

CHAPTER 3

ATMOSPHERE

Table 3.1 Monthly mean maximum temperature, 1998 - 2007

Degrees celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>
1998	30.7	1.4	30.2	0.9	30.2	1.1	28.5	0.3	27.4	0.8	25.6	0.6	24.3	0.1	24.3	0.2	25.5	0.5	27.0	0.8	28.3	0.5	29.4	0.6
1999	30.1	0.8	29.8	0.5	29.6	0.6	29.3	1.2	28.1	1.5	26.1	1.1	24.4	0.2	24.5	0.4	25.4	0.4	26.3	0.1	28.1	0.4	28.6	-0.2
2000	29.6	0.4	28.9	-0.4	28.5	-0.6	28.1	-0.1	26.9	0.3	24.9	-0.1	23.7	-0.4	23.6	-0.4	24.8	-0.2	25.9	-0.2	27.3	-0.4	29.2	0.4
2001	29.8	0.5	29.6	0.3	29.7	0.6	28.4	0.3	27.3	0.7	24.6	-0.4	24.5	0.3	24.8	0.7	26.1	1.1	26.7	0.5	28.0	0.3	29.8	1.0
2002	29.3	0.0	30.2	0.8	29.5	0.4	28.5	0.3	26.6	0.0	24.6	-0.4	24.3	0.1	23.9	-0.2	25.2	0.2	26.6	0.4	28.5	0.8	29.2	0.4
2003	30.3	1.0	29.9	0.6	29.5	0.5	28.7	0.6	27.2	0.6	24.8	-0.3	23.3	-0.9	23.9	-0.2	24.9	-0.1	26.8	0.6	28.2	0.2	30.0	1.0
2004	29.5	-0.1	30.2	0.7	29.6	0.4	28.1	-0.2	25.8	-1.1	24.2	-1.0	24.5	0.2	24.8	0.4	25.8	0.7	26.8	0.4	27.9	-0.1	28.7	-0.3
2005	30.5	0.9	29.9	0.5	29.5	0.4	29.1	0.8	26.7	-0.1	25.1	0.0	24.1	-0.1	24.3	-0.1	24.7	-0.5	25.8	-0.6	27.3	-0.7	29.3	0.2
2006	29.6	0.0	29.4	0.1	29.1	-0.1	28.9	0.7	27.6	0.8	25.7	0.6	24.4	0.1	24.3	0.0	25.4	0.3	26.5	0.1	28.6	0.6	30.3	1.3
2007	30.3	0.7	29.8	0.4	29.2	0.0	28.6	0.4	27.5	0.7	25.2	0.0	25.1	0.9	24.9	0.6	25.7	0.5	26.2	-0.3	28.4	0.4	29.9	0.8

Source: Meteorological Services

Table 3.2 - Monthly mean minimum temperature, 1998 - 2007

Degrees Celcius

YEAR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>	Mean	<i>Difference from Normal</i>
1998	23.1	1.3	24.0	2.0	22.5	0.7	21.6	0.8	19.5	0.7	17.9	0.6	16.9	0.3	16.8	0.4	17.4	0.6	17.9	0.0	18.8	-0.6	20.1	-0.9
1999	20.9	-0.8	21.5	-0.6	21.3	-0.5	20.7	0.0	18.8	0.0	17.5	0.3	17.0	0.3	17.1	0.7	17.6	0.8	17.0	-0.9	19.5	0.1	20.7	-0.3
2000	22.5	0.7	22.4	0.3	21.9	-0.1	21.0	0.2	19.5	0.6	17.7	0.4	17.1	0.4	17.2	0.8	16.8	0.0	17.9	0.0	19.3	-0.1	21.3	0.4
2001	22.7	1.0	22.6	0.5	22.3	0.5	21.5	0.7	19.9	1.0	17.0	-0.3	16.5	-0.2	...	...	17.1	0.3	18.1	0.1	19.0	-0.4	20.4	-0.6
2002	21.7	-0.1	22.0	0.0	22.4	0.5	20.8	0.0	20.2	1.4	17.8	0.6	17.9	1.2	17.1	0.7	17.2	0.4	18.7	0.8	20.3	0.9	22.1	0.2
2003	22.7	0.9	22.4	0.4	22.3	0.4	22.2	1.4	21.1	2.2	17.2	-0.1	17.1	0.4	16.8	0.4	18.3	1.5	18.8	0.8	20.0	0.7	21.7	0.8
2004	22.5	0.6	23.4	1.2	23.1	1.2	21.5	0.5	19.2	0.2	17.4	0.0	17.7	1.0	17.9	1.3	18.0	1.1	18.4	0.4	20.1	0.7	21.5	0.6
2005	23.1	1.1	22.8	0.6	22.6	0.8	21.4	0.5	20.2	1.1	17.9	0.5	17.3	0.5	16.9	0.2	18.1	1.2	17.9	-0.1	19.3	0.0	21	0.0
2006	22.3	0.4	22.8	0.6	23.1	1.3	21.6	0.6	18.9	-0.1	18.8	1.4	17.4	0.7	16.8	0.2	17.6	0.7	18.5	0.5	20.6	1.2	22.4	1.5
2007	23.5	1.5	23.5	1.3	22.2	0.4	21.9	1.0	20.1	1.0	17.7	0.3	17.7	1.0	17.1	0.4	17.7	0.8	18.8	0.8	19.9	0.5	21.9	1.0

Source: Meteorological Services

Table 3.3 - Monthly mean values of humidity (%) with extremes for the year 2007

Region	Station		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
North	Pamplemousses	2007	78	79	80	79	79	77	76	74	70	72	65	65	
		Highest Maximum	96	100	100	97	96	96	87	92	93	87	96	84	
		Lowest Minimum	65	62	68	62	61	61	61	61	53	56	51	52	56
		LTM (1986 - 2000)	82	84	83	84	83	82	82	80	78	77	78	80	80
South	Plaisance	2007	83	85	80	80	81	73	76	74	71	74	74	75	
		Highest Maximum	97	88	97	97	97	99	95	98	96	96	96	97	
		Lowest Minimum	59	66	58	61	54	50	50	35	39	51	55	57	
		LTM (1971 - 2000)	81	83	83	83	81	78	77	78	77	77	78	80	80
East	FUEL	2007	87	88	87	88	86	81	84	83	80	80	-	83	
		Highest Maximum	96	98	96	96	97	95	94	94	92	92	-	94	
		Lowest Minimum	63	68	70	70	62	58	62	52	54	60	-	59	
		LTM (1981 - 2000)	84	86	84	85	83	82	82	81	81	81	81	81	84
West	Medine	2007	72	75	72	67	69	68	69	74	70	72	72	73	
		Highest Maximum	94	91	96	96	96	96	97	94	96	91	95	92	
		Lowest Minimum	51	55	48	46	47	46	47	44	38	43	40	42	
		LTM (1981 - 2000)	80	82	80	80	78	78	77	76	76	76	77	79	
	Quatre Bornes	2007	87	88	86	85	85	82	83	82	79	82	79	81	
		Highest Maximum	96	97	98	96	96	96	96	96	96	96	97	96	97
		Lowest Minimum	58	63	57	61	51	55	60	42	50	55	52	49	
		LTM (1990 - 2000)	81	83	83	83	82	81	81	80	79	78	77	80	
Centre	Vacoas	2007	87	88	86	86	86	81	84	83	80	83	79	81	
		Highest Maximum	99	98	98	98	99	99	99	98	98	96	98	91	
		Lowest Minimum	55	60	62	61	60	49	54	46	47	54	51	47	
		LTM (1971 - 2000)	83	85	84	85	83	82	83	82	80	80	80	82	

LTM: Long Term Mean

Source : Meteorological Services

Table 3.4 - Monthly total hours of sunshine by region and station, 1998 - 2007

Hours

Region : North, Station : Pamplermousses													
Month Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
1998	277	122	259	252	239	221	232	228	240	276	271	286	2,686
1999	270	248	252	264	253	227	245	259	240	270	270	241	3,038
2000	205	246	259	248	245	252	224	240	229	238	256	234	2,874
2001	190	192	240	247	249	221	235	270	249	244	269	185	2,791
2002	198	248	221	239	176	236	193	265	249	270	244	201	2,740
2003	213	181	230	162	219	237	190	264	250	272	218	287	2,723
2004	215	223	242	227	226	245	241	247	241	252	253	169	2,781
2005	279	143	175	271	212	256	209	267	241	257	240	275	2,825
2006	273	240	211	245	243	250	248	255	240	274	239	283	3,001
2007	187	156	219	236	225	187	240	239	256	236	290	285	2,756
Mean 1961-1990	259	221	231	223	235	219	235	237	221	251	257	243	2,830
Region : East , Station : Fuel													
1998	236	108	212	154	196	182	184	153	186	232	242	261	2,346
1999	252	210	238	243	222	171	212	202	192	252	239	216	2,647
2000	187	179	200	207	196	217	177	173	187	213	215	207	2,358
2001	164	191	238	187	217	206	186	209	213	244	274	203	2,532
2002	200	241	192	204	129	177	134	186	210	241	217	145	2,276
2003	208	195	217	121	143	193	132	212	175	237	215	261	2,309
2004	197	217	207	193	194	195	182	214	195	231	193	161	2,379
2005	267	145	188	253	165	185	175	225	182	210	212	271	2,478
2006	251	207	186	219	232	195	192	195	215	200	195	215	2,502
2007	135	129	201	182	188	151	193	178	204	165	243	249	2,218
Mean 1961-1990	219	193	205	183	193	181	185	185	189	209	210	213	2,365

Source : Meteorological Services

Table 3.4 (cont'd) - Monthly total hours of sunshine by region and station, 1998 - 2007

Hours

Region : West, Station : Medine													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1998	286	126	254	237	231	220	239	222	225	227	246	269	2,783
1999	231	190	250	257	265	200	233	219	221	272	254	236	2,827
2000	194	226	226	238	227	235	200	220	219	220	235	238	2,677
2001	203	178	220	213	237	209	225	233	235	254	264	241	2,712
2002	213	219	226	199	179	241	199	242	222	233	224	191	2,588
2003	227	186	206	135	203	233	164	249	219	267	206	263	2,558
2004	206	216	249	229	238	251	224	212	227	257	239	202	2,750
2005	300	198	198	270	223	221	205	256	219	262	254	277	2,883
2006	246	212	222	217	258	251	249	236	224	254	205	251	2,825
2007	185	176	224	228	227	188	250	250	252	222	269	259	2,730
Mean 1981-2000	233	206	228	214	236	218	230	228	216	237	234	236	2,715
Region : Centre, Station : Vacoas													
1998	278	113	256	208	236	218	189	189	232	258	245	262	2,686
1999	273	235	230	259	248	209	215	225	207	279	260	240	2,879
2000	196	222	237	220	225	244	208	206	200	217	235	237	2,646
2001	202	190	244	228	250	225	233	215	220	254	270	185	2,716
2002	184	223	208	209	160	212	181	230	236	249	241	196	2,529
2003	215	165	230	129	193	227	169	230	195	251	218	270	2,492
2004	189	185	214	207	210	208	202	217	206	236	239	178	2,491
2005	289	148	167	245	208	225	200	235	212	237	216	258	2,640
2006	268	203	200	227	238	229	218	220	225	265	229	281	2,803
2007	185	155	213	218	219	205	245	239	240	232	272	288	2,711
Mean 1961-1990	228	194	222	205	229	211	224	222	219	233	225	215	2,627

Source : Meteorological Services

Table 3.4 (cont'd) - Monthly total hours of sunshine by region and station, 1998 - 2007

Region : South , Station : Plaisance													Hours
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YEARLY TOTAL
Year													
1998	269	122	221	180	202	170	170	157	200	251	283	303	2,528
1999	300	255	252	236	236	177	182	179	207	273	257	249	2,802
2000	203	213	218	219	217	197	174	151	204	217	253	272	2,538
2001	204	223	252	210	218	185	190	215	234	263	280	249	2,723
2002	224	258	192	211	149	184	150	183	225	219	253	191	2,437
2003	239	201	239	147	171	195	119	199	174	276	251	304	2,515
2004	218	222	202	193	179	173	175	194	203	237	226	172	2,394
2005	282	154	175	240	162	165	148	225	182	213	208	286	2,440
2006	259	218	186	222	231	208	213	199	222	240	231	262	2,691
2007	155	165	218	188	184	137	186	167	219	198	286	293	2,396
Mean 1961-1990	249	214	216	188	192	177	181	189	197	234	242	245	2,523

Source : Meteorological Services

Table 3.5 - Ambient air quality monitoring by mobile stations, Island of Mauritius, 2007¹

Pollutant	Aapravasi Ghat, port Louis				Terre rouge, Richfield Textile			Valentina, Phoenix			
	Unit	Minimum	Maximum	24 hour Average for the year	Minimum	Maximum	24 hour Average for the year	Minimum	Maximum	24 hour Average for the year	Ambient air quality standard ²
Dust (PM ₁₀)	µg/m ³	43.0	59.0	52.0	13.0	27.0	18.0	11.0	69.0	25.8	100.0
Ozone (O ₃)	ppb	1.0	3.0	1.8	7.0	23.0	14.8	1.0	9.0	2.6	46.7
Sulphur dioxide (SO ₂)	ppb	0.3	1.4	0.7	0.1	3.2	1.1	0.1	89.4	18.0	70.0
Nitrogen dioxide (NO ₂)	ppb	26.0	27.0	28.0	1.0	4.0	1.8	-	-	-	-
Carbon monoxide (CO)	ppm	0.2	0.7	0.4	0.0	0.4	0.3	0.1	0.6	0.3	8.0

Table 3.5 Con' t - Ambient air quality monitoring at Medco Cassis, Port Louis, Island of Mauritius, 2007¹

Cassis					
Pollutant	Unit	Minimum	Maximum	24 hour Average for the year	Ambient air quality standard ²
Dust (PM ₁₀)	µg/m ³	43.0	59.0	52.0	100.0
Ozone (O ₃)	ppb	1.0	3.0	1.8	46.7
Sulphur dioxide (SO ₂)	ppb	0.3	1.4	0.7	70.0
Nitrogen dioxide (NO ₂)	ppb	26.0	27.0	28.0	28.0
Carbon monoxide (CO)	ppm	0.2	0.7	0.4	8.0

Source: Ministry of Environment and National Development Unit.

¹ : Estimate

² : 24-hour standard except for Ozone, Carbon monoxide and lead which are based on 1 hour , 8 hour and 3 month averages respectively.

Note:(i) Conversion coefficients (at 25⁰ C and 1013 bar) have been used to convert the ambient air quality standards.

(ii) Measurements of the parameters are taken on a quarter hourly basis and the averaging time used is 24 hours.

Table 3.6 - Total emissions and removals of greenhouse gases, 2003 - 2007¹

Gg or thousand tonne

Greenhouse gas	2003	2004	2005	2006	2007
Emissions					
Carbon Dioxide	2,783.5	2,795.7	2,996.0	3,348.9	3,449.6
Methane	12.0	12.3	12.5	13.0	12.6
Oxide of Nitrogen	15.1	15.2	15.4	16.6	16.6
Nitrous Oxide	1.5	1.5	1.3	1.2	1.3
Carbon Monoxide	65.7	66.9	66.4	64.8	65.4
NM VOC ²	17.5	16.5	18.3	17.7	17.1
Sulphur Dioxide	32.1	32.7	33.0	33.0	35.1
Removals					
Carbon Dioxide	237.9	223.7	223.7	193.2	224.0
Net emissions					
Carbon Dioxide	2,545.6	2,572.0	2,772.3	3,155.6	3,225.6

¹ Provisional

² Non - methane volatile organic compound

Table 3.7 - Sectoral carbon dioxide emissions from fuel combustion activities, 2004 - 2007

Gg or thousand tonne

	2004		2005		2006		2007 ¹	
	Quantity	%	Quantity	%	Quantity	%	Quantity	%
Energy industries (electricity)	1,430.5	51.2	1,615.2	53.9	1,912.5	57.1	2,067.9	60.0
Manufacturing industries	362.3	13.0	346.3	11.6	404.9	12.1	400.3	11.6
Transport	807.1	28.9	833.7	27.8	843.7	25.2	800.1	23.2
Residential	154.2	5.5	158.5	5.3	136.7	4.1	130.6	3.8
Other ²	39.7	1.4	40.3	1.3	49.0	1.5	49.3	1.4
Total	2,793.8	100.0	2,994.0	100.0	3,346.7	100.0	3,448.2	100.0

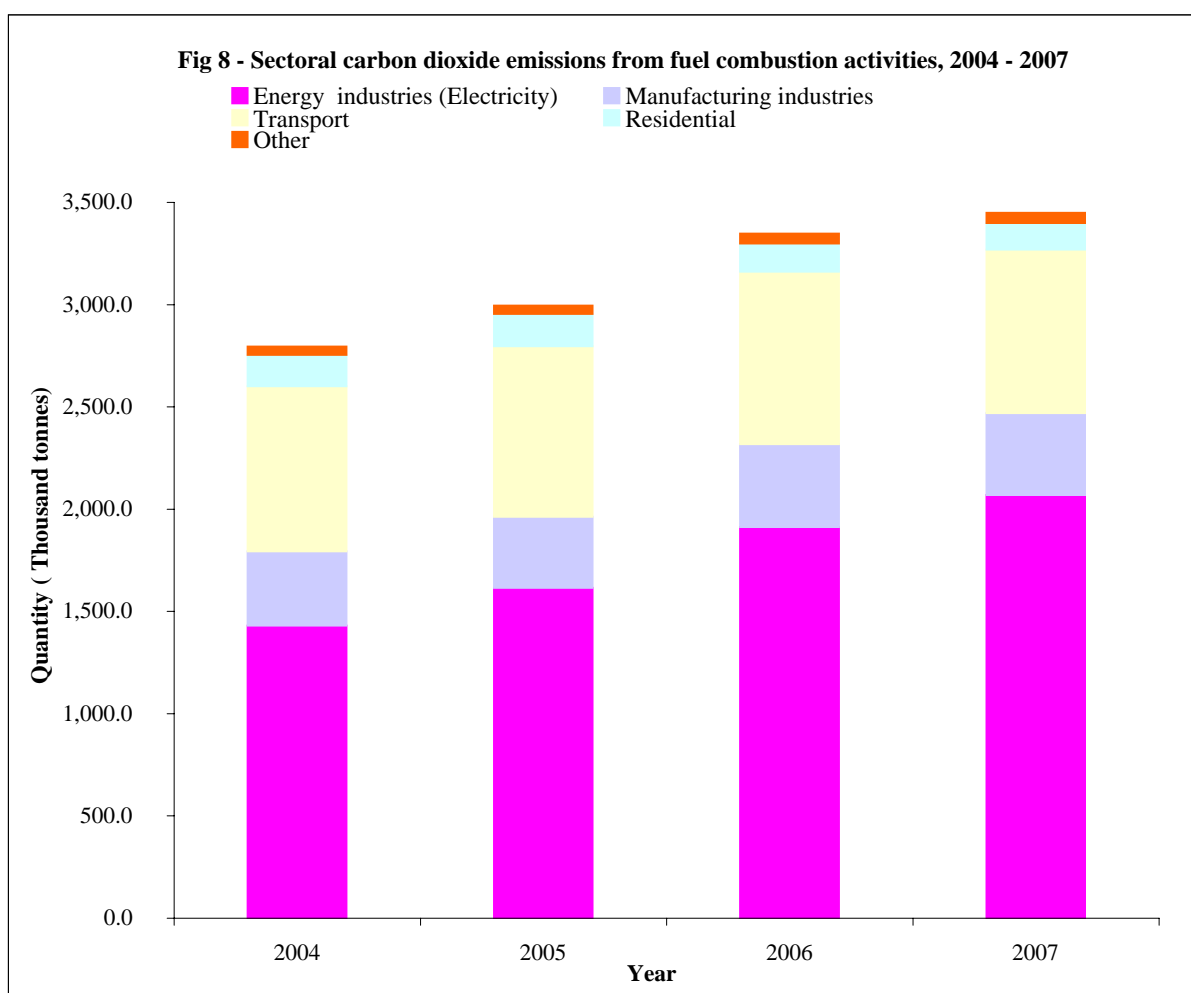
¹ Provisional² includes Agriculture and Trade

Table 3.8 - National inventory of greenhouse gases by source categories, 2006- 2007 ¹

Gg or thousand tonne

Category	Carbon dioxide(CO ₂)				Methane (CH ₄)		Nitrous oxide (N ₂ O)		Oxides of nitrogen (NO _x)		Carbon monoxide (CO)		NMVOC ²		Sulphur dioxide (SO ₂)	
	Emissions		Removals		2006	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006	2007
	2006	2007	2006	2007												
1. Energy	3,346.8	3,448.1	-	-	0.6	0.6	0.1	0.1	16.6	16.6	64.8	65.4	8.5	8.9	33.0	35.1
Fuel combustion activities																
(a) Energy industries (electricity)	1,912.5	2,067.9	-	-	0.3	0.3	0.1	0.1	6.6	7.1	8.7	8.8	0.5	0.5	24.4	26.3
(b) Manufacturing industries	404.9	400.3	-	-	0.1	0.1	0.0	0.0	1.5	1.4	15.1	13.1	0.2	0.2	6.4	6.7
(c) Transport	843.7	800.1	-	-	0.1	0.1	-	-	8.4	7.9	39.4	41.9	7.5	8.0	2.0	1.9
(d) Other sectors	185.7	179.8	-	-	-	-	-	-	0.2	0.2	1.6	1.6	0.2	0.2	0.2	0.1
2. Industrial processes	2.1	1.5	-	-	-	-	-	-	-	-	-	-	9.2	8.2	-	-
3. Solvent and other product use	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Agriculture	-	-	-	-	1.1	1.1	1.2	1.2	-	-	-	-	-	-	-	-
5. Land use change and forestry	-	-	193.2	224.0	-	-	-	-	-	-	-	-	-	-	-	-
6. Waste	-	-	-	-	11.3	10.9	-	-	-	-	-	-	-	-	-	-
Total	3,349.0	3,349.6	193.2	224.0	13.0	12.6	1.3	1.3	16.6	16.6	64.8	65.4	17.7	17.1	33.0	35.1

¹ Provisional

² Non - methane volatile organic compound

Table 3.9 - Consumption of controlled ozone-depleting substances by sector, 1998 - 2007

Metric tonnes

Sector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Aerosol	16.19	8.90	8.00	2.00	-	-	-	-	-	-
Foam	-	0.06	...	...	-	-	-	-	-	-
Process agent	-	-	-	-	-	-	-	0.03	-	-
Refrigeration and air conditioning	83.33	99.98	72.22	113.20	136.30	226.80	171.85	165.64	138.13	156.62
Solvent	1.12	1.09	3.15	0.01	0.02	0.03	0.02	-	-	-
Methyl bromide use	0.70	0.70	...	0.70	-	-	-	-	-	-
Tobacco fluffing	-	-	...	...	-	-	-	-	-	-
Total	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67	138.13	156.62

Source : Ministry of Environment and National Development Unit.

Fig. 9 - Consumption of controlled ozone-depleting substances by sector, 1998 - 2007

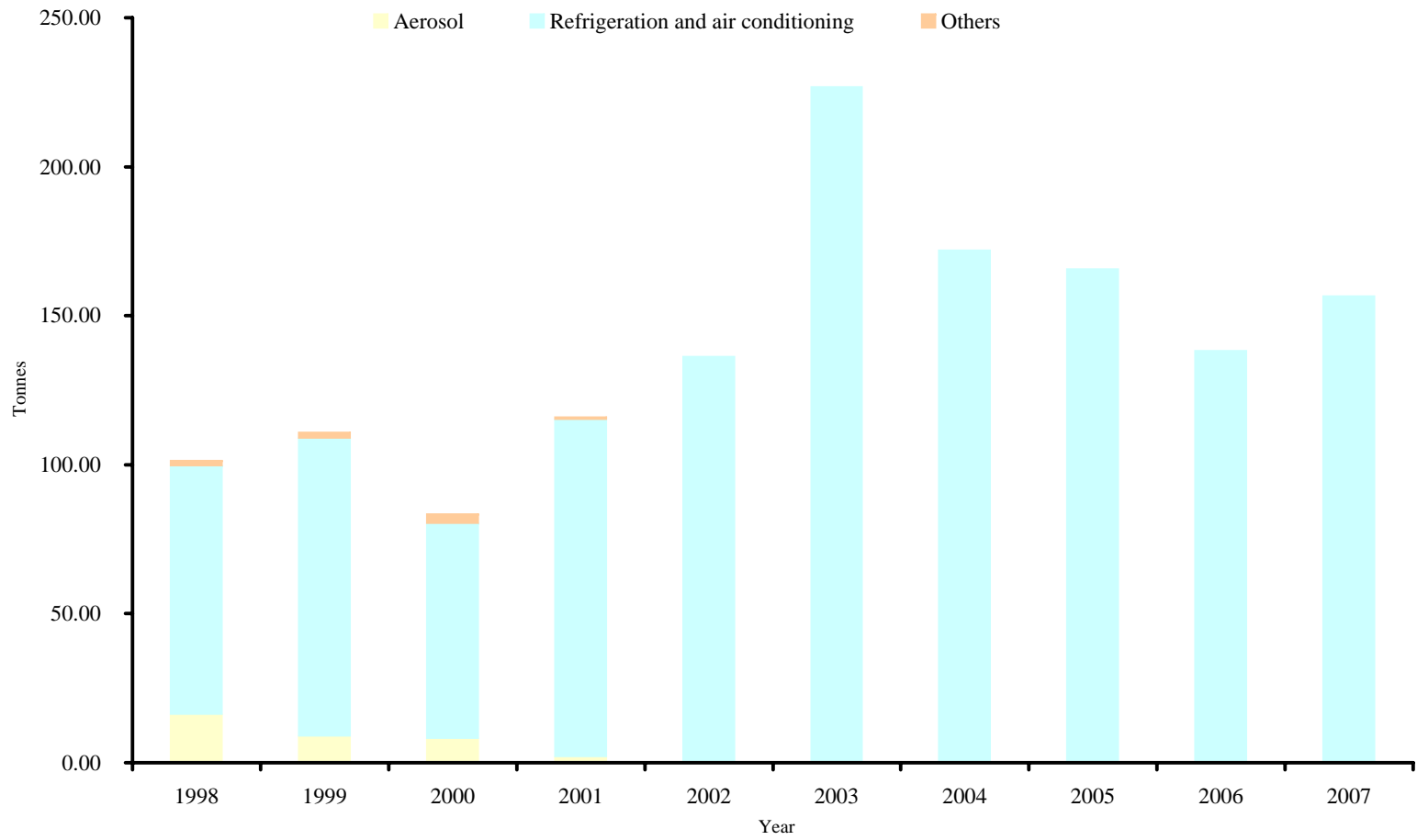


Table 3.10 - Consumption of controlled ozone-depleting substances by type of substances, 1998 - 2007

Type of substances	Metric Tonnes									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Chlorofluorocarbon (CFC's)	39.69	19.47	19.26	14.71	7.40	4.07	3.40	-	1.00	-
Carbon tetrachloride	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.03	-	-
Methyl chloroform	1.10	1.01	1.10	-	-	-	-	-	-	-
Hydrochlorofluorocarbon (HCFC's)	59.83	89.54	63.00	100.49	128.90	222.73	168.45	165.64	138.13	156.62
Methyl bromide	0.70	0.70	...	0.70	-	-	-	-	-	-
Total	101.34	110.73	83.37	115.91	136.32	226.83	171.87	165.67	139.13	156.62

Source : Ministry of Environment and National Development Unit.

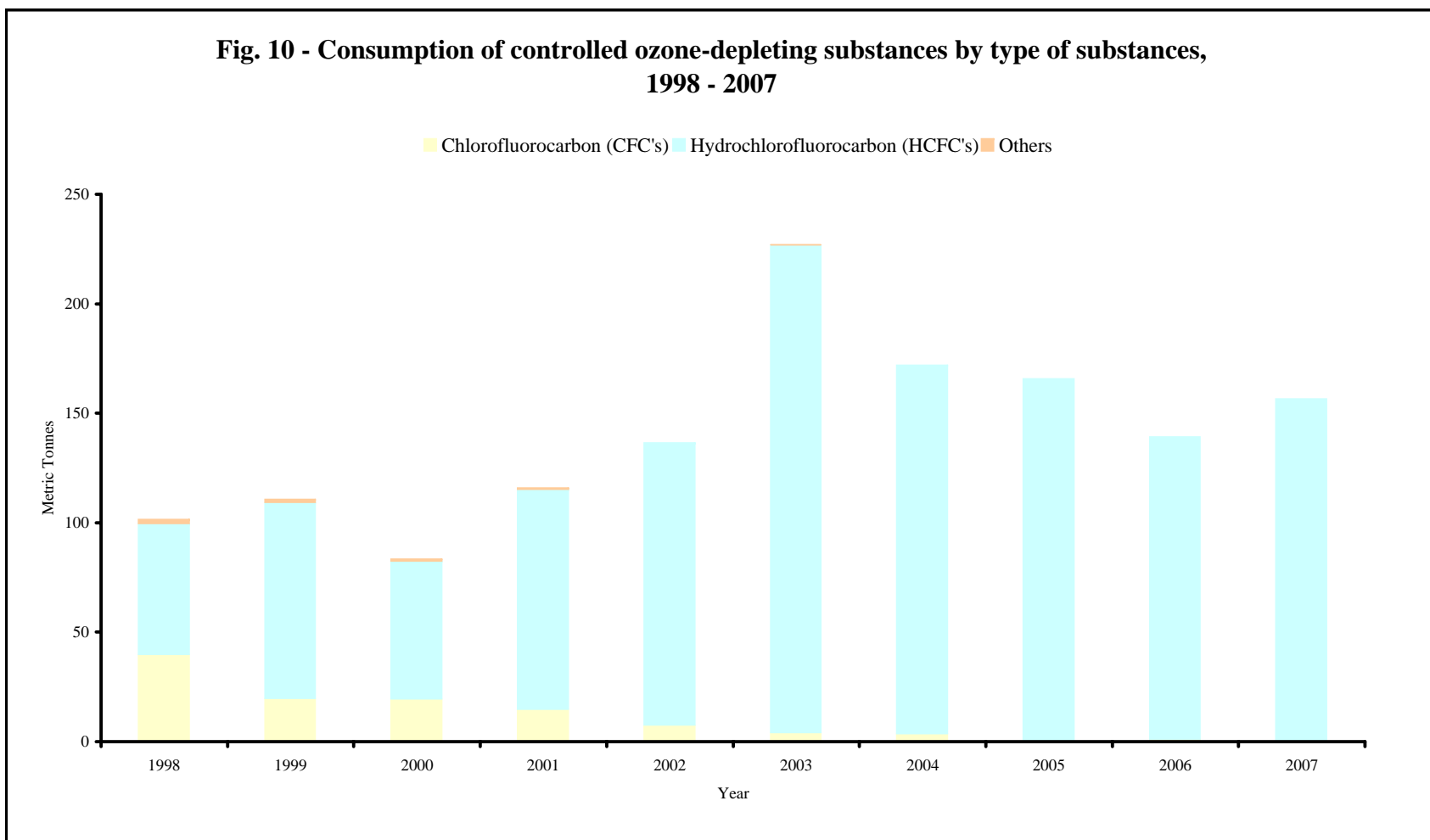


Table 3.11 - Health services (as at 31st December) Republic of Mauritius, 1998 - 2007

	Number									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Hospitals										
Regional hospitals	5	5	5	5	5	5	5	5	5	5
District hospitals	4	4	4	4	3	3	3	3	3	3
Specialised hospitals (Psychiatric, chest, eye and ENT) ¹	4	4	4	4	4	4	4	4	4	4
Cardiac Centre	1	1	1	1	1	1	1	1	1	1
Mediclinics	2	2	2	2	2	2	2	2	2	2
Area health centres ²	27	27	27	27	27	27	27	27	27	27
Health centres with beds (Island of Rodrigues)	2	2	2	2	2	2	2	2	2	2
Community health centres ²	120	121	121	121	122	122	125	126	127	128
Family health service centres ³	9	9	9	6	5	5	4	3	3	3
Dispensaries										
Private dispensaries on sugar estates	26	24	23	20	19	18	17	15	13	12
Mobile dispensaries	2	1	1	1	1	1	1	1	1	1
Clinics										
Dental (including oral surgery and orthodontics)	38	41	40	41	43	44	46	50	50	50
Social hygiene	1	1	1	1	1	1	1	1	1	1
Private	12	13	13	14	12	12	12	12	13	13
Public mobile dental	2	1	1	1	1	1	2	2	2	2
Health offices	14	14	14	14	14	14	14	14	14	14

¹ The ENT centre is administratively attached to Victoria Hospital

² Including Dr. Y. Cantin and Long Mountain Community Hospital

³ Centres providing maternal and child health and family planning services only

Table 3.12 - Respiratory diseases registered in government hospitals, 1998 - 2007

Detail	Number									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Both sexes										
General hospital discharges ¹ (including deaths)	10,637	12,473	12,021	9,788	10,442	10,218	9,992	9,759	11,151	12,594
First attendances ¹ at regional health centres	316,559	364,556	406,752	382,557	397,457	396,485	367,672	381,406	376,375	382,548
Discharges (including deaths) at P D'Or chest hospital	394	448	488	412	530	489	495	449	468	549
New cases diagnosed at specialist clinics in chest diseases	1,167	1,393	1,667	1,753	1,330	842	981	1,143	1,025	915
Male										
General hospital discharges ¹ (including deaths)	5,614	6,408	6,255	5,088	5,337	5,335	4,984	4,914	5,783	6,687
First attendances ¹ at regional health centres	151,076	175,504	197,363	184,994	193,393	190,477	178,608	183,640	181,462	184,487
Discharges (including deaths) at P D'Or chest hospital	259	319	352	289	391	350	354	332	332	405
New cases diagnosed at specialist clinics in chest diseases	715	841	955	962	766	447	522	546	547	487
Female										
General hospital discharges ¹ (including deaths)	5,023	6,065	5,766	4,700	5,105	4,883	5,008	4,845	5,348	5,907
First attendances ¹ at regional health centres	165,483	189,052	209,389	197,563	204,064	206,008	189,064	197,766	194,913	198,061
Discharges (including deaths) at P D'Or chest hospital	135	129	136	123	139	139	141	117	136	144
New cases diagnosed at specialist clinics in chest diseases	452	552	712	791	564	395	459	597	478	428

Source: Statistics Unit , Ministry of Health and Quality of Life.

¹ due to diseases of the respiratory system

Table 3.13 - Cases of asthma treated as in-patients in government hospitals, 1998 - 2007

Year	In-Patients		
	Male	Female	Total
1998	1,730	1,657	3,387
1999	2,005	1,994	3,999
2000	1,794	1,893	3,687
2001	1,565	1,616	3,181
2002	1,573	1,667	3,240
2003	1,538	1,735	3,273
2004	1,453	1,689	3,142
2005	1,507	1,668	3,175
2006	1,613	1,577	3,190
2007	1,650	1,693	3,343

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.14 - Deaths registered due to asthma, 1998 - 2007

Year	Deaths		
	Male	Female	Total
1997	69	50	119
1998	98	61	159
1999	80	70	150
2000	94	68	162
2001	74	94	168
2002	105	61	166
2003	97	99	196
2004	75	64	139
2005	104	75	179
2006	101	65	166
2007	86	68	154

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.15 - Cases of asthma treated as in-patients in government hospitals by age group and sex, 2006 - 2007

Age group (years)	Number of cases					
	Male		Female		Total	
	2006	2007	2006	2007	2006	2007
Less than one year	19	16	6	12	25	28
1 - 4	229	304	147	185	376	489
5 - 9	186	278	102	171	288	449
10 - 14	82	108	53	65	135	173
15 - 19	30	46	46	42	76	88
20 - 24	36	32	42	26	78	58
25 - 29	45	33	39	47	84	80
30 - 34	36	42	50	38	86	80
35 - 39	39	33	59	57	98	90
40 - 44	47	33	69	91	116	124
45 - 49	68	72	79	80	147	152
50 - 54	101	73	125	114	226	187
55 - 59	103	103	132	131	235	234
60 - 64	102	76	108	101	210	177
65 - 69	112	95	124	133	236	228
70 - 74	113	102	142	127	255	229
75 - 79	140	100	133	103	273	203
80 - 84	80	73	67	118	147	191
85 and over	38	31	46	52	84	83
Total	1,606	1,650	1,569	1,693	3175	3343

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.16 - Deaths registered due to asthma by age group and sex, 2006 - 2007

Age group (years)	Number of cases					
	Male		Female		Total	
	2006	2007	2006	2007	2006	2007
Less than one year	0	0	0	0	0	0
1 - 4	1	1	1	0	2	1
5 - 9	0	0	0	0	0	0
10 - 14	0	0	0	1	0	1
15 - 19	0	0	0	0	0	0
20 - 24	0	0	0	0	0	0
25 - 29	1	0	0	0	1	0
30 - 34	0	4	0	2	0	6
35 - 39	2	0	0	1	2	1
40 - 44	2	2	0	3	2	5
45 - 49	3	3	4	5	7	8
50 - 54	4	3	2	1	6	4
55 - 59	4	4	1	7	5	11
60 - 64	6	6	2	5	8	11
65 - 69	10	9	6	2	16	11
70 - 74	11	11	6	7	17	18
75 - 79	15	16	9	13	24	29
80 - 84	14	16	14	11	28	27
85 and over	18	11	11	10	29	21
Total	91	86	56	68	147	154

Source: Statistics Unit , Ministry of Health and Quality of Life.

Table 3.17 - Households with members suffering from health problems related to air pollution by type of problem, Republic of Mauritius, 2001

Health problem	Households reporting specific health problems		
	Number	as a % of households reporting health problems	as a % of all sampled households
Breathing difficulties	242	62	3.8
ENT problems	163	41.2	2.6
Asthma	138	35.4	2.2
Eye troubles	81	20.8	1.3
Skin diseases	65	16.7	1

Source : CSO - Continuous Multi-Purpose Household Survey 2001