

CHAPTER 5

LAND

Table 5.1 - Land use by category, Island of Mauritius , 1995 and 2005

	2005 ¹		1995		Change	
	Hectares	%	Hectares	%	Hectares	%
<i>Sugar cane plantations (Source SIFB)</i>	72,000	38.6	76,840	41.2	-4,840	-6.3
<i>Tea plantations (Source Tea Board)</i>	674	0.4	3,660	1.9	-2,986	-81.6
<i>Other agricultural activities</i>	8,000	4.3	6,000	3.2	2,000	33.3
Total agricultural land	80,674		86,500		-5,826	
Forests, scrubs & grazing lands	47,200	25.3	57,000	30.6	-9,800	-17.2
Infrastructure	4,500	2.3	4,000	2.1	500	12.5
Inland water resource systems	2,900	1.6	2,600	1.4	300	11.5
Built-up areas	46,500	24.9	36,400	19.5	10,100	27.7
Abandoned cane fields	4,726	2.5	...	...	...	...
Total	186,500	100.0	186,500	100.0		

Source : Stocktaking and Stakeholders Consultation Climate Change Activities, May 2006

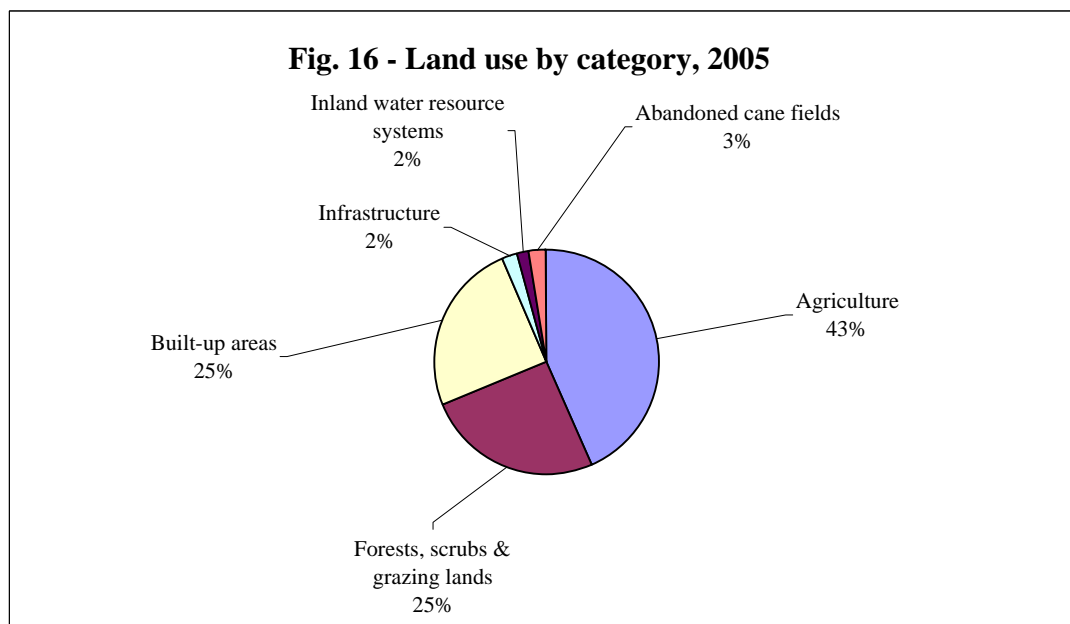


Table 5.2 - Effective area under cultivation, 2005 - 2007

Crops	Hectares		
	2005	2006	2007
Sugarcane	71,583	70,801	68,523
Tea	670	688	709
Tobacco	348	252	258

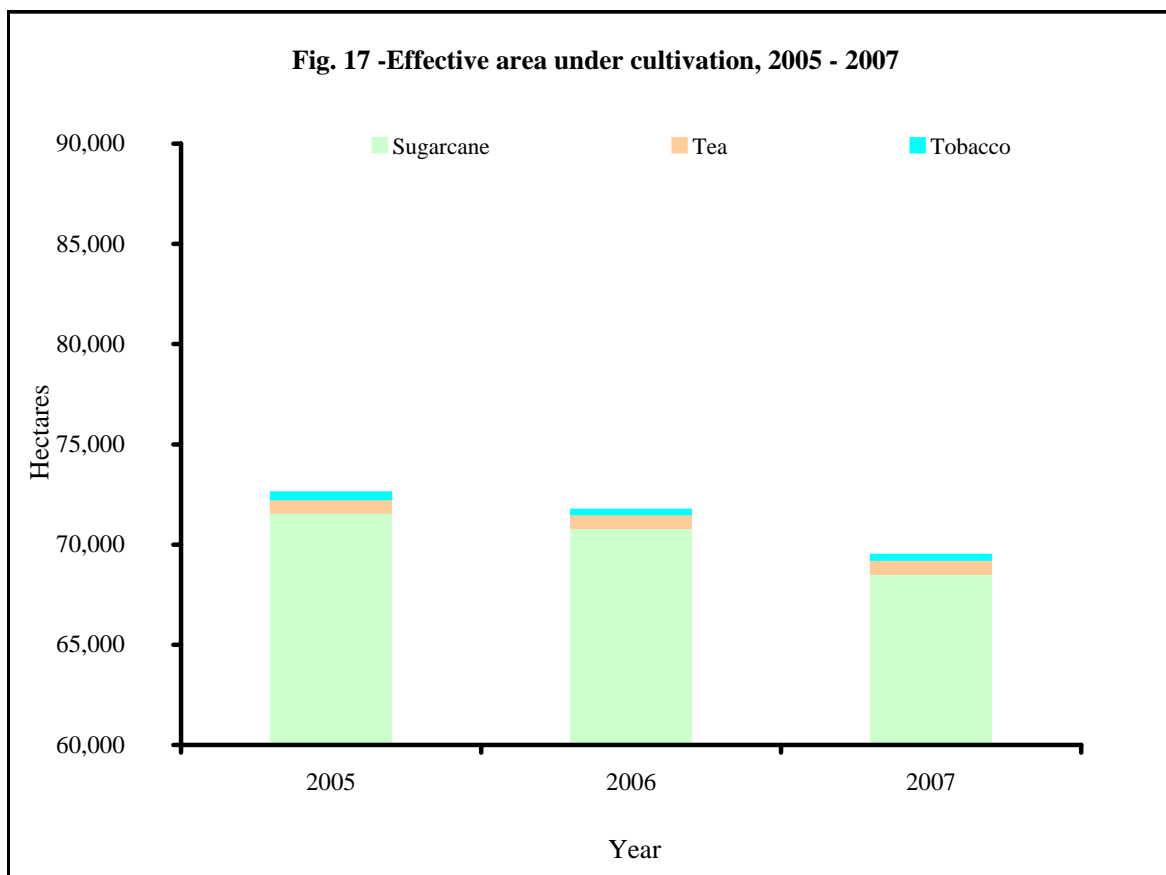


Table 5.3 - Road network, 1998 - 2007

Year	Length of roads (km)					% of roads paved	Density of total network in km per sq km ¹	Number of vehicles per km of road
	Motorways	Main roads	Secondary roads	Other roads	Total			
1998	36	902	582	390	1,910	96	1.02	114
1999	36	902	582	390	1,910	96	1.02	122
2000	44	910	582	390	1,926	97	1.03	127
2001	60	950	592	398	2,000	98	1.07	128
2002	60	950	592	398	2,000	98	1.07	133
2003	75	950	592	398	2,015	98	1.08	137
2004	75	955	592	398	2,020	98	1.08	144
2005	75	955	592	398	2,020	98	1.08	151
2006	75	955	593	398	2,021	98	1.08	158
2007	75	962	593	398	2,028	98	1.09	165

¹ density of total network in km per sq km is the ratio of the total number of km of roads to the area of Mauritius (1865 sq km)

Table 5.4 - Number of accidents by severity of accident, 1998 - 2007

Year	Severity of accident				
	Fatal ¹	Serious	Slight	No injury	Total
1998	152	229	2,557	15,117	18,055
1999	154	196	2,241	15,286	17,877
2000	148	191	2,081	15,858	18,278
2001	112	218	2,147	16,040	18,517
2002	144	162	1,852	15,864	18,022
2003	121	211	1,729	17,177	19,238
2004	131	184	1,845	17,335	19,495
2005	116	295	1,733	20,410	22,554
2006	122	296	1,529	18,295	20,242
2007	133	403	1,654	18,329	20,519

¹ Prior to 2002, a fatal accident was defined as an accident where death occurred within 7 days .
As from 2002 a fatal accident is defined as an accident where death occurred within 30 days.

Table 5.5 - Imports of fertilisers and pesticides, 1998 - 2007

Tonnes

Commodities	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Fertilizers	43,160	42,788	56,617	68,966	43,877	64,081	48,749	61,605	55,313	45,336
Pesticides	1,552	1,522	1,549	1,824	1,959	2,222	2,072	2,141	2,393	1,965
<i>Insecticides</i>	<i>428</i>	<i>530</i>	<i>439</i>	<i>605</i>	<i>755</i>	<i>809</i>	<i>642</i>	<i>707</i>	<i>1,294</i>	<i>648</i>
<i>Fungicides</i>	<i>175</i>	<i>120</i>	<i>163</i>	<i>177</i>	<i>199</i>	<i>201</i>	<i>210</i>	<i>242</i>	<i>188</i>	<i>212</i>
<i>Weedkillers</i>	<i>949</i>	<i>872</i>	<i>947</i>	<i>1,042</i>	<i>1,005</i>	<i>1,212</i>	<i>1,220</i>	<i>1,192</i>	<i>911</i>	<i>1,105</i>

Fig. 18 - Imports of fertilisers and pesticides, 1998 - 2007

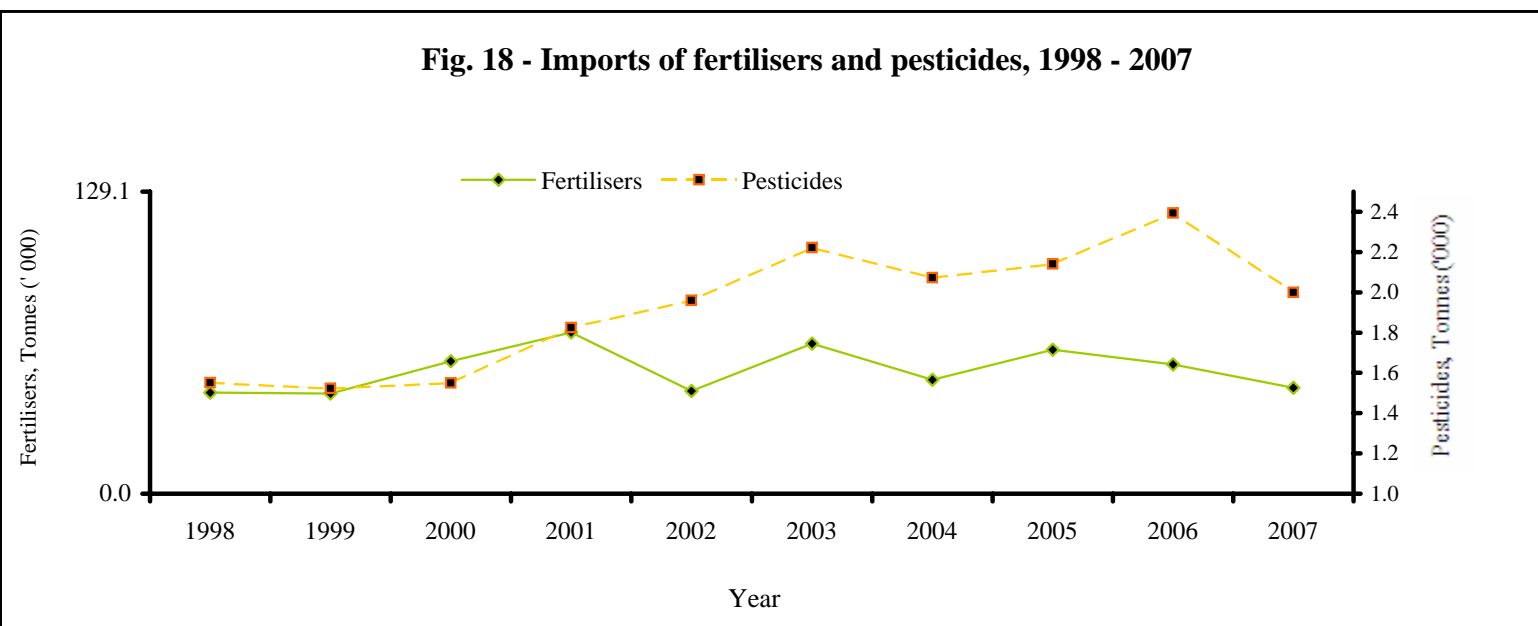


Table 5.6 - Imports of fertilizers, Island of Mauritius, 2005 - 2007

Year	Quantity (tonnes)	Value	
		FOB (Rs mn)	CIF (Rs mn)
2005	61,605	441.4	536.5
2006	55,313	392.9	471.2
2007	45,336	379.9	476.2

FOB: Free on board

CIF: Cost, Insurance, Freight

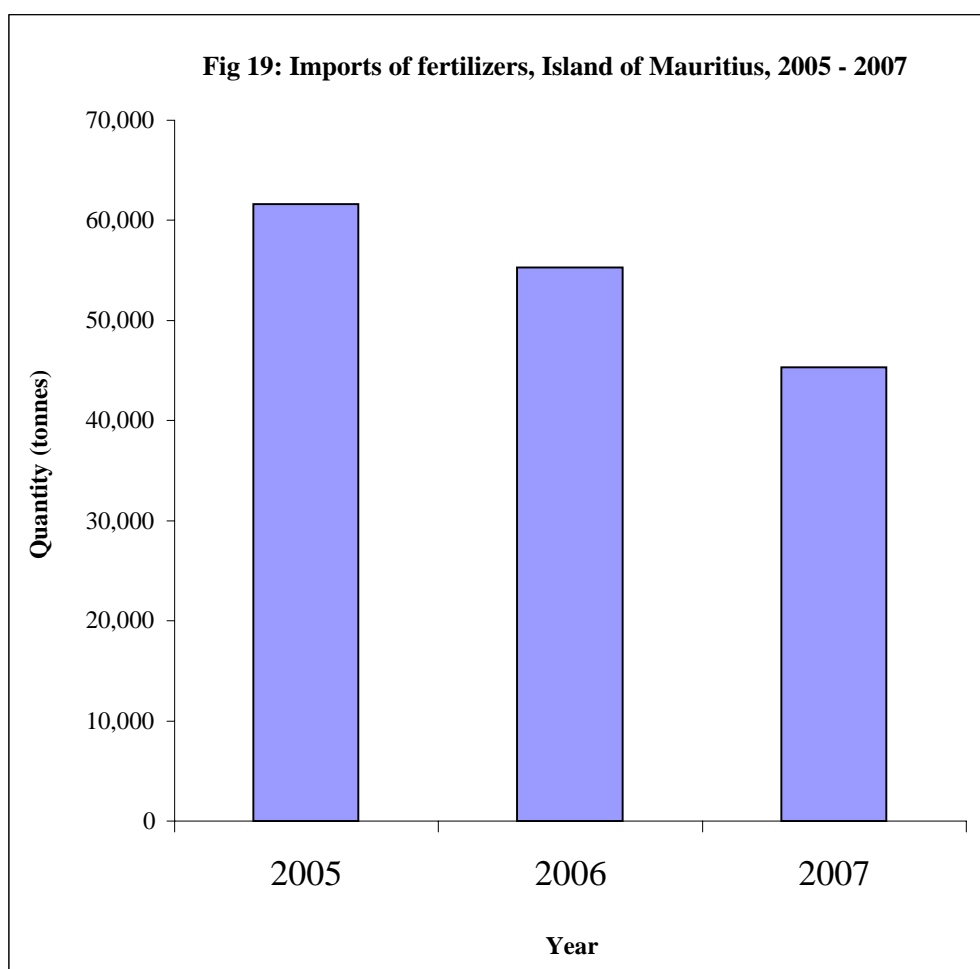


Table 5.7 - Land under irrigation, 2000 - 2007

Hectares				
Year	Overhead	Surface	Drip	Total
2000	15,951	2,020	1,535	19,506
2001	17,119	2,723	1,789	21,631
2002	17,028	2,372	1,822	21,222
2003	17,706	2,032	1,881	21,619
2004	17,548	1,837	2,032	21,417
2005	16,761	1,768	2,129	20,658
2006	17,576	1,738	2,109	21,422
2007	17,602	1,618	2,101	21,321
(By region) 2007				
North	5,728	579	1,094	7,401
East	3,396	-	241	3,637
Centre	589	71	-	660
West	4,001	968	257	5,226
South	3,888	-	509	4,397

Table 5.8 - Number of permits¹ and floor area by region, 2002 - 2007

Region	2002		2003		2004 ²		2005		2006		2007	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Urban areas	3,689	651,242	3,723	676,851	2,582	446,921	2,902	556,974	3,560	650,202	3,048	639,398
Port Louis	1,003	185,002	1,006	226,690	710	146,807	642	162,633	894	172,647	746	140,920
Beau Bassin - Rose Hill	525	93,308	582	101,951	421	75,426	505	87,932	440	76,880	454	69,200
Curepipe	632	84,741	584	93,912	351	53,703	486	69,360	534	82,975	463	66,081
Quatre Bornes	534	163,938	556	128,231	308	63,935	570	114,620	569	157,931	466	175,162
Vacoas - Phoenix	995	124,253	995	126,067	792	107,050	699	122,429	1,123	159,769	919	188,035
Rural areas	5,365	891,358	5,400	960,884	4,001	728,503	5,088	866,064	5,130	918,479	6,052	1,320,195
Pamplemousses	931	173,086	966	213,286	798	127,027	914	159,098	866	142,443	808	154,881
Riviere du Rempart	799	135,612	982	191,488	727	125,187	773	142,013	781	131,390	1,041	242,050
Flacq	1,131	154,765	1,137	159,283	689	96,351	1,007	137,560	986	173,616	1,181	205,193
Grand Port	710	100,197	793	103,743	517	68,835	576	76,560	708	120,150	697	135,810
Savanne	531	66,563	501	87,825	338	50,041	548	85,765	664	93,563	801	124,666
Plaines Wilhems	53	7,405	52	10,057	28	8,249	40	5,287	63	10,513	35	6,613
Moka	567	120,466	470	77,675	357	63,590	571	71,606	632	117,818	611	138,233
Black River	643	133,264	499	117,527	547	189,223	659	188,175	430	128,986	878	312,749
Total	9,054	1,542,600	9,123	1,637,735	6,583	1,175,424	7,990	1,423,038	8,690	1,568,681	9,100	1,959,593

¹ includes new buildings and additions for which permits have been issued by Municipalities and Ministry of Public Infrastructure, Land Transport and Shipping

² Jan - Sept 2004

Table 5.9 - Number of permits¹ and floor area by type of building, 2002 - 2007

Type of building	2002		2003		2004		2005		2006		2007	
	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)	No of permits issued	Floor area (m ²)
Residential	8,671	1,222,347	8,712	1,229,510	6,287	894,562	7,538	1,127,378	8,122	1,250,115	8,133	1,292,860
New buildings	4,167	758,397	4,301	768,796	3,332	583,663	4,207	776,608	4,611	884,513	4,740	932,465
Additions	4,504	463,950	4,411	460,714	2,955	310,899	3,331	350,770	3,511	365,602	3,393	360,395
Non residential	383	320,253	411	408,225	276	280,862	452	289,660	568	318,436	967	667,520
Agriculture, forestry, hunting and fishing	11	3,979	11	8,972	14	11,232	31	10,815	23	16,184	62	47,372
Manufacturing	48	69,546	49	67,496	30	30,456	47	87,551	31	37,857	98	191,190
Electricity and water	-	-	3	10,355	-	-	1	1,547	2	877	-	877
Construction	2	2,204	1	248	1	411	-	-	-	-	4	11,360
Wholesale and retail trade, restaurant and hotels	251	151,525	261	232,711	163	144,147	289	127,141	386	172,071	575	225,275
Transport, storage & communication	4	659	5	15,071	2	2,686	3	4,150	14	13,170	32	15,316
Banking, insurance and real estate	6	57,444	13	25,455	20	60,347	26	27,377	38	49,843	67	112,226
Community, social & personal services	61	34,896	68	47,917	46	31,583	55	31,079	74	28,434	129	63,904
Total	9,054	1,542,600	9,123	1,637,735	6,563	1,175,424	7,990	1,417,038	8,690	1,568,551	9,100	1,960,380

¹ includes new buildings and additions for which permits have been issued by Municipalities and Ministry of Public Infrastructure, Land Transport and Shipping

Table 5.10 - Solid waste input by type at Mare Chicose landfill site, 2002 - 2007

Waste type	Tonnes					
	2002	2003	2004	2005	2006	2007
Commercial	1,843	-	-	-	-	-
Construction	6,404	7,199	6,097	3,756	1,109	725
Domestic	325,006	352,915	365,528	363,776	387,751	365,811
Industrial (inc. textile)	6,429	4,421	3,097	2,340	2,619	2,010
Tuna/Sludge	48	120	189	5,913	8,056	13,642
Poultry	3,615	3,236	3,962	3,930	3,752	3,668
Rubber tyres	240	378	423	394	465	231
Asbestos	34	71	36	85	14	254
Condemned goods	1,626	2,754	1,770	2,114	3,265	2,019
Difficult and hazardous	...	...	12	22	8	4
Paper Waste	-	-	-	-	-	3
TOTAL	345,244	371,094	381,114	382,330	407,039	388,367

Source: Ministry for Local Government

Table 5.11 - Monthly solid waste input by type at Mare Chicose landfill site, Jan - Dec 2007

Waste type	Tonnes												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Domestic	30,454	31,800	39,049	29,063	27,480	26,453	27,093	30,143	27,445	30,437	31,552	34,842	365,811
Textile	98	105	82	124	153	97	3	152	108	124	104	121	1,271
Poultry	223	221	206	231	278	323	330	180	166	273	617	621	3,668
Tuna/Sludge	649	855	944	1,333	1,238	1,267	1,163	1,398	1,061	1,308	1,171	1,255	13,642
Rubber tyres	21	13	15	24	24	8	26	19	19	14	19	28	231
Industrial	81	71	59	64	60	55	68	57	53	65	49	56	739
Construction waste	29	25	10	12	4	11	96	36	108	4	134	255	725
Asbestos	0	0	0	0	3	0	0	0	251	0	0	0	254
Condemned goods	275	105	83	128	126	190	459	95	33	336	102	86	2,019
Difficult and hazardeous	0	4	0	0	0	0	0	0	0	0	0	0	4
Paper waste	0	0	0	0	0	0	0	0	0	0	0	3	3
Total	31,830	33,198	40,448	30,979	29,367	28,405	29,239	32,080	29,244	32,562	33,749	37,267	388,367

Source: Ministry for Local Government

Table 5.12 - Number of EIA and PER licences granted by type of project, Island of Mauritius, 2003 - 2007

Project	EIA					PER ²	
	2003	2004	2005	2006	2007	2006	2007 ¹
Land parcelling (morcellement)	14	21	19	9	1	8	5
Poultry rearing	18	-	-	-	19	15	19
Industrial development	28	1	5	4	19	17	28
Coastal hotels & related works	4	15	10	20	-	1	23
Livestock rearing	4	-	-	-	9	6	-
Housing	4	34	7	13	-	14	4
Stone crushing plants	1	2	3	1	-	-	-
Development in port area	-	-	1	1	-	-	-
Service ("filling") station	14	-	-	-	8	4	-
Other	8	12	10	7	-	26	17
Total	95	85	55	55	56	91	96

Source : Department of Environment of the Ministry of Environment and National Development Unit

¹ *Provisional*

² *PER licence was issued as from September 2002. Four PER licences issued in 2002 were included in 2003.*

Table 5.13 - Number of establishments¹ by industrial group, Republic of Mauritius, 2003 - 2007

Industrial group	Number of establishments				
	2003	2004	2005	2006	2007
Agriculture, forestry and fishing	<u>255</u>	<u>234</u>	<u>228</u>	<u>218</u>	<u>215</u>
<i>Sugarcane</i>	<i>144</i>	<i>123</i>	<i>118</i>	<i>117</i>	<i>112</i>
<i>Tea</i>	<i>9</i>	<i>8</i>	<i>7</i>	<i>8</i>	<i>8</i>
<i>Tobacco</i>	<i>41</i>	<i>37</i>	<i>35</i>	<i>31</i>	<i>35</i>
<i>Other agriculture</i>	<i>61</i>	<i>66</i>	<i>68</i>	<i>62</i>	<i>60</i>
Mining and quarrying	<u>8</u>	<u>8</u>	<u>6</u>	<u>6</u>	<u>5</u>
Manufacturing	<u>919</u>	<u>908</u>	<u>884</u>	<u>824</u>	<u>807</u>
<i>Food</i>	<i>108</i>	<i>111</i>	<i>117</i>	<i>114</i>	<i>113</i>
<i>Beverage and tobacco</i>	<i>16</i>	<i>16</i>	<i>17</i>	<i>15</i>	<i>16</i>
<i>Textile and wearing apparel (except footwear)</i>	<i>370</i>	<i>351</i>	<i>325</i>	<i>291</i>	<i>289</i>
<i>Other manufacturing</i>	<i>425</i>	<i>430</i>	<i>425</i>	<i>404</i>	<i>389</i>
Electricity, gas and water	<u>6</u>	<u>6</u>	<u>7</u>	<u>7</u>	<u>8</u>
Construction	<u>95</u>	<u>93</u>	<u>95</u>	<u>90</u>	<u>85</u>
Wholesale and retail trade, repair of m/vehicles, motorcycle, personal & household goods	<u>364</u>	<u>371</u>	<u>364</u>	<u>358</u>	<u>377</u>
<i>Wholesale and retail trade</i>	<i>323</i>	<i>330</i>	<i>321</i>	<i>317</i>	<i>337</i>
<i>Maintenance and repair of motor vehicles and motorcycles</i>	<i>15</i>	<i>13</i>	<i>12</i>	<i>11</i>	<i>11</i>
<i>Sales of motor vehicles, motorcycles and related parts; automotive fuel</i>	<i>26</i>	<i>28</i>	<i>31</i>	<i>30</i>	<i>29</i>
Hotels and restaurants	<u>143</u>	<u>142</u>	<u>151</u>	<u>136</u>	<u>139</u>
Transport , storage and communication	<u>104</u>	<u>106</u>	<u>105</u>	<u>106</u>	<u>106</u>
Financial intermediation	<u>70</u>	<u>64</u>	<u>77</u>	<u>89</u>	<u>90</u>
Real estate, renting and business activities	<u>167</u>	<u>197</u>	<u>217</u>	<u>219</u>	<u>221</u>
Public administration & defence; compulsory social security	<u>151</u>	<u>150</u>	<u>154</u>	<u>159</u>	<u>154</u>
Education	<u>151</u>	<u>155</u>	<u>175</u>	<u>179</u>	<u>180</u>
Health and social work	<u>46</u>	<u>53</u>	<u>41</u>	<u>44</u>	<u>44</u>
Other community, social and personal services	<u>80</u>	<u>68</u>	<u>82</u>	<u>84</u>	<u>83</u>
Total	2,559	2,555	2,586	2,519	2,514

¹ Only large establishments have been considered, i.e those engaging 10 or more persons

Table 5.14 - List of Proclaimed Public Beaches by districts

Name	Extent (ha)	Sea Frontage (m) (Approx)
PAMPLEMOUSSES		
Le Goulet	3.5	470
Ville Valio	1.3	65
Pointe aux Piments (Portion 1)	2.0	203
Pointe aux Piments (Portion 2)	1.2	122
Pointe aux Piments (Portion 3)	2.5	715
Pointe aux Piments	0.2	111
Pointe aux Piments (Portion 4)	1.4	300
Pointe aux Piments (Portion 5)	0.6	244
Pointe aux Piments (Portion 6)	4.0	740
Pointe aux Piments (Portion7)	2.6	447
Trou aux Biches	2.6	700
Trou aux Biches (In front of Police Station)	0.9	73
Trou aux Biches (Opp. Casuarina)	1.0	215
Mon Choisy	17.0	1457
The Vale	0.3	63
RIVIERE DU REMPART		
Grand Baie	1.2	346
La Cuvette	1.8	310
Pereybere	1.8	108
Bain Boeuf	2.2	727
Cap Malheureux	0.2	39
P.G. Union Ribet	17.5	1163
Anse La Raie	0.6	110
Butte a l'Herbe	8.8	560
Belle Vue Cugnet	0.3	62
Grand Gaube	0.7	220
Islet Matapan & Pt. of P.G. Melville	5	1050
Poudre d'Or	4.2	848
Volke Molke	0.7	167
FLACQ		
Roches Noires	2.1	350
Poste Lafayette	1.0	130
Poste Lafayette	7.2	620
Poste Lafayette	0.4	30
Bras d'Eau	2.7	650
Part of P.G Choisy	1.7	200
Belle Mare (Part of P.G)	0.3	280
Belle Mare	17.4	1500
Belle Mare	8.4	430
Belle Mare	3.0	210
Palmar	1.1	150
Palmar	0.6	230
Palmar	18.5	1400
Quatres Cocos Vge.	0.3	100
Trou d'Eau Douce	0.9	360
Trou d'Eau Douce	3.2	750
GRSE	0.5	110

Table 5.14 (Con't) - List of Proclaimed Public Beaches by district

Name	Extent (ha)	Sea Frontage (m) (Approx)
GRAND PORT		
Grand Sable	0.1	66
Pointe du Diable	0.2	71
Pointe des Bambous	0.1	148
Bois des Amourettes	1.0	275
Old Grand Port	0.2	59
Riviere des Creoles	0.4	257
Pointe Canon	1.0	400
Pointe des Regates	1.0	700
Mahebourg Village (Portion No.2)	0.2	10
Remy Ollier Square(Portion No.1)	0.4	180
Blue Bay	4.8	400
La Cambuse	5.5	692
Le Bouchon	11.0	1475
Pont Naturel (Proposed to be increased to 8A)	0.8	163
Le Souffleur	2.0	180
SAVANNE		
Terracine	6.1	1048
Gris Gris	3.8	220
Telfair	1.4	285
Surinam	0.3	100
Near Souillac Cemetery	1.3	885
Pomponette(P.G Bel Air)	7.0	915
Saint Felix	2.7	990
Riviere des Galets	11.6	1530
BLACK RIVER		
La Prairie (Exclusive of B/R-S Coast Rd)	2.2	300
P.G L'Embrasure	4.7	93
Le Morne Brabant	21.5	1900
P.G Le Morne	0.5	40
P.G Le Morne	0.5	50
P.G Le Morne(4700m ² deproclaimed)	0.5	50
P.G. Comtesse La Marque	13.0	1395
La Preneuse	0.5	83
Tamarin	2.2	410
Wolmar	1.3	50
Flic en Flac / Wolmar	13.6	1920
Flic en Flac	0.7	110
Flic en Flac	2.1	512
P.G Anna	0.4	10
Albion	0.3	145
P.G. Mon Plaisir	2.1	250
Petit Verger	0.2	62
Petit Verger	0.2	50
Pointe aux Sables	1.1	88
PORT LOUIS		
Grand River North West	0.7	198