,618	4,162	3,041
<i>Other</i>	1,209	1,124	1,247
Mining and quarrying	100	85	105
Manufacturing	66,809	61,826	61,492
<i>Sugar</i>	27	29	22
<i>EPZ products</i>	61,019	55,876	55,119
<i>Other</i>	5,763	5,921	6,351
Electricity, gas and water	165	173	159
Construction	464	516	512
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	4,751	4,846	5,266
<i>Wholesale & retail trade</i>	4,459	4,543	4,957
<i>Other</i>	292	303	309
Hotels and restaurants	3,293	3,478	4,108
Transport, storage and communications	2,918	2,908	3,302
Financial intermediation	2,815	2,845	3,102
<i>Insurance</i>	900	954	987
<i>Other</i>	1,915	1,891	2,115
Real estate, renting and business activities	2,171	2,348	2,261
Public administration and defence; compulsory social security	7,195	7,895	8,264
Education	8,117	8,663	9,766
Health and social work	5,154	5,209	5,539
Other services	1,450	1,971	2,110
Total	113,229	108,049	110,274

Table 3 - Employment in the General Government sector by industrial group and sex, March 2001 - March 2003

Industrial group	2001			2002			2003		
	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
Agriculture, forestry and fishing	4,559	315	4,874	4,614	325	4,939	4,916	418	5,334
Mining and quarrying	-	-	-	-	-	-	-	-	-
Manufacturing	243	26	269	249	34	283	252	33	285
Electricity, gas and water	-	-	-	-	-	-	-	-	-
Construction	2,142	122	2,264	2,155	132	2,287	2,010	144	2,154
Wholesale and retail trade; repair of motor vehicles and motorcycles, personal and household goods	-	-	-	-	-	-	-	-	-
Hotels and restaurants	-	-	-	-	-	-	-	-	-
Transport, storage and communications	18	15	33	20	18	38	14	21	35
Financial intermediation	11	8	19	11	8	19	-	-	-
Real estate, renting and business activities	387	265	652	420	297	717	121	203	324
Public administration and defence; compulsory social security	28,429	7,177	35,606	29,849	7,877	37,726	30,588	8,247	38,835
Education	7,135	4,971	12,106	7,145	5,349	12,494	7,709	6,332	14,041
Health and social work	5,507	3,943	9,450	5,465	3,967	9,432	5,710	4,255	9,965
Other services	281	36	317	265	36	301	289	44	333
Total	48,712	16,878	65,590	50,193	18,043	68,236	51,609	19,697	71,306

Table 4 - Employment in large establishments of EPZ by industrial group and sex , March 2001 - March 2003

Industrial Group	March 2001			March 2002			March 2003		
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes
<u>Manufacturing</u>	<u>29,779</u>	<u>61,019</u>	<u>90,798</u>	<u>28,599</u>	<u>55,876</u>	<u>84,475</u>	<u>27,397</u>	<u>55,119</u>	<u>82,516</u>
<i>of which:</i>									
Food	695	1,327	2,022	685	1,375	2,060	676	1,435	2,111
Textiles	5,152	2,526	7,678	4,854	2,667	7,521	4,679	2,539	7,218
Wearing apparel (except footwear)	21,223	52,731	73,954	20,564	47,605	68,169	19,581	46,811	66,392
Footwear and leather products	184	652	836	182	533	715	168	609	777
Wood and furniture	293	99	392	213	124	337	233	120	353
Medical, optical and photographic equipment	390	584	974	301	503	804	333	499	832
Watches and clocks	297	610	907	267	515	782	267	408	675
Jewellery & related articles	600	830	1,430	620	912	1,532	627	934	1,561
Paper products and printing and publishing	323	138	461	347	130	477	354	149	503
Chemical and plastic products	270	217	487	229	212	441	198	201	399
Other	352	1,305	1,657	337	1,300	1,637	281	1,414	1,695
<u>Non-manufacturing</u>	<u>490</u>	<u>563</u>	<u>1,053</u>	<u>491</u>	<u>673</u>	<u>1,164</u>	<u>431</u>	<u>553</u>	<u>984</u>
Total	30,269	61,582	91,851	29,090	56,549	85,639	27,828	55,672	83,500

Table 5 - Average monthly earnings¹ in large establishments by industrial group, March 2001 - March 2003

Industrial group	2001	2002	2003
Agriculture, forestry and fishing	7581	7959	8648
<i>of which Sugarcane</i>	7,039	7,386	8,180
Mining and quarrying	4,655	5,155	5,777
Manufacturing	5,856	6,155	6,668
<i>of which Sugar</i>	8,920	9,271	10,941
<i>EPZ products</i>	5,063	5,323	5,684
Electricity, gas and water	15,663	17,518	18,987
Construction	8,979	9,280	10,153
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	10,573	10,762	11,236
<i>of which Wholesale & retail trade</i>	10,640	10,848	11,259
Hotels and restaurants	7,799	8,034	8,402
Transport, storage and communication	11,986	12,777	13,716
Financial intermediation	16,538	17,228	17,782
<i>of which Insurance</i>	14,570	15,137	16,103
Real estate, renting and business activities	11,156	12,186	13,342
Public administration and defence; compulsory social security	10,671	11,018	11,228
Education	11,299	11,728	12,524
Health and social work	12,360	12,082	12,812
Other services	8,183	7,976	8,760
Total	8,701	9,159	9,837

¹earnings of daily, hourly and piece rate workers have been converted to a monthly basis and included in this table

Table 6 - Average monthly earnings¹ in large establishments of EPZ , March 2001 - March 2003

Industrial group	2001	2002	2003
<u>Manufacturing</u>	<u>5,063</u>	<u>5,323</u>	<u>5,684</u>
<i>of which:</i>			
Food	5,364	5,675	5,770
Textiles	6,956	7,489	6,945
Wearing apparel (except footwear)	4,760	4,973	5,449
Footwear and leather products	5,908	5,942	6,731
Wood and furniture	5,697	5,110	5,707
Medical, optical and photographic equipment	6,346	6,642	6,513
Watches and clocks	5,576	5,918	6,414
Jewellery & related articles	5,709	5,864	6,741
Paper products and printing and publishing	6,847	6,802	7,546
Chemical and plastic products	5,491	6,152	6,768
Other	4,948	5,024	4,845
<u>Non-manufacturing</u>	<u>7,818</u>	<u>7,305</u>	<u>8,406</u>
Total	5,100	5,354	5,723

¹ earnings of daily, hourly and piece rate workers have been converted to a monthly basis and included in this table