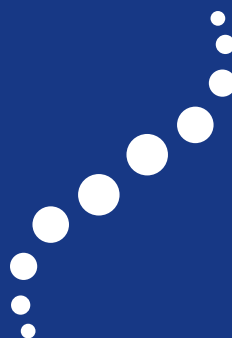


AYUSH IN INDIA 2007

Section 3



Medical Manpower



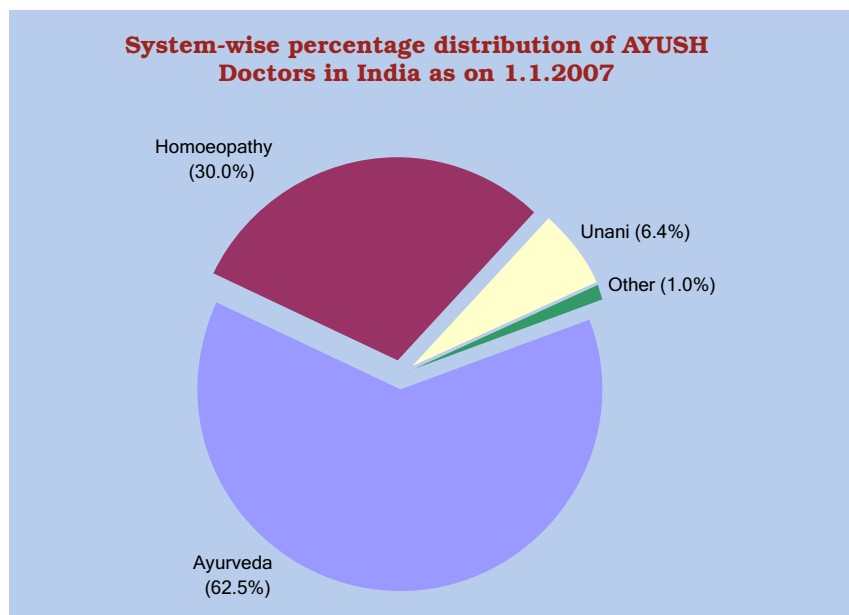
SECTION 3 : MEDICAL MANPOWER

A

YUSH practitioners possessing recognized medical qualifications as detailed in the Indian Medicine Central Council Act, 1970 and Homoeopathy Central Council Act, 1973 are being registered by the State Boards/Councils constituted by the State Governments under any law in force regulating the award of medical qualifications in, and registration of practitioners under Indian Medicine and Homoeopathy. The regulatory bodies, Central Council of Indian Medicine (CCIM) and Central Council of Homoeopathy (CCH) are maintaining Central Registers which are being updated from time to time from State Registers.

AYUSH doctors in India:

There were 725568 registered AYUSH doctors in India as on 1.1.2007. Out of which, 62.5%, 30%, 6.4%, 0.9% and 0.1% doctors belong to Ayurveda, Homoeopathy, Unani, Siddha and Naturopathy systems respectively. About 65% of the total AYUSH doctors had been registered in the states of Bihar, Maharashtra, Uttar Pradesh, Madhya Pradesh and West Bengal. No AYUSH doctor had been reported to be registered in

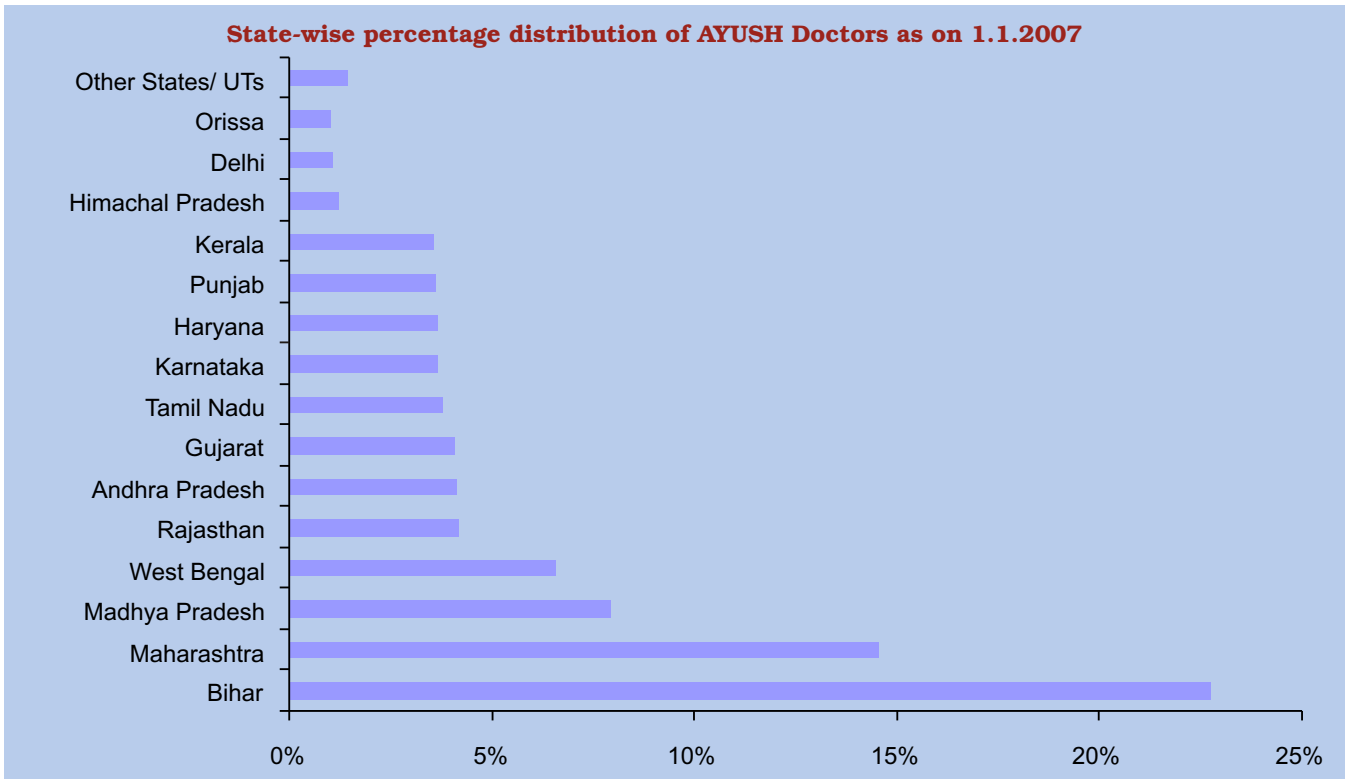


the states of Jharkhand, Manipur, Mizoram & Sikkim and in the union territories of Andaman & Nicobar Islands, Dadra & Nagar Haveli, Daman & Diu, Lakshadweep and Puducherry.

Availability of AYUSH doctors:

On an average, there were 6415 AYUSH doctors per crore population in India as on 1.1.2007. However, there was significant inter-state variation in the strength of AYUSH doctors. In Bihar, there were 17874 AYUSH doctors per crore

population, whereas, in Himachal Pradesh, 13584 AYUSH doctors were serving one crore population. 11323 AYUSH doctors were available in Haryana and 10000 AYUSH doctors were available in the state of Maharashtra per crore population. States having less than 1000 AYUSH doctors per crore populations were Chhattisgarh and North-Eastern states except Nagaland.

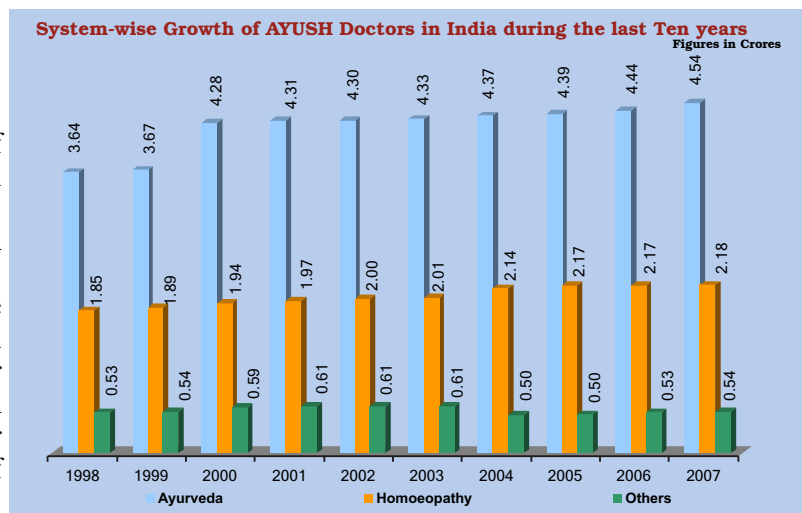


Trend in availability of AYUSH doctors:

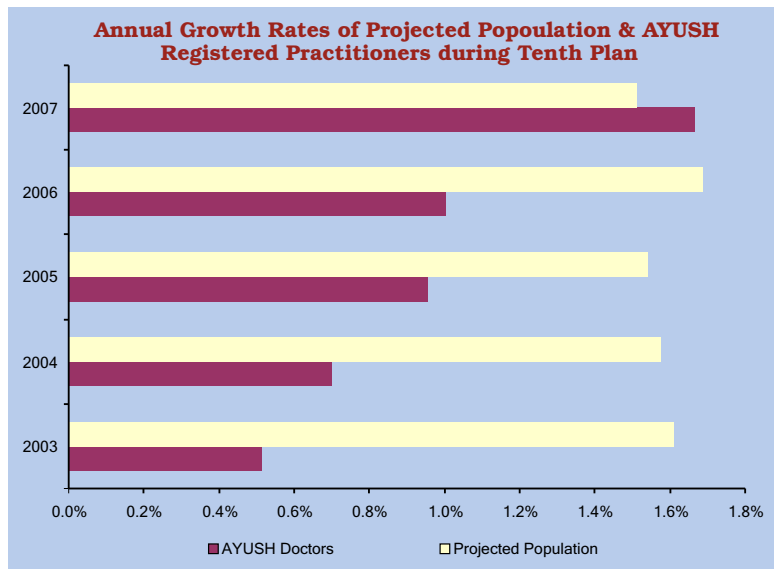
On an aggregate, AYUSH doctors serving per crore population had varied from 5422 to 6753 during the period 1980-2007. From 5677 doctors per crore populations in 1981, it dropped to 5422 in 1983, and then gradually increased to 6439 in 1990, again declining marginally to 6368 in 1991, which further increased to 6506 in 1992. There was a declining trend further, culminating in 6154 AYUSH doctors per crore population in 1999. However, a substantial growth of about 10% was registered next year. Beyond that the number of AYUSH doctors had declined to 6405 per crore populations in 2006. The availability of AYUSH doctors had improved marginally to 6415 per crore populations in 2007.

Growth of AYUSH doctors:

An average annual growth rate of 2.5% in number of AYUSH doctors had been observed during 1980-2007. During the same period, there had been an average annual growth rate of 2.7%, 2% and 2.7% in the strength of the doctors of Ayurveda, Unani and Homoeopathy respectively. The number of AYUSH doctors had increased each year substantially except for the year 1983. The maximum growth rate of 11.8% had been recorded in 2000.



Indian Systems of Medicine & Homoeopathy became a separate Department during the Eighth Plan. From Eighth Plan onward, number of doctors and population both had grown annually at the rate of 1.8%. Annual growth rates of 1.8%, 1.2% and 2.4% in the strength of doctors of Ayurveda, Unani and Homoeopathy respectively had been registered during 1992-2007. An annual growth rate of 9.6% in the strength of Naturopathy doctors had been registered during 1998-2007, whereas an annual growth rate of 1.7% in the strength of Siddha doctors had been recorded during 2004-2007.



3.1 Summary of AYUSH Registered Practitioners (Doctors) and Population served as on 1.1.2007

S. No.	Item	AYUSH Systems					Total	Population (in '000)
		Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

A. Registered Practitioners and Population of India

1	Number of Registered Practitioners	453661	46558	6601	888	217860	725568	1131043
2	Percentage of Registered Practitioners	62.5%	6.4%	0.9%	0.1%	30.0%	100%	
3	Registered Practitioners per crore Population	4011	412	58	8	1926	6415	

B. Annual Growth Rate

4	Latest Annual Growth Rate	2.3%	0.7%	2.8%	64.1%	0.5%	1.7%	1.5%
5	Average Annual Growth Rate in AYUSH doctors during 1980-2007 *	2.7%	2.0%		9.6%	2.7%	2.5%	2.0%

C. Plan-wise Average Annual Growth Rate

6	Eighth Plan	0.4%	-0.2%	1.6%		2.4%	1.0%	2.0%
7	Ninth Plan	4.3%	2.0%	7.7%	5.6%	2.0%	3.5%	1.8%
8	Tenth Plan ¹	1.2%	2.1%	1.7%	13.7%	2.0%	1.1%	1.6%
9	Last three Plan Periods ²	1.8%	1.2%		9.6%	2.4%	1.8%	1.8%

¹The average annual growth rate during Tenth Plan for Siddha has been worked out for the period 2004-2007 only.

²The average Annual Growth Rate of Siddha has not been worked out, whereas, for naturopathy it has been worked out for the period 1998-2007 only.

3.2 State-wise AYUSH Registered Practitioners (Doctors) as on 1.1.2007

S. No.	State / Union Territory	Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Andhra Pradesh	15231	5022		374	9422	30049
2	Arunachal Pradesh					94	94
3	Assam	442				669	1111
4	Bihar	132981	4202			27864	165047
5	Chhattisgarh	794	9			221	1024
6	Delhi	3088	1625			3149	7862
7	Goa	290				274	564
8	Gujarat	20985	256			8503	29744
9	Haryana	18726	2212			5570	26508
10	Himachal Pradesh	7236	456			1121	8813
11	Jammu & Kashmir	1952	1956				3908
12	Karnataka	20352	1121	4	234	5003	26714
13	Kerala	15068	64	1326		9273	25731
14	Madhya Pradesh	47602	609		2	9380	57593
15	Maharashtra	63030	4079			38407	105516
16	Meghalaya					240	240
17	Nagaland					1997	1997
18	Orissa	4448	17			3106	7571
19	Punjab	18424	4033			3742	26199
20	Rajasthan	23861	1619			4778	30258
21	Tamil Nadu	3612	1014	5271	278	17268	27443
22	Tripura					145	145
23	Uttar Pradesh	51240	13289			27790	92319
24	Uttarakhand	1065	41				1106
25	West Bengal	3234	4934			39547	47715
26	Chandigarh					297	297
	TOTAL	453661	46558	6601	888	217860	725568

Source : State Boards/Councils

3.3 State-wise Distribution of Population and AYUSH Registered Practitioners (Doctors) as on 1.1.2007

S. No.	State / Union Territory	Population (in 000) #	% Population	AYUSH Doctors	% AYUSH Doctors	AYUSH Doctors per Crore Population
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andhra Pradesh	81315	7.2%	30049	4.1%	3695
2	Arunachal Pradesh	1185	0.1%	94	0.0%	793
3	Assam	29471	2.6%	1111	0.2%	377
4	Bihar	92340	8.2%	165047	22.7%	17874
5	Chhattisgarh	23255	2.1%	1024	0.1%	440
6	Delhi	16563	1.5%	7862	1.1%	4747
7	Goa	1581	0.1%	564	0.1%	3567
8	Gujarat	55617	4.9%	29744	4.1%	5348
9	Haryana	23410	2.1%	26508	3.7%	11323
10	Himachal Pradesh	6488	0.6%	8813	1.2%	13584
11	Jammu & Kashmir	11974	1.1%	3908	0.5%	3264
12	Jharkhand	29597	2.6%			
13	Karnataka	56775	5.0%	26714	3.7%	4705
14	Kerala	33902	3.0%	25731	3.5%	7590
15	Madhya Pradesh	68046	6.0%	57593	7.9%	8464
16	Maharashtra	105511	9.3%	105516	14.5%	10000
17	Manipur	2594	0.2%			
18	Meghalaya	2504	0.2%	240	0.0%	958
19	Mizoram	968	0.1%			
20	Nagaland	2160	0.2%	1997	0.3%	9245
21	Orissa	39483	3.5%	7571	1.0%	1918
22	Punjab	26288	2.3%	26199	3.6%	9966
23	Rajasthan	63549	5.6%	30258	4.2%	4761
24	Sikkim	587	0.1%			
25	Tamil Nadu	65838	5.8%	27443	3.8%	4168
26	Tripura	3466	0.3%	145	0.0%	418
27	Uttar Pradesh	187380	16.6%	92319	12.7%	4927
28	Uttarakhand	9358	0.8%	1106	0.2%	1182
29	West Bengal	86835	7.7%	47715	6.6%	5495
30	A&N Islands	403	0.0%			
31	Chandigarh	1037	0.1%	297	0.0%	2864
32	D & N Haveli	255	0.0%			
33	Daman & Diu	183	0.0%			
34	Lakshadweep	67	0.0%			
35	Puducherry	1058	0.1%			
TOTAL		1131043	100%	725568	100%	6415

Projected Population as on 1.3.2007 by Registrar General of India.

3.4 Growth of Population and AYUSH Registered Practitioners since 1980

Year	Population of India(in 000')	Systems of AYUSH					Total
		Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy	
(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)
1980	668434	220497	27166	18171		105912	371746
1981	683331	232227	28000	18190		109493	387910
1982	698483	233824	28737	18357		112638	393556
1983	713914	232190	27736	11476		115710	387112
1984	729618	243153	28021	11509		122173	404856
1985	745586	251071	28382	11532		123852	414837
1986	761810	264800	28715	11581		131091	436187
1987	778280	271696	29097	11632		137507	449932
1988	794985	306740	29701	11644		143380	491465
1989	811914	315719	34886	11717		148866	511188
1990	829052	337966	35350	11801		148707	533824
1991	846421	339200	35633	11615		152521	538969
1992	863905	354423	39469	11990		156134	562016
1993	881588	353924	39802	11994		162766	568486
1994	899421	354684	39550	11895		167097	573226
1995	917387	355816	40827	12437		172623	581703
1996	935468	358564	41420	12450		174564	586998
1997	953648	360290	39497	12780		178943	591510
1998	971909	363885	39958	12911	388	184894	602036
1999	990236	366812	40748	12915	402	188527	609404
2000	1008613	427504	42445	16599	429	194147	681124
2001	1028737	430890	43108	17097	455	197252	688802
2002	1045547	430263	43330	17392	482	200003	691470
2003	1062388	432625	42833	17550	532	201484	695024
2004	1079117	436683	42882	6283	532	213503	699883
2005	1095722	438721	43578	6286	541	217460	706586
2006	1114202	443634	46230	6421	541	216858	713684
2007	1131043	453661	46558	6601	888	217860	725568

Source : Census population for the years 1981, 1991 and 2001; Estimated population for the years 1980, 1982 to 1990 and 1992 to 2000 as per Health Information of India-2005 and projected population for the years 2002 to 2007 by Registrar General India.

Note - Figures of Registered Practitioners under Siddha System have been revised since 2004.

3.5 AYUSH Registered Practitioners per crore population since 1980 (as on 1st January)

Year	Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1980	3299	406	272		1584	5561
1981	3398	410	266		1602	5677
1982	3348	411	263		1613	5634
1983	3252	389	161		1621	5422
1984	3333	384	158		1674	5549
1985	3367	381	155		1661	5564
1986	3476	377	152		1721	5726
1987	3491	374	149		1767	5781
1988	3858	374	146		1804	6182
1989	3889	430	144		1834	6296
1990	4077	426	142		1794	6439
1991	4007	421	137		1802	6368
1992	4103	457	139		1807	6506
1993	4015	451	136		1846	6448
1994	3943	440	132		1858	6373
1995	3879	445	136		1882	6341
1996	3833	443	133		1866	6275
1997	3778	414	134		1876	6203
1998	3744	411	133	4	1902	6194
1999	3704	411	130	4	1904	6154
2000	4239	421	165	4	1925	6753
2001	4189	419	166	4	1917	6696
2002	4115	414	166	5	1913	6613
2003	4072	403	165	5	1897	6542
2004	4047	397	58	5	1978	6486
2005	4004	398	57	5	1985	6449
2006	3982	415	58	5	1946	6405
2007	4011	412	58	8	1926	6415

3.6 Percentage Distribution of AYUSH Registered Practitioners since 1980 (as on 1st January)

S. No.	Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy
(1)	(2)	(3)	(4)	(5)	(6)
1980	59.3%	7.3%	4.9%		28.5%
1981	59.9%	7.2%	4.7%		28.2%
1982	59.4%	7.3%	4.7%		28.6%
1983	60.0%	7.2%	3.0%		29.9%
1984	60.1%	6.9%	2.8%		30.2%
1985	60.5%	6.8%	2.8%		29.9%
1986	60.7%	6.6%	2.7%		30.1%
1987	60.4%	6.5%	2.6%		30.6%
1988	62.4%	6.0%	2.4%		29.2%
1989	61.8%	6.8%	2.3%		29.1%
1990	63.3%	6.6%	2.2%		27.9%
1991	62.9%	6.6%	2.2%		28.3%
1992	63.1%	7.0%	2.1%		27.8%
1993	62.3%	7.0%	2.1%		28.6%
1994	61.9%	6.9%	2.1%		29.2%
1995	61.2%	7.0%	2.1%		29.7%
1996	61.1%	7.1%	2.1%		29.7%
1997	60.9%	6.7%	2.2%		30.3%
1998	60.4%	6.6%	2.1%	0.1%	30.7%
1999	60.2%	6.7%	2.1%	0.1%	30.9%
2000	62.8%	6.2%	2.4%	0.1%	28.5%
2001	62.6%	6.3%	2.5%	0.1%	28.6%
2002	62.2%	6.3%	2.5%	0.1%	28.9%
2003	62.2%	6.2%	2.5%	0.1%	29.0%
2004	62.4%	6.1%	0.9%	0.1%	30.5%
2005	62.1%	6.2%	0.9%	0.1%	30.8%
2006	62.2%	6.5%	0.9%	0.1%	30.4%
2007	62.5%	6.4%	0.9%	0.1%	30.0%

3.7 Annual Growth Rate of Population served and AYUSH Registered Practitioners since 1981

Year	Population	Systems of AYUSH					Total
		Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1981	2.2%	5.3%	3.1%	0.1%		3.4%	4.3%
1982	2.2%	0.7%	2.6%	0.9%		2.9%	1.5%
1983	2.2%	-0.7%	-3.5%	-37.5%		2.7%	-1.6%
1984	2.2%	4.7%	1.0%	0.3%		5.6%	4.6%
1985	2.2%	3.3%	1.3%	0.2%		1.4%	2.5%
1986	2.2%	5.5%	1.2%	0.4%		5.8%	5.1%
1987	2.2%	2.6%	1.3%	0.4%		4.9%	3.2%
1988	2.1%	12.9%	2.1%	0.1%		4.3%	9.2%
1989	2.1%	2.9%	17.5%	0.6%		3.8%	4.0%
1990	2.1%	7.0%	1.3%	0.7%		-0.1%	4.4%
1991	2.1%	0.4%	0.8%	-1.6%		2.6%	1.0%
1992	2.1%	4.5%	10.8%	3.2%		2.4%	4.3%
1993	2.0%	-0.1%	0.8%	0.0%		4.2%	1.2%
1994	2.0%	0.2%	-0.6%	-0.8%		2.7%	0.8%
1995	2.0%	0.3%	3.2%	4.6%		3.3%	1.5%
1996	2.0%	0.8%	1.5%	0.1%		1.1%	0.9%
1997	1.9%	0.5%	-4.6%	2.7%		2.5%	0.8%
1998	1.9%	1.0%	1.2%	1.0%		3.3%	1.8%
1999	1.9%	0.8%	2.0%	0.0%	3.6%	2.0%	1.2%
2000	1.9%	16.5%	4.2%	28.5%	6.7%	3.0%	11.8%
2001	2.0%	0.8%	1.6%	3.0%	6.1%	1.6%	1.1%
2002	1.6%	-0.1%	0.5%	1.7%	5.9%	1.4%	0.4%
2003	1.6%	0.5%	-1.1%	0.9%	10.4%	0.7%	0.5%
2004	1.6%	0.9%	0.1%		0.0%	6.0%	0.7%
2005	1.5%	0.5%	1.6%	0.0%	1.7%	1.9%	1.0%
2006	1.7%	1.1%	6.1%	2.1%	0.0%	-0.3%	1.0%
2007	1.5%	2.3%	0.7%	2.8%	64.1%	0.5%	1.7%