

## *VI. The External Economy*

India's balance of payments position continued to remain comfortable during the first half of 2007-08 (April-September), notwithstanding some deceleration in exports and higher growth in non-oil imports. Merchandise exports maintained the growth momentum during April-November 2007, although there was some moderation as compared with the growth rate during April-November 2006. Imports during April-November 2007 posted a high growth rate; oil imports, however, witnessed a sharp deceleration from the strong growth recorded during the corresponding period of the previous year. Net invisibles surplus remained buoyant during the first half of 2007-08, led by higher growth in private transfers and offset a large part of the trade deficit. The current account deficit during April-September 2007 was marginally higher than that during April-September 2006. Net capital inflows were substantially higher than those in the corresponding period of 2006-07, resulting in a sharp increase in foreign exchange reserves of US \$ 85.7 billion during 2007-08 (up to January 18, 2008).

### *International Developments*

Global economic activity remained strong in 2007, although it moderated from very buoyant conditions in 2006. Supported by strong economic conditions in emerging markets, the global economy expanded at a robust pace in the third quarter of 2007 after recording a modest growth in the second quarter (Table 47).

Table 47 : Growth Rates - Global Scenario

(Per cent)											
Region/Country	2005	2006	2007P	2008P	2006				2007		
					Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	2	3	4	5	6	7	8	9	10	11	12
<b>Advanced Economies</b>											
Euro area	1.5	2.8	2.5	2.1	2.2	2.7	2.8	3.3	3.0	2.5	2.7
Japan	1.9	2.2	2.0	1.7	3.0	2.1	1.6	2.2	2.6	1.6	1.9
Korea	4.2	5.0	4.8	4.6	6.3	5.1	4.6	4.0	4.0	5.0	5.2
UK	1.8	2.8	3.1	2.3	2.4	2.7	2.9	3.0	3.0	3.1	3.2
US	3.1	2.9	1.9	1.9	3.3	3.2	2.4	2.6	1.5	1.9	2.8
OECD Countries	2.5	2.9	2.7	2.7	3.2	3.3	2.8	3.1	2.6	2.5	2.9
<b>Emerging Economies</b>											
Argentina	9.2	8.5	7.5	5.5	8.6	7.9	8.7	8.6	8.0	8.7	8.7
Brazil	2.9	3.7	4.4	4.0	3.9	1.1	3.2	4.4	4.3	5.4	5.7
China	10.4	11.1	11.5	10.0	10.3	10.9	10.7	10.7	11.1	11.5	11.5
India	9.0	9.4	8.9	8.4	10.0	9.6	10.2	8.7	9.1	9.3	8.9
Indonesia	5.7	5.5	6.2	6.1	5.0	5.0	5.5	6.1	6.0	6.3	6.5
Malaysia	5.2	5.9	5.8	5.6	6.0	6.1	6.0	5.7	5.3	5.7	6.7
Thailand	4.5	5.0	4.0	4.5	6.1	5.0	4.5	4.3	4.3	4.4	5.1

P : IMF Projections.

**Note** : Data for India in columns 2 and 3 refer to fiscal years 2005-06 and 2006-07, respectively.

**Source** : International Monetary Fund; The Economist; and the OECD.

As regards developed economies, the United States experienced significant economic stress due to the ongoing housing market correction and associated financial market turmoil. However, according to the advance release, there was acceleration in real GDP growth in the US by 0.4 percentage point, on a year-on-year basis, to 2.8 per cent in the third quarter of 2007, primarily on account of acceleration in exports, personal consumption expenditure (PCE) and private inventory investment that was partly offset by an upturn in imports, a larger decrease in residential fixed investment and a deceleration in non-residential structures. In Japan, economic activity continued to recover in 2007, supported by domestic demand and strong exports. The Japanese economy witnessed acceleration of 0.3 percentage

point in real GDP growth in the third quarter, on a year-on-year basis, attributable to rise in demand both at home and abroad. In the United Kingdom, according to preliminary estimates, real GDP growth remained robust at 3.2 per cent during the third quarter of 2007 mainly on account of firm household consumption and gross fixed capital formation growth. The sustained economic growth experienced in the euro area in the first half of 2007 continued through the third quarter, attributable to consumption growth in line with developments in real disposable income, as continued employment growth provided supportive conditions. Furthermore, continued strong external demand provided support to euro area exports and investment.

In emerging Asia, economic activity continued to be resilient, especially in the larger economies of the region. In China, in particular, the economy expanded at a strong pace with real GDP growing at an annual rate of 11.5 per cent in the third quarter of 2007.

According to the projections made by the IMF (World Economic Outlook, October 2007), the growth rate of the global economy is likely to moderate to 5.2 per cent in 2007 and 4.8 per cent in 2008 from 5.4 per cent in 2006 (Table 48). The extent of the likely impact of housing slowdown in the US on the

global economy is still unclear. However, a global economic slowdown of modest nature, as is widely predicted, cannot be ruled out. Risks to the global outlook, however, are firmly on the downside, centred around the concern that financial market strains could deepen and trigger a more pronounced global slowdown. Additional risks to the outlook include potential inflation pressures arising from commodity price rise and volatile oil markets and the impact of likely stronger foreign exchange inflows on emerging markets.

Table 48 : Select Economic Indicators - World

Item	2001	2002	2003	2004	2005	2006	2007P	2008P
1	2	3	4	5	6	7	8	9
<b>I. World Output (Per cent change) #</b>	2.5	3.1	4.0	5.3	4.8	5.4	5.2	4.8
	(1.5)	(1.9)	(2.6)	(3.9)	(3.3)	(3.8)	(3.5)	(3.3)
i) Advanced economies	1.2	1.6	1.9	3.2	2.5	2.9	2.5	2.2
ii) Other emerging market and developing countries of which: Developing Asia	4.3	5.1	6.7	7.7	7.5	8.1	8.1	7.4
	6.0	7.0	8.3	8.8	9.2	9.8	9.8	8.8
<b>II. Consumer Price Inflation (Per cent)</b>								
i) Advanced economies	2.1	1.5	1.8	2.0	2.3	2.3	2.1	2.0
ii) Other emerging market and developing countries of which: Developing Asia	6.5	5.7	5.7	5.4	5.2	5.1	5.9	5.3
	2.7	2.0	2.5	4.1	3.6	4.0	5.3	4.4
<b>III. Net Capital Flows* (US \$ billion)</b>								
i) Net private capital flows (a+b+c)**	80.6	90.1	168.3	239.4	271.1	220.9	495.4	291.3
a) Net private direct investment	185.9	154.7	164.4	191.5	262.7	258.3	302.2	293.9
b) Net private portfolio investment	-79.8	-91.3	-11.7	21.1	23.3	-111.9	20.6	-93.1
c) Net other private capital flows	-25.8	26.0	14.5	25.1	-17.0	73.6	171.0	88.8
ii) Net official flows	0.1	-2.7	-48.7	-67.2	-146.4	-165.8	-132.1	-141.2
<b>IV. World Trade @</b>								
i) Volume	0.2	3.5	5.5	10.8	7.5	9.2	6.6	6.7
ii) Price deflator (in US dollars)	-3.5	1.2	10.4	9.5	5.7	4.8	7.0	2.4
<b>V. Current Account Balance (Per cent to GDP)</b>								
i) US	-3.8	-4.4	-4.8	-5.5	-6.1	-6.2	-5.7	-5.5
ii) China	1.3	2.4	2.8	3.6	7.2	9.4	11.7	12.2
iii) Middle East	6.3	4.8	8.3	11.7	19.4	19.7	16.7	16.0

P : IMF Projections.

# : Growth rates are based on exchange rates at purchasing power parities. Figures in parentheses are growth rates at market exchange rates. Please also see 'Note'.

\* : Net capital flows to emerging market and developing countries.

\*\* : On account of data limitations, flows listed under 'Net private capital flows' may include some official flows.

@ : Average of annual percentage change for world exports and imports of goods and services.

Note : The IMF has revised downward its estimates for global growth by around 0.5 percentage point each year during 2002-07, based on new statistical calculations of purchasing power parity (PPP) exchange rates published in December 2007 by the International Comparison Programme (ICP). Thus, the IMF's estimate for growth in 2007 has been revised down to 4.7 per cent from 5.2 per cent.

Source : World Economic Outlook, October 2007, International Monetary Fund.

As per the IMF projections, growth in world trade is expected to moderate to 6.6 per cent in volume terms in 2007 from 9.2 per cent in the preceding year (see Table 48). Exports of other emerging market and developing countries are projected to grow by 9.2 per cent in 2007 (11.0 per cent a year ago), while those of advanced countries are expected to grow by 5.4 per cent (8.2 per cent a year ago).

World exports (in US dollar terms) in the first nine months of 2007 (January-September) posted a growth of 13.8 per cent (14.6 per cent a year ago), with industrial countries registering a growth of 13.1 per cent (10.9 per cent a year ago). Developing countries witnessed a moderation in export growth at 15.7 per cent during January-October 2007 as compared with 19.2 per cent registered a year ago (Table 49).

## Merchandise Trade

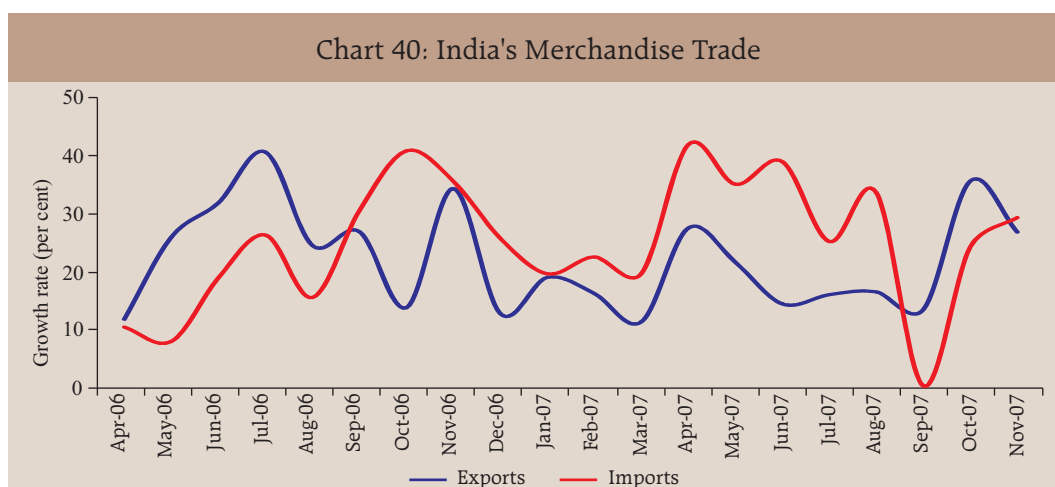
As per the provisional data released by the Directorate General of Commercial Intelligence and Statistics (DGCI&S), India's merchandise exports posted a growth of 21.9 per cent during April-November 2007, moderating from the growth of 26.2 per cent during the corresponding period of 2006-07. Growth in imports at 26.9 per cent was marginally lower than that of 27.4 per cent recorded a year ago (Chart 40). Non-oil imports recorded a substantial increase of 35.3 per cent (21.3 per cent a year ago) and contributed about 88 per cent to overall import growth. Oil imports during April-November 2007 showed a sharp deceleration in growth (9.8 per cent as against 42.0 per cent in April-November 2006). Merchandise trade deficit during April-November 2007 aggregated US \$ 52.8 billion, an increase of US \$ 14.3 billion over a year ago (US \$ 38.5 billion).

Table 49 : Growth in Exports - Global Scenario

Region/ Country	2005	2006	(Per cent)	
			2006	2007
			January-October	
1	2	3	4	5
<b>World</b>	<b>14.0</b>	<b>15.6</b>	<b>14.6 *</b>	<b>13.8 *</b>
<b>Industrial Countries</b>	<b>8.5</b>	<b>12.6</b>	<b>10.9 *</b>	<b>13.1 *</b>
USA	10.8	14.5	14.8	11.9
France	3.8	10.1	10.4	10.4
Germany	7.3	15.1	11.0 *	18.9 *
Japan	5.2	9.2	8.1	8.9
<b>Developing Countries</b>	<b>22.0</b>	<b>19.5</b>	<b>19.2</b>	<b>15.7</b>
<b>Non-Oil Developing Countries</b>	<b>19.3</b>	<b>19.9</b>	<b>19.6</b>	<b>17.1</b>
China	28.4	27.2	26.8	26.5
India	29.9	21.3	22.1 #	19.5 #
Indonesia	22.9	19.0	19.1	14.2
Korea	12.0	14.4	14.6 #	14.1 #
Malaysia	12.0	14.0	13.2	9.1
Singapore	15.6	18.4	20.1	9.7
Thailand	14.5	18.7	17.8	16.7

\* : January-September # : January-November.

Source: International Financial Statistics, International Money Fund; DGCI&S for India.



Commodity-wise data available for April-September 2007 show that petroleum products, engineering goods, and gems and jewellery remained as the drivers of export growth, together constituting about 67 per cent of the overall export growth. With the exception of gems and jewellery which showed an increase (21.2 per cent as against a decline of 1.0 per cent during

April-September 2006), all the other major commodity groups recorded deceleration (Table 50).

Destination-wise, the US continued to be the major market for India's exports during 2007-08, though its share declined from 15.3 per cent in April-September 2006 to 13.7 per cent in April-September 2007. The US was followed by the UAE (10.3 per cent), China (5.3 per cent), the

Table 50 : Exports of Principal Commodities

Commodity Group	US \$ billion			Variation (per cent)		
	2006-07	2006-07	2007-08	2006-07	2006-07	2007-08
		April-September			April-September	
1	2	3	4	5	6	7
<b>1. Primary Products</b>	<b>19.7</b>	<b>8.5</b>	<b>9.8</b>	<b>20.2</b>	<b>18.4</b>	<b>15.3</b>
<i>of which:</i>						
a) Agriculture and Allied Products	12.7	5.6	6.4	24.2	24.0	15.1
b) Ores and Minerals	7.0	2.9	3.4	13.6	8.8	15.7
<b>2. Manufactured Goods</b>	<b>84.9</b>	<b>40.9</b>	<b>46.7</b>	<b>17.0</b>	<b>18.3</b>	<b>14.1</b>
<i>of which:</i>						
a) Chemicals and Related Products	17.3	8.3	9.2	17.4	22.0	11.4
b) Engineering Goods	29.6	14.0	16.9	36.1	37.8	20.8
c) Textiles and Textile Products	17.4	8.6	8.7	5.9	11.6	1.3
d) Gems and Jewellery	16.0	7.7	9.4	2.9	-1.0	21.2
<b>3. Petroleum Products</b>	<b>18.7</b>	<b>10.0</b>	<b>12.6</b>	<b>60.5</b>	<b>103.5</b>	<b>26.8</b>
<b>4. Total Exports</b>	<b>126.4</b>	<b>61.1</b>	<b>71.9</b>	<b>22.6</b>	<b>27.3</b>	<b>17.6</b>

*Memo:*

Non-oil Exports	107.7	51.2	59.3	17.7	18.6	15.8
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Source: DGCIS.

UK (4.3 per cent) and Singapore (4.2 per cent). Among the major regions, India's exports to European Union (EU) showed accelerated growth, while exports to North America, OPEC and developing countries showed moderation during April-September 2007 (Table 51).

Commodity-wise details on imports available for April-September 2007 revealed that capital goods and gold and silver were the main drivers of growth in non-oil imports. Capital goods increased by 26.9 per cent while imports of gold and silver increased by 71.0 per cent over April-September 2006. Non-oil imports net of gold and silver increased at an accelerated pace of 28.2 per cent (19.2 per cent during April-September 2006). During the period, while the share of capital goods, and metalliferous ores and metal scrap in imports growth declined, the contribution of gold and silver, coal,

coke and briquettes, pearls, precious and semi-precious stones, chemicals, and iron and steel showed increase (Table 52).

Source-wise, China was the major source of imports in April-September 2007, accounting for 11.2 per cent of total imports (oil *plus* non-oil imports), followed by Saudi Arabia (7.2 per cent), the US (5.8 per cent), Switzerland (5.6 per cent), the UAE (5.5 per cent), Iran (4.2 per cent) Australia (4.0 per cent) and Germany (3.8 per cent).

Trade deficit during April-November 2007 widened to US \$ 52.8 billion, an increase of US \$ 14.3 billion over the corresponding period a year ago (US \$ 38.5 billion) (Table 53). Trade deficit on the oil account increased by US \$ 2.3 billion during April-September 2007 to reach US \$ 22.0 billion, while non-oil trade deficit increased by US \$ 11.1 billion to US \$ 17.7 billion.

Table 51 : Direction of India's Exports

Group/Country	US \$ billion			Variation (per cent)		
	2006-07	2006-07	2007-08	2006-07	2006-07	2007-08
		April-September			April-September	
1	2	3	4	5	6	7
<b>1. OECD Countries</b>	<b>52.0</b>	<b>25.0</b>	<b>28.3</b>	<b>13.5</b>	<b>16.1</b>	<b>13.3</b>
<i>of which:</i>						
a) European Union	25.8	12.2	14.6	15.1	16.8	19.7
b) North America	20.0	10.0	10.4	8.7	14.7	4.9
US	18.9	9.4	9.9	8.7	14.7	5.0
<b>2. OPEC</b>	<b>20.7</b>	<b>10.4</b>	<b>12.5</b>	<b>35.8</b>	<b>55.8</b>	<b>19.7</b>
<i>of which:</i>						
UAE	12.0	6.2	7.4	40.0	65.2	19.7
<b>3. Developing Countries</b>	<b>49.9</b>	<b>24.5</b>	<b>29.3</b>	<b>25.5</b>	<b>30.6</b>	<b>19.7</b>
<i>of which:</i>						
Asia	36.7	18.2	21.0	18.5	24.7	15.2
People's Republic of China	8.3	3.4	3.8	22.7	18.8	9.8
Singapore	6.1	3.5	3.0	11.9	30.1	-13.1
<b>4. Total Exports</b>	<b>126.4</b>	<b>61.1</b>	<b>71.9</b>	<b>22.6</b>	<b>27.3</b>	<b>17.6</b>

Source : DGCI&S.

Table 52 : Imports of Principal Commodities

Commodity Group	US \$ billion			Variation (per cent)		
	2006-07	2006-07	2007-08	2006-07	2006-07	2007-08
		April-September			April-September	
1	2	3	4	5	6	7
Petroleum, Petroleum Products and Related Material	57.1	29.6	34.6	30.0	41.2	16.9
Edible Oil	2.1	1.0	1.4	4.2	-11.8	32.9
Iron and Steel	6.4	2.9	4.4	40.5	16.9	52.8
Capital Goods	47.1	19.8	25.1	25.0	39.1	26.9
Pearls, Precious and Semi-Precious Stones	7.5	3.6	4.7	-18.0	32.8	30.6
Chemicals	7.8	3.9	4.7	12.1	9.5	21.4
Gold and Silver	14.6	6.7	11.5	29.4	-3.1	71.0
<b>Total Imports</b>	<b>185.7</b>	<b>87.4</b>	<b>111.6</b>	<b>24.5</b>	<b>23.5</b>	<b>27.7</b>
<i>Memo:</i>						
Non-oil Imports	128.6	57.8	77.0	22.2	16.1	33.2
Non-oil Imports excluding Gold and Silver	114.0	51.1	65.5	21.4	19.2	28.2
Mainly Industrial Inputs*	104.7	47.2	60.1	19.6	19.5	27.4

\* : Non-oil imports net of gold and silver, bulk consumption goods, manufactured fertilisers and professional instruments.

Source : DGCI&S.

## Current Account

Net surplus under invisibles (services, transfers and income taken together) was higher at US \$ 31.7 billion in April-September 2007 (US \$ 23.4 billion in April-September 2006), reflecting mainly the rise in remittances from the overseas Indians, higher interest income on

reserves and relatively moderate rise in payments of business services (Table 54). Growth in invisible receipts as well as invisible payments decelerated in April-September 2007 mainly on account of deceleration in exports of software and business services. The major components of invisible payments were

Table 53 : India's Merchandise Trade

Item	(US \$ billion)			
	2005-06	2006-07	2006-07	2007-08
			April-November	
1	2	3	4	5
Exports	103.1	126.4	80.6	98.3
Imports	149.2	185.7	119.1	151.1
Oil	44.0	57.1	39.4	43.3
Non-oil	105.2	128.6	79.7	107.8
Trade Balance	-46.1	-59.4	-38.5	-52.8
Non-Oil Trade Balance	-13.8	-20.9	-11.9	..
Variation (per cent)				
Exports	23.4	22.6	26.2	21.9
Imports	33.8	24.5	27.4	26.9
Oil	47.3	30.0	42.0	9.8
Non-oil	28.8	22.2	21.3	35.3

.. : Not Available.

Source : DGCI&S.

Table 54 : Invisibles Account (Net)

(US \$ million)							
Item	2006-07 PR	2006-07 PR			2007-2008		
	April-March	April-June	July-Sept.	April-Sept.	April-June PR	July-Sept. P	April-Sept. P
1	2	3	4	5	6	7	8
Services	31,810	7,579	6,918	14,497	8,029	6,660	14,689
Travel	2,438	220	-16	204	207	169	376
Transportation	-18	-282	32	-250	-639	-675	-1,314
Insurance	560	109	161	270	232	81	313
Government, not included elsewhere	-153	-39	-61	-100	-16	-62	-78
Software	29,033	6,624	6,716	13,340	7,884	7,213	15,097
Other Services	-50	947	86	1,033	361	-66	295
Transfers	28,168	6,873	5,385	12,258	8,327	10,116	18,443
Investment Income	-6,018	-1,367	-1,668	-3,035	-801	-440	-1,241
Compensation of Employees	-555	-133	-153	-286	-62	-141	-203
<b>Total</b>	<b>53,405</b>	<b>12,952</b>	<b>10,482</b>	<b>23,434</b>	<b>15,493</b>	<b>16,195</b>	<b>31,688</b>

PR : Partially Revised

P : Preliminary.

travel payments, transportation, business service payments such as business and management consultancy, engineering and other technical services, and dividend and profit payments.

The net invisible surplus offset a large part of the trade deficit (74.7 per cent during April-September 2007 as compared with 69.4 per cent during April-September 2006). Despite large

merchandise trade deficit, the higher net invisible surplus, mainly emanating from private transfers, contained the current account deficit at US \$ 10.7 billion in the first half of 2007-08 (US \$10.3 billion in April-September 2006) (Chart 41 and Table 55). Net of remittances, the current account deficit was US \$ 29.1 billion during April-September 2007 (US \$ 22.6 billion a year ago).

Chart 41: Movement in Current Account Balance

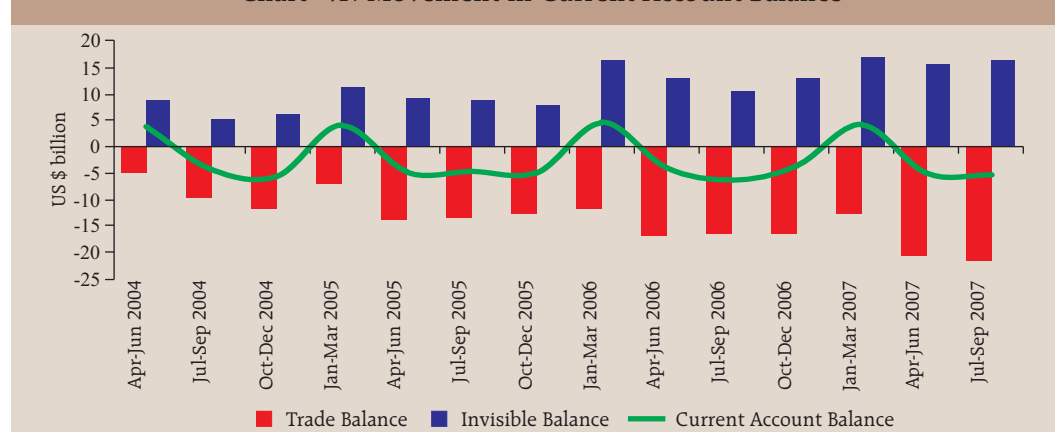




Table 55 : India's Balance of Payments

(US \$ million)							
Item	2006-07 PR	2006-07 PR			2007-2008		
	April-March	April-June	July-Sept.	April-Sept.	April-June PR	July-Sept. P	April-Sept. P
1	2	3	4	5	6	7	8
Exports	128,083	29,614	31,836	61,450	35,790	37,875	73,665
Imports	191,254	46,631	48,593	95,224	56,480	59,586	116,066
Trade Balance	-63,171	-17,017	-16,757	-33,774	-20,690	-21,711	-42,401
	(-6.9)						
Invisible Receipts	115,074	24,946	24,953	49,899	29,379	32,213	61,592
Invisible Payments	61,669	11,994	14,471	26,465	13,886	16,018	29,904
Invisibles, net	53,405	12,952	10,482	23,434	15,493	16,195	31,688
	(5.8)						
Current Account	-9,766	-4,065	-6,275	-10,340	-5,197	-5,516	-10,713
	(-1.1)						
Capital Account (net)*	46,372	10,444	8,545	18,989	16,397	34,752	51,149
<i>of which:</i>							
Foreign Direct Investment	8,479	1,579	2,912	4,491	1,738	2,142	3,880
Portfolio Investment	7,062	-506	2,150	1,644	7,458	10,876	18,334
External Commercial Borrowings +	16,155	3,974	1,761	5,735	6,963	3,594	10,557
Short-term Trade Credit	6,612	1,182	2,683	3,865	2,153	3,558	5,711
External Assistance	1,767	49	337	386	276	453	729
NRI Deposits	4,321	1,302	908	2,210	-447@	369	-78
Change in Reserves #	-36,606	-6,379	-2,270	-8,649	-11,200	-29,236	-40,436
<i>Memo:</i>							
<b>Current Account net of Private Transfers</b>	<b>-37,707</b>	<b>-10,959</b>	<b>-11,646</b>	<b>-22,605</b>	<b>-13,537</b>	<b>-15,596</b>	<b>29,133</b>
	<b>(-4.1)</b>						

P : Preliminary. PR : Partially Revised.  
\* : Includes errors and omissions. # : On balance of payments basis (excluding valuation); (-) indicates increase.  
+ : Medium and long-term borrowings. @ : Includes Non-resident Rupee Deposits for April-June 2007.  
**Note** : Figures in parentheses are percentages to GDP.

## Capital Flows

During the financial year 2007-08 (up to November 2007), various components of foreign investment in India recorded increased inflows. The inflows under foreign direct investment (FDI) were US \$ 13.8 billion during April-November 2007 as against US \$ 10.1 billion during the corresponding period of the previous year (Table 56). Source-wise data on FDI to India revealed that Mauritius was the largest source of FDI during April-November 2007, followed by Singapore and the US.

Net inflows by foreign institutional

investors (FIIs) aggregated to US \$ 26.8 billion during the current financial year so far (up to January 11, 2008). The number of FIIs registered with the SEBI increased from 997 at end-March 2007 to 1,219 at end-December 2007. Capital inflows on account of American depository receipts (ADRs)/global depository receipts (GDRs) amounted to US \$ 5.7 billion during April-November 2007.

During the current financial year 2007-08 (April-September), the inflows (net) under external commercial borrowings (ECBs) amounted to US \$ 10.6 billion. Net short-term trade credit

Table 56 : Capital Flows

(US \$ million)			
Item	Period	2006-07	2007-08
1	2	3	4
Foreign Direct Investment into India	April-November	10,113	13,783
FII's ( net)	April-January *	2,491	26,807
ADRs/GDRs	April-November	1,850	5,674
External Assistance (net)	April-September	386	729
External Commercial Borrowings (net) (Medium and long-term)	April-September	5,735	10,557
Short-term Trade Credits (net)	April-September	3,865	5,711
NRI Deposits (net)	April-November	2,971	-433

\* : Up to January 11.  
**Note** : Data on FIIs presented in this table represent inflows into the country. They may differ from data relating to net investment in stock exchanges by FIIs.

was US \$ 5.7 billion (inclusive of suppliers' credit up to 180 days) in April-September 2007. Out of total short-term trade credit, the suppliers' credit up to 180 days amounted to US \$ 1.9 billion during April-September 2007.

Non-Resident Indian (NRI) deposits recorded a net outflow of US \$ 433 million during April-November 2007. Although there were inflows under Foreign Currency Non-Resident (Banks) [FCNR(B)] deposits and Non-Resident Ordinary Rupee (NRO) account schemes, there were outflows under Non-Resident External Rupee Account [NR(E)RA] deposits scheme.

With net capital flows being substantially higher than the current account deficit, the overall balance of payments recorded a surplus of US \$ 40.4 billion during April-September 2007 (US \$ 8.6 billion during April-September 2006).

In response to net capital flows remaining well in excess of the current

account financing need, a multi-pronged approach has been followed in India to deal with such flows. The policy responses have included, *inter alia*, liberalisation of capital outflows for residents, modulation of interest rates on non-resident deposits along with increase in minimum maturities, prepayments of external loans, and greater flexibility in exchange rate movements. Sterilisation operations through the use of the cash reserve ratio and open market operations, including the liquidity adjustment facility and the market stabilisation scheme, have also been used to manage capital flows.

A survey of major EMEs, such as Brazil, China and Russia shows that central banks in all these countries intervene in the foreign exchange markets. These EMEs sterilise their foreign exchange intervention, either fully or partially. With regard to monetary policy, different instruments are used, including increase in reserve requirements, restrictions on bank credit and other traditional

monetary policy instruments designed to maintain low inflation and price stability. With respect to capital account management, different countries have initiated measures to increase outflows; in some cases inflows have also been restricted.

### Foreign Exchange Reserves

India's foreign exchange reserves were US \$ 284.9 billion as on January 18, 2008, showing an increase of US \$ 85.7 billion over end-March 2007. The increase in reserves was mainly due to an increase in foreign currency assets from US \$ 191.9 billion during end-March 2007 to US \$ 276.1 billion as on January 18, 2008 (Table 57).

India holds the third largest stock of reserves among the emerging market economies after China and Russia. The overall approach to the management of India's foreign exchange reserves in recent years reflects the changing composition of the balance of payments

and the 'liquidity risks' associated with different types of flows and other requirements. Taking these factors into account, India's foreign exchange reserves continued to be at a comfortable level and consistent with the rate of growth, the share of external sector in the economy and the size of risk-adjusted capital flows.

### External Debt

India's total external debt was placed at US \$ 190.5 billion at end-September 2007, recording an increase of US \$ 20.9 billion (12.3 per cent) over end-March 2007 (Table 58). The increase in external debt during the period was mainly on account of higher external commercial borrowings, followed by higher short-term trade credit and NRI deposits. The increase in outstanding debt to an extent was also due to a positive valuation impact (around US \$ 5 billion), reflecting the depreciation of the US dollar *vis-à-vis* other major

Table 57 : Foreign Exchange Reserves

(US \$ million)					
Month	Gold	SDR	Foreign Currency Assets	Reserve Position in the IMF	Total (2+3+4+5)
1	2	3	4	5	6
March 1995	4,370	7	20,809	331	25,517
March 2000	2,974	4	35,058	658	38,694
March 2005	4,500	5	135,571	1,438	141,514
March 2006	5,755	3	145,108	756	151,622
March 2007	6,784	2	191,924	469	199,179
April 2007	7,036	11	196,899	463	204,409
May 2007	6,911	1	200,697	459	208,068
June 2007	6,787	1	206,114	460	213,362
July 2007	6,887	12	219,753	455	227,107
August 2007	6,881	2	221,509	455	228,847
September 2007	7,367	2	239,955	438	247,762
October 2007	7,811	13	256,427	441	264,692
November 2007	8,357	3	264,725	435	273,520
December 2007	8,328	3	266,553	432	275,316
January 2008*	8,328	3	276,134	433	284,898

\* : As on January 18, 2008.

Table 58 : India's External Debt

(US \$ million)						
Item	End-March 1995	End-March 2005	End-March 2006	End-March 2007	End-June 2007	End-Sept. 2007
1	2	3	4	5	6	7
1. Multilateral	28,542	31,744	32,620	35,337	36,058	37,067
2. Bilateral	20,270	17,034	15,761	16,062	15,841	16,659
3. International Monetary Fund	4,300	0	0	0	0	0
4. Trade Credit (above 1 year)	6,629	5,022	5,450	7,083	7,747	8,505
5. External Commercial Borrowings	12,991	26,405	26,415	41,722	47,729	51,770
6. NRI Deposit	12,383	32,743	36,282	41,240	42,603	43,643
7. Rupee Debt	9,624	2,302	2,032	1,946	2,032	2,081
8. Long-term (1 to 7)	94,739	115,250	118,560	143,390	152,010	159,725
9. Short-term	4,269	17,723	19,569	26,239	28,568	30,791
<b>Total (8+9)</b>	<b>99,008</b>	<b>132,973</b>	<b>138,129</b>	<b>169,629</b>	<b>180,578</b>	<b>190,516</b>
Memo : (per cent)						
Total debt /GDP	30.8	18.6	17.3	17.9	..	..
Short-term/Total debt	4.3	13.3	14.2	15.5	15.8	16.2
Short-term debt/Reserves	16.9	12.5	12.9	13.2	13.4	12.4
Concessional debt/Total debt	45.3	30.9	28.6	23.3	21.9	21.4
Reserves/ Total debt	25.4	106.4	109.8	117.4	118.2	130.0
Debt Service Ratio*	25.9	6.1	9.9	4.8	4.6	4.5

\* : Relates to the fiscal year. .. : Not Available.

international currencies. About 52.8 per cent of the external debt stock was denominated in US dollars followed by the Indian rupee (17.6 per cent), Japanese yen (11.5 per cent) and SDR (11.1 per cent). The coverage of short-term debt has been made more comprehensive with the inclusion of (i) suppliers' credits up to 180 days and (ii) investment by Foreign Institutional Investors (FII) in short-term debt instruments, beginning with the quarter ended March 2005. As a result, the short-term debt at end-June 2007 was revised to US \$ 28.6 billion from US \$ 13.0 billion (preliminary). As at end-September 2007, short-term debt increased to US \$ 30.8 billion, accounting for 16.2 per cent of the total external debt. Among the debt

sustainability indicators, the ratio of short-term to total debt increased between end-March 2007 and end-September 2007 while the ratio of short-term debt to reserves declined over the same period. Foreign exchange reserves remained in excess of the stock of external debt at end-September 2007.

### International Investment Position

India's net international liabilities increased by US \$ 15.5 billion between end-March 2007 and end-June 2007, as the increase in international liabilities (US \$ 31.6 billion) exceeded the increase in international assets (US \$ 16.1 billion) (Table 59). While the increase in the liabilities was mainly due to large capital inflows under portfolio investments,

Table 59 : International Investment Position of India

(US \$ billion)					
Item	March 2004 R	March 2005 PR	March 2006 PR	March 2007 PR	June 2007 PR
1	2	3	4	5	6
<b>A. Assets</b>	<b>136.0</b>	<b>166.8</b>	<b>182.8</b>	<b>243.6</b>	<b>259.7</b>
	(21.3)	(23.3)	(22.9)	(25.7)	..
1. Direct Investment	7.8	10.0	13.0	24.0	29.4
2. Portfolio Investment	0.4	0.5	1.0	0.8	0.8
2.1 Equity Securities	0.2	0.3	0.5	0.4	0.4
2.2 Debt securities	0.2	0.2	0.5	0.4	0.4
3. Other Investment	14.8	14.8	17.2	19.6	16.2
3.1 Trade Credits	0.5	1.1	-0.3	2.5	1.9
3.2 Loans	1.7	1.9	2.6	2.6	2.0
3.3 Currency and Deposits	9.5	8.4	11.6	10.3	8.1
3.4 Other Assets	3.1	3.4	3.3	4.2	4.2
4. Reserve Assets	113.0	141.5	151.6	199.2	213.4
	(17.7)	(19.8)	(19.0)	(21.0)	..
<b>B. Liabilities</b>	<b>183.2</b>	<b>210.8</b>	<b>232.0</b>	<b>290.6</b>	<b>322.2</b>
	(29.0)	(29.5)	(29.0)	(30.7)	..
1. Direct Investment	38.2	44.5	51.1	72.3	83.0
	(6.0)	(6.2)	(6.4)	(7.6)	..
2. Portfolio Investment	43.7	56.0	64.6	79.2	93.5
	(6.9)	(7.8)	(8.1)	(8.4)	..
2.1 Equity Securities	33.9	43.2	54.7	63.3	75.2
2.2 Debt securities	9.8	12.8	9.9	15.9	18.3
3. Other Investment	101.3	110.3	116.3	139.1	145.7
	(16.1)	(15.5)	(14.6)	(14.7)	..
3.1 Trade Credits	6.3	9.6	10.5	13.7	14.7
3.2 Loans	61.9	65.9	67.9	82.2	86.0
3.3 Currency and Deposits	32.2	33.6	37.3	42.3	43.8
3.4 Other Liabilities	1.0	1.2	0.6	0.9	1.2
<b>C. Net Position (A-B)</b>	<b>-47.2</b>	<b>-44.0</b>	<b>-49.2</b>	<b>-47.0</b>	<b>-62.5</b>
	(-7.6)	(-6.2)	(-6.2)	(-5.0)	..

PR : Partially Revised. P : Provisional. .. : Not Available.

Note : Figures in parentheses represent percentage to GDP.

direct investments and external commercial loans, the increase in international assets was on account of an increase of US \$ 14.2 billion in reserve assets between end-March 2007 and end-June 2007, followed by direct investment abroad (US \$ 5.4 billion).

International liabilities reflected increases in direct and portfolio investment at end-June 2007 from their levels in end-March 2007. A major part of the liabilities like direct and portfolio investment reflects cumulative inflows, which are at historical prices.