SURVEY OF EMPLOYMENT AND EARNINGS IN LARGE ESTABLISHMENTS

March 2011 (Preliminary results)

1. Introduction

Statistics Mauritius 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 for March 2011 and revised figures for 2010.

It is to be noted that following the promulgation of the Finance Act 2006, no distinction is made between the Export Processing Zone (EPZ) and other manufacturing enterprises. This publication has been reviewed accordingly and figures are given for Export Oriented Enterprises (EOE) instead of EPZ.

2. Definition

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.

Primary sector comprises activities related to 'Agriculture, hunting, forestry and fishing' and 'Mining and quarrying'.

Secondary sector comprises activities related to 'Manufacturing', 'Electricity, gas and water supply' and 'Construction'.

Tertiary sector comprises all other activities which relate to the provision of services. These include 'Wholesale & retail trade, repair of motor vehicles, motor cycles, personal & household goods', 'Hotels and restaurants', 'Transport, storage & communication', 'Financial intermediation', 'Real estate, renting and business activities', 'Public administration & defence; compulsory social security', 'Education', 'Health and social work' and 'Other community, social and personal services'.

The **General Government** sector is made up of (i) Central Government (ii) Regional Government and (iii) Local Government as defined below.

(i.) **Central Government** covers all units that are agencies of the country's central authority. It consists of Budgetary Central Government and Extra Budgetary Units.

Budgetary Central Government includes all ministries and departments.

Extra Budgetary Units are agencies operating under the authority of the Central Government and responsible for the performance of specialized governmental functions in such fields as health, education, social welfare, construction and so on.

- (ii.) **Regional Government** comprises the Regional Assembly of Rodrigues.
- (iii.) Local Government consists of municipalities and district councils/village councils.

3. Response

The preliminary results of the survey presented below are based on responses obtained from 58% of large establishments, representing 72% of total employment in this category of establishments. Estimates have been made for non-response on the basis of previous data and observed trend.

4. Results

4.1 Employment Level, March 2010 - March 2011

Preliminary estimates show that total employment in large establishments covered by the survey was 302,592 in March 2011 compared to 301,729 in March 2010, representing an increase

of 863 (Table 1). This was the net result of employment increases mainly in the 'Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods' (+893), 'Construction (+875), 'Hotels & restaurants (+769) & 'Real estate, renting and business activities' (+732), partly offset by decreases in 'Manufacturing' (-2,397), 'Agriculture, hunting, forestry and fishing' (-675) and 'Transport, storage and communications' (-265).

Employment in the primary sector went down by 671 from 16,278 in March 2010 to 15,607 in March 2011. Employment in the secondary sector decreased by 1,573 from 97,476 to 95,903 whilst the tertiary sector registered an increase of 3,107 from 187,975 to 191,082.

Analysis by sex shows that male employment decreased by 1,520 from 192,094 to 190,574 whilst female employment increased by 2,383 from 109,635 to 112,018.

The total employment figure includes some 4,720 persons working in large establishments in Rodrigues, compared to 4,354 in March 2010. These were mainly government employees of Rodrigues Regional Assembly numbering 2,804 in March 2011.

Foreign workers are also included in the total employment figure and their number in March 2011 stood at 22,336 (12,784 males and 9,552 females) of whom 19,154 were engaged in the 'Manufacturing' sector (Table 4).

4.2 Employment by Industry

Between March 2010 and March 2011, increases in employment were registered in industrial groups 'Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods' (+893), 'Construction' (+875), 'Hotels and restaurants' (+769), 'Real estate, renting and business activities' (+732), 'Health and social work' (+465) and 'Financial intermediation' (+344).

Industrial groups showing fall in employment are: 'Manufacturing' (-2,397), 'Agriculture, hunting, forestry and fishing' (-675), 'Transport, storage and communications' (-265) and 'Public administration and defence; compulsory social security' (-216).

4.3 Employment by sex

As regards distribution by sex, male employment showed a decrease of 1,520. Decreases were noted in 'Manufacturing' (-1,545), 'Agriculture, hunting, forestry and fishing' (-392), 'Public administration and defence; compulsory social security' (-572) and 'Transport, storage and communications' (-520).

On the other hand, increases in employment are observed in the 'Construction' (+732), 'Wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods' (+514) and 'Real estate, renting and business activities' (+379).

Female employment increased by 2,383. The main contributors to this increase were 'Hotels and restaurants' (+704), 'Education' (+493) and 'Health and social work' (+424). However, some decreases showed in 'Manufacturing' (-852) and 'Agriculture, hunting, forestry and fishing' (-283).

4.4 Employment in the General Government Sector

Employment in the General Government Sector decreased by 444 from 73,947 in March 2010 to 73,503 in March 2011 (Table 2). Male employment decreased by 1,197 from 49,219 to 48,022 whilst female employment increased by 753 from 24,728 to 25,481.

4.5 Employment in the large establishments of the Export Oriented Enterprises (EOE) sector

The number of persons employed by 'large' EOE establishments decreased by 2,008 from 56,624 (39,048 Mauritians and 17,576 foreigners) in March 2010 to 54,616 (36,372 Mauritians and 18,244 foreigners) in March 2011 (Table 3). Decreases were mainly noted in 'Wearing apparel (except footwear)' (-2,470), 'Textiles' (-492) and 'Chemical and plastic products (-55), while major increases were observed in 'Food' (+263) and 'Paper product, printing and publishing' (+95).

The number of male employees decreased by 1,272 to stand at 22,316 in March 2011. Female employment stood at 32,300, a decrease of 736 from the March 2010 figure (Table 3).

4.6 Employment of foreign workers

The number of foreign workers in large establishments at March 2011 (Table 4) was estimated at 22,336 (12,784 males and 9,552 females) as compared to 21,161 (12,514 males and 8,647 females) in March 2010.

Increases were mainly noted in 'Manufacturing' (+848) and 'Real estate, renting and business activities' (+82).

4.7 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.

4.7.1 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 2009 to 2011, where all rates have been converted to a monthly basis.

'Financial intermediation' registered the highest average earnings (Rs 36,414) followed by 'Electricity, gas and water supply' (Rs 30,978) whilst the lowest average monthly earnings (Rs 7,409) were noted in 'Mining and quarrying'.

Overall average monthly earnings in large establishments increased by about 9.9% from Rs 18,247 in March 2010 to Rs 20,050 in March 2011. A general upward trend was observed in

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all industrial groups. Highest increases were registered in 'Construction' (13.6%), 'Transport, storage

and communication' (13.3%), 'Real estate, renting and business activities' (12.7%), 'Public

administration and defence; compulsory social security' (11.1%) and 'Hotels and restaurants'

(11.0%).

4.7.2 Earnings in large establishments of the EOE sector

Earnings in the EOE sector have also been converted to monthly rate (Table 6). The average

monthly earnings in this sector stood at Rs 10,286 in March 2011, an increase of 10.6% over the

March 2010 figure of Rs 9,297. At March 2011, the average monthly earnings in manufacturing

establishments of the EOE sector were Rs 9,899 compared to Rs 18,934 in non-manufacturing

establishments. The corresponding figures for 2010 were Rs 8,994 and Rs 18,215 respectively.

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Table 1 - Change in employment in large establishments by industrial group and sex, March 2010 - March 2011

		March 2010	1		March 2011	2	Change between March 2010 and March 2011		
Industrial group	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
Agriculture, hunting, forestry and fishing	13,052	3,091	16,143	12,660	2,808	15,468	-392	-283	-675
Sugarcane	7,202	1,537	8,739	7,092	1,232	8,324	-110	-305	-415
Other	5,850	1,554	7,404	5,568	1,576	7,144	-282	22	-260
Mining and quarrying	79	56	135	77	62	139	-2	6	4
Manufacturing	41,213	38,606	79,819	39,668	37,754	77,422	-1,545	-852	-2,397
Sugar	1,426	15	1,441	1,210	16	1,226	-216	1	-215
Food	4,793	4,402	9,195	5,042	4,468	9,510	249	66	315
Textiles	19,059	27,429	46,488	17,208	26,270	43,478	-1,851	-1,159	-3,010
Other	15,935	6,760	22,695	16,208	7,000	23,208	273	240	513
Electricity, gas and water supply	3,140	234	3,374	3,084	239	3,323	-56	5	-51
Construction	13,645	638	14,283	14,377	781	15,158	732	143	875
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	14,233	8,124	22,357	14,747	8,503	23,250	514	379	893
Wholesale & retail trade	12,483	7,711	20,194	12,773	8,037	20,810	290	326	616
Other	1,750	413	2,163	1,974	466	2,440	224	53	277
Hotels and restaurants	16,847	6,464	23,311	16,912	7,168	24,080	65	704	769
Transport, storage and communications	15,535	3,664	19,199	15,015	3,919	18,934	-520	255	-265
Financial intermediation	5,790	5,597	11,387	5,820	5,911	11,731	30	314	344
Insurance	1,193	1,210	2,403	1,201	1,332	2,533	8	122	130
Other	4,597	4,387	8,984	4,619	4,579	9,198	22	192	214
Real estate, renting and business activities	14,423	9,288	23,711	14,802	9,641	24,443	379	353	732
Public administration and defence; compulsory social security	29,590	9,544	39,134	29,018	9,900	38,918	-572	356	-216
Education	11,351	14,135	25,486	11,176	14,628	25,804	-175	493	318
Health and social work	7,659	7,872	15,531	7,700	8,296	15,996	41	424	465
Other community, social and personal services	5,537	2,322	7,859	5,518	2,408	7,926	-19	86	67
Total	192,094	109,635	301,729	190,574	112,018	302,592	-1,520	2,383	863
Export oriented enterprises	23,588	33,036	56,624	22,316	32,300	54,616	-1,272	-736	-2,008

¹Revised ²Provisional

Table 2 - Employment in the General Government sector by industrial group and sex, March 2009 - March 2011

Both sexes

			Marc	h 2009				March 2010					March 2011 ²						
Industrial group	Centra	al Gover	nment			Total	Cent	ral Gover	nment			Total	Centra	al Govern	nment			Total	
muusurai group	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	General Govt.	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	General Govt.	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	General Govt.	
Agriculture, hunting, forestry and fishing	3,059	930	3,989	-	-	3,989	2,823	935	3,758	-	-	3,758	2,622	922	3,544	-	-	3,544	
Manufacturing	278	-	278	-	-	278	282	-	282	-	-	282	275	-	275	-	-	275	
Construction	1,488	334	1,822	-	-	1,822	1,439	392	1,831	-	-	1,831	1,344	388	1,732	-	-	1,732	
Transport, storage & communication	318	-	318	-	-	318	327	-	327	-	-	327	319	-	319	-	-	319	(
Real estate, renting and business activities	193	87	280	-	-	280	195	92	287	-	-	287	224	97	321	-	-	321	
Public administration & defence; compulsory social security	26,756	3,231	29,987	2,719	6,859	39,565	26,355	3,381	29,736	2,630	6,740	39,106	26,134	3,365	29,499	2,804	6,585	38,888	
Education	11,071	4,052	15,123	-	-	15,123	11,100	4,250	15,350	-	-	15,350	11,108	4,278	15,386	-	-	15,386	
Health and social work	10,073	1,144	11,217	-	-	11,217	11,554	1,170	12,724	-	-	12,724	11,622	1,129	12,751	-	-	12,751	
Other community, social and personal services	176	104	280	-	-	280	159	123	282	-	-	282	141	146	287	-	-	287	
Total	53,412	9,882	63,294	2,719	6,859	72,872	54,234	10,343	64,577	2,630	6,740	73,947	53,789	10,325	64,114	2,804	6,585	73,503	

¹ Extra Budgetary Units

² Provisional

Table 2a - Employment in the General Government sector by industrial group and sex, March 2009 - March 2011

Male

			Marc	h 2009			March 2010					March 2011 ²						
To 1 orași di con co	Centra	al Govern	nment			Total	Centra	al Gover	nment			Total	Centra	al Govern	nment			(F) (4.1)
Industrial group	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	General Govt.	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	General Govt.	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	Total General Govt.
Agriculture, hunting, forestry and fishing	2,797	774	3,571	1	-	3,571	2,598	774	3,372	-	-	3,372	2,387	752	3,139	-	-	3,139
Manufacturing	244	-	244	-	-	244	249	-	249	-	-	249	245	-	245	-	-	245
Construction	1,321	311	1,632	-	-	1,632	1,252	357	1,609	-	-	1,609	1,139	354	1,493	-	-	1,493
Transport, storage & communication	252	-	252	-	-	252	258	-	258	-	-	258	247	-	247	-	-	247
Real estate, renting and business activities	51	50	101	-	-	101	53	51	104	-	-	104	74	55	129	-	-	129
Public administration & defence; compulsory social security	20,243	1,892	22,135	2,102	5,757	29,994	19,972	1,954	21,926	2,013	5,635	29,574	19,499	1,915	21,414	2,097	5,491	29,002
Education	5,149	1,851	7,000	-	-	7,000	5,145	1,920	7,065	-	-	7,065	4,938	1,909	6,847	-	-	6,847
Health and social work	5,280	749	6,029	-	-	6,029	6,039	758	6,797	-	-	6,797	6,018	710	6,728	-	-	6,728
Other community, social and personal services	143	59	202	-	-	202	127	64	191	-	-	191	108	84	192	-	-	192
Total	35,480	5,686	41,166	2,102	5,757	49,025	35,693	5,878	41,571	2,013	5,635	49,219	34,655	5,779	40,434	2,097	5,491	48,022

¹ Extra Budgetary Units ² Provisional

Table 2b - Employment in the General Government sector by industrial group and sex, March 2009- March 2011

Female

			March	1 2009				March 2010					March 2011 ²					
	Centra	al Govern	nment				Centi	al Gover	nment				Centi	ral Gover	nment			
Industrial group	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	Total General Govt.	Ministries Depts.	EBUs ¹	Total Central Govt.	Regional Govt.	Local Govt	Total General Govt.	Ministries Depts.	EBUs 1	Total Central Govt.	Regional Govt.	Local Govt	Total General Govt.
Agriculture, hunting, forestry and fishing	262	156	418	-	-	418	225	161	386	-	-	386	235	170	405	-	-	405
Manufacturing	34	-	34	-	-	34	33	-	33	-	-	33	30	-	30	-	-	30
Construction	167	23	190	-	-	190	187	35	222	-	-	222	205	34	239	-	-	239
Transport, storage & communication	66	-	66	-	-	66	69	-	69	-	-	69	72	-	72	-	-	72
Real estate, renting and business activities	142	37	179	-	-	179	142	41	183	-	-	183	150	42	192	-	-	192
Public administration & defence; compulsory social security	6,513	1,339	7,852	617	1,102	9,571	6,383	1,427	7,810	617	1,105	9,532	6,635	1,450	8,085	707	1,094	9,886
Education	5,922	2,201	8,123	-	-	8,123	5,955	2,330	8,285	-	-	8,285	6,170	2,369	8,539	-	-	8,539
Health and social work	4,793	395	5,188	-	-	5,188	5,515	412	5,927	-	-	5,927	5,604	419	6,023	-	-	6,023
Other community, social and personal services	33	45	78	-	-	78	32	59	91	-	-	91	33	62	95	-	-	95
Total	17,932	4,196	22,128	617	1,102	23,847	18,541	4,465	23,006	617	1,105	24,728	19,134	4,546	23,680	707	1,094	25,481

¹ Extra Budgetary Units ² Provisional

Table 3 - Change in employment in large establishments of Export Oriented Enterprises (EOE) sector by industrial group and sex, March 2010 - March 2011

Industrial Group		March 2010			March 2011	1	Change between March 2010 and March 2011			
	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	
Manufacturing	22,774	32,595	55,369	21,181	31,865	53,046	-1,593	-730	-2,323	
Food	1,400	2,974	4,374	1,519	3,118	4,637	119	144	263	
Textiles	3,336	1,388	4,724	3,163	1,069	4,232	-173	-319	-492	
Wearing apparel (except footwear)	15,034	24,454	39,488	13,351	23,667	37,018	-1,683	-787	-2,470	
Footwear and leather products	117	367	484	142	428	570	25	61	86	
Wood and furniture	309	126	435	221	240	461	-88	114	26	
Medical, optical and photographic equipment	248	473	721	377	434	811	129	-39	90	
Watches and clocks	265	354	619	279	423	702	14	69	83	
Jewellery & related articles	484	814	1,298	483	773	1,256	-1	-41	-42	
Paper products and printing and publishing	531	260	791	597	289	886	66	29	95	
Chemical and plastic products	371	234	605	345	205	550	-26	-29	-55	
Other	679	1,151	1,830	704	1,219	1,923	25	68	93	
Non-manufacturing	814	441	1,255	1,135	435	1,570	321	-6	315	
Total	23,588	33,036	56,624	22,316	32,300	54,616	-1,272	-736	-2,008	
of which foreign workers	9,355	8,221	17,576	9,231	9,013	18,244	-124	792	668	

¹ Provisional

Table 4 - Foreign workers employed in large establishments by industrial group and sex, March 2009 - March 2011

T. L.		2009			2010		2011 1			
Industry	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	
Agriculture, hunting, forestry and fishing	4	1	5	12	4	16	20	3	23	
Mining & quarrying	-	-	-	-	-	-	-	-	-	
Manufacturing	10,524	7,238	17,762	10,012	8,294	18,306	10,051	9,103	19,154	
of which Sugar	-	-	-	-	-	-	-	-	-	
Food	336	869	1,205	309	940	1,249	456	1,071	1,527	
Textiles	9,564	6,357	15,921	9,046	7,317	16,363	8,758	7,996	16,754	
Other	624	12	636	657	37	694	837	36	873	
Electricity, gas and water supply	2	-	2	3	-	3	3	1	4	
Construction	947	7	954	1,521	7	1,528	1,551	11	1,562	
Wholesale& retail trade; repair of m/vehicles, motorcycles, personal & household goods	109	21	130	82	14	96	117	32	149	
Hotels & restaurants	140	62	202	198	80	278	235	99	334	
Transport, storage & communication	194	23	217	164	29	193	151	30	181	
Financial intermediation	68	9	77	84	10	94	82	12	94	
Real estate, renting and business activities	187	54	241	186	66	252	270	64	334	
Public administration & defence; compulsory social security	22	6	28	6	4	10	20	3	23	
Education	61	60	121	66	74	140	71	80	151	
Health and social work	56	19	75	108	56	164	136	100	236	
Other community, social & personal services	72	16	88	72	9	81	77	14	91	
Total	12,386	7,516	19,902	12,514	8,647	21,161	12,784	9,552	22,336	
Of which Export Oriented Enterprises	9,714	7,213	16,927	9,355	8,221	17,576	9,231	9,013	18,244	

¹ Provisional

Table 5 - Average monthly earnings¹ in large establishments by industrial group, March 2009 - March 2011

Rupees

			Rupees
Industrial group	March 2009	March 2010	March 2011 ²
Agriculture, hunting, forestry and fishing	12,757	13,841	14,736
Sugarcane	11,108	12,445	13,852
Mining and quarrying	6,870	6,946	7,409
Manufacturing	10,008	10,810	11,919
Sugar	15,703	16,023	17,703
Food	10,024	11,151	12,361
Textiles	8,275	8,647	9,479
Other	11,971	13,001	14,286
Electricity, gas and water supply	26,385	29,527	30,978
Construction	16,521	18,276	20,757
Wholesale & retail trade; repair of motor vehicles, motorcycles, personal and household goods	16,528	17,558	19,071
Wholesale & retail trade	16,450	17,434	18,876
Hotels and restaurants	13,317	14,297	15,875
Transport, storage and communication	20,281	21,527	24,391
Financial intermediation	29,044	33,078	36,414
Insurance	25,863	28,316	31,184
Real estate, renting and business activities	16,764	18,768	21,154
Public administration and defence; compulsory social security	22,039	22,078	24,533
Education	22,374	23,204	24,753
Health and social work	23,413	23,892	23,980
Other community, social and personal services	14,242	15,736	16,604
Total	16,883	18,247	20,050
Of which Export oriented enterprises	8,814	9,297	10,286

¹ Earnings of daily, hourly and piece rate workers have been converted to a monthly basis ² Provisional

Table 6 - Average monthly earnings¹ in large establishments of Export Oriented Enterprises (EOE) sector, March 2009 - March 2011

Rupees

Industrial group	March 2009	March 2010	March 2011 ²
Manufacturing	<u>8,518</u>	<u>8,994</u>	<u>9,899</u>
Food	7,610	8,516	9,509
Textiles	11,393	12,022	13,452
Wearing apparel (except footwear)	8,142	8,458	9,350
Footwear and leather products	9,706	10,972	11,218
Wood and furniture	8,224	9,291	10,454
Medical, optical and photographic equipment	9,842	10,953	11,239
Watches and clocks	8,853	10,062	10,350
Jewellery & related articles	8,443	9,262	9,560
Paper products and printing and publishing	11,120	11,396	12,800
Chemical and plastic products	10,764	12,149	13,281
Other	8,576	9,754	10,333
Non-manufacturing	<u>17,920</u>	<u>18,215</u>	<u>18,934</u>
Total	8,814	9,297	10,286

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

² Provisional