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1. EXPORT PROCESSING ZONE - YEAR 1990
2. AGRICULTURAL PRODUCTION - YEAR 1990

MINISTRY OF ECONOMIC PLANNING & DEVELOPMENT
PORT LOUIS
MAURITIUS

The Export Processing Zone - Year 1990

1. Introduction

This issue of the Economic Indicators reports on the findings of the Quarterly (4th quarter) survey of Employment in the EPZ sector carried out in December 1990.

A few additional tables relating to new enterprises and closures and a geographical distribution of the establishments as at December 1990 are also given in this last issue relating to year 1990.

2. Employment evolution during 4th Quarter 1990

During the period October to December 1990, 17 new enterprises were set up whilst 13 closed down, bringing the total number of enterprises operating in the EPZ sector as at December 1990 to 568.

Employment in the EPZ enterprises recorded a net increase of 1,600 workers, of whom 1,400 were male and 200 female workers, bringing the total workforce to nearly 90,000 (60,700 males and 29,300 females).

A detailed analysis of employment by firm shows that firms which were expanding in activities and those newly started contributed to the creation of some 5,000 additional jobs. This was, however, partly offset by reduction in personnel reported in other firms (2,300) and employment loss through closures (1,000).

Sectors which have recorded increases in employment were: Other Garments (+900), Textile yarn and fabrics (+600) and Food (+200).

3. Employment evolution during year 1990

As at December 1990, the 568 enterprises operating in the EPZ sector employed some 90,000 workers, of whom two thirds or 60,700 were female workers. The total, however, includes some 2,300 outworkers and 750 expatriates.

A comparison of December 1990 figures with December 1989 shows that during the twelve-months period, the EPZ sector increased its workforce by 1,300 : male employment dropped by 1,000 whilst female employment increased by 2,300. This slight increase compares favourably with the reduction of around 500 registered in 1989.

During the year, 62 new enterprises were set up which employed some 2,900 workers whilst 57 closed down resulting in the loss of some 4,500 jobs. Although employment in the EPZ sector seemed to have stabilised around the 90,000 mark, there is a high mobility of workers among EPZ firms as is illustrated in the analysis given at Table 4 : total employment creation of around 11,600 jobs, was offset by a reduction of 10,300, resulting in a net increase of only 1,300.

A sector-wise analysis of employment shows that the sector which has been decreasing during the past two years is the woollen sector, consisting of 'pullover' and 'woollen gloves'. On the other hand, the 'food', 'flowers', 'textile yarn and fabrics', 'other garments' and the 'electric and electronic products' sectors have experienced continuous expansion during the period December 88 - December 90.

4. Analysis of new enterprises & closures during 1990

In 1990, 62 new enterprises were set up of which 29 were in the textile sector and 33 in the non-textile sector, a sign of diversification in the activities of the EPZ sector away from textile sector.

On the other hand, out of the 57 closures, nearly 70% were textile companies. It is worth pointing out that some of the firms closing down have in fact been amalgamated to other expanding companies.

5. Distribution of enterprise by size of employment

Table 10 shows that more than 50% of the enterprises employ less than 50 employees each but they accounted for only 7% of total employment.

On the other extreme, there are 16 companies employing a total of 25,000 people.

6. Geographical distribution of establishment & employment

The table on geographical distribution of establishments illustrates that the 568 enterprises comprise 707 establishments showing the presence of 144 subsidiary units.

The establishments are more concentrated around the urban regions namely Port Louis and Plaine Wilhems. Apart from Black River and Savanne which are the two remote places, the concentration in the other five districts is in the range of 50 - 70 establishments.

Region-wise, employment is high in places where there are industrial estates, that is, Plaine Lauzun, St. Antoine/Goodlands, Central Flacq, Coromandel, Vacoas/Phoenix, Floreal/Forest Side and Moka/St Pierre.

7. Exports & Imports

Trade figures of the EPZ sector are not final but preliminary estimates show that in 1990, the EPZ enterprises exported goods worth of Rs 11,400 mn, representing a nominal increase of 26% over the Rs 9,057mn in year 1989.

Imports of raw materials and equipment are estimated to vary around Rs 8,000mn resulting in net export earnings of Rs 3,400mn. The ratio of net exports to exports will consequently rise to 30% from 17% in 1989 and 28% in 1988.

Central Statistical Office,
Port Louis.

February 1991

Main Indicators of EPZ Sector

Particulars	Year							
	1983	1984	1985	1986	1987	1988	1989	1990
1. No. of enterprises as at December	146	195	290	408	531	591	562	568
2. Employment as at December	25,526	37,522	53,951	74,015	87,905	89,080	88,650	89,906
3. Exports for calendar year (Rs mn)	1,307	2,151	3,283	4,951	6,567	8,176	9,057	11,442
4. Imports for calendar year (Rs mn)	247	1,650	2,530	3,863	4,801	5,890	7,502	8,600
5. Net exports for calendar year (Rs mn)	460	501	753	1,088	1,766	2,286	1,555	2,842
6. Net exports % exports (%)	35.2	23.3	22.9	22.0	26.9	28.0	17.2	24.8
7. Value added (Rs mn)	548	865	1,333	1,860	2,585	3,125	3,300	3,800
8. Growth rate (%)	8.8	32.9	30.0	34.9	22.0	12.0	4.0	7.0

EPZ ENTERPRISES & EMPLOYMENT 1985-1990

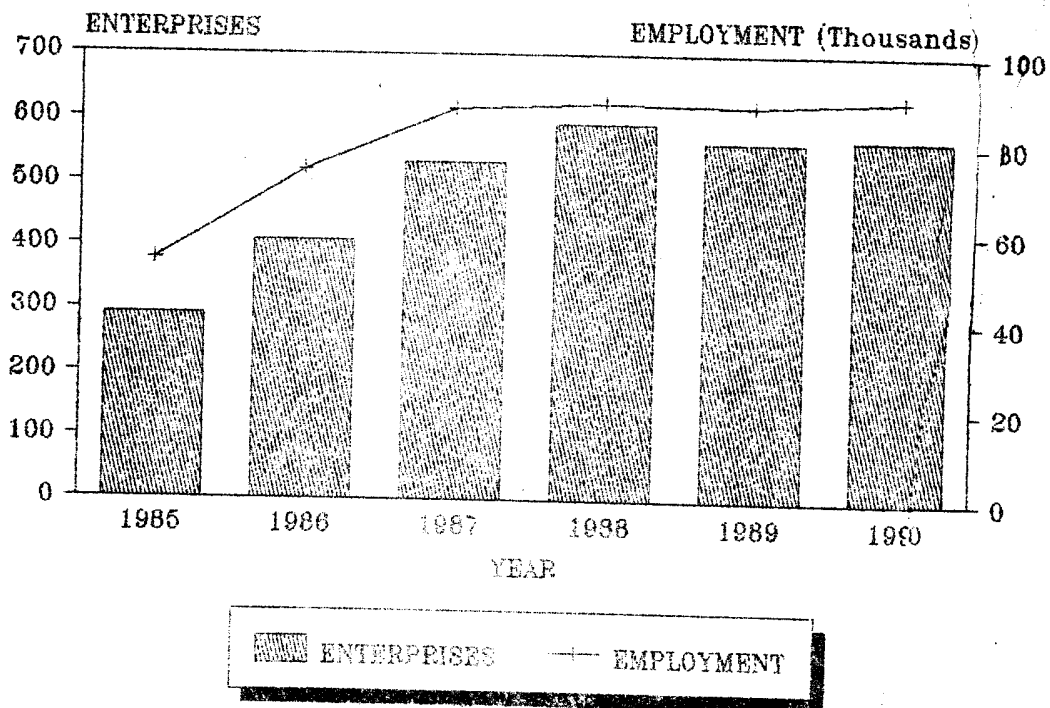


FIG 1

EPZ EMPLOYMENT BY SECTOR DECEMBER 1990

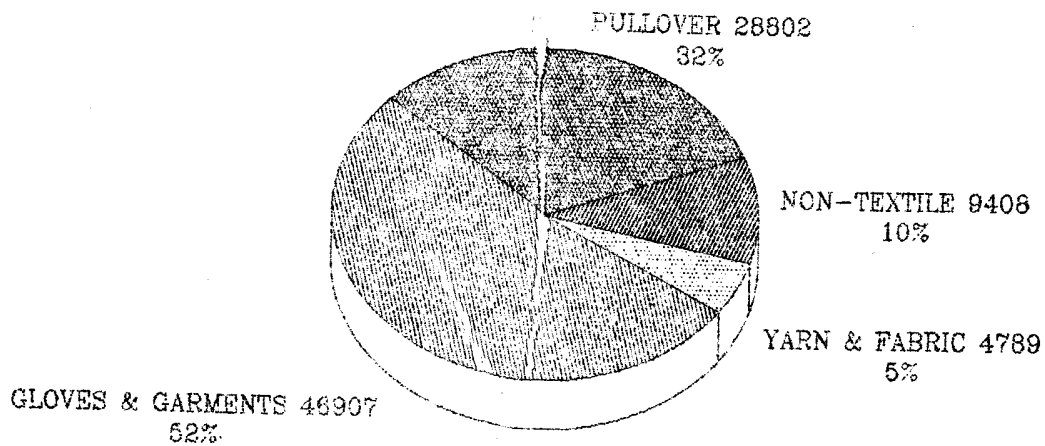


FIG 2

EPZ IMPORT & EXPORT 1985-1990

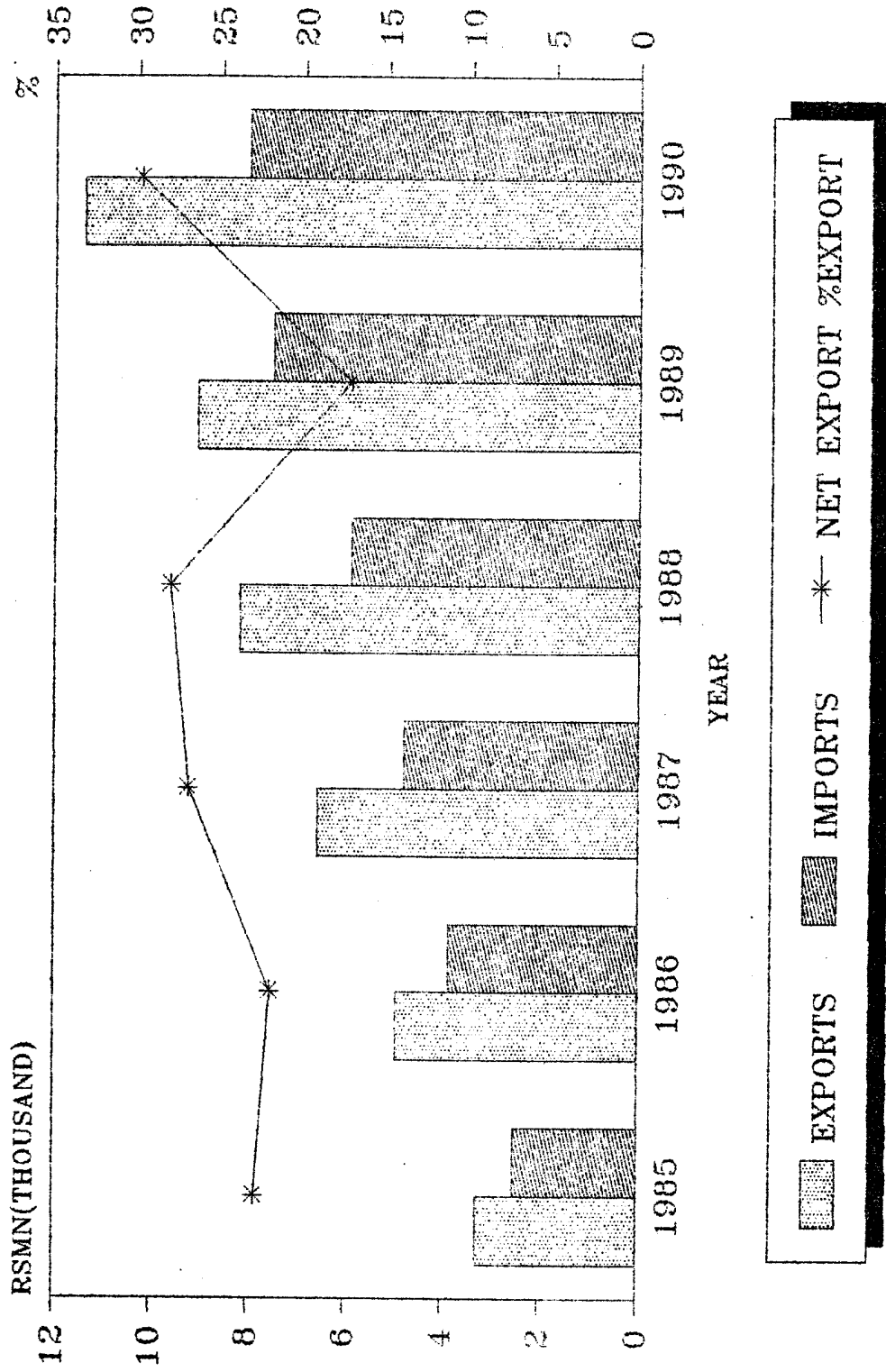


FIG 3

Table 1 - EPZ :- Employment as at September 1990 and December 1990 by category of enterprise and by sex

Category of enterprise*	Number of enterprises as at end of		Employment as at end of						Net change		
	September 1990	December 1990	September 1990			December 1990			Male	Female	Total
			Male	Female	Total	Male	Female	Total			
Large ^{1/}	482	476	27,562	57,849	85,411	28,763	58,408	87,171	+1,201	+555	-1,760
Small	90	89	278	179	457	264	197	461	-14	+16	+4
Outworkers ^{2/}	2	3	46	2,344	2,390	249	2,025	2,274	+203	-319	-116
Total	574	568	27,886	60,372	88,258	29,276	60,630	89,906	+1,390	+256	+1,648

* Category of enterprise

Large : Enterprise employing 10 or more persons

Small : Enterprise employing less than 10 persons

Outworkers : Persons working at their home, on materials provided by enterprise

1/ Employment data include around 750 expatriates

2/ Number of enterprises relate to enterprises employing exclusively outworkers, whilst employment refers to total number of persons employed as outworkers

Table 2 - EPZ : - Employment as at December 1989 and December 1990 by category of enterprise and by sex

Category of enterprise*	Number of enterprises as at end of		Employment as at end of												
	December 1989	December 1990	Net change	December 1989					December 1990					Net change	
				Male	Female	Total	Male	Female	Total	Male	Female	Total	Female	Male	Total
Large ^{1/}	483	476	-7	30,046	56,221	86,267	28,763	58,408	87,171	-1,283	+2,187	+904			
Small	78	89	+11	253	169	422	264	197	461	+11	+26	+39			
Outworkers ^{2/}	2	3	+1	33	1,928	1,961	249	2,025	2,274	+216	+97	+313			
TOTAL	563	568	+5	30,332	58,318	88,650	29,276	60,630	89,906	-1,056	+2,304	+1,256			

* Category of enterprise

Large : Enterprise employing 10 or more persons

Small : Enterprise employing less than 10 persons

Outworkers : Persons working at their home, on materials provided by enterprise

1/ Employment data include around 750 expatriates

2/ Number of enterprises relate to enterprises employing exclusively outworkers, whilst employment refers to total number of persons as outworkers

Table 3 - Employment evolution in the EPZ sector during the 4th quarter 1990

Description	Number of enterprises	Employment
1. <u>SITUATION AS AT END OF SEPTEMBER 1990</u>	<u>574</u>	<u>88,256</u>
2. Total employment creation	...	<u>4,976</u>
of which through :		
Expansion 1/ of existing enterprises	(41)	4,653
New enterprises	7	307
3. Total loss	...	3,322
of which through :		
Reduction in activities of existing enterprises	(20)	2,209
Closing down of enterprises	13	1,033
4. Net change	-6	+1,646
5. <u>SITUATION AS AT END OF DECEMBER 1990</u>	<u>568</u>	<u>89,906</u>

1/ No. of enterprises relates to those which have increased their workforce by 25 or more employees whilst employment relates to total expansion

Table 4 - Employment evolution in the EPZ sector during the year 1990

Description	Number of enterprises	Employment
1. <u>SITUATION AS AT END OF DECEMBER 1989</u>	<u>563</u>	<u>88,650</u>
2. Total employment creation	...	<u>11,598</u>
of which through :		
Expansion ^{1/}	(75)	8,744
of existing enterprises		
New enterprises	62	2,054
3. Total loss	...	<u>10,302</u>
of which through :		
Reduction in activities/ of existing enterprises	(59)	5,039
Closing down of enterprises	57	4,503
4. Net change	+5	+1,256
5. <u>SITUATION AS AT END OF DECEMBER 1990</u>	<u>568</u>	<u>89,906</u>

^{1/} No. of enterprises relates to those which have increased their workforce by 25 or more employees whilst employment relates to total expansion

Table 5 - EPZ :- Analysis of net change in employment during period September 1990 - December 1990 by product group

Product group	Employment as at end of		Net change in employment
	September 1990	December 1990	
1. Food	955	1,161	+ 206
2. Flowers	499	544	+ 45
3. Textile yarn and fabrics	4,221	4,789	+ 568
4. Wearing apparels	74,798	75,709	+ 911
of which (a) pullovers	(28,837)	(28,802)	(- 35)
(b) gloves	(431)	(458)	(+ 27)
(c) other garments	(45,530)	(46,449)	(+919)
5. Leather products and footwear	1,402	1,336	- 66
6. Wood and paper products	539	517	- 22
7. Optical goods	494	570	+ 76
8. Watches, electronic watches and clocks	851	850	- 1
9. Electric and other electronic products	465	408	- 57
10. Jewellery and related articles	1,336	1,380	+ 44
11. Toys and carnival articles	1,000	978	- 22
12. Other	1,698	1,664	- 34
T O T A L	88,258	89,906	+1,648

Table 6 - EPZ:- Analysis of net change in employment during period December 1989 - December 1990 by product group

Product group	Employment as at end of		Net change in employment
	December 1989	December 1990	
1. Food	921	1,161	+ 240
2. Flowers	421	544	+ 123
3. Textile yarn and fabrics	4,251	4,789	+ 538
4. Wearing apparels	75,201	75,709	+ 508
of which (a) pullovers	(29,626)	(28,802)	(-824)
(b) gloves	(461)	(458)	(- 3)
(c) other garments	(45,114)	(46,449)	(+1,335)
5. Leather products and footwear	1,242	1,336	+ 94
6. Wood and paper products	540	517	- 23
7. Optical goods	587	570	- 17
8. Watches, electronic watches and clocks	903	850	- 53
9. Electric and other electronic products	231	408	+ 177
10. Jewellery and related articles	1,722	1,380	- 342
11. Toys and carnival articles	896	978	+ 82
12. Other	1,735	1,664	- 71
T O T A L	88,650	89,906	+1,256

Table 7 - EPZ:- Employment evolution by product group and sex, (December 1988 - December 1990)

Product group	December 1988			December 1989			December 1990		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1. Food	343	406	749	425	496	921	410	751	1,161
2. Flowers	161	197	358	192	229	421	253	291	544
3. Textile yarn and fabric	2,423	1,387	3,810	2,710	1,541	4,251	3,066	1,723	4,789
4. Wearing apparels	25,311	51,922	77,233	23,396	51,805	75,201	22,264	53,445	75,709
of which (a) pullovers	(6,840)	(24,792)	(31,632)	(6,988)	(22,638)	(29,626)	(6,123)	(22,679)	(28,802)
(b) gloves	(140)	(460)	(600)	(118)	(343)	(461)	(114)	(344)	(458)
(c) other garments	(18,331)	(26,670)	(45,001)	(16,290)	(28,824)	(45,114)	(16,027)	(30,422)	(46,449)
5. Leather products and footwear	319	786	1,105	261	981	1,242	346	990	1,336
6. Wood and paper products	335	185	520	344	196	540	310	207	517
7. Optical goods	340	237	577	360	227	587	359	211	570
8. Watches, electronic watches and clocks	220	652	872	216	687	903	210	640	850
9. Electric & other electronic products	31	47	78	147	84	231	190	218	408
10. Jewellery & related articles	1,094	410	1,504	1,227	495	1,722	908	472	1,380
11. Toys and carnival articles	79	695	774	73	823	896	94	884	978
12. Other	891	609	1,500	981	754	1,735	866	798	1,664
T O T A L	31,547	57,533	89,080	30,332	58,318	88,650	29,276	60,630	89,906

Table 8 - EPZ:- Number of enterprises by product group, Quarterly Series, (years 1989 and 1990)

Product group	1989				1990			
	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.
1. Food	11	11	12	13	13	13	13	13
2. Flowers	29	29	30	33	36	42	43	43
3. Textile yarn and fabrics	27	27	31	30	31	31	31	32
4. Wearing apparels	378	388	370	359	340	344	346	339
of which (a) Pullovers	(61)	(61)	(60)	(59)	(58)	(58)	(59)	(56)
(b) Gloves	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(c) Other garments	(312)	(322)	(305)	(295)	(277)	(281)	(282)	(278)
5. Leather products and footwear	12	11	11	11	12	13	13	13
6. Wood and paper products	15	15	13	14	14	15	16	15
7. Optical goods	4	4	4	4	4	5	5	6
8. Watches, electronic watches and clocks	6	6	6	6	5	5	6	6
9. Electric & other electronic products	7	7	8	8	9	12	13	12
10. Jewellery and related articles	15	15	15	17	17	18	19	19
11. Toys and carnival articles	7	7	7	7	8	8	8	8
12. Other	62	55	57	61	59	60	61	62
T O T A L	573	575	564	563	548	566	574	568

Table 9 - EPZ.- Employment by product group. Quarterly Series. (years 1989 and 1990)

Product group	1989				1990			
	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.
1. Food	744	830	898	921	969	971	955	1,161
2. Flowers	400	428	405	421	473	477	499	544
3. Textile yarn and fabrics	4,023	4,192	4,337	4,251	4,387	4,360	4,221	4,789
4. Wearing apparels	76,038	76,410	76,506	75,201	76,237	76,397	74,798	75,709
of which (a) pullovers	(31,125)	(31,008)	(31,209)	(29,626)	(29,415)	(29,591)	(28,837)	(28,802)
(b) gloves	(554)	(541)	(454)	(461)	(482)	(458)	(431)	(458)
(c) other garments	(44,359)	(44,861)	(44,843)	(45,114)	(46,340)	(46,348)	(45,530)	(46,449)
5. Leather products and footwear	1,232	1,281	1,231	1,242	1,295	1,424	1,402	1,336
6. Wood and paper products	525	491	481	540	474	511	539	517
7. Optical goods	613	613	587	587	465	479	494	510
8. Watches, electronic watches & clocks	881	884	908	903	940	966	851	850
9. Electric & other electronic products	146	146	184	231	254	349	465	408
10. Jewellery & related articles	1,633	1,631	1,649	1,722	1,673	1,589	1,336	1,380
11. Toys and carnival articles	833	827	878	896	896	1,031	1,000	978
12. Other	2,218	1,532	1,605	1,735	1,692	1,657	1,698	1,664
T O T A L	89,286	89,265	89,669	88,650	89,755	90,211	88,258	89,906

Table 10 - Distribution of EPZ enterprises by employment size - as at December 1990

Employment size	No. of enterprises			No. of persons employed		
	Number	%	Cum. %	Number	%	Cum. %
Under 10	90	15.8	15.8	462	0.5	0.5
10 - 50	218	38.4	54.2	5,570	6.2	6.7
51 - 100	73	12.8	67.0	5,176	5.7	12.4
101 - 300	105	18.5	85.5	18,945	21.1	33.5
301 - 500	34	6.0	91.5	12,930	14.4	47.9
501 - 1,000	32	5.6	97.1	21,577	24.0	71.9
1,000 and above	16	2.9	100.0	25,246	28.1	100.0
T O T A L	568	100.0	100.0	89,906	100.0	100.0

Table 11 - New enterprises & employment created by product group - year (1988 - 1990)

Product Group	1988		1989		1990	
	No. of Enterprises	Employment	No. of Enterprises	Employment	No. of Enterprises	Employment
1. Food	1	21	2	89	1	12
2. Flowers	-	-	5	23	10	73
3. Textile yarn & fabrics	4	231	6	517	10	1,179
4. Wearing apparels	76	4,624	38	3,251	19	1,009
of which (a) pullover	(9)	(438)	(4)	(302)	(2)	(105)
(b) gloves	(-)	(-)	(-)	(-)	(-)	(-)
(c) other garments	(67)	(4,186)	(34)	(2,949)	(17)	(904)
5. Leather products & Footwear	-	-	5	252	3	77
6. Wood & paper products	3	70	4	123	2	60
7. Optical goods	-	-	-	-	3	38
8. Watches, electronic watches and clocks	-	-	-	-	1	10
9. Electric and other electronic products	2	35	5	82	5	139
10. Jewellery and related articles	1	11	3	48	3	35
11. Toys & carnival articles	-	-	1	33	1	96
12. Other	8	49	10	227	4	106
T O T A L	95	5,041	79	4,645	62	2,854

Table 12 - Closures and employment lost by sector - year (1988 - 1990)

Product Group	1988		1989		1990	
	No. of Enterprises	Employment	No. of Enterprises	Employment	No. of Enterprises	Employment
1. Food	1	5	-	-	1	108
2. Flowers	-	-	-	-	-	-
3. Textile yarn & fabrics	-	-	7	499	8	688
4. Wearing apparels	28	4,661	83	5,469	39	2,528
of which (a) pull-overs	(5)	(2,126)	(9)	(1,591)	(5)	(645)
(b) gloves	(-)	(-)	(-)	(-)	(-)	(-)
(c) other garments	(23)	(2,535)	(74)	(3,878)	(34)	(1,883)
5. Leather products & footwear	1	4	4	114	2	589
6. Wood and paper products	-	-	5	72	1	12
7. Optical goods	-	-	-	-	1	61
8. Watches, electronic watches and clocks	-	-	-	-	1	36
9. Electric and other electronic products	1	5	2	24	+ 2	20
10. Jewellery and related articles	-	-	-	-	1	458
11. Toys & carnival articles	1	25	1	22	-	-
12. Other	3	219	5	86	1	3
T O T A L	35	4,919	107	6,286	57	4,503

Table 13 - Distribution of EPZ establishments* by districts and main locality as at December 1980

District/Locality	No. of establishment		
	Textile	Non-Textile	Total
District of Port Louis	<u>67</u>	<u>41</u>	<u>108</u>
of which Plaine Lauzun	29	8	37
Port Louis city	25	15	40
District of Pamplemousses	<u>44</u>	<u>24</u>	<u>68</u>
of which Terre Rouge and Riche Terre	16	12	28
Tombeau Bay	5	-	5
Triolet	11	5	16
District of Rivière du Rempart	<u>35</u>	<u>20</u>	<u>55</u>
of which St. Antoine and Goodlands	15	11	26
Rivière du Rempart & Ile d'Ambre	8	2	10
District of Flacq	<u>43</u>	<u>6</u>	<u>49</u>
of which Central Flacq	16	2	18
Bel Air	7	-	7
District of Grand Port	<u>45</u>	<u>4</u>	<u>50</u>
of which Rose Belle and New Grove	12	-	12
Mahebourg	9	-	9
District of Savanne	<u>27</u>	<u>7</u>	<u>34</u>
of which Surinam	8	-	8
Rivière des Anguilles	5	5	10
District of Plaine Wilhems	<u>191</u>	<u>72</u>	<u>263</u>
of which Coromandel	22	8	30
Beau Bassin and Rose Hill	49	13	62
Vacoas and Phoenix	45	14	59
Quatre Bornes	24	6	30
Curepipe, Floreal & Forest Side	27	24	51
District of Moka	<u>43</u>	<u>17</u>	<u>60</u>
of which Pailles	7	7	14
St. Pierre and Moka	23	9	32
District of Black River	<u>11</u>	<u>9</u>	<u>20</u>
of which Medine and Bambous	2	2	4
T O T A L	507	200	707

* An establishment is a unit of production

Table 14 - Distribution of EPZ employment by districts and main locality as at December 1973

District/Locality	Employment		
	Textile	Non-Textile	Total
District of Port Louis	10,154	2,375	12,496
of which Plaine Lauzun	6,596	250	6,846
Port Louis city	1,438	258	1,696
District of Pamplemousses	7,707	1,270	8,967
of which Terre Rouge and Riche Terre	1,831	984	2,805
Tombeau Bay	1,522	-	1,522
Triolet	1,927	150	2,077
District of Rivière du Rempart	7,593	1,510	9,093
of which St. Antoine and Goodlands	3,375	1,212	4,577
Rivière du Rempart & Ile d'Ambre	2,431	116	2,547
District of Flacq	6,864	64	6,928
of which Central Flacq	3,198	26	3,224
Bel Air	1,321	-	1,321
District of Grand Port	8,448	197	8,645
of which Rose Belle and New Grove	2,154	-	2,154
Mahebourg	1,290	-	1,290
District of Savanne	4,125	352	4,472
of which Surinam	1,015	-	1,015
Rivière des Anguilles	563	117	680
District of Plaine Wilhems	28,221	2,668	30,859
of which Coromandel	4,701	195	4,896
Beau Bassin and Rose Hill	4,829	354	5,183
Vacoas and Phoenix	5,938	322	6,260
Quatre Bornes	1,952	152	2,104
Curepipe, Floreal & Forest Side	8,499	1,255	9,744
District of Moka	5,663	845	6,503
of which Pailles	744	143	887
St. Pierre and Moka	3,392	695	4,087
District of Black River	1,723	127	1,840
of which Medine and Bambous	329	26	355
T O T A L	80,498	9,408	89,906

Table 15 - EPZ : - Number of enterprises and employment - quarterly series (1984 - 1990)

YEAR	Number of enterprises as at end of				Employment as at end of			
	March	June	September	December	March	June	September	December
1984	153	161	184	197	28,954	32,686	35,748	37,554
1985	215	237	257	290	43,134	45,669	50,218	53,951
1986	321	343	377	408	63,010	66,000	70,519	74,015
1987	437	472	500	531	78,007	83,740	85,685	87,905
1988	554	579	586	591	90,590	91,617	90,738	69,000
1989	573	575	564	563	89,230	89,255	88,669	88,650
1990	548	566	574	568	89,755	90,211	88,258	89,905