# V. FINANCIAL MARKETS

Global financial markets, after remaining relatively benign during 2005-06, exhibited large volatility during May-June 2006. With inflation rising sharply during May 2006, expectations that central banks might tighten further than earlier anticipated unnerved financial markets, especially commodity and equity markets. Risk spreads, which had declined to record lows in 2005-06 on the back of search for yield, widened as investors re-priced risk. Foreign investors pulled out from emerging market economies (EMEs), reflecting increase in risk aversion even as fundamentals remain largely strong.

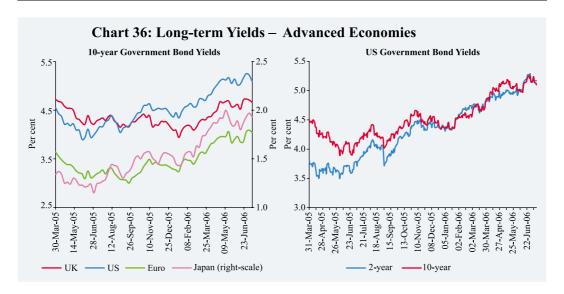
Short-term interest rates increased further in a number of economies during the first quarter of 2006-07 in consonance with continuous monetary tightening as central banks raised their policy rates further to ward off inflationary pressures stemming from higher international crude oil and other commodity prices in an environment of strong domestic demand (Table 31). The US increased its fed funds rate target by 50 basis points (bps) during the quarter while the European Central Bank raised its policy rate by 25 basis points during the quarter. Other advanced economies such as Australia, Canada, Norway and Sweden and EMEs such as Korea, Israel, South Africa, Thailand and Turkey also increased their policy rates during the quarter. After maintaining zero interest rates for an extended period, the Bank of Japan on July 14, 2006 decided to increase the

Tabl	e 31: Short-te	erm Interest R	ates						
				(Per cent)					
Region/Country	At end of								
	March 2004	March 2005	March 2006	June 2006					
1	2	3	4	5					
Advanced Economies									
Euro Area	1.96	2.15	2.80	3.06					
Japan	0.03	0.02	0.04	0.24					
Sweden	2.12	1.97	1.99	2.23					
UK	4.31	4.95	4.58	4.70					
US	1.04	2.90	4.77	5.48					
Emerging Market Economies									
Argentina	2.88	4.56	9.63	10.00					
Brazil	16.02	19.25	16.54	15.18					
China	N.A.	2.25	2.40	3.00					
Hong Kong	0.17	2.79	4.47	4.67					
India	4.24	5.37	6.11	6.36					
Malaysia	3.00	2.82	3.51	3.93					
Philippines	9.19	7.25	7.38	8.00					
Singapore	0.69	2.06	3.44	3.50					
South Korea	3.90	3.54	4.26	4.57					
Thailand	1.31	2.64	5.10	5.40					

N.A.: Not Available.

Note : Data for India refer to 91-day Treasury Bills rate and for other countries 3-month money market rates.

**Source:** The Economist.



uncollateralised overnight call rate (adopted as the operating target for monetary policy since March 2006) by 25 basis points.

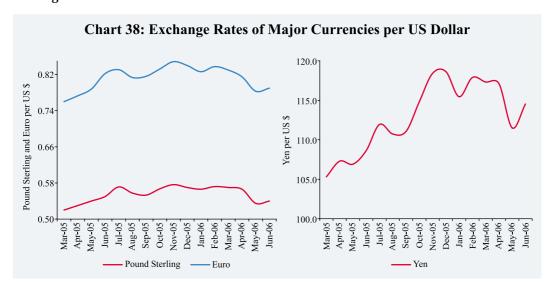
Long-term Government bond yields which had started rising in January 2006 rose further during April 2006 reflecting concerns about growing inflationary pressures (Chart 36). In the US, yields increased on the expectations that the US Federal Reserve may push the federal funds rate target higher than anticipated. Following the turmoil in global financial markets in mid-May 2006 over concerns of higher than anticipated inflation, there was a flight to safety and investors preferred to invest in risk-free Government bonds. Accordingly, long-term yields fell in the second half of May 2006. Yields, however, again edged up in the second half of June 2006 on renewed concerns over rise in the US core inflation. Between end-March 2006 and end-June 2006, 10-year yields increased by 29 basis points in the US, 34 basis points in the euro area and 14 basis points in Japan. In the euro area and Japan, the increase in yields also reflected strengthening outlook for economic activity.

Equity markets registered losses in a number of economies during the quarter ended June 2006, reversing a part of the large gains recorded during 2005. Equity markets in EMEs initially rallied during April 2006 continuing the trend of the previous year reflecting continuing search for yield amidst strong macroeconomic fundamentals and announcement of better than expected corporate profits for the first quarter of 2006. As on May 10, 2006, the world Morgan Stanley Capital International (MSCI) index was 11.5 per cent higher than end-2005, while the EMEs MSCI index increased by 24.5 per cent. The turmoil in global financial markets following higher than anticipated US inflation and the concomitant increase in risk aversion also impacted global equity markets. As a result, equity markets around the world fell. Equity markets in many EMEs were



the hardest hit (Chart 37). Equity markets, however, staged some recovery during June 2006.

In the foreign exchange market, the US dollar depreciated during April-May 2006 (Chart 38). Growing macroeconomic imbalances and inflation concerns in the US contributed to the dollar's decline. The US dollar, however, appreciated during June 2006 reflecting demand for US assets as investors pulled out of EMEs on the back of increase in risk aversion following higher than anticipated inflation in the US. During the quarter, the US dollar depreciated by 5.3 per cent against the Pound sterling, 2.4 per cent against the Yen and 4.8 per cent against the Euro.



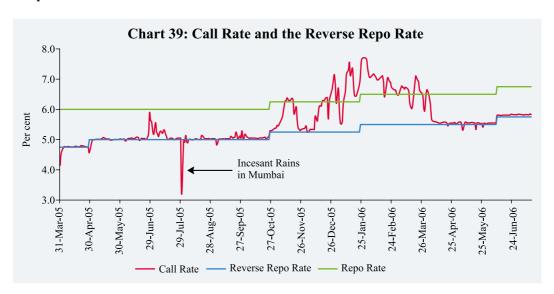
Indian financial markets remained largely orderly during the first quarter of 2006-07. Call money rates eased during the quarter and remained generally close to the reverse repo rate. Interest rates in the collateralised segment of the overnight money market - which now dominates the turnover in the money market - remained below the reverse repo rate and the call rate during the quarter. The foreign exchange market remained orderly even as the Indian rupee depreciated during May-June 2006. Yields in the Government securities market hardened during the quarter. The yield curve steepened as the increase at the longer end was higher than at the short-end. In the credit market, deposit and lending rates edged up during the quarter as credit demand remained strong. The stock markets, after reaching an all time high level on May 10, 2006, witnessed correction in line with the trends in major international markets. The stock markets recovered some of these losses during June 2006. The primary market segment of the equity market witnessed a sharp increase in resources raised during April-May 2006 on the back of a buoyant secondary market and strong macroeconomic fundamentals (Table 32).

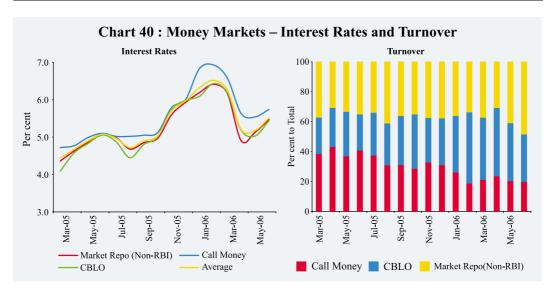
ge Average 10-Year Yield@ (Per tt) Cent) 3 4 4 5 6.22 67 7.02 7.01 0 6.88	in Govt. Securities (Rs. crore)+	Interbank Turnover (US \$ million)  6  8,894 12,655 9,880	7 44.93 44.27	Foreign Currency	3-month (Per cent) 9 1.66	Average MSS Out- standing# (Rs. crore)	Daily LAF	Average Daily BSE Turnover (Rs. crore)		Average BSE Sensex**	Average S&P CNX Nifty**
3 4 55 6.22 7 7.02 9 7.11	Securities (Rs. crore)+  5  4,826 3,643 3,001	bank Turnover (US \$ million) 6 <b>8,894</b> <b>12,655</b> 9,880	(Rs. per US \$) 7 44.93 44.27	Sales(-)/ Purchases (+) (US \$ million) 8 20,847	3-month (Per cent) 9 1.66	standing# (Rs. crore)	Out- standing (Rs. crore)	Turnover (Rs. crore)	Turnover (Rs. crore)	14	Nifty**
<b>6.22 60 7.12 7 7 9 7 7 1</b>	<b>4,826 3,643</b> 3,001	6 <b>8,894</b> <b>12,655</b> 9,880	44.93 44.27	million) 8 20,847	1.66		11				
<b>6.22 60 7.12 7 7 9 7 7 1</b>	<b>4,826 3,643</b> 3,001	<b>8,894 12,655</b> 9,880	44.93 44.27	20,847	1.66						
7.12 7.02 9 7.11	<b>3,643</b> 3,001	<b>12,655</b> 9,880	44.27	•		46.445	35,592	2,054	4,513	5,751	1,808
77 7.02 99 7.11	3,001	9,880		8,143							
9 7.11			40 774		1.60	58,792	11,075	3,248	6,256	8295	2520
	3,805	10.000	43.74	0	1.96	65,638	30,675	1,890	4,136	6379	1987
0 6.88		10,083	43.49	0	1.57	68,539	22,754	1,971	3,946	6483	2002
	6,807	10,871	43.58	-104	1.40	70,651	13,916	2,543	4,843	6926	2134
2 7.13	3,698	11,003	43.54	2,473	1.56	70,758	10,754	3,095	6,150	7337	2237
7.04	4,239	11,749	43.62	1,552	0.69	71,346	34,832	3,452	6,624	7726	2358
7.04	5,207	11,040	43.92	0	0.62	67,617	30,815	3,871	6,923	8272	2512
2 7.14	2,815	13,087	44.82	0	0.69	68,602	18,608	2,955	6,040	8220	2487
9 7.10	3,314	11,228	45.73	0	0.67	67,041	3,268	2,635	5,480	8552	2575
00 7.13	2,948	13,808	45.64	-6,541	1.51	52,040	1,452	3,516	6,814	9162	2773
33 7.15	3,094	16,713	44.40	0	2.60	40,219	-15,386	3,966	7,472	9540	2893
3 7.32	2,584	15,798	44.33	2,614	2.85	33,405	-13,532	3,688	7,125	10090	3019
7.40	2,203	17,600	44.48	8,149	3.11	29,652	-6,319	5,398	9,518	10857	3236
7.45	3,685	17,574	P 44.95	4,305	1.31	25,709	46,088	4,860	9,854	11742	3494
7.58	3,550	17,908	P 45.41	504	0.87	26,457	59,505	4,355	9,155	11599	3437
7.89	2,258	14,512	P 46.06	n.a.	0.73	31,845	48,611	3,251	6,828	9935	2915
	5 7.04 2 7.14 9 7.10 0 7.13 3 7.15 3 7.32 8 7.40 2 7.45 4 7.58 3 7.89 2 9.84 7.89 2 9.85 7.89	15 7.04 5,207 2 7.14 2,815 9 7.10 3,314 10 7.13 2,948 13 7.15 3,094 13 7.32 2,584 18 7.40 2,203 12 7.45 3,685 14 7.58 3,550 13 7.89 2,258 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.04 5,207 11,040 2 7.14 2,815 13,087 9 7.10 3,314 11,228 0 7.13 2,948 13,808 13 7.15 3,094 16,713 13 7.32 2,584 15,798 18 7.40 2,203 17,600 12 7.45 3,685 17,574 14 7.58 3,550 17,908 13 7.89 2,258 14,512   Sighted call money borrowing rates un Scheme. outstanding MSS.	5 7.04 5,207 11,040 43.92 2 7.14 2,815 13,087 44.82 9 7.10 3,314 11,228 45.73 10 7.13 2,948 13,808 45.64 13 7.15 3,094 16,713 44.40 13 7.32 2,584 15,798 44.33 18 7.40 2,203 17,600 44.48 2 7.45 3,685 17,574 P 44.95 4 7.58 3,550 17,908 P 45.41 3 7.89 2,258 14,512 P 46.06 clighted call money borrowing rates. ***  ***  ***  ***  ***  ***  ***  **	15 7.04 5,207 11,040 43,92 0 2 7.14 2,815 13,087 44.82 0 9 7.10 3,314 11,228 45.73 0 10 7.13 2,948 13,808 45.64 -6,541 1 13 7.15 3,094 16,713 44.40 0 13 7.32 2,584 15,798 44.33 2,614 18.8 7.40 2,203 17,600 44.48 8,149 1 2 7.45 3,685 17,574 P 44.95 4,305 1 4 7.58 3,550 17,908 P 45.41 504 1 3 7.89 2,258 14,512 P 46.06 n.a. 1 10 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	15         7.04         5,207         11,040         43.92         0         0.62           2         7.14         2,815         13,087         44.82         0         0.69           9         7.10         3,314         11,228         45.73         0         0.67           10         7.13         2,948         13,808         45.64         -6,541         1.51           13         7.15         3,094         16,713         44.40         0         2,60           13         7.32         2,584         15,798         44.33         2,614         2.85           8         7.40         2,203         17,600         44.48         8,149         3.11           12         7.45         3,685         17,574 P         44.95         4,305         1.31           4         7.58         3,550         17,908 P         45.41         504         0.87           3         7.89         2,258         14,512 P         46.06         n.a.         0.73           sighted call money borrowing rates.         +         : Average of daily close           social money borrowing rates.         : See         : Average of daily close	15 7.04 5,207 11,040 43.92 0 0.62 67,617 2 7.14 2,815 13,087 44.82 0 0.69 68,602 9 7.10 3,314 11,228 45.73 0 0.67 67,041 0 7.13 2,948 13,808 45.64 -6,541 1.51 52,040 13 7.15 3,094 16,713 44.40 0 2.60 40,219 13 7.32 2,584 15,798 44.33 2,614 2.85 33,405 18 7.40 2,203 17,600 44.48 8,149 3.11 29,652 12 7.45 3,685 17,574 P 44.95 4,305 1.31 25,709 14 7.58 3,550 17,908 P 45.41 504 0.87 26,457 13 7.89 2,258 14,512 P 46.06 n.a. 0.73 31,845 11 29,652 12 8 4 5 4 5 6 7 7 8 8 6 7 8 9 7 8 9 7 8	15         7.04         5,207         11,040         43.92         0         0.62         67,617         30,815           2         7.14         2,815         13,087         44.82         0         0.69         68,602         18,608           9         7.10         3,314         11,228         45.73         0         0.67         67,041         3,268           10         7.13         2,948         13,808         45.64         -6,541         1.51         52,040         1,452           33         7.32         2,584         15,798         44.40         0         2.60         40,219         -15,386           8         7.40         2,203         17,600         44.48         8,149         3.11         29,652         -6,319           2         7.45         3,685         17,574 P         44.95         4,305         1.31         25,709         46,088           4         7.58         3,550         17,908 P         45.41         504         0.87         26,457         59,505           3         7.89         2,258         14,512 P         46.06         n.a.         0.73         31,845         48.611           **	15         7.04         5,207         11,040         43.92         0         0.62         67,617         30.815         3,871           2         7.14         2,815         13,087         44.82         0         0.69         68,602         18,608         2,955           9         7.10         3,314         11,228         45.73         0         0.67         67,041         3,268         2,635           10         7.13         2,948         13,808         45.64         -6,541         1.51         52,040         1,452         3,516           13         7.15         3,094         16,713         44.40         0         2.60         40,219         -15,386         3,966           13         7.32         2,584         15,798         44.33         2,614         2.85         33,405         -13,532         3,688           8         7.40         2,203         17,600         44.48         8,149         3.11         29,652         -6,319         5,398           2         7.45         3,685         17,574 P         44.95         4,305         1.31         25,709         46,088         4,860           4         7.58         3,550	15 7.04 5,207 11,040 43.92 0 0.62 67,617 30,815 3,871 6,923 2 7.14 2,815 13,087 44.82 0 0.69 68,602 18,608 2,955 6,040 9 7.10 3,314 11,228 45.73 0 0.67 67,041 3,268 2,635 5,480 10 7.13 2,948 13,808 45.64 -6,541 1.51 52,040 1,452 3,516 6,814 13,715 3,094 16,713 44.40 0 2.60 40,219 -15,386 3,666 7,472 13 7.32 2,584 15,798 44.33 2,614 2.85 33,405 -13,532 3,688 7,125 18 7.40 2,203 17,600 44.48 8,149 3.11 29,652 -6,319 5,398 9,518 12 7.45 3,685 17,574 P 44.95 4,305 1.31 25,709 46,088 4,860 9,854 17,58 3,550 17,908 P 45.41 504 0.87 26,457 59,505 4,355 9,155 13 7.89 2,258 14,512 P 46.06 n.a. 0.73 31,845 48,611 3,251 6,828 19,154 1,155	15 7.04 5,207 11,040 43.92 0 0.62 67,617 30,815 3,871 6,923 8272 7.14 2,815 13,087 44.82 0 0.69 68,602 18,608 2,955 6,040 8220 9 7.10 3,314 11,228 45.73 0 0.67 67,041 3,268 2,635 5,480 8552 10 7.13 2,948 13,808 45.64 -6,541 1.51 52,040 1,452 3,516 6,814 9162 13 7.15 3,094 16,713 44.40 0 2.60 40,219 -15,386 3,966 7,472 9540 13,732 2,584 15,798 44.33 2,614 2.85 33,405 -13,522 3,688 7,125 10090 18 7.40 2,203 17,600 44.48 8,149 3.11 29,652 -6,319 5,398 9,518 10857 12 7.45 3,685 17,574 P 44.95 4,305 1.31 25,709 46,088 4,860 9,854 11742 4 7.58 3,550 17,908 P 45.41 504 0.87 26,457 59,505 4,355 9,155 11599 13 7.89 2,258 14,512 P 46.06 n.a. 0.73 31,845 48,611 3,251 6,828 9935 116 16 16 16 16 16 16 16 16 16 16 16 16

#### **Money Market**

Money market conditions remained largely comfortable during the first quarter of 2006-07. Call money rates which had edged up during the second half of 2005-06 eased during April-May 2006 and remained close to the reverse repo rate, the lower band of the liquidity adjustment facility (LAF) corridor, reflecting easing of liquidity conditions. With the increase in the fixed reverse repo rate by 25 basis points effective June 9, 2006, call rates also edged up by a similar magnitude (Chart 39). Call rate was 5.83 per cent as on July 19, 2006, 81 basis points lower than that at end-March 2006.

The interest rates in the collateralised segments of the money market – the market repo (outside the LAF) and the Collateralised Borrowing and Lending Obligation (CBLO) segments – also eased during April-June 2006 and continued to remain below the call rate. For instance, the rates in the CBLO segment averaged 5.21 per cent during April-June 2006, 42 basis points lower than that in the call money market over the same period. The collateralised market has now emerged as the predominant segment in the money market, with a share of more than 75 per cent in the total turnover (Chart 40 and Table 33). The supply of funds in the CBLO as well as the market repo segments has been augmented by participation of mutual funds (MFs) and insurance companies reflecting large surpluses with them in view of higher resource mobilisation. Commercial banks are the major borrowers of funds in the CBLO market. By June 2006, 155 members with 81 active members have been admitted in the CBLO segment of the Clearing Corporation of India Limited.





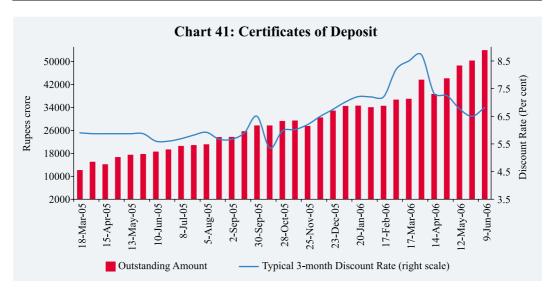
## Certificates of Deposit

Demand for certificates of deposit (CDs) remained strong during the first quarter of 2006-07 as banks continued to supplement their sources of funds to

		Table 33:	Activity in	Money M	arket Segi	ments	
							(Rupees crore)
		Average I	Daily Turnover #		Commercia	l Paper	Certificates of Deposit
Month	Call Money	Repo Market	Collateralised	Term Money	Outstanding	Amount	Outstanding
	Market	(Outside the	Borrowing and	Market	ŭ	Issued	ŭ
		LAF)	Lending				
			Obligation				
			(CBLO)				
1	2	3	4	5	6	7	8
2004-05 ^	14,170	17,135	6,697	526	11,723	1,090	6,052
2005-06 ^	17,979	21,183	20,039	833	17,285	3,073	27,298
April	17,213	12,174	10,370	661	15,598	3,549	16,602
May	15,269	13,688	12,233	545	17,182	3,824	17,689
June	20,134	17,163	11,792	534	17,797	2,925	19,270
July	20,046	18,103	15,292	717	18,607	3,360	20,768
August	16,158	21,325	14,544	754	19,508	4,110	23,568
September	16,292	18,872	17,143	1,116	19,725	2,519	27,641
October	17,164	20,980	21,763	734	18,726	2,892	29,193
November	22,620	25,660	20,496	917	18,013	2,483	27,457
December	21,149	25,574	21,265	775	17,234	3,304	32,806
January	17,911	24,596	25,634	1,089	16,431	1,937	34,521
February	13,497	24,096	34,162	813	15,876	3,160	34,487
March	18,290	31,964	35,775	1,338	12,718	2,813	43,568
2006-07							
April	16,909	21,914	32,657	894	16,525	6,065	44,059
May	18,072	36,107	34,293	945	16,922	4,701	50,228
June	17,425	42,250	27,617	1,256	19,490	4,981	53,863*

<sup># :</sup> Turnover is twice the single leg volumes in case of call money and CBLO to capture borrowing and lending both, and four times in case of market repo (outside LAF) to capture borrowing and lending in the two legs for a repo.

<sup>\* :</sup> As on June 9, 2006. ^ : Data are monthly averages.



support credit demand. The amount of CDs outstanding increased from Rs.43,568 crore at end-March 2006 to Rs.53,863 crore by June 9, 2006 (Chart 41). Outstanding CDs constituted 4.2 per cent of aggregate deposits of issuing banks as on June 9, 2006 (4.8 per cent at end-March 2006). The typical discount rate for 3-month maturity on CDs, which had edged higher during February-March 2006 in view of tight liquidity conditions, eased during the quarter from 8.72 per cent at end-March 2006 to 6.82 per cent by June 9, 2006.

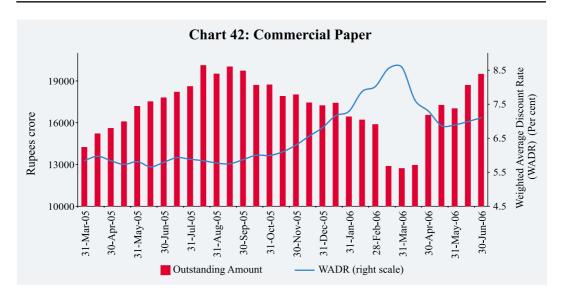
### Commercial Paper

Issuances of commercial paper (CP), which had exhibited some moderation in the second half of 2005-06, picked up again during April-June 2006 following easing of liquidity conditions. Outstanding CPs increased from Rs.12,718 crore at end-March 2006 to Rs.19,490 crore at end-June 2006 (Chart 42). The sharp increase in the weighted average discount rate (WADR) on CPs in the second half of 2005-06 was reversed during April-June 2006: the WADR fell from 8.59 per cent on March 31, 2006 to 7.10 per cent on June 30, 2006.

Leasing and finance companies remained the predominant issuers of CPs, partly reflecting the policy of phasing out the access of these companies to public deposits (Table 34). Issuances by manufacturing companies also recorded an increase during the quarter, benefiting from fall in the discount rate.

### Treasury Bills

The primary market yields on Treasury Bills witnessed mixed trends. The yields which had increased substantially between November 2005 and



February 2006, declined sharply till the third week of April 2006 with easing of liquidity conditions. The yields, however, firmed up from the first auction of May 2006 on concerns of higher inflation, hike in the fed funds rate target and larger issuances on account of reintroduction of auctions under the Market Stabilisation Scheme (MSS). The cut-off yields increased further during the second half of June 2006 reflecting hike in the reverse repo and repo rates by 25 basis points each effective June 9, 2006 (Table 35 and Chart 43). The yield spread between 91-day and 364-day Treasury Bills at end-June 2006 was 62 basis points as compared with 32 basis points at end-March 2006.

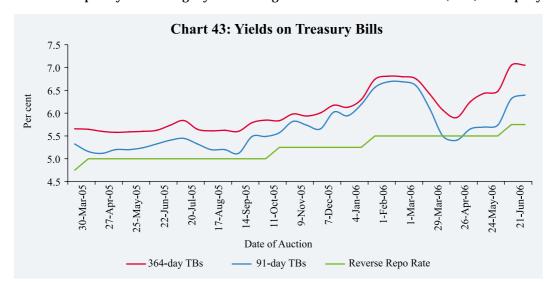
			(Rupees crore)				
Category of Issuer	End of						
	March 2005	March 2006	June 2006				
1	2	3	4				
Leasing and Finance	8,479	9,400	13,400				
	(59.6)	(73.9)	(68.8)				
Manufacturing	2,881	1,982	4,054				
	(20.2)	(15.6)	(20.8)				
Financial Institutions	2,875	1,336	2,035				
	(20.2)	(10.5)	(10.4)				
Total	14,235	12,718	19,490				
	(100.0)	(100.0)	(100.0)				

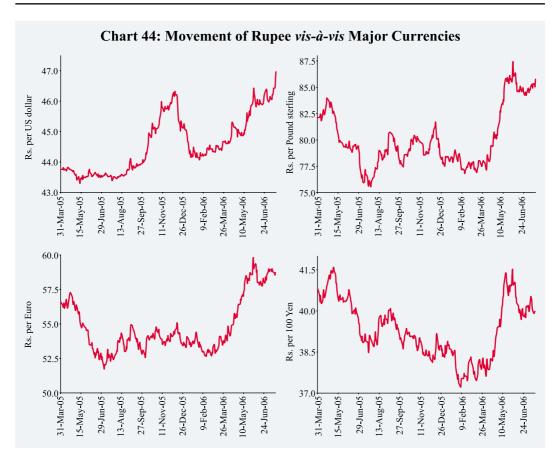
Month	Notified Amount (Rupees crore)		plicit Yield at off Price (Per		Averag	e Bid-Cover Ratio	
	•	91-day	182-day	364-day	91-day	182-day	364-day
1	2	3	4	5	6	7	8
2004-05	1,38,500	4.91	-	5.16	2.43	-	2.52
2005-06	1,55,500	5.68	5.82	5.96	2.64	2.65	2.45
April	19,000	5.17	5.36	5.62	4.03	4.48	2.54
May	15,000	5.19	5.35	5.58	3.30	3.37	2.29
June	18,500	5.29	5.37	5.61	1.54	2.42	1.81
July	11,500	5.46	5.67	5.81	1.21	1.79	1.68
August	21,000	5.23	5.42	5.63	3.07	2.68	2.54
September	23,000	5.24	5.37	5.70	1.52	1.45	1.61
October	15,000	5.50	5.71	5.84	1.69	1.53	3.44
November	11,000	5.76	5.85	5.96	2.12	1.92	2.30
December	5,000	5.89	6.00	6.09	3.07	2.97	2.36
January	5,000	6.25	6.22	6.21	2.86	2.83	2.72
February	5,000	6.63	6.74	6.78	3.04	2.07	2.71
March	6,500	6.51	6.66	6.66	4.17	3.43	3.36
2006-07							
April	5,000	5.52	5.87	5.98	5.57	4.96	2.02
May	18,500	5.70	6.02	6.34	1.88	1.36	1.69
June	15,000	6.15	6.49	6.77	1.63	1.83	2.11

Note: 182-day TBs were reintroduced with effect from April 2005.

## Foreign Exchange Market

In the foreign exchange market, the Indian rupee depreciated *vis-à-vis* the US dollar during the first quarter of 2006-07. The rupee's weakness could be attributed partly to selling by the foreign institutional investors (FIIs) in equity

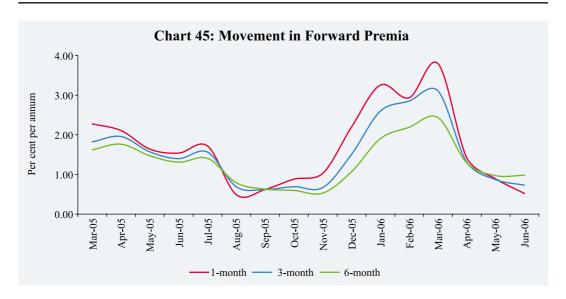




market, continued monetary policy tightening by the US and higher crude oil prices. FIIs have registered outflows of about US \$ 1.8 billion during April-June 2006. The rupee has moved in a range of Rs.44.61– 46.97 per US dollar during 2006-07 so far (up to July 19, 2006) (Chart 44). The exchange rate was Rs.46.97 per US dollar as on July 19, 2006 – a depreciation of 5.0 per cent over its level on March 31, 2006. Over the same period, the rupee also depreciated by 9.3 per cent against the Pound sterling, 7.7 per cent against the Euro and 4.9 per cent against the Japanese yen.

Forward premia declined during the first quarter of 2006-07 in tandem with the narrowing of interest rate differential following easing of domestic money market interest rates coupled with further monetary tightening in the US (Chart 45).

The turnover in the inter-bank as well as merchant segments of the foreign exchange market fell during the first quarter of 2006-07. While inter-bank turnover declined from US \$ 405 billion during March 2006 to US \$ 319 billion in June



2006, the merchant turnover fell from US \$ 141 billion to US \$ 122 billion over the same period (Chart 46). The ratio of inter-bank to merchant turnover was 2.6 during June 2006 (2.9 during March 2006).

### **Credit Market**

Deposit as well as lending rates of banks increased during the first quarter of 2006-07 as banks intensified efforts to mobilise deposits to meet the higher credit demand. Banks increased their deposit rates by about 25-100 basis points across various maturities between March 2006 and June 2006 (Table 36 and

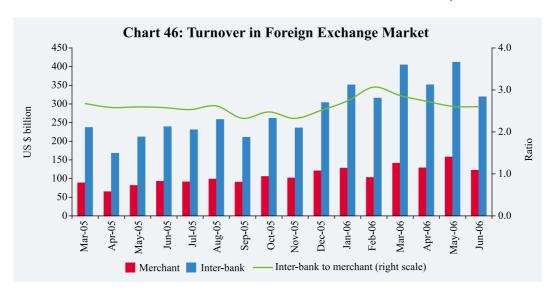
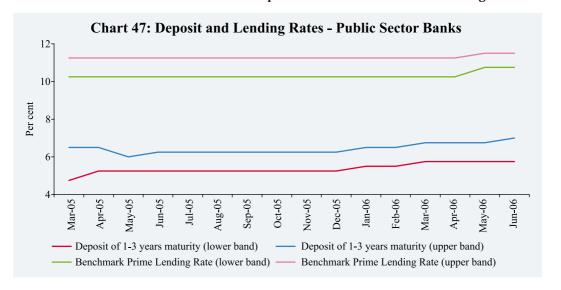


Table 36: Mov	ements in 1	Deposit an	d Lending	Rates	
					(Per cent)
Interest Rate	March 2005	March 2006	April 2006	May 2006	June 2006
1	2	3	4	5	6
1. Domestic Deposit Rate Public Sector Banks					
Up to 1 year	2.75-6.00	2.25-6.50	2.25-6.50	2.75-6.50	2.75-6.50
More than 1 year and up to 3 years	4.75-6.50	5.75-6.75	5.75-6.75	5.75-7.00	5.75-7.00
More than 3 years	5.25-7.00	6.00-7.25	6.00-7.25	6.00-7.25	6.00-7.25
Private Sector Banks					
Up to 1 year	3.00-6.25	3.50-7.25	3.50-7.25	3.50-6.75	3.50-6.75
More than 1 year and up to 3 years	5.25-7.25	5.50-7.75	6.50-7.75	6.50-7.75	6.50-7.75
More than 3 years	5.75-7.00	6.00-7.75	6.00-7.75	6.50-8.25	6.50-8.25
Foreign Banks					
Up to 1 year	3.00-6.25	3.00-5.75	3.00-5.75	3.25-6.50	3.25-6.50
More than 1 year and up to 3 years	3.50-6.50	4.00 - 6.50	4.00 - 6.50	5.00-6.50	5.00-6.50
More than 3 years	3.50-7.00	5.50-6.50	5.50-6.50	5.50-6.75	5.50-6.75
2. Benchmark Prime Lending Rate					
Public Sector Banks	10.25-11.25	10.25-11.25	10.25-11.25	10.75-11.50	10.75-11.50
Private Sector Banks	11.00-13.50	11.00-14.00	11.00-14.00	11.00-14.50	11.00-14.50
Foreign Banks	10.00-14.50	10.00-14.50	10.00-14.50	10.00-14.50	10.00-14.50
3. Actual Lending Rate*					
Public Sector Banks	2.75-16.00	4.00-16.50	_	_	-
Private Sector Banks	3.15-22.00	3.15-20.50	_	-	-
Foreign Banks	3.55-23.50	4.75-26.00	_	-	-

<sup>\*:</sup> Interest rate on non-export demand and term loans above Rs.2 lakh excluding lending rates at the extreme five per cent on both sides.

Chart 47). On the lending side, banks revised upwards their Benchmark Prime Lending Rates (BPLRs) by 25-50 basis points. Public sector banks raised their BPLRs by 25-50 basis points between March 2006 and June 2006; these banks had kept their BPLRs unchanged during 2005-06 while revising upwards their sub-BPLRs. The band of BPLRs for private sector banks and foreign banks



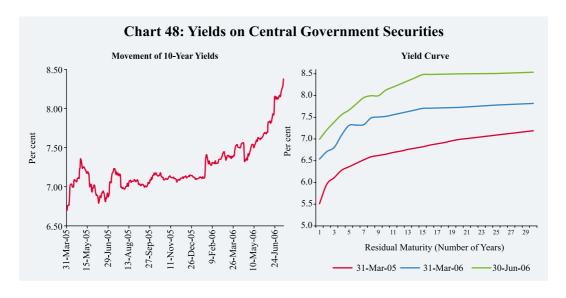
<sup>-:</sup> Not available.

remained wider than that of public sector banks, although for a majority of banks, the BPLRs lie in a relatively narrow range. For instance, more than half of private sector banks (16 out of 30 for which comparative data are available) had BPLRs in a range of 11-12 per cent at end-June 2006, while seven banks had BPLRs in a range of 12-13 per cent and six banks had BPLRs in a range of 10-11 per cent. As regards foreign banks, nine of them had BPLRs in a range of 12-13 per cent, while eight had BPLRs in a range of 13-15 per cent and five each in a range of 10-11 per cent and 11-12 per cent.

#### **Government Securities Market**

The yields in the Government securities market hardened further during the first quarter of 2006-07 (Chart 48). After recording some decline around mid-April 2006, yields moved upwards thereafter reflecting a variety of factors such as sustained credit demand, further monetary policy tightening in the US and in other economies, high and volatile crude oil prices, apprehensions over domestic fuel price hike, hike in the reverse repo and repo rates effective June 9, 2006, expectations of further rate hike and volatility in stock markets. Expected issuances of oil bonds, conversion of recapitalisation bonds into tradable, SLR-Government dated securities and higher Government expenditure in the first two months of 2006-07 also led to hardening of yields. The 10-year yield has increased by 84 basis points during 2006-07 so far: from 7.52 per cent as on March 31, 2006 to 8.36 per cent as on July 19, 2006.

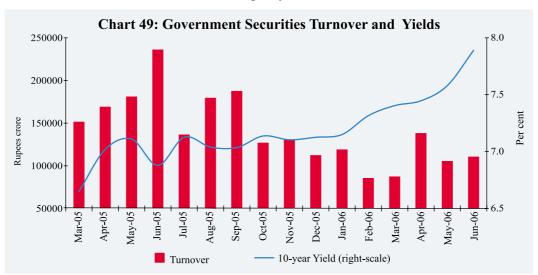
The spread between 1-year and 10-year yields which had narrowed during January-March 2006 (reflecting largely higher rise in yields at short end on account of tightening of liquidity conditions) increased during April-June 2006. The spread

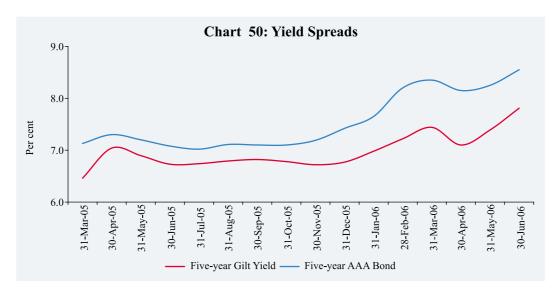


				(Basis points)
Month-end	10 Year-Reverse Repo Rate	10 Year-1 Year	20 Year-10 Year	30 Year-10 Year
1	2	3	4	5
2004-05 ^	164	101	55	77
2005-06 ^	196	106	36	45
April	231	141	46	60
May	197	120	42	75
June	189	111	26	56
July	201	120	48	45
August	209	129	42	44
September	211	124	35	38
October	185	121	40	42
November	183	111	37	48
December	186	91	37	34
January	178	51	30	35
February	186	53	25	30
March	202	98	21	30
2006-07				
April	190	118	40	56
May	218	120	36	52
June	237	113	38	41

between 1-10 year yields increased to 113 basis points at end-June 2006 (from 98 basis points at end-March 2006) but was comparable to that during the first half of 2005-06. The spread between 10-year and 30-year yields also increased to 41 basis points (from 30 basis points at end-March 2006) (Table 37).

The turnover in Government securities has largely remained subdued since the second half of 2005-06 as banks preferred to hold securities, rather than trade, in an environment of hardening of yields (Chart 49).





The yields on 5-year AAA-rated corporate bonds increased during April-June 2006 in tandem with higher yields on Government securities. The yield spread over 5-year Government securities was 74 basis points at end-June 2006, lower than that of 91 basis points at end-March 2006 (Chart 50).

## **Equity Market**

### Primary Market

Resources raised through the public issues segment jumped by 247 per cent during April-May 2006 over the corresponding period of 2005 (Table 38). The average size of public issues increased from Rs.185 crore during April-May 2005 to Rs.686 crore during April-May 2006. All public issues during April-May 2006 were by non-Government public limited companies (private sector) in the form of equity. Out of 15 issues during April-May 2006, nine issues were initial public offerings (IPOs), constituting 93.0 per cent of resource mobilisation, while during the corresponding period of 2005, eight out of 16 issues were IPOs (constituting 13.4 per cent of resource mobilisation).

Mobilisation of resources through private placement increased by 15.5 per cent during 2005-06 as compared with an increase of 30.5 per cent during 2004-05 (Table 38). Resources mobilised by public sector entities (both financial and nonfinancial) increased by 15.9 per cent during 2005-06 as compared with an increase of 5.2 per cent during 2004-05. Public sector entities accounted for 57.2 per cent of total mobilisation through private placement during 2005-06 (almost the same ratio as a year ago). Resources raised by financial intermediaries (both from public sector and private sector) accounted for 68.4 per cent of the total mobilisation through private placement during 2005-06 (55.8 per cent during 2004-05).

			(Amount i	in Rupees crore	
tem	No. of Issues	Amount	No. of Issues	Amount	
1	2	3	4	5	
	2005-0	6 (April-May)	2006-07 (April-May) F		
A. Prospectus and Rights Issues*					
1. Private Sector (a+b)	14	692	15	10,290	
a) Financial	1	45	1	15	
b) Non-financial	13	647	14	10,275	
2. Public Sector (a+b+c)	2	2,270	-		
a) Public Sector Undertakings	-	-	-		
b) Government Companies	-	-	-		
<ul><li>c) Banks/Financial Institutions</li></ul>	2	2,270	-		
3. Total (1+2)	16	2,962	15	10,29	
Of which:					
(i) Equity	15	2,844	15	10,29	
(ii) Debt	1	118	-		
	2	004-05	20	05-06 P	
. Private Placement					
1. Private Sector	717	35,794	944	41,20	
a) Financial	255	20,974	374	26,53	
b) Non-financial	462	14,820	570	14,65	
2. Public Sector	193	47,611	168	55,16	
a) Financial	124	25,531	138	39,39	
b) Non-financial	69	22,080	30	15,76	
3. Total (1+2)	910	83,405	1,112	96,36	
Of which:					
(i) Equity	908	82,822	1,111	96,21	
(ii) Debt	2	583	1	15	
lemo:					
Curo Issues	5	1,573	15	4,614	

During April-May 2006, the resources raised through Euro issues – American Depository Receipts (ADRs), Global Depository Receipts (GDRs) and Foreign Currency Convertible Bonds (FCCBs) – by Indian corporates almost trebled to Rs.4,614 crore as corporates took advantage of buoyant secondary markets to raise funds for their investment activities (Table 38).

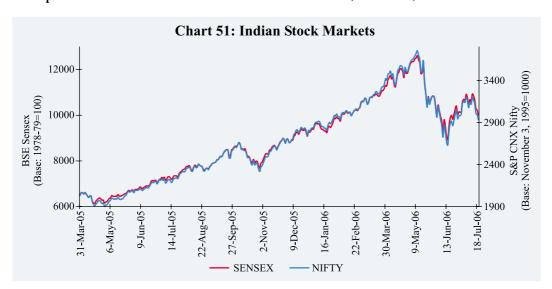
During the first quarter of 2006-07, net mobilisation of funds by mutual funds increased substantially by 264.7 per cent to Rs.52,053 crore reflecting investor interest due to attractive returns in the secondary market (Table 39). Net mobilisation of funds during the first quarter of 2006-07 was almost at the same level as during the full year 2005-06. Net inflows were witnessed in case of both income/debt-oriented schemes and growth/equity-oriented schemes.

### Secondary Market

The domestic stock markets witnessed a mixed trend during the first quarter of 2006-07. Stock markets remained buoyant till May 10, 2006, but

						(Rupees crore			
	April	-March	April-June						
	200	05-06	20	005-06	20	2006-07			
Mutual Fund	Net Mobilisation @	Net Assets #	Net Mobilisation @	Net Assets *	Net Mobilisation @	Net Assets *			
1	2	3	4	5	6	7			
Private Sector	42,977	1,81,515	13,288	1,30,585	43,039	2,11,225			
Public Sector	6,379	20,829	481	11,986	4,825	24,194			
UTI	3,424	29,519	504	21,976	4,189	30,115			
Total	52,780	2,31,862	14,273	1,64,547	52,053	2,65,534			

witnessed large correction in the rest of May 2006 (Chart 51). Both the BSE Sensex and the S&P CNX Nifty closed at all time high levels of 12612 and 3754, respectively, on May 10, 2006, reflecting continuing support from FIIs on the back of strong fundamentals, corporate results, upgradation of India's sovereign credit rating from stable to positive by Standard & Poor and upward trend in major international equity markets. Profits after tax of sample non-financial non-Government companies recorded a growth of more than 40 per cent for 11 successive quarters from October-December 2002 to April-June 2005. Subsequently, growth in profitability has, however, decelerated (Table 40). The stock market witnessed correction beginning from May 11, 2006 mainly due to net sales by FIIs, fears of rising global interest rates, sharp fall in metal prices and fears of higher domestic inflation amidst weak trends in major international equity markets. The BSE Sensex reached 8929 as on June 14, 2006, a decline of 20.8 per cent over end-March 2006. Stock markets, however, recovered some of



	Ta	able 4	0: Cor	porate	Finan	cial Po	erform	ance			
				-					(Gro	wth rate in	per cent)
Item	2003-04	2004-05	2005-06*			2004-05			2005-06		
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4*
1	2	3	4	5	6	7	8	9	10	11	12
Sales	16.0	24.1	17.5	24.8	23.7	24.1	21.0	18.5	16.4	13.2	20.6
Expenditure	13.2	21.9	17.1	23.4	22.4	24.3	19.8	18.0	16.3	12.7	20.3
Gross Profit	25.0	32.5	20.6	36.0	35.8	30.5	35.3	32.0	19.1	21.2	18.1
Interest	-11.9	-5.8	2.9	-3.2	2.1	-13.0	-5.4	-13.5	-8.0	4.6	5.3
Profit After Tax	59.8	51.2	24.1	51.2	45.3	45.5	51.4	54.2	27.5	27.0	15.6
Select Ratios (Per cent)											
Gross Profit to Sales	11.1	11.9	13.4	12.8	13.4	12.3	13.2	13.1	13.0	12.8	13.1
Profit After Tax to Sales	5.9	7.2	9.2	7.7	8.5	8.1	9.4	8.6	8.5	8.6	9.0
Interest Coverage Ratio (nur	nber) 3.3	4.6	6.9	4.8	5.7	6.1	7.5	6.0	6.2	6.2	7.8
Interest to Sales	3.4	2.6	1.9	2.7	2.3	2.0	1.8	2.2	2.1	2.1	1.7
Interest to Gross Profits	30.7	21.8	14.5	20.9	17.5	16.4	13.4	16.6	16.2	16.2	12.9
Memo items									(Amo	unt in Rup	ees crore)
No. of Companies	2214	2214	1410	1255	1353	1464	1301	2355	2361	2366	1624
Sales	4,42,743	5,49,449	6,63,656	1,35,156	1,53,040	1,62,193	1,79,632	1,94,608	2,12,693	2,19,098	2,17,731
Expenditure	4,22,110	5,14,574	5,67,263	1,15,656	1,31,227	1,40,574	1,56,647	1,66,972	1,83,717	1,88,934	1,88,961
Depreciation Provision	20,406	22,697	25,014	5,504	5,836	5,731	6,106	7,137	7,617	7,748	7,265
Gross Profit	49,278	65,301	89,142	17,234	20,448	20,017	23,736	25,577	27,620	28,135	28,545
Interest	15,143	14,268	12,894	3,597	3,584	3,273	3,177	4,241	4,467	4,555	3,669
Profit After Tax	26,182	39,599	60,747	10,396	13,004	13,196	16,798	16,726	18,169	18,790	19,686

<sup>\*:</sup> Data in column (4) and column (12) are provisional.

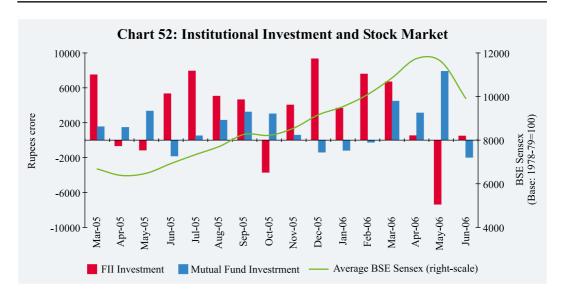
Note: 1. Growth rates are percentage change in the level for the period under reference over the corresponding period of the previous year.

the losses during June 2006 reflecting fresh buying by FIIs, onset of the monsoon and recovery in major international stock markets. The BSE Sensex was 10007 as on July 19, 2006, around 11 per cent below its end-March 2006 level.

According to the Securities and Exchange Board of India (SEBI) data, FIIs invested Rs.522 crore in the Indian stock markets during April 2006 but turned net sellers in May to the extent of Rs.7,354 crore. Reflecting the buying interest, FIIs again invested Rs.480 crore during June 2006. During 2006-07 so far (up to July 14, 2006), FIIs have made net sales of Rs.6,127 crore (US \$ 1.4 billion) as against net purchases of Rs.7,366 crore (US \$ 1.7 billion) during the corresponding period of previous year (Chart 52). On the other hand, mutual funds have made net investments of Rs.8,311 crore in the current financial year so far (up to July 14, 2006), substantially higher than that of Rs.2,231 crore during the corresponding period of last year.

The correction in the stock markets during the first quarter of 2006-07 was across major indices and sectors (Chart 53). On a point-to-point basis (up to July 14, 2006), BSE 500 declined by 10.8 per cent, while BSE Small-cap and BSE Mid-cap registered losses of 19.7 per cent and 18.6 per cent, respectively. Amongst major sectors, public sector undertakings (PSUs) registered loss of 19.6 per cent over end-March 2006 followed by banking (19.0 per cent), capital goods

<sup>2.</sup> Data are based on the audited / unaudited abridged results of the non-financial non-Government companies except column (2) and column (3) which are based on audited balance sheets for 2003-04 and 2004-05, respectively.



(15.0 per cent), consumer durables (14.2 per cent), fast moving consumer goods (11.1 per cent) and IT sector (2.3 per cent).

Reflecting the correction in stock prices, the price-earnings (P/E) ratios declined during the quarter; for instance, the P/E ratio for the 30 scrips included in the BSE Sensex fell from 20.9 at end-March 2006 to 19.4 as on June 30, 2006 (Table 41). The market capitalisation of the BSE declined by 9.9 per cent between end-March 2006 and end-June 2006. Although volatility in the stock market increased, domestic stock markets functioned smoothly without causing any disruption in the financial markets.

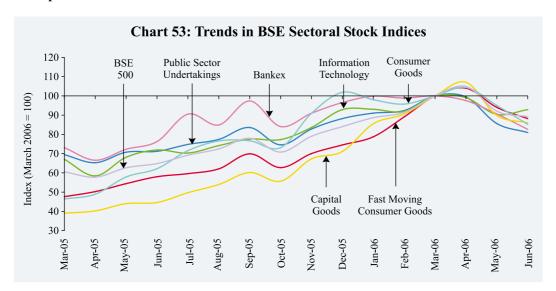


Table 41: Stock Market Indicators										
Indicators			BSE			NS	SE			
	April-	March	April	April-June		March	April-June			
	2004-05	2005-06	2005-06	2006-07	2004-05	2005-06	2005-06	2006-07		
1	2	3	4	5	6	7	8	9		
BSE Sensex / S&P CNX Nifty										
End-period	6493	11280	7194	10609	2036	3403	2221	3128		
Average	5741	8279	6608	11032	1805	2513	2044	3263		
Volatility	11.16	16.72	4.28	9.12	11.28	15.60	4.04	9.62		
P/E Ratio (end-period)*	15.61	20.92	16.03	19.40	14.60	20.26	14.31	18.44		
Turnover (Rupees crore) Market Capitalisation	5,18,716	8,16,074	1,39,648	2,55,320	11,40,071	15,69,556	2,80,917	5,29,831		
(Rupees crore) (end-period)	16,98,429	30,22,191	18,50,377	27,21,677	15,85,585	28,13,210	17,27,502	25,24,659		

<sup>\*:</sup> For 30 scrips included in the BSE Sensex and 50 scrips included in the S&P CNX Nifty. **Source**: The Stock Exchange, Mumbai (BSE) and National Stock Exchange of India Ltd. (NSE).

At the NSE, the total turnover in the cash segment during April-June 2006 at Rs.5,29,831 crore was more than double over the corresponding period of 2005 (Chart 54). The total turnover in the derivative segment during April-June 2006 increased sharply by 202 per cent over the corresponding period of the previous year to Rs.20,37,019 crore.

