

SURVEY OF EMPLOYMENT AND EARNINGS IN LARGE ESTABLISHMENTS

March 2007 (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 and earnings in these establishments. This issue of the Economic and Social Indicator presents the preliminary results of the survey conducted in March 2007.

It is to be noted that following the promulgation of the Finance Act 2006, no distinction is now made between the Export Processing Zone (EPZ) and other manufacturing enterprises. This publication has to be reviewed accordingly, and as from the next issue, separate estimates for EPZ will no longer be published.

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 are working in their own homes on materials provided by the establishment, are excluded although they are remunerated by the establishment.
- (c) All central, regional and local government departments.

2. Response

The preliminary results of the survey presented below are based on the responses from 56% of large establishments, representing 66% of the total employment in this category of establishments. Estimates have been made for non-response on the basis of previous data and observed trend.

3. Results

4.1 Employment Level, March 2006 – March 2007

Preliminary estimates show that total employment in large establishments covered by the survey was 299,100 in March 2007 compared to 293,900 in March 2006, representing an increase of 5,200 (Table 1). This was the net result of an employment increase in almost all industry groups except 'Public Administration and defence, compulsory social security' which registered a loss of about 400. Employment in the primary sector stood at 21,800 in March 2007, same level as at March 2006. Employment in the secondary sector rose by 1,400 from 106,900 to 108,300 while the tertiary sector registered an increase of 3,800 from 165,200 to 169,000.

Analysis by sex shows that male employment increased by 3,500 from 189,000 in 2006 to 192,500 in 2007 and female employment increased by 1,700 from 104,900 in 2006 to 106,600 in 2007.

The total employment figure includes some 4,400 persons working in large establishments in Rodrigues, compared to 4,500 in March 2006. These were mainly government employees of Rodrigues Regional Assembly numbering 2,900 at March 2007.

Foreign workers who are also included in the total employment figure numbered 19,900 (10,800 males and 9,100 females) in March 2007, compared to 16,300 (8,100 males and 8,200 females) in March 2006. These workers were mainly engaged in the manufacturing establishments.

4.2 Employment by Industry

Between March 2006 and March 2007, 'Public administration and defence' registered a loss of 400 jobs while employment grew in all other major industry groups, led by 'Real estate, renting and business activities' which added 2,100 workers, the majority being employed in ICT companies. An increase of about 700 jobs was noted in each of the following industry groups: 'Manufacturing', 'Construction', 'Wholesale & Retail Trade', and 'Hotel & Restaurants'. 'Financial intermediation and 'Health and Social work' contributed each an increase of 300 jobs whilst 'Transport, storage and communications' registered an employment increase of 200.

4.3 Employment by sex

As regards distribution by sex, male employment showed an overall increase of 3,500. 'Manufacturing' registered an increase of 1,200 followed by 'Real estate, renting and business activities' (+1,000), 'Construction' (+700), 'Wholesale & Retail trade' (+500) and 'Hotels and Restaurants' (+500) while the other activity groups together accounted for an increase of 400. Male employment decreased in 'Public administration and defence: compulsory social security' (-600) and in 'Education' (-100).

Overall female employment increased by 1,700. The main contributors to this increase were 'Real estate, renting and business activities' (1,000) followed by 'Wholesale and Retail Trade' (300) and an increase of 200 each in 'Hotels and Restaurants', 'Financial intermediation' and 'Health and social work'. The increase was, however, mitigated by decrease in 'Manufacturing' (-500).

The evolution of employment in large establishments by sex and industrial group since 2005 is shown in Table 2.

4.4 Employment in the General Government Sector

The General Government sector comprises the Central Government, Regional Government and the Local Government. The Central Government covers the Budgetary Central Government (ministries and departments) and Extra Budgetary Units (agencies operating under the authority of the Central Government and responsible for the performance of specialized governmental functions). The Regional Government comprises the Regional Assembly of Rodrigues while the Local Government is made up of Municipalities and District Councils.

Employment in the General Government Sector decreased by about 500 from 74,300 (52,100 males, 22,200 females) in March 2006 to 73,800 (51,200 males, 22,600 females) in March 2007. Decrease in employment was noted in Central Government (-700) and in Regional Government (-100) while an increase was registered in Local Government (+300). Male employment decreased by 900 while female employment increased by 400.

Analysis by industrial group showed that the major increase in employment was registered in 'Health and social work' (+300) while a decline was observed in 'Public administration and defence' (-400) and in 'Agriculture' (-200).

4.5 Employment in the large establishments of the EPZ

The number of persons employed by 'large' EPZ establishments increased by 300 from 65,200 (51,200 Mauritians and 14,000 foreigners) in March 2006 to 65,500 (49,400 Mauritians and 16,100 foreigners) in March 2007 (Table 4). The increase is explained by a high net intake of foreigners (+2,100) offset by a large decline in Mauritian employment (-1,800).

The number of male employees increased by 1,200 to reach 25,300 in March 2007, while female employment decreased by 900 to 40,200 during the same period. Job increases (+600) occurred mainly in establishments manufacturing wearing apparel where male employment increased by 1,300 while female employment declined by 700.

4.6 Earnings

The level of average earnings is influenced mainly by increases in basic salaries and wages. However, 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 industry group for the years 2005 - 2007, where all rates have been converted to a monthly basis.

The 'Financial intermediation' and 'Electricity, gas and water' registered both the highest average monthly earnings (Rs 24,100) while the lowest average monthly earnings (Rs 6,300) was noted in 'Mining and quarrying'.

Overall average monthly earnings in large establishments increased by about 6% from Rs. 12,600 in March 2006 to Rs.13,300 in March 2007. A general upward trend was observed in all industry groups. 'Electricity, gas and water' and 'Health and social work' registered an

increase of 9% followed by 'Construction' (+8%), 'Mining and quarrying' (8%) and 'Hotels and Restaurants' (7%). The lowest increase was noted in 'Real estate, renting and business activities' (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 increased by about 7% from Rs 7,100 in March 2006 to Rs 7,600 in March 2007. At March 2007, average monthly earnings in the large EPZ manufacturing establishments was Rs 7,400 compared to Rs 15,400 in non-manufacturing establishments. The corresponding figures for 2006 were Rs 7,000 and Rs 12,800 respectively.

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Table 1 - Change in employment in large establishments by industrial group and sex, March 2006 - March 2007

Industrial group	March 2006 ¹			March 2007 ²			Diff. (March 07 - March 06)		
	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
Agriculture, forestry and fishing	18,052	3,584	21,636	18,047	3,637	21,684	-5	53	48
<i>Sugarcane</i>	11,369	2,428	13,797	11,499	2,497	13,996	130	69	199
<i>Other</i>	6,683	1,156	7,839	6,548	1,140	7,688	-135	-16	-151
Mining and quarrying	90	90	180	75	65	140	-15	-25	-40
Manufacturing	43,626	47,395	91,021	44,794	46,876	91,670	1,168	-519	649
<i>Sugar</i>	1,990	18	2,008	1,979	18	1,997	-11	0	-11
<i>EPZ products</i>	23,625	40,737	64,362	24,681	39,817	64,498	1,056	-920	136
<i>Other</i>	18,011	6,640	24,651	18,134	7,041	25,175	123	401	524
Electricity, gas and water	2,824	164	2,988	2,821	178	2,999	-3	14	11
Construction	12,345	580	12,925	13,070	559	13,629	725	-21	704
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	12395	5718	18,113	12860	5975	18,835	465	257	722
<i>Wholesale & retail trade</i>	10,749	5,386	16,135	11,263	5,632	16,895	514	246	760
<i>Other</i>	1,646	332	1,978	1,597	343	1,940	-49	11	-38
Hotels and restaurants	16,298	5,043	21,341	16,746	5,280	22,026	448	237	685
Transport, storage and communications	14,927	3,406	18,333	15,049	3,464	18,513	122	58	180
Financial intermediation	4,910	4,099	9,009	5,037	4,276	9,313	127	177	304
<i>Insurance</i>	1,240	1,104	2,344	1,307	1,165	2,472	67	61	128
<i>Other</i>	3,670	2,995	6,665	3,730	3,111	6,841	60	116	176
Real estate, renting and business activities	9,839	5,306	15,145	10,884	6,312	17,196	1,045	1,006	2,051
Public administration and defence; compulsory social security	31,130	9,168	40,298	30,523	9,344	39,867	-607	176	-431
Education	11,432	12,613	24,045	11,337	12,703	24,040	-95	90	-5
Health and social work	6,494	6,176	12,670	6,619	6,365	12,984	125	189	314
Other services	4,627	1,565	6,192	4,644	1,535	6,179	17	-30	-13
Total	188,989	104,907	293,896	192,506	106,569	299,075	3,517	1,662	5,179

¹ Revised

² Provisional

Table 2 - Employment in large establishments by sex and industrial group, March 2005 - March 2007

Both sexes

Industrial group	March 2005	March 2006 ¹	March 2007 ²
Agriculture, forestry and fishing	22,044	21,636	21,684
<i>Sugarcane</i>	13,803	13,797	13,996
<i>Other</i>	8,241	7,839	7,688
Mining and quarrying	182	180	140
Manufacturing	92,620	91,021	91,670
<i>Sugar</i>	2,234	2,008	1,997
<i>EPZ products</i>	65,159	64,362	64,498
<i>Other</i>	25,227	24,651	25,175
Electricity, gas and water	2,980	2,988	2,999
Construction	12,524	12,925	13,629
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	18,091	18,113	18,835
<i>Wholesale & retail trade</i>	16,126	16,135	16,895
<i>Other</i>	1,965	1,978	1,940
Hotels and restaurants	21,035	21,341	22,026
Transport, storage and communications	18,050	18,333	18,513
Financial intermediation	8,401	9,009	9,313
<i>Insurance</i>	2,345	2,344	2,472
<i>Other</i>	6,056	6,665	6,841
Real estate, renting and business activities	14,295	15,145	17,196
Public administration and defence; compulsory social security	39,547	40,298	39,867
Education	23,202	24,045	24,040
Health and social work	12,604	12,670	12,984
Other services	5,941	6,192	6,179
Total	291,516	293,896	299,075

¹ Revised

² Provisional

Table 2 (cont'd) - Employment in large establishments by sex and industrial group, March 2005- March 2007

Male

Industrial group	March 2005	March 2006 ¹	March 2007 ²
Agriculture,forestry and fishing	18,244	18,052	18,047
<i>Sugarcane</i>	11,246	11,369	11,499
<i>Other</i>	6,998	6,683	6,548
Mining and quarrying	88	90	75
Manufacturing	44,427	43,626	44,794
<i>Sugar</i>	2,213	1,990	1,979
<i>EPZ products</i>	23,901	23,625	24,681
<i>Other</i>	18,313	18,011	18,134
Electricity, gas and water	2,830	2,824	2,821
Construction	11,943	12,345	13,070
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	12,414	12,395	12,860
<i>Wholesale & retail trade</i>	10,778	10,749	11,263
<i>Other</i>	1,636	1,646	1,597
Hotels and restaurants	16,258	16,298	16,746
Transport, storage and communications	14,793	14,927	15,049
Financial intermediation	4,648	4,910	5,037
<i>Insurance</i>	1,280	1,240	1,307
<i>Other</i>	3,368	3,670	3,730
Real estate, renting and business activities	9,290	9,839	10,884
Public administration and defence; compulsory social security	30,823	31,130	30,523
Education	11,297	11,432	11,337
Health and social work	6,456	6,494	6,619
Other services	4,557	4,627	4,644
Total	188,068	188,989	192,506

¹ Revised

² Provisional

Table 2 (cont'd) - Employment in large establishments by sex and industrial group, March 2005- March 2007

Female

Industrial group	March 2005	March 2006 ¹	March 2007 ²
Agriculture, hunting, forestry and fishing	3,800	3,584	3,637
<i>Sugarcane</i>	2,557	2,428	2,497
<i>Other</i>	1,243	1,156	1,140
Mining and quarrying	94	90	65
Manufacturing	48,193	47,395	46,876
<i>Sugar</i>	21	18	18
<i>EPZ products</i>	41,258	40,737	39,817
<i>Other</i>	6,914	6,640	7,041
Electricity, gas and water	150	164	178
Construction	581	580	559
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	5,677	5,718	5,975
<i>Wholesale & retail trade</i>	5,348	5,386	5,632
<i>Other</i>	329	332	343
Hotels and restaurants	4,777	5,043	5,280
Transport, storage and communications	3,257	3,406	3,464
Financial intermediation	3,753	4,099	4,276
<i>Insurance</i>	1,161	1,104	1,165
<i>Other</i>	2,592	2,995	3,111
Real estate, renting and business activities	5,005	5,306	6,312
Public administration and defence; compulsory social security	8,724	9,168	9,344
Education	11,905	12,613	12,703
Health and social work	6,148	6,176	6,365
Other services	1,384	1,565	1,535
Total	103,448	104,907	106,569

¹ Revised

² Provisional

Table 3 - Employment in the General Government sector by industrial group and sex, March 2005 - March 2007

Both sexes

Industrial group	March 2005						March 2006						March 2007					
	Central Government			Regional Govt.	Local Govt	Total General Govt.	Central Government			Regional Govt.	Local Govt	Total General Govt.	Central Government			Regional Govt.	Local Govt	Total General Govt.
	Ministries Depts.	EBUs ^{1/}	Total Central Govt.				Ministries Depts.	EBUs ^{1/}	Total Central Govt.				Ministries Depts.	EBUs ^{1/}	Total Central Govt.			
Agriculture, forestry and fishing	4,450	879	5,329	-	-	5,329	4,200	904	5,104	-	-	5,104	3,991	943	4,934	-	-	4,934
Manufacturing	289	-	289	-	-	289	284	-	284	-	-	284	292	-	292	-	-	292
Construction	2,085	36	2,121	-	-	2,121	2,106	53	2,159	-	-	2,159	1,867	289	2,156	-	-	2,156
Transport, storage & communication	332	-	332	-	-	332	325	-	325	-	-	325	314	-	314	-	-	314
Real estate, renting and business activities	219	191	410	-	-	410	209	108	317	-	-	317	194	77	271	-	-	271
Public administration & defence; compulsory social security	27,870	1,702	29,572	3,075	6,862	39,509	28,468	1,765	30,233	2,977	7,050	40,260	26,657	2,990	29,647	2,894	7,310	39,851
Education	10,949	3,595	14,544	-	-	14,544	11,061	3,673	14,734	-	-	14,734	10,817	3,761	14,578	-	-	14,578
Health and social work	9,889	955	10,844	-	-	10,844	9,833	1,013	10,846	-	-	10,846	10,004	1,135	11,139	-	-	11,139
Other community, social and personal services	223	46	269	-	-	269	208	89	297	-	-	297	206	98	304	-	-	304
Total	56,306	7,404	63,710	3,075	6,862	73,647	56,694	7,605	64,299	2,977	7,050	74,326	54,342	9,293	63,635	2,894	7,310	73,839

1/ Extra budgetary Units

Table 3a - Employment in the General Government sector by industrial group and sex, March 2005 - March 2007

Male

Industrial group	March 2005						March 2006						March 2007					
	Central Government			Regional Govt.	Local Govt	Total General Govt.	Central Government			Regional Govt.	Local Govt	Total General Govt.	Central Government			Regional Govt.	Local Govt	Total General Govt.
	Ministries Depts.	EBUs ^{1/}	Total Central Govt.				Ministries Depts.	EBUs ^{1/}	Total Central Govt.				Ministries Depts.	EBUs ^{1/}	Total Central Govt.			
Agriculture, forestry and fishing	4,160	739	4,899	-	-	4,899	3,920	760	4,680	-	-	4,680	3,704	788	4,492	-	-	4,492
Manufacturing	256	-	256	-	-	256	246	-	246	-	-	246	253	-	253	-	-	253
Construction	1,924	33	1,957	-	-	1,957	1,934	45	1,979	-	-	1,979	1,698	268	1,966	-	-	1,966
Transport, storage & communication	268	-	268	-	-	268	261	-	261	-	-	261	257	-	257	-	-	257
Real estate, renting and business activities	61	111	172	-	-	172	62	67	129	-	-	129	56	44	100	-	-	100
Public administration & defence; compulsory social security	21,503	904	22,407	2,504	5,890	30,801	21,806	895	22,701	2,378	6,029	31,108	20,399	1,635	22,034	2,287	6,188	30,509
Education	5,649	1,782	7,431	-	-	7,431	5,547	1,810	7,357	-	-	7,357	5,361	1,820	7,181	-	-	7,181
Health and social work	5,451	640	6,091	-	-	6,091	5,397	686	6,083	-	-	6,083	5,460	735	6,195	-	-	6,195
Other community, social and personal services	202	29	231	-	-	231	187	52	239	-	-	239	179	55	234	-	-	234
Total	39,474	4,238	43,712	2,504	5,890	52,106	39,360	4,315	43,675	2,378	6,029	52,082	37,367	5,345	42,712	2,287	6,188	51,187

1/ Extra budgetary Units

Table 3b - Employment in the General Government sector by industrial group and sex, March 2005 - March 2007

Female

Industrial group	March 2005						March 2006						March 2007					
	Central Government			Regional Govt.	Local Govt	Total General Govt.	Central Government			Regional Govt.	Local Govt	Total General Govt.	Central Government			Regional Govt.	Local Govt	Total General Govt.
	Ministries Depts.	EBUs ^{1/}	Total Central Govt.				Ministries Depts.	EBUs ^{1/}	Total Central Govt.				Ministries Depts.	EBUs ^{1/}	Total Central Govt.			
Agriculture, forestry and fishing	290	140	430	-	-	430	280	144	424	-	-	424	287	155	442	-	-	442
Manufacturing	33	-	33	-	-	33	38	-	38	-	-	38	39	-	39	-	-	39
Construction	161	3	164	-	-	164	172	8	180	-	-	180	169	21	190	-	-	190
Transport, storage & communication	64	-	64	-	-	64	64	-	64	-	-	64	57	-	57	-	-	57
Real estate, renting and business activities	158	80	238	-	-	238	147	41	188	-	-	188	138	33	171	-	-	171
Public administration & defence; compulsory social security	6,367	798	7,165	571	972	8,708	6,662	870	7,532	599	1,021	9,152	6,258	1,355	7,613	607	1,122	9,342
Education	5,300	1,813	7,113	-	-	7,113	5,514	1,863	7,377	-	-	7,377	5,456	1,941	7,397	-	-	7,397
Health and social work	4,438	315	4,753	-	-	4,753	4,436	327	4,763	-	-	4,763	4,544	400	4,944	-	-	4,944
Other community, social and personal services	21	17	38	-	-	38	21	37	58	-	-	58	27	43	70	-	-	70
Total	16,832	3,166	19,998	571	972	21,541	17,334	3,290	20,624	599	1,021	22,244	16,975	3,948	20,923	607	1,122	22,652

1/ Extra budgetary Units

Table 4 - Employment in large establishments of EPZ by industrial group and sex , March 2005 - March 2007

Industrial Group	March 2005			March 2006			March 2007 ¹		
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes
Manufacturing	23,901	41,258	65,159	23,625	40,737	64,362	24,681	39,817	64,498
Food	798	1,854	2,652	1,255	2,890	4,145	1,142	2,767	3,909
Textiles	3,408	1,974	5,382	3,943	2,091	6,034	3,861	2,170	6,031
Wearing apparel (except footwear)	17,119	33,033	50,152	15,982	31,591	47,573	17,295	30,874	48,169
Footwear and leather products	152	586	738	137	522	659	97	426	523
Wood and furniture	265	137	402	216	138	354	143	138	281
Medical, optical and photographic equipment	286	451	737	286	513	799	301	559	860
Watches and clocks	266	461	727	286	483	769	274	447	721
Jewellery & related articles	670	1,041	1,711	610	1,061	1,671	713	990	1,703
Paper products and printing and publishing	358	164	522	338	129	467	321	152	473
Chemical and plastic products	169	168	337	177	132	309	152	131	283
Other	410	1,389	1,799	395	1,187	1,582	382	1,163	1,545
Non-manufacturing	481	398	879	523	355	878	665	384	1,049
Total	24,382	41,656	66,038	24,148	41,092	65,240	25,346	40,201	65,547
of which foreign workers	6,449	6,948	13,397	6,091	7,875	13,966	7,745	8,347	16,092

¹ Provisional

Table 5 - Average monthly earnings¹ in large establishments by industrial group, March 2005 - March 2007

Rupees

Industrial group	March 2005	March 2006 ²	March 2007 ³
Agriculture, forestry and fishing	9,825	10,019	10,510
<i>Sugarcane</i>	9,054	9,202	9,453
Mining and quarrying	5,588	5,895	6,340
Manufacturing	7,798	8,202	8,625
<i>Sugar</i>	11,284	12,468	12,897
<i>EPZ products</i>	6,656	7,002	7,428
Electricity, gas and water	19,457	22,056	24,125
Construction	12,042	13,047	14,143
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	12,772	13,547	14,387
<i>Wholesale & retail trade</i>	12,776	13,500	14,270
Hotels and restaurants	9,881	10,560	11,326
Transport, storage and communication	15,982	16,664	17,554
Financial intermediation	21,478	22,692	24,117
<i>Insurance</i>	19,293	19,536	21,212
Real estate, renting and business activities	12,822	13,447	13,657
Public administration and defence; compulsory social security	15,056	14,535	15,507
Education	15,096	16,216	16,682
Health and social work	16,628	17,306	18,869
Other services	11,427	12,298	12,554
Total	12,061	12,630	13,385

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¹ Earnings of daily, hourly and piece rate workers have been converted to a monthly basis

² Revised

³ Provisional

Table 6 - Average monthly earnings¹ in large establishments of EPZ , March 2005 - March 2007

Industrial group	Rupees		
	March 2005	March 2006	March 2007 ²
<u>Manufacturing</u>	<u>6,656</u>	<u>7,002</u>	<u>7,428</u>
Food	6,048	6,319	6,840
Textiles	8,122	8,071	9,083
Wearing apparel (except footwear)	6,428	6,817	7,161
Footwear and leather products	7,069	7,082	7,373
Wood and furniture	6,578	6,908	7,430
Medical, optical and photographic equipment	7,614	8,127	8,459
Watches and clocks	7,505	7,608	7,455
Jewellery & related articles	7,279	7,333	7,870
Paper products and printing and publishing	8,724	9,706	10,268
Chemical and plastic products	8,950	9,296	9,496
Other	6,151	7,049	7,721
<u>Non-manufacturing</u>	<u>10,622</u>	<u>12,806</u>	<u>15,388</u>
Total	6,722	7,099	7,574

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

² Provisional