

## CHAPTER 8

### Foreign Trade and Balance of Payments

The year 1982-83 saw continuing strain in the **balance of payments situation** reflecting the persistent nature of external payments difficulties facing the economy. The main features of the external payments difficulties were noted in last year's Economic Survey. They included the sharp rise in the prices of essential imports, especially of POL which occurred in 1979 and 1980, the prevalence of recessionary trends in our export markets since 1980 and the slow-down in remittances. The full impact of the rise in import prices was first felt in 1980-81 when the trade deficit amounted to Rs. 5813 crores. In 1981-82 the trade deficit was contained to Rs. 5841 crores (provisional). It is expected that there will be a further improvement in 1982-83.

8.2 Since the availability of external resources remains limited, it is extremely important to continue and intensify the adjustment efforts aimed at achieving a viable balance of payments position. In the short run, however, there is no option but to finance the balance of payments deficits, if unacceptable cut backs in development plan and economic growth are to be avoided. It is for this reason that the Government had entered into an arrangement with the IMF under the Extended Fund Facility which entitles India to draw up to SDR 5 billion over a period of four fiscal years from 1981-82 to 1984-85. An amount of SDR 600 million (Rs. 636.77 crores) was drawn under this arrangement during the fiscal year 1981-82 and it is expected that an amount of SDR 1800 million (Rs. 1880 crores) will be drawn during 1982-83. The availability of these resources has provided time for implementing a more broad ranging adjustments under which the current account deficit as a proportion of GDP can be reduced substantially. A major effort has been launched to achieve this objective through a programme of investment in oil and other crucial sectors of the economy, reducing the requirements of bulk imports and through measures designed to achieve more dynamic export performance in future.

#### Balance of Payments and Foreign Exchange Reserves

8.3 The balance of payments data as compiled by the Reserve Bank are not available beyond 1980-81.

However, the broad movements in the balance of payments position can be inferred from available data on India's foreign trade, partial information on invisibles and known capital flows.

8.4 Provisional data on foreign trade show that the trade deficit during 1982-83 is likely to be lower than the level reached in 1981-82. Although the reduction is a welcome indicator of improvement, the magnitude of the trade deficit will remain large and this is an area of concern. Available evidence suggests that there was a substantial decline in the flows of net invisibles in 1981-82 from the peak level of Rs. 3749 crores in 1980-81. Net invisible receipts are likely to go down further in 1982-83. The decline in 1981-82 was due to sluggish growth in travel receipts because of world recession, reduction in investment income consequent on decline in the level of foreign exchange reserves and a fall in inward remittances from the peak level in 1980-81. The decline in remittances was due to a large return-flow of workers from some important countries and because of slow-down in economic expansion in most of the West Asian oil-surplus countries. While there was a reduction in inflows for these reasons, invisible payments continued to rise. The current account deficit for 1980-81 is estimated to be about Rs. 2219 crores. Balance of payments data for 1981-82 are not yet available but preliminary data show that the deficit rose significantly in that year. It is likely to be lower in 1982-83.

8.5 Aid disbursements continued to show improvement since 1979-80 after the sharp set-back in the previous two years. Gross aid disbursements from normal sources rose by about 21 per cent to Rs. 1968 crores in 1981-82. The provisional estimate for 1982-83 is Rs. 2145 crores.

8.6 The movement in the balance of payments position during the course of the year reflected the developments indicated above. The foreign currency assets of the RBI, which to a large degree reflect the overall balance of payments, showed a rise of Rs. 328 crores during the fiscal year 1982-83 up to January 31, 1983. The rise in these assets during the year

so far benefited from the drawal of Rs. 1241 crores from the IMF under its Extended Arrangement. If the drawings from the IMF were excluded, these assets would have shown a decline of Rs. 914 crores during the above period. This fall was, however,

considerably lower than the draw down of Rs. 1929 crores (excluding IMF drawals of Rs. 637 crores) of these assets in the corresponding period of 1981-82. Table 8.1 shows the movements in foreign currency assets of the RBI since 1971-72 :

TABLE 8.1  
*Movements in the RBI's Foreign Currency Assets*

End of fiscal year/period	(Rs. crores)			
	Foreign currency assets	Variation in foreign currency assets	Net drawings from (+) repayments (-) to IMF	Variation in foreign currency assets exclusive of transactions with IMF (3-4)
1	2	3	4	5
1971-72 . . . . .	480.4	+42.3	..	+42.3
1972-73 . . . . .	478.9	-1.5	..	-1.5
1973-74 . . . . .	580.8	+101.9	+62.0	+39.9
1974-75 . . . . .	610.5	+29.7	+484.7	-455.0
1975-76 . . . . .	1491.7	+881.2	+207.1	+674.1
1976-77 . . . . .	2863.0	+1371.3	-302.8	+1674.1
1977-78 . . . . .	4499.8	+1636.8	-248.6	+1885.4
1978-79 . . . . .	5219.9	+720.1	-206.9	+927.0
1979-80 . . . . .	5163.7	-56.2	-55.1	-1.1
1980-81 . . . . .	4822.1	-341.6	+813.8	-1155.4
1981-82 . . . . .	3354.5	-1467.6	+636.8	-2104.4
<b>1982-83</b>				
January 31, 1983 . . . . .	3682.4	+327.9	+1241.4	-913.5
January 31, 1982 . . . . .	3529.7	-1292.4	+636.8	-1929.2

N.B. : On 31st January, 1983, India's holdings of monetary gold valued at Rs. 84.39 per 10 grams stood at Rs. 225.6 crores. Holdings of SDRs were 291.0 million SDRs (Provisional).

8.7 The external value of the rupee continued to be fixed in terms of a weighted basket of currencies of countries which are India's major trading partners with the pound sterling as the intervention currency. The exchange rate between the rupee and the pound sterling was adjusted from time to time in line with the exchange rate movements of the currencies in the basket. The latest adjustment was effected on 14th February, 1983 when the middle rate was fixed at Rs. 15.25 per pound.

#### Imports

8.8 Total imports during 1981-82 registered only a modest increase of 8.9 per cent in value over the level of 1980-81. This was because improvement in domestic production in several important sectors, such as petroleum, fertilisers, non-ferrous metals, etc., led to a reduction in the import requirements of these commodities. The gains achieved were, however, offset by higher imports of wheat, iron and steel and some raw materials. Details of imports by major commodity groups for 1980-81, 1981-82 and for the first six months of 1982-83 are given in Table 8.2.

8.9 Imports of cereals and cereal preparations showed a substantial increase in value reflecting increase in wheat imports from about 0.3 million tonnes valued at Rs. 76.6 crores in 1980-81 to about 1 million tonnes valued at Rs. 230.0 crores in 1981-82. These imports were undertaken by the Government with a view to building up buffer stocks and to combat pressure on prices. Wheat imports during April-September, 1982 amounted to about 0.3 million tonnes valued at Rs. 81.2 crores. For the year as a whole, import of wheat would be higher following contracts for about 4 million tonnes during 1982-83 to combat the effects of the severe drought. Edible oil imports, on the other hand, showed a decline of about 44.6 per cent in value and around 59 per cent in volume during 1981-82 in contrast to an appreciable increase in 1980-81. During April-September, 1982 edible oil imports declined by 26.4 per cent in value and 19.6 per cent in volume, the larger decline in value reflecting a fall in the unit value of imports during the period.

8.10 Petroleum and fertiliser imports accounted for a large share of the import bill amounting to

around 42 per cent of the total imports in 1981-82. Although unit values of POL imports increased in 1981-82 there was a 14.0 per cent decline in volume and this led to a 1.4 per cent decline in value terms in 1981-82. Reduction in the country's dependence on imported POL through higher production and containment in growth of demand is a central feature of

the strategy of adjustment in external payments. Both elements of the strategy worked well in 1981-82. Indigenous crude oil production rose from 10.5 million tonnes in 1980-81 to 16.2 million tonnes in 1981-82. Total consumption of POL products also grew at a modest rate of 5 per cent. During April-September, 1982, POL imports showed an increase of 11.2

TABLE 8.2  
*India's Imports By Major Commodity Groups*  
(Value in crores of Rupees)

Sl. No.	Commodity	1980-81 (P)	1981-82 (P)	Percent change 1981-82/1980-81	April-September	
					1981 (P)	1982 (P)
1.	Cereals and cereal preparations . . . . .	100.4	264.4	163.3	45.1	88.1
2.	Synthetic and regenerated fibres . . . . .	96.5	164.5	70.5	64.9	52.9
3.	Petroleum, petroleum products and related materials . . . . .	5263.5	5189.3	-1.4	2472.1	2729.1
4.	Edible oils . . . . .	682.9	378.3	-44.6	159.8	117.6
5.	Organic and inorganic chemicals . . . . .	358.2	387.8	8.3	137.9	166.4
6.	Chemical materials and products . . . . .	72.1	58.7	-18.6	24.7	27.4
7.	Medicinal and pharmaceutical products . . . . .	84.6	71.5	-15.5	33.6	33.2
8.	Fertilisers crude . . . . .	79.1	80.7	2.0	28.3	27.6
9.	Fertilisers finished . . . . .	652.3	388.8	-40.4	251.3	76.5
10.	Paper, paper-board and manufactures thereof . . . . .	186.5	240.3	28.8	130.0	49.1
11.	Pearls, precious and semi-precious stones . . . . .	416.8	345.9	-17.0	169.1	387.9
12.	Non-metallic mineral manufactures excluding pearls . . . . .	138.5	114.3	-17.5	39.6	43.1
13.	Non-ferrous metals . . . . .	477.4	301.6	-36.8	135.7	148.3
14.	Iron and steel . . . . .	852.4	1136.4	33.3	463.4	531.0
15.	Capital goods . . . . .	1910.2	1745.7	-8.6	752.3	1053.9
16.	Professional scientific controlling instruments, photographic optical goods, watches and clocks . . . . .	176.1	155.3	-11.8	68.6	81.3
17.	Others . . . . .	976.4	2565.2	153.3	999.1	1074.2
	<b>Total Imports . . . . .</b>	<b>12523.9</b>	<b>13588.7*</b>	<b>8.5</b>	<b>5975.5</b>	<b>6687.6</b>

(P) Provisional

\*Revised to Rs. 13638.2 crores for supplementary data received up to October 1982.

Source : DGCI & S, Calcutta.

per cent in volume and 10.4 per cent in value. The increased volume of POL imports in the current year reflected the fact that additional petroleum products were required to be imported to meet our domestic requirements as constraints in domestic refining capa-

city prevented refining of part of the crude produced in Bombay High which was exported. For 1982-83 as a whole, the value of POL imports, net of exports, is expected to decline reflecting higher production anticipated to reach 21 million tonnes.

8.11 Imports of finished fertilisers also showed a significant drop of 40.4 per cent and 48.4 per cent in value and volume respectively in 1981-82. This was largely because of a significant increase in the domestic production of nitrogenous fertilisers and better capacity utilisation during 1981-82. Crude fertiliser imports which are used as feed stock, showed an increase of around 2 per cent in value in spite of a significant fall of about 22 per cent in volume during 1981-82, reflecting a sharp increase of around 31 per cent in the unit value of imports of crude fertilisers during 1981-82. Imports of fertilisers (manufactured) and fertilisers (crude) recorded declines of 69.6 per cent and 2.6 per cent respectively in value and 64.7 per cent and 12.3 per cent respectively in volume during April-September, 1982. This trend reflected continuing increase in domestic production during 1982-83 combined with sluggish fertiliser off-take during the period because of the poor monsoon.

8.12 The imports of non metallic mineral manufactures showed a decline of 17.5 per cent in value during 1981-82. This was because of improved infrastructure and higher capacity utilisation and growth notably by the cement industry during the period. Imports of paper and paper board manufactures showed an increase of 28.8 per cent in value during 1981-82. The increase in imports was mainly to bridge the domestic demand—supply gap. There was, however, a substantial fall in the imports of paper, paper board and paper board manufactures during April-September, 1982. Imports of pearls and precious stones recorded a fall of 17.0 per cent in value during 1981-82. The imports of pearl and precious stones primarily take place to feed the export oriented diamond cutting industry. In 1981-82, export earnings of this sector showed signs of slackening and as such imports of precious and semi-precious stones declined during that year. However, during April-September, 1982 the import of precious and semi-precious stones increased significantly by 129.4 per cent in value.

8.13 Imports of non-ferrous metals declined by 36.8 per cent in value during 1981-82. This was mainly because of a good performance by domestic aluminium, copper and zinc industries in terms of capacity utilisation and growth. In the first six months of 1982-83, imports of non-ferrous metals increased by 9.3 per cent. Iron and steel imports showed an increase of 33.3 per cent and 47.5 per cent in value and volume respectively during 1981-82. The Steel Authority of India Ltd. (SAIL) under-took sizeable buffer imports in 1981-82 of structural and plates in the carbon steel grade. Substantial amount of pig iron was also imported under the buffer stock programme during that year. During the first six months of 1982-83, there was a modest increase in the volume of iron and steel of 6.4 per cent and a significant increase of 14.6 per cent in value reflecting an increase in the unit value of imports.

8.14 Imports of capital goods declined by 8.6 per cent during 1981-82 according to available provisional data. The position might, however, undergo change

when revisions of import data take place and item-wise details of capital goods imports become available. There was an increase of 40.1 per cent in value of the import of capital goods during April-September, 1982 reflecting a step-up in domestic investment activity.

### Sources of Imports

8.15 The OECD countries as a group account for the largest share in India's imports followed by the OPEC and Eastern Europe. Imports from the OECD countries increased by 10.2 per cent from Rs. 5745.6 crores in 1980-81 to Rs. 6329.7 crores in 1981-82 and their relative share in India's imports from 45.7 per cent to 46.6 per cent. Within the OECD, the bulk of country's imports come from the EEC, the USA and Japan. India's imports from the EEC increased by 18.5 per cent from Rs. 2548.8 crores in 1980-81 to Rs. 3019.8 crores in 1981-82. The share of the EEC in imports increased to 22.2 per cent in 1981-82 from 20.3 per cent in 1980-81. Among the EEC countries, the FRG was the largest source of imports in 1981-82 followed by the UK, Belgium, France, the Netherlands and Italy. The USA continued to be the largest single country source of imports, but its share declined to 10.5 per cent in 1981-82 from 12.1 per cent in 1980-81 as a result of a fall of imports from that country by 6.4 per cent from Rs. 1518.6 crores in 1980-81 to Rs. 1421.3 crores in 1981-82. There was an increase of 25.4 per cent in imports from Japan to Rs. 939.4 crores in 1981-82 from Rs. 748.8 crores in 1980-81.

8.16 There was a 10 per cent increase in imports from the OPEC during 1981-82 as imports during that year amounted to Rs. 3882.6 crores against Rs. 3529.2 crores in 1980-81. There was a corresponding improvement in the OPEC's share in India's imports to 28.6 per cent in 1981-82 from 28.1 per cent in 1980-81.

8.17 The share of the countries of Eastern Europe in imports improved from 10.3 per cent in 1980-81 to 11.2 per cent in 1981-82 on account of an increase of 17.6 per cent in imports from the region from Rs. 1296.3 crores in 1980-81 to Rs. 1524.8 crores in 1981-82. The USSR continued to be the most important source of imports from among the East European countries accounting for 8.5 per cent of our total imports in 1981-82 and 8.0 per cent in 1980-81.

8.18 The share of the ESCAP region (excluding Iran, Indonesia, Australia, Japan and New Zealand) in imports declined to 8.6 per cent in 1981-82 from 9.3 per cent in 1980-81 although there was a marginal increase of 0.8 per cent in imports from the region during 1981-82.

### Exports

8.19 India's overall exports showed an increase of 16.2 per cent in 1981-82, a considerable improvement over the growth rate of 3.9 per cent in 1980-81. The improved performance despite adverse interna-

tional conditions reflected the strength of the domestic effort and the removal of domestic supply constraints.

Growth in exports in the first six months of 1982-83 on a provisional basis was 22.3 per cent.

TABLE 8.3  
*India's Exports By Major Commodity Groups*

Sl. No.	Commodity	1980-81(P)	1981-82 (P)	Percent change 1981-82/ 1980-81	April-September	
					1981 (P)	1982 (P)
		(Rs. crores)		(Rs. crores)		
1.	Tea and Mate . . . . .	425.5	373.3	-12.3	180.2	150.8
2.	Coffee and substitute . . . . .	214.2	132.5	-38.1	68.8	128.5
3.	Tobacco unmanufactured . . . . .	124.4	197.2	58.5	107.1	161.3
4.	Raw cotton . . . . .	164.9	35.0	-78.8	16.3	69.3
5.	Rice . . . . .	223.9	342.7	53.1	146.2	113.6
6.	Sugar . . . . .	40.6	40.3	-0.7	15.3	27.7
7.	Cashew kernels . . . . .	140.1	168.8	20.5	105.6	79.5
8.	Spices . . . . .	111.4	112.5	1.0	37.8	34.8
9.	Oil cakes . . . . .	125.1	139.4	11.4	59.9	78.0
10.	Iron ore . . . . .	303.3	343.4	13.2	119.0	151.0
11.	Jute manufactures . . . . .	330.0	250.1	-24.2	134.1	92.2
12.	Cotton fabrics . . . . .	276.5	272.5	-1.4	119.5	116.0
13.	Leather and leather manufactures including footwear . . . . .	377.2	414.4	9.9	189.5	174.5
14.	Fish and fish preparations . . . . .	212.9	274.4	28.9	120.4	169.4
15.	Readymade garments . . . . .	515.0	547.9	6.4	262.9	232.9
16.	Chemical and allied products . . . . .	225.6	347.3	53.9	157.6	169.8
17.	Iron and steel . . . . .	69.7	70.1	0.6	33.6	25.4
18.	Engineering goods* . . . . .	727.0	817.3	12.4	362.0	392.8
19.	Handicrafts . . . . .	893.8	1033.8	15.7	411.2	306.6
	of which : pearls, precious and semi-precious stones . . . . .	601.9	679.6	12.9	253.0	138.6
20.	Others . . . . .	1209.6	1883.3	55.7	679.5	1394.6
	Total Exports . . . . .	6710.7	7796.2@	16.2	3326.5	4068.7

(P) Provisional.

\*These exports mainly consist of machinery and transport equipments and metal manufactures excluding iron and steel.

@Revised to Rs. 7797.0 crores for supplementary data received up to October, 1982.

Source : DGCI & S, Calcutta.

8.20 Movements in India's exports by commodities are shown in Table 8.3. The 19 items included in the table accounted for over 75 per cent of exports and achieved a growth of 7.5 per cent in 1981-82. A much higher growth rate of total exports was partly because of exports of crude petroleum which took place during the year. Certain traditional exports like those of tea, coffee, raw cotton and jute manufactures which accounted for nearly 10.1 per cent of India's export earnings in 1981-82 suffered declines.

8.21 Tea and coffee which constituted the main items of the plantation group suffered a set-back both in volume and value of exports in 1981-82. Tea exports declined by 8.3 per cent in volume and 12.3 per cent in value in 1981-82. World trade in tea was characterised by a situation of oversupply and falling prices. Besides, Indian tea faced stiff competition from Kenya, China and Sri Lanka. The fall in export earnings of tea was contributed both by a fall in unit value realisation and volume of exports. Unit value realisation of tea tended to decline

after reaching the peak in 1977-78, and fell by 4.8 per cent in 1981-82. Exports of tea during April-September, 1982 declined by 16.3 per cent in value and 23.2 per cent in volume. Exports of coffee after showing a significant increase in 1980-81 both in value and volume suffered a severe setback during 1981-82. Exports during 1981-82 declined to 64.5 thousand tonnes valued at Rs. 132.5 crores from 87.3 thousand tonnes valued at Rs. 214.2 crores in 1980-81. The decline in coffee exports was 38.1 per cent in value and about 26 per cent in volume in 1981-82. A sizeable decline in the export earnings of coffee was mainly on account of a crash in world coffee prices in 1981-82. The performance of coffee exports during April-September, 1982 was better with an increase of 41.7 per cent in volume and 86.8 per cent in value.

8.22 After a spell of favourable trading conditions during 1979-80, export of jute manufactures faced a difficult situation because of a number of adverse factors, viz., recessionary conditions prevailing in world markets, price competition from Bangladesh and stiff competition from synthetic substitutes. Export earnings of jute manufactures fell by 24.2 per cent in 1981-82 which to a large extent reflected a substantial fall of 37.9 per cent in quantity exported. There was a fall in the exports of jute manufactures both in value and volume during the first six months of 1982-83. There are, however, prospects for improvement in the remaining months of the year as demand for jute manufactures for carpet backing is recovering in the USA and West Europe. Raw cotton export earnings fell by 78.8 per cent during 1981-82 mainly because Indian cotton prices were out of parity with international prices. There was, however, a sharp increase in exports of raw cotton during the first six months of 1982-83.

8.23 Among the agricultural based items unmanufactured tobacco, cashew kernels and rice showed significant increase in export earnings during 1981-82. Export earnings from unmanufactured tobacco showed an increase of 58.5 per cent in value which to a large measure was accounted for by a substantial increase of 48 per cent in volume and a modest increase in unit value realisation. There was a significant increase in the export of this commodity during April-September, 1982. Cashew kernels showed an increase of 20.5 per cent in value in spite of a 5.6 per cent decline in volume during 1981-82. The increase in export earnings of cashew kernels was mainly on account of an appreciable increase in unit value realisation. In the first six months of 1982-83, the exports of cashew kernels declined by 24.7 per cent in value and 23.8 per cent in volume. In 1981-82, rice exports registered an increase of around 8.8 per cent in volume and 53.1 per cent in value. However, during April-September, 1982 these exports suffered a serious setback of 22.3 per cent in value and 25.5 per cent in volume. The fall in export volume was on account of a decline in domestic availability of rice following unsatisfactory harvests.

8.24 The ban on export of sugar was lifted on November 2, 1981. During 1981-82, sugar exports

showed an increase of 7 per cent in volume and a marginal decline of 0.7 per cent in value. The world sugar market continued to be marked by falling prices which was evident from an increase in exports during April-September, 1982 of 130.4 per cent in volume and only 81.0 per cent in value. Exports of oil cakes recorded an increase of 11.4 per cent in 1981-82 in contrast to a decline in 1980-81.

8.25 After showing a decline in 1980-81, exports of marine products showed an increase of about 29 per cent in value in 1981-82 despite a modest increase of 2.2 per cent in volume. Increased unit value realisation and steady market conditions prevailing abroad were the major factors contributing to a sharp increase in export earnings. The small increase in the quantum of exports was primarily due to decline in catches of fish and a strong domestic demand. During April-September, 1982, the exports of marine products recorded an increase of 40.8 per cent in value and 45.2 per cent in volume. Exports of these commodities should improve in the period ahead although during the first six months of the year there was a marginal decline in unit value realisation.

8.26 Iron ore exports increased by 13.2 per cent in value during 1981-82 although in volume terms they remained almost stagnant around 22.5 million tonnes. During April-September, 1982 iron ore exports remained stagnant around 8.7 million tonnes but as a result of increase in unit value realisation exports recorded an increase of 26.9 per cent in value. In view of the recessionary conditions, Japan and Romania are likely to import lesser quantity of Indian ore. Export earnings could still improve further in view of the increase in unit value of exports.

8.27 In 1981-82, engineering goods showed an increase of 12.4 per cent despite the general economic recession and protectionist measures adopted by the developed countries. There was an increase of 8.5 per cent in their export value during April-September, 1982. Export earnings from chemical and allied products showed an impressive growth of 53.9 per cent in 1981-82. There was, however, a modest increase of 7.7 per cent in these exports during April-September, 1982.

8.28 Exports of leather and leather manufactures showed a modest increase of about 10 per cent in 1981-82 after a significant drop in 1980-81. Because of sluggish demand conditions abroad export earnings of leather and leather products suffered a fall of about 8 per cent during April-September, 1982. This is one of the export sectors where, given steady market conditions, export performance could be considerably improved despite stiff competition from Pakistan, Bangladesh and China.

8.29 Readymade garment exports showed a growth of around 6.4 per cent in value during 1981-82; but during April-September, 1982 there was a decline of 11.4 per cent. Export earnings are likely to rise

in the ensuing months owing to a pick up in demand in the USA and trend of exports to non-quota countries. There was a decline of 1.4 per cent in the export earnings of cotton fabrics in 1981-82 because of a substantial fall in volume. The set-back in export of cotton fabrics was mainly because of escalation in the cost of various inputs especially cotton as well as lower efficiency of textile industry because of inadequate modernisation. There was also a severe competition from some of the newly industrialised countries. Besides, international trade in textiles was being carried under restrictive conditions which had put developing countries like India to a disadvantage. The strike in the Bombay textile industry also affected exports of cotton piece goods.

8.30 Exports of pearls and precious stones advanced rapidly in the seventies. However, these exports registered an increase of only about 13 per cent in 1981-82 compared with an increase of 16 per cent in 1980-81. There was a fall of 45.2 per cent in these exports during April-September, 1982. Exports of precious stones did not show impressive performance owing to recessionary conditions prevailing in the international diamond market.

8.31 During 1981-82 India exported crude oil of the order of 0.8 million tonnes valued at Rs. 196.2 crores. During the first six months of 1982-83 these exports amounted to 2.5 million tonnes in quantity and Rs. 578.9 crores in value. Although India is a net importer of oil, the exports had become necessary for reasons indicated earlier.

#### Direction of Exports

8.32 The distribution of India's exports by market regions showed a fairly diversified pattern. The share of developed countries, as represented by the OECD, though still dominant, had tended to decline while the share of exports going to the OPEC and Eastern Europe had tended to increase. The relative share of exports going to the OECD declined from 46.6 per cent in 1980-81 to 45.1 per cent in 1981-82 although exports to the region increased by 12.4 per cent from Rs. 3126.5 crores in 1980-81 to Rs. 3515.4 crores in 1981-82. Within the OECD, the EEC and the USA accounted for the bulk of exports from India. Japan, Australia and New Zealand are the other important destinations of exports. The relative share of the EEC in our exports declined from 21.2 per cent in 1980-81 to 19.6 per cent in 1981-82, because of a slower rate of growth of 7.6 per cent of exports to the region in 1981-82. With an increase of 18.6 per cent in exports to the USA during 1981-82, the share of the USA in exports remained relatively stable at about 11 per cent during 1981-82.

8.33 India's exports to the OPEC region increased by 21.8 per cent from Rs. 761.2 crores in 1980-81 to Rs. 927.0 crores in 1981-82 which marginally improved the OPEC's relative share in India's exports from 11.3 per cent in 1980-81 to 11.9 per cent in 1981-82. There was a significant increase in exports in 1981-82 to Iraq (55.6 per cent) and Kuwait (32.7 per cent) but exports to Iran suffered a decline of about 10 per cent.

8.34 Exports to the developing countries of the ESCAP region (excluding Iran and Indonesia which are members of the OPEC, and Japan, Australia and New Zealand) increased by only 6 per cent during 1981-82 which reduced the relative share of the region in India's exports from 10.4 per cent in 1980-81 to 9.5 per cent in 1981-82. Exports to the ESCAP region (excluding Iran and Indonesia only) increased during 1981-82 by 10.8 per cent resulting in a fall in the relative share of the region in India's exports from 21 per cent in 1980-81 to about 20 per cent in 1981-82.

8.35 Exports to Eastern Europe improved by 19.5 per cent from Rs. 1,486.3 crores in 1980-81 to Rs. 1,782.9 crores in 1981-82 which marginally improved the relative share of the region in India's exports from 22.1 per cent in 1980-81 to 22.9 per cent in 1981-82. The share of exports to the USSR, which holds a predominant position in trade with India, increased by 22.7 per cent during 1981-82.

#### Import-Export Policy for 1982-83

8.36 The import and export policies for 1982-83 contained a number of measures designed to improve access of producers to import requirements for domestic production, with special incentives provided for exporters. Simplification of procedures was an important objective of the policy changes in 1982-83. Thus, the overall objective of the import-export policy for 1982-83 was to help achieve increased productivity in domestic industry and generate further momentum on the export front. Reflecting the importance of an integrated approach, the policy sought to (i) provide to industries, especially in the small scale sector, easier and more regular access to their requirements of inputs in order to maximise their output and improve their productivity; (ii) provide a stimulus to those engaged in exports and, in particular, to manufacturing units contributing substantially to the export effort; (iii) reduce or dispense with licensing formalities wherever possible; and to further simplify and streamline procedures, with accent on time-bound system; (iv) extend support to upgradation of technology, especially with a view to cost reduction, energy saving and maximisation of output; and (v) to move forward towards self reliance by specific measures of support to indigenous industry, where necessary.

8.37 A number of new special provisions were introduced for export-oriented units with a view to promoting exports by removing constraints on export production and efficiency. Import replenishment licences (REP) issued against exports of specified export products to enable import of essential inputs for export production at international prices were made more attractive. Manufacturer-exporters who exported at least 10 per cent of their production of selected products subject to a minimum of Rs. 5 lakhs, or who exported selected products of a minimum of Rs. 1 crore (f.o.b.) in value during any of the two previous financial years, were allowed to import machinery up to Rs. 20 lakhs a year against their own REP licences without the recommendation of sponsoring authority

and without indigenous clearance, subject to certain conditions. To enable export-oriented units to maintain uninterrupted production, certain important provisions were made. Actual users who exported at least 25 per cent of their production of select products subject to a minimum of Rs. 5 lakhs, or who exported select products of at least Rs. 1 crore (f.o.b.) in any of the two previous financial years, were allowed to utilise their Automatic and Supplementary Licences for 1981-82 on a "repeat" basis during 1982-83, irrespective of their value, subject to the conditions stipulated. Keeping in view the price increases abroad, the value of Automatic licences issued to actual users who exported at least 10 per cent of their production of select products, was stepped up by 20 per cent over and above their actual past consumption in value terms. For other actual users the automatic increase over the previous year was limited to 10 per cent. Besides, actual users who exported at least 50 per cent of their production of select products could either avail of the "repeat" facility of their supplementary licences or obtain supplementary licences for 1982-83 without the recommendation of the sponsoring authority, up to 50 per cent of the value of the Automatic Licence. In addition, units set up under the 100 per cent Export Oriented Units Scheme were allowed to import all their requirements of raw materials and capital goods under OGL.

8.38 The list of raw materials and components eligible for consideration for advance licences under the Duty Exemption Scheme was further enlarged. The scope of the scheme was extended also to intermediate products to be supplied to another advance licence holder for production of the ultimate export product or to be supplied to an industrial unit in a Free Trade Zone in India for production of the ultimate export product. Raw materials and components required for manufacture of goods to be supplied against IDA/IBRD aided projects were exempted from payment of customs duty.

8.39 After taking into account domestic production, demand and other relevant factors, new items of raw materials, components and consumables were allowed for import under Open General Licence (OGL) to Actual Users (Industrial). For assisting small scale and cottage sector units, some of the items permitted under OGL were allowed for import not only by Actual Users but by others also, for more economic imports and off-the-shelf service to the users.

8.40 The value limit for imports to promote technological upgradation and modernisation under the Technical Development Fund Scheme was doubled to US \$ 500,000. Besides, the value for import of technical samples and prototypes against Automatic licences issued to actual users was raised to Rs. 20,000. Access to foreign exchange for improvement of technology by way of import of know-how, designs and consultancy was also improved in certain cases.

8.41 Trading houses and Export houses continued to play a significant role in consolidating export efforts

and supplying inputs to their supporting manufacturers. Export houses and Trading houses were allowed to import machinery for setting up common servicing centres for their supporting manufacturers. Besides, they were allowed to import non-OGL machinery up to Rs. 20 lakhs a year against their REP licences for sale to Actual Users.

8.42 In addition to the existing provisions, more facilities were provided to non-resident Indians returning home for settlement or investing in an enterprise in India out of their foreign exchange earnings abroad. A special scheme was introduced for non-resident Indians returning home for settlement for setting up electronics industry or investing in an electronics industry in India. They were allowed to import the entire machinery for that purpose under OGL without the need for indigenous clearance, provided their share in the equity capital of the unit was not less than 20 per cent and the machinery had been purchased out of their foreign exchange earnings.

8.43 The import-export policy is formulated keeping in view the interests of the indigenous industry and its capability to meet the requirements of users at competitive prices with the existing tariff structure. Formulation of import-export policy for an economy with a diversified industrial base involves a careful balancing of interests of consumers and producers which are often at variance. The world wide recession in 1982-83 led to the decline in the prices of capital goods and more particularly intermediate goods. Among the intermediate products, chemical and petrochemical items like soda ash, PVC resins and synthetic fibre faced some difficulty. Appropriate action was taken, as necessary, in order to safeguard the interest of the indigenous industry.

8.44 Since bulk imports account for a very large proportion of total imports and substantial savings can be effected in many of these imports through higher domestic production and economy in use, the programme for import of bulk items was subjected to continuous monitoring and scrutiny in the course of 1982-83 with a view to effecting economies wherever appropriate. Substantial reductions were achieved in imports of POL, steel, fertilisers, non-ferrous metals and edible oils which will help to improve the balance of payments position in the remaining months of 1982-83 and in 1983-84.

#### External Assistance

8.45 External assistance in the form of loans and cash and commodity grants from normal sources has been an important source of finance in India's balance of payments. Aid disbursements had tended to slow down in the late seventies due to difficulties with project implementation but during the past few years this trend has been reversed. Gross disbursements from normal sources amounted to Rs. 1968 crores in 1981-82 representing an increase of about 21 per cent over the



preceding year. In 1982-83, aid utilisation is expected to rise further by about 9 per cent to Rs. 2,145 crores. Aid authorisation (in terms of agreements signed) in 1982-83 also increased by about 18.5 per cent to

Rs. 3,369 crores. The trends in gross and net inflow of external assistance (loans and grants on Government account, non-Government loans and suppliers' credits) are shown in Table 8.4.

TABLE 8.4

*Inflow of External Assistance, Gross and Net*

	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83*
1. Authorisations	929	676	1171	1671	2654	1286	1897	2334	1860	3840@	2843	3369
2. Gross disbursements of which : Debt relief	834 61	666 106	1036 117	1314 116	1841 133	1599 102	1290 28	1266 7	1367 11	2165@ 13	1968 2	2145 2
3. Debt Servicing (including interest payments)	479	507	596	626	687	755	821	882	884	868	912	953
4. Net inflow of assistance	355	159	440	688	1154	844	469	384	483	1297	1056	1192

(Rs. crores)

\*Provisional.

@ Include Rs. 538 crores from the IMF Trust Fund.

8.46 The Aid India Consortium which met in Paris on June 14 and 15, 1982 commended India's success in sustaining overall economic growth and in particular the achievements in the fields of agriculture, industry, infrastructure and import substitution, despite a very unfavourable external environment. There was a general consensus on the need for increased flow of concessional aid to India especially from the IDA to assist her efforts to overcome the pressure on balance of payments while sustaining economic growth. The Consortium members pledged assistance of SDR 3.4 billion (US \$3.73 billion) for 1982-83 compared with SDR 2.8 billion (US \$ 3.46 billion) in 1981-82. This represented a step-up of 21.4 per cent in SDR terms and 7.8 per cent in terms of US dollars. Of the total pledge of US \$ 3.73 billion for 1982-83, the World Bank group *viz.*, the IDA and the IBRD accounted for US \$2.2 billion or about 60 per cent, US \$1.1 billion of this was likely to be from the IDA and the rest from the IBRD. IDA assistance would thus be about US \$200 million more than the US \$900 million committed for India during the Bank's fiscal year 1982.

8.47 Pledges made in the Consortium meeting represent only the broad indications of the likely levels of assistance in the year. Bilateral contracts are established during the course of the year for negotiating and concluding aid agreements (commitments) which authorise draws subsequently. There is also a time lag between commitments and draws depending upon the composition of aid and the nature of projects assisted. On an average, IDA loans disburse over a period of 10 years, IBRD loans in 7-8 years and bilateral loans over a period of 8 years.

8.48 Unfortunately, the outlook for concessional assistance from normal sources is far from encouraging. While the current account deficit has increased, the availability of concessional resources has been more or less constant and there is a prospect of reduction in the future. It has, therefore, become necessary to resort to additional external borrowing to meet the residual financing requirements of the balance of payments, keeping in view the paramount need to maintain the country's indebtedness and its ability to service foreign debts within prudent limits.

8.49 As noted earlier, the Government had entered into an extended arrangement with the IMF enabling India to purchase up to the equivalent of SDR 5 billion over a three year period spanning the fiscal years 1981-82 to 1984-85. The first year's programme was completed successfully and purchases aggregating SDR 900 million (Rs. 948.3 crores) were made as envisaged in the programme (SDR 600 million equivalent to Rs. 636.8 crores during the fiscal year 1981-82). On July 9, 1982 the Fund approved the second year's programme which would enable draws of another SDR 1,800 million between July 1982 and June 1983 in four instalments. India drew the first instalment of SDR 600 million (Rs. 619.1 crores) on 14th July, 1982 and the second of SDR 300 million (Rs. 310.7 crores) on 4th November, 1982 under the second year's programme. Thus, the draws during the fiscal year 1982-83 up to January 1983 amounted to SDR 1200 million (Rs. 1,241.4 crores). In addition to having recourse to the IMF, the Government also resorted to commercial borrowings on a selective basis in order to supplement resources available from multi-lateral and bilateral sources. The total commitment

of commercial borrowings during 1981-82 was of the order of Rs. 1,204 crores. The scale of such borrowings is being determined having due regard to the need of the economy and debt servicing implications.

8.50 Given the size of the country's external payments and the prospects of low-cost external finance, there is no alternative but to achieve a reduction in the current account deficit over the next two to three years. The main thrust will have to be through efforts at efficient and economic import substitution in a number of critical areas, especially oil. Significant progress has been achieved here but more needs to be done. Efforts have also to be made to effectively reduce the growth of imports through appropriate demand restraint

policies. Exports also have to play a crucial role to restore the viability in the country's balance of payments. While for a continental economy like India, an export-led growth strategy is neither relevant nor feasible, there is no gainsaying the importance of expanding the export base in order to meet payments for essential imports. The domestic environment for export production has improved considerably with the improvement in infrastructure in the past two years and development of an import policy for exporters which provides substantial incentives. In the longer run, however, successful export promotion would depend upon the general strength and competitiveness of our industry and a revival in the international economy.

## CHAPTER 9

### THE TASKS AHEAD

1982-83 was a testing time for the Indian economy. Agricultural production which had reached its peak in 1981-82 was affected by a severe drought. The set back in agricultural production occurred at a time when the economy had just recovered from the steep decline in production that took place in 1979-80 and it was expected that given favourable weather conditions, large investments made in this sector since then would yield significant results. After registering a growth of 8.6 per cent in 1981-82, industrial production also decelerated. It is a reflection of the inherent strength of the economy and the responsiveness of the economic system that these difficulties did not distort the planning process and disturb the environment of stability which had been built over the previous two years.

9.2 The annual rate of inflation on a point to point basis on week ended January 15, 1983 was only 2.8 per cent which is lower than the annual rate of inflation of 6.4 per cent during the corresponding week of last year. This would have been a notable achievement in any year; in a year of drought this is remarkable. In the wake of adverse expectations with regard to the state of the monsoon, in June and July 1982, prices increased by an average of 2.4 per cent per month and there was a danger that the fight against inflation would receive a set back. However, as a result of action taken on both supply and demand sides, the situation was soon stabilised and the price situation improved after August 1982.

9.3 While this is a matter of satisfaction, the need for a careful watch over the price situation continues to be as strong as ever. The maintenance of price stability has been helped by a decline in international prices, the slow-down in industrial demand, and general improvement in the infrastructure sectors, particularly transport. A spurt in international commodity prices or deterioration in the performance of the infrastructure sectors can easily create further pressures, as industrial output expands. It would be necessary to keep the aggregate demand situation in the economy under careful control, while ensuring adequate availability of essential goods and services.

9.4 Foodgrains production in 1981-82 is now estimated at 133 million tonnes as compared to about 130 million tonnes in 1980-81 and 110 million tonnes in 1979-80. The average annual level of

production during the ten year period 1972-73 to 1981-82 was 115 million tonnes as against 88 million tonnes in the previous ten years. The substantial increase in output was achieved mainly through the improvement in yields. This reflected the success of the basic agricultural strategy of extending irrigation together with assured supply of improved seeds, fertilizers, credit and other inputs. It is also gratifying that despite the severity of the drought in certain areas during the kharif of 1982-83, the loss of production is expected to be less than in the previous drought years. This again is indicative of the strides that have been made by Indian agriculture, and the resilience of our farmers.

9.5 Looking ahead to the future, however, there is now need for a comprehensive examination of the problems that have emerged in the agricultural field, and for adoption of appropriate policies for overcoming them. In view of the varying weather conditions in the last four years, it is not possible to judge whether the marginal productivity in agriculture with respect to greater use of water and fertilisers is showing signs of stagnation. However the fact remains that despite increases of 9 million hectares in the irrigation potential and about 2 million tonnes in fertilizer use during 1978-79 to 1982-83, there has not been any significant increase in the level of production of foodgrains. There also appears to be imbalance in the cropping pattern. For example, the country is faced with a substantial surplus of sugar and long staple cotton. Compared with international price level, our price situation in respect of these items is also highly unfavourable with the result that export opportunities are limited. On the other hand in view of the depletion of foodgrain stocks in 1979-80 and unfavourable weather conditions, the country had to undertake imports of foodgrains. At the same time, we are also faced with the shortage of oilseeds and pulses.

9.6 The breakthrough in yields in the case of wheat has not been matched in rice in large areas of the country, while production of pulses and oilseeds continues to stagnate. The growth in wheat yields also appears to have slowed down in some of the most important wheat producing regions, which underscores the need for imparting a new momentum to the agricultural research and extension efforts in areas where yields are stagnating. There is also evidence that the costs per hectare of increasing irrigation through major and medium schemes have

been increasing and the time lag between the creation of the potential and exploitation is now quite significant. The existing potential is not fully utilized and it also suffers from wastages and lack of repair and incentive. A review of the composition of investments in irrigation as between major, medium and minor schemes and better maintenance and utilization of the existing potential may be called for. Particular emphasis also needs to be placed on dry land farming as these areas constitute the hard-core poverty belt. Higher agricultural productivity in these areas can make a large contribution to increasing the output as well as reducing the incidence of poverty in the country.

9.7 Optimum use of fertilizers is another area which requires close attention in the years to come. Unfortunately, indigenous costs of production of fertilizers are substantially higher than international costs, and as new plants go into operation, these costs are likely to increase. High-cost fertilizer in a country with such low levels of fertilizer use is likely to constitute an important constraint in increasing agricultural productivity. It is, therefore, important that maximum attention is devoted to full utilisation of existing capacity and for timely completion and stabilisation of new fertilizer plants. New initiatives may also be required in respect of pricing policy so that a solution could be found to the problems of high cost units. In view of the overall resource constraint, the ability of the budget to support higher and higher levels of subsidy is limited and cannot be relied upon as a means of providing plentiful supply of fertilizers at reasonable prices. Special attention also needs to be given to strengthening the institutional mechanism for flow of credit to the agricultural sector, particularly to small and marginal farmers. For the long-term viability of the credit infrastructure, it would be necessary to ensure that the recovery of advances from the agricultural and rural sectors is also satisfactory so that the flow of credit to this sector can be further accelerated.

9.8 Over the years, the public distribution system in the country has been considerably strengthened. The total number of fair price shops in the country is now 2.76 lakhs as against 1.65 lakhs ten years ago. The distribution of foodgrains, edible oils, sugar and other items of essential consumption through the public distribution system has ensured that, even during lean periods, minimum consumption requirements of the people are met at reasonable prices. The total releases of foodgrains through the public distribution system have been increasing, while the level of domestic stocks has been depleted because of two droughts in the last four years. The expansion and viability of the public distribution system would depend on the procurement effort being strengthened in all regions of the country. In the last few years procurement has become increasingly concentrated in Haryana and Punjab and even traditionally surplus states are procuring a lower percentage of their output for the public distribution system. Even in the case of rice, the proportion of procurement from the above two states has increased from about 33 per cent of

total procurement in 1974-75 to nearly 75 per cent in 1982-83.

9.9 In the last year's survey, it was pointed out that part of the reason for high growth of industrial production in 1981-82 was the depressed level of production in the previous two years. Attention was also drawn to the fact that in five out of ten years of the 70s, the growth rate of industrial production was less than 3.5 per cent, and that a year of reasonable growth and recovery had been followed by one or even two years of stagnation in industrial production. The experience of 1982-83 has once again highlighted the fact that the industrial structure is yet to regain the dynamism necessary for sustaining high rates of industrial growth for more than one or two years. The problems of 1982-83 were no doubt compounded by the prolonged textile strike, but the causes for deceleration in industrial growth are probably more fundamental than can be explained by the special events of a particular year. The level of capacity utilisation in most industries continues to be low. Prices of industrial products are relatively high which puts them beyond the reach of all but the few. Exports of industrial products have not expanded at a sufficiently high rate because of unfavourable trading environment abroad as well as the inability to compete effectively in terms of quality and price with low-cost suppliers abroad.

9.10 The general state of industry is obviously a matter of concern notwithstanding the substantial gains that have been made in terms of expansion and diversification of the industrial structure in the last 35 years. In such a situation, there is a tendency on the part of industry to look to fiscal reliefs as a way out of their persistent problems. While adjustment of duty structure in respect of a specific product may be justified in particular circumstances, an across-the-board reduction in excise duties, apart from its adverse revenue implications, is unlikely to provide a lasting answer to the problems of Indian industry. In any event, past experience has been that even in respect of products where price elasticities are significant, firms tend to retain the benefit of excise duty reduction and thus maximise short-term profits, rather than pass these on to consumers. High prices of many Indian products are a reflection of inherent weaknesses, arising from lack of cost consciousness, and non-competitive environment. Industries also suffer from inadequate availability of power, and other disadvantages in respect of inputs, etc. These problems can only be overcome through a more determined effort to improve efficiency and productivity. There is also need for a greater emphasis on research and development, and for investment in modernisation. One hopeful feature of the industrial scene is the significant increase in the capital raised through public issues and debentures in the market. The favourable climate for investment is also reflected in the sharp increase in disbursements and sanctions of term lending institutions during 1982-83.

9.11 The resource position of the Government has been under severe strain in 1982-83. The growth of

revenue has been subdued because of the effects of drought and deceleration in industrial production. In addition, during the early months of the year, taking advantage of certain pending legal issues, an increasing recourse was made by industry to defer the payment of excise duties. On the expenditure side, provision had to be made for drought relief, payment of dearness allowances and additional plan and essential non-Plan expenditure. In view of the vital need to maintain the nation's security in the face of growing external threats, while at the same time allowing for a substantial step up in developmental outlays, the fiscal situation is likely to continue to remain under pressure for some time. In order to keep the situation under control, it is necessary to exercise maximum austerity in order to reduce non-Plan and non-productive expenditure, improve the yields from existing taxes, and increase productivity of investments already made. The continued viability of the fiscal system would also depend on better tax collection and vigorous enforcement of the provisions of the law with a view to eliminating the pernicious growth of black money in the economy. In recent years, the Government had tried to encourage the flow of savings into productive investments in both public and private sectors by increasing the return on financial assets and providing further fiscal incentives for such savings.

9.12 In order to sustain high levels of public investment, it is necessary to step up financial returns from past investments through better utilisation of capacity and more efficient operations. The country's ability to accelerate investment in infrastructure, human resource development, and social sectors would depend crucially on the ability of the existing public sector enterprises to generate larger resources. In the first half of 1982-83 public sector enterprises have shown better profitability. This trend needs to be accelerated. It must also be ensured that new projects are implemented in time and cost escalations are avoided. Savings and investment rates in the economy have been fairly high, but the incremental capital output ratios in the economy have increased. The increase in the capital output ratios is possibly a reflection of the changes that have taken place in the sectoral composition of investment. However, the increase in capital costs of projects due to delays in implementation, has also adversely affected productivity of investment in the economy. An important reason for cost escalation and delays is the inadequate attention that is paid to project design and project evaluation. There has also been a tendency to move to larger and larger projects without adequate preparation with the result that, even after projects are commissioned, the stabilisation period tends to be long. In capital intensive sectors, it may be desirable to concentrate on implementing projects of a size in which the country has acquired the necessary experience and expertise. It would be much more economical to establish medium size projects which can be set up and operated quickly rather than to experiment with larger projects which take longer to establish and stabilise. The apparent cost advantages of larger projects can be easily lost if the project is delayed and its capacity utilisation is low.

9.13 India's balance of payments continues to be a matter of concern. Trade deficit in 1981-82 was more or less contained at the previous year's level and there would be a further improvement in 1982-83. On the capital account, receipts from aid and other sources are also likely to show an improvement. However, partial data for net invisible earnings in 1982-83 show that these receipts may be lower than last year. Taking all these factors together, it is expected that the balance of payments deficit in 1982-83 would be smaller than in the previous year. The gross foreign exchange reserves are likely to show an improvement because of drawings against the IMF loan which are likely to amount to SDR 1800 million in 1982-83. In the absence of drawings from the IMF, the reserve situation would have become difficult.

9.14 Fortunately, for the economy in general and for the balance of payments in particular, the programme to increase domestic production of oil has been progressing very satisfactorily. Domestic crude output is expected to increase from 16 million tonnes in 1981-82 to 21 million tonnes in 1982-83. The output of crude oil may reach 30 million tonnes in 1984-85. Oil exploration in Bombay High and other areas has also yielded highly encouraging results and prospects of oil production by the end of the 1980s are even more promising. As a result of large investments undertaken in the past few years in this sector and the continuing high priority being attached to oil exploration, crude output by the end of the Sixth Plan would have increased five-fold since 1972-73.

9.15 Exports in 1981-82 increased by about 16 per cent. Despite the unfavourable international environment and decline in world prices, in 1982-83, exports may show a reasonable rate of growth. Rapid export growth is essential both in order to close the trade gap over time and also to ensure adequate debt servicing capacity in the future. However, given the base of exports in relation to the base of imports, and stagnation in the flow of official development assistance, it is clear that a multi-pronged strategy has to be pursued in order to bring about viability in our balance of payments. While a certain amount of external borrowings on commercial terms is inescapable in order to maintain the pace of investments in crucial sectors of the economy the country has to be extremely circumspect both in regard to the total volume and composition of external debt. In view of the borrowings that have already been committed for high priority investments, the extent of commercial borrowings in the future would need to be determined carefully in the light of the evolving balance of payments situation, particularly export earnings. India's policies of selectivity and caution in regard to external commercial borrowings have been more than vindicated by recent experience of several countries, which are now facing increasing difficulties in servicing past debt.

9.16 During the Sixth Plan, the country has embarked on a major programme for expansion of capacity in critical areas particularly oil, fertilisers, steel, non-ferrous metals and cement. Efforts are also being made

to increase production of oilseeds through extension and intensive development programmes. Expansion of output in these sectors is the key to reduction of imports as these items figure prominently in the total import bill of the country. It is, however, also necessary to exercise restraint on the growth of consumption and demand to import-intensive sectors so that the current account deficit in the medium term does not widen. This aspect has acquired greater importance as recovery in industrial countries has been slow, and markets for Indian exports in oil exporting countries are also not expanding fast enough because of lower levels of economic activity in these countries.

9.17 For the world economy, the last few years have been extremely difficult. Unemployment in industrial countries has reached unprecedented levels and growth rates have declined to near zero levels. Until lately,

the rates of inflation were also high. The oil importing countries have been the most severely affected by these and other developments. Their current account deficits, which had reached alarming levels, after the escalation in prices of oil in 1979, have further deteriorated because of a decline in the prices of their exports. Development plans in many countries have had to be drastically curtailed. Sustained price stability has proved elusive, and growth rates have declined. India is one of the few oil importing countries which, in the last three years have been able to maintain the tempo of planned development and also achieve a significant reduction in the rates of inflation. Growth rates in the first three years of the Plan are likely to be about 5 per cent per annum despite the set-back in agricultural production this year. The years ahead are difficult and challenging. The economy now has the necessary strength and the resilience to cope with these.

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APPENDIX  
STATISTICAL TABLES

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## 1. National Income and Production

## 1.1 : GROSS NATIONAL PRODUCT AND NET NATIONAL PRODUCT (i.e. National Income)

Year	Gross National Product at factor cost (Rs. crores)		Net National Product at factor cost (Rs. crores)		Per capita Net National Product (Rs.)		Index Number of Net National Product		Index Number of per capita Net National Product	
	At Current prices	At 1970-71 prices	At Current prices	At 1970-71 prices	At Current prices	At 1970-71 prices	At Current prices	At 1970-71 prices	At Current prices	At 1970-71 prices
1950-51	9157	17469	8833	16731	246.0	466.0	100.0	100.0	100.0	100.0
1951-52	9515	17841	9156	17036	250.8	468.1	103.7	102.1	102.0	100.4
1952-53	9324	18483	8935	17699	240.2	475.8	101.2	105.8	97.6	102.1
1953-54	9993	19660	9601	18854	253.3	497.5	108.7	112.7	103.0	106.8
1954-55	9174	20190	8745	19328	226.6	500.7	99.0	115.5	92.1	107.4
1955-56	9720	20854	9272	19953	235.9	507.7	105.0	119.3	95.9	108.9
1956-57	11209	21988	10723	21046	267.4	524.8	121.4	125.8	108.7	112.6
1957-58	11237	21593	10701	20587	261.6	503.3	121.1	123.0	106.3	108.0
1958-59	12650	23413	12023	22329	287.6	534.2	136.1	133.5	116.9	114.6
1959-60	13090	23802	12429	22676	291.8	532.3	140.7	135.5	118.6	114.2
1960-61	13999	25424	13263	24250	305.6	558.8	150.2	144.9	124.2	119.9
1961-62	14799	26293	13987	25039	315.0	563.9	158.3	149.7	128.0	121.0
1962-63	15727	26834	14795	25414	325.9	559.8	167.5	151.9	132.5	120.1
1963-64	17978	28210	16977	26746	365.9	576.4	192.2	159.9	148.7	123.7
1964-65	21113	30399	20001	28808	422.0	607.8	226.4	172.2	171.5	130.4
1965-66	21866	28791	20637	27103	425.5	558.8	233.6	162.0	173.0	119.9
1966-67	25250	29081	23848	27298	481.8	551.5	270.0	163.2	195.9	118.3
1967-68	29612	31590	28054	29715	554.4	587.3	317.6	177.6	225.4	126.0
1968-69	30293	32460	28607	30513	552.3	589.1	323.9	182.4	224.5	126.4
1969-70	33521	34518	31606	32408	597.5	612.6	357.8	193.7	242.9	131.5
1970-71	36452	36452	34235	34235	632.8	632.8	387.6	204.6	257.2	135.8
1971-72	38972	37000	36573	34715	660.2	626.6	414.0	207.5	268.4	134.5
1972-73	42939	36599	40270	34191	711.5	604.1	455.9	204.4	289.2	129.6
1973-74	53447	38410	50424	35967	870.9	621.2	570.9	215.0	354.0	133.3
1974-75	62972	38857	59446	36502	1005.9	617.6	673.0	218.2	408.9	132.5
1975-76	66115	42571	62069	40364	1024.2	661.1	702.7	239.5	416.3	141.9
1976-77	71231	42902	66754	40271	1076.7	649.5	755.7	240.7	437.7	139.4
1977-78	80493	46714	75536	43951	1191.4	693.2	855.2	262.7	484.3	148.8
1978-79	86816	49386	81123	46386	1251.9	715.8	918.4	277.2	508.9	153.6
1979-80	95023	47002	88372	43922	1332.9	662.5	1000.5	262.5	541.8	142.2
1980-81	114501	50767	106539	47490	1571.4	700.4	1206.1	283.8	638.8	150.3
1981-82*	130795	53424	121243	49887	1749.5	719.9	1372.6	298.2	711.2	154.5

## ANNUAL GROWTH RATES

First Plan Period	1.2	3.6	0.9	3.6	(-)-1.0	1.7
Second Plan Period	7.6	4.0	7.4	4.0	5.3	2.0
Third Plan Period	9.3	2.5	9.2	2.2	6.8	—
Three Annual Plan Period (1966-67 to 1968-69)	11.5	4.1	11.5	4.0	9.1	1.8
Fourth Plan Period	12.0	3.4	12.0	3.4	9.5	1.1
1974-75	17.8	1.2	17.9	1.5	15.5	(-)-0.6
1975-76	5.0	9.6	4.4	9.8	1.8	7.0
1976-77	7.7	0.8	7.5	0.5	5.1	(-)-1.8
1977-78	13.0	8.9	13.2	9.1	10.7	6.7
1978-79	7.9	5.7	7.4	5.5	5.1	3.3
1979-80	9.5	(-)-4.8	8.9	(-)-5.3	6.5	(-)-7.4
1980-81	20.6	8.0	20.6	8.1	17.9	5.7
1981-82	14.1	5.2	13.8	5.0	11.3	2.8

\*Quick estimates.

**1.2 : ESTIMATES OF NET NATIONAL PRODUCT BY INDUSTRY OF ORIGIN  
PERCENTAGE DISTRIBUTION**

(At 1970-71 Prices)

Industry Group	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82*
1	2	3	4	5	6	7	8	9	10	11	12
1. Agriculture, forestry and logging, fishing, mining and quarrying	49.5	47.2	48.1	46.6	47.9	44.5	45.7	44.4	40.8	42.5	41.8
2. Manufacturing, construction, electricity, gas and water supply	20.1	21.1	20.5	20.6	19.8	21.6	21.3	21.6	22.2	21.1	21.2
3. Transport, communications and trade	16.2	16.7	16.4	17.3	17.2	17.9	17.6	18.1	19.0	18.4	18.5
4. Banking and insurance, real estate and ownership of dwellings and business services	5.1	5.4	5.3	5.1	5.1	5.6	5.4	5.7	6.0	5.6	5.6
5. Public administration and defence and other services	10.0	10.5	10.4	10.7	10.2	10.6	10.2	10.3	11.9	12.2	12.7
6. Net domestic product at factor cost	100.9	100.9	100.7	100.3	100.2	100.2	100.2	100.1	99.9	99.8	99.8
7. Net factor income from abroad	(-0.9)	(-0.9)	(-0.7)	(-0.3)	(-0.2)	(-0.2)	(-0.2)	(-0.1)	+0.1	+0.2	+0.2
8. Net National product at factor cost	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

\*Quick estimates.

## 1.3 : DOMESTIC SAVING AND DOMESTIC CAPITAL FORMATION

Year	As per cent of gross domestic product at market prices		As per cent of net domestic product at market prices	
	Gross Domestic Saving	Gross Domestic Capital Formation	Net Domestic Saving	Net Domestic Capital Formation
1960-61	13.7	16.9	9.3	12.7
1961-62	13.1	15.3	8.4	10.7
1962-63	14.5	17.1	9.6	12.3
1963-64	14.4	16.6	9.8	12.1
1964-65	13.6	16.2	9.2	12.0
1965-66	15.7	18.2	11.2	13.8
1966-67	16.3	19.7	11.8	15.4
1967-68	13.9	16.5	9.6	12.3
1968-69	14.1	15.4	9.5	10.8
1969-70	16.4	17.1	11.8	12.5
1970-71	16.8	17.8	12.0	13.0
1971-72	17.3	18.4	12.4	13.6
1972-73	16.2	16.9	11.3	11.9
1973-74	19.3	20.0	15.0	15.7
1974-75	18.2	19.1	13.8	14.8
1975-76	20.0	19.9	15.4	15.3
1976-77	22.3	20.7	17.7	16.0
1977-78	21.8	20.1	17.2	15.4
1978-79	24.3	24.4	19.6	19.7
1979-80	22.5	23.0	17.4	18.0
1980-81	21.9	23.8	16.7	18.7
1981-82*	22.8	25.3	17.5	20.1

\*Quick estimates.

Source: Central Statistical Organisation

## 1.4 : INDEX NUMBERS OF AGRICULTURAL PRODUCTION

(Base : Triennium ending 1969-70 =100)

Group/Commodity	Weight	1965-66	1970-71	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12
<b>A. Foodgrains</b>	68.1	75.8	112.9	104.3	127.2	115.7	133.6	139.3	114.8	137.5	140.8
(a) Cereals	60.1	74.2	114.1	106.4	128.8	117.8	137.3	143.6	119.9	143.1	145.8
Rice	34.0	78.1	107.4	101.3	124.7	107.2	134.7	137.5	108.3	137.2	137.1
Wheat	12.2	57.6	132.1	133.6	159.9	160.8	176.0	196.8	176.4	201.2	209.7
Coarse Cereals	13.9	79.3	114.7	95.2	111.8	106.3	102.8	112.0	98.7	106.7	111.1
(b) Pulses	8.1	88.0	104.4	88.8	115.3	109.3	105.8	107.5	76.6	95.8	103.7
Gram	3.6	89.9	99.7	77.1	112.9	104.2	103.9	110.2	64.5	81.2	87.8
<b>B. Non-Foodgrains</b>	31.9	91.3	108.7	118.3	119.8	117.8	130.9	134.6	122.3	130.1	145.9
(a) Oilseeds	11.0	85.6	116.1	114.9	123.8	103.9	116.5	122.4	108.4	110.3	137.8
Groundnuts	4.8	82.6	118.4	99.1	130.9	102.0	118.0	120.3	111.8	97.0	140.3
Rapeseed and Mustard	1.7	86.9	132.3	150.8	129.6	103.8	110.4	124.7	95.6	133.6	157.7
(b) Fibres	4.0	88.5	89.3	119.4	103.4	106.3	125.2	139.5	133.9	126.3	138.4
Cotton	3.0	86.7	85.1	127.8	106.2	104.2	129.3	142.1	136.5	125.1	139.7
Jute	0.8	90.1	99.6	90.2	89.5	107.9	108.1	130.5	122.4	131.2	137.4
Mesta	0.2	118.0	113.7	123.5	127.0	150.4	154.4	160.5	162.7	142.2	136.3
(c) Plantation crops	2.3	91.7	114.8	130.9	129.9	139.3	151.9	149.7	155.1	155.4	161.3
Tea	1.9	93.1	106.4	124.4	123.7	130.0	141.3	143.2	140.2	146.1	146.1
Coffee	0.2	98.5	170.1	142.8	129.6	157.8	192.8	170.4	230.9	182.9	239.0
Rubber	0.2	69.7	127.1	179.5	190.2	206.5	202.9	186.8	205.0	211.4	211.1
(d) Miscellaneous	8.3	101.6	106.9	117.2	116.9	131.4	148.1	131.7	109.3	130.2	152.6
Sugarcane (gur)	7.0	105.3	106.4	120.7	118.2	130.0	147.3	129.0	107.4	129.4	153.6
Tobacco	1.1	82.4	101.8	102.0	98.4	117.8	138.8	127.7	123.3	133.3	146.8
Potato	1.4	95.0	112.0	151.1	176.0	172.7	195.9	244.0	199.9	231.9	238.3
<b>C. ALL COMMODITIES</b>	100.0	80.8	111.5	108.8	124.8	116.4	132.7	137.8	117.1	134.9	142.6

## 1.5 : AGRICULTURAL PRODUCTION

(In Million Units)

Group/Commodity	Unit	1955-56	1960-61	1965-66	1970-71	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82*
1	2	3	4	5	6	7	8	9	10	11	12	13	14
A. Foodgrains	Tonnes	69.34	82.33	72.35	108.42	99.83	121.03	111.17	126.41	131.90	109.70	129.59	133.06
(a) Cereals	..	57.63	69.59	62.40	96.60	89.81	107.99	99.81	114.43	119.72	101.13	118.96	121.71
Rice	..	28.65	34.60	30.59	42.23	39.58	48.74	41.92	52.67	53.77	42.33	53.63	53.59
Wheat	..	8.87	11.00	10.39	23.83	24.10	28.85	29.01	31.75	35.51	31.83	36.31	37.83
Jowar	..	6.74	9.90	7.58	8.10	10.41	9.50	10.52	12.06	11.44	11.65	10.43	11.57
Maize	..	3.14	4.12	4.82	7.49	5.56	7.26	6.36	5.97	6.20	5.60	6.96	6.76
Bajra	..	3.46	3.29	3.75	8.03	3.27	5.74	5.85	4.73	5.57	3.95	5.34	5.32
Other Cereals	..	6.77	6.69	5.27	6.93	6.88	7.91	6.13	7.25	7.23	5.77	6.29	6.64
(b) Pulses	..	11.71	12.73	9.94	11.82	10.01	13.04	11.36	11.97	12.18	8.57	10.63	11.35
Gram	..	5.42	6.26	4.22	5.20	4.01	5.88	5.42	5.41	5.74	3.36	4.33	4.57
B. Non-Foodgrains													
(a) Oilseeds**	..	5.50	6.87	6.40	9.26	8.53	9.91	7.82	9.06	9.35	7.86	8.08	10.90
Groundnuts	..	3.68	4.70	4.26	6.11	5.11	6.75	5.26	6.09	6.21	5.77	5.01	7.24
Rapeseed and Mustard	..	0.86	1.35	1.30	1.98	2.25	1.94	1.55	1.65	1.86	1.43	2.00	2.36
(b) Sugarcane	..	7.43	11.41	12.77	12.98	14.72	14.41	15.85	17.96	15.73	13.09	15.77	18.73
(in terms of gur)													
(c) Cotton	Bales <sup>Ⓐ</sup>	4.22	5.55	4.85	4.76	7.16	5.95	5.84	7.24	7.96	7.65	7.01	7.83
(d) Jute	Bales <sup>†</sup>	4.47	4.14	4.48	4.94	4.47	4.44	5.35	5.36	6.47	6.07	6.51	6.82
(e) Mesta	Bales <sup>†</sup>	1.15	1.11	1.30	1.26	1.36	1.47	1.75	1.79	1.86	1.89	1.65	1.58
(f) Potato	Tonnes	1.86	2.72	4.08	4.81	6.23	7.31	7.17	8.14	10.13	8.33	9.67	9.94

\*Final Estimates.

\*\*Include groundnuts, rapeseed and mustard, sesamum, linseed and castorseed.

Ⓐ Bale = 170 kgs.

†Bale = 180 kgs.

## 1.6 : AREA UNDER MAJOR CROPS

(In million hectares)

Group/Commodity	1955-56	1960-61	1965-66	1970-71	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82*
1	2	3	4	5	6	7	8	9	10	11	12	13
A. Foodgrains . . . . .	110.56	115.58	115.10	124.32	121.08	128.18	124.36	127.51	129.01	125.21	126.67	128.82
(a) Cereals . . . . .	87.34	92.02	92.39	101.78	99.05	103.73	101.37	104.02	105.35	102.95	104.21	104.95
Rice . . . . .	31.52	34.13	36.46	37.59	37.89	39.48	38.51	40.28	40.48	39.41	40.15	40.71
Wheat . . . . .	12.37	12.93	13.42	18.24	18.01	20.45	20.92	21.46	22.64	22.17	22.28	22.31
Jowar . . . . .	17.36	18.41	18.06	17.37	16.19	16.09	15.77	16.32	16.14	16.67	15.81	16.16
Maize . . . . .	3.70	4.41	4.62	5.85	5.86	6.03	6.00	5.68	5.76	5.72	6.00	5.90
Bajra . . . . .	11.34	11.47	11.83	12.91	11.29	11.57	10.75	11.10	11.39	10.58	11.66	11.66
Other cereals . . . . .	11.06	10.68	8.00	9.82	9.82	10.10	9.42	9.18	8.94	8.39	8.31	8.22
(b) Pulses . . . . .	23.22	23.56	22.72	22.53	22.02	24.45	22.98	23.50	23.66	22.26	22.46	23.87
Gram . . . . .	9.78	9.28	8.02	7.84	7.04	8.32	7.97	7.97	7.71	6.09	6.58	7.82
B. Non-Foodgrains:												
(a) Oilseeds**	12.09	13.77	15.25	15.42	15.64	15.23	14.83	15.39	15.90	15.07	15.56	16.65
Groundnuts . . . . .	5.13	6.46	7.70	7.33	7.06	7.22	7.04	7.03	7.43	7.16	6.80	7.45
Rapeseed and Mustard . . . . .	2.56	2.88	2.91	3.32	3.68	3.34	3.13	3.58	3.54	3.47	4.11	4.34
(b) Sugarcane . . . . .	1.85	2.42	2.84	2.62	2.89	2.76	2.87	3.15	3.09	2.61	2.67	3.19
(c) Cotton . . . . .	8.09	7.61	7.96	7.61	7.56	7.35	6.89	7.87	8.12	8.08	7.82	7.99
(d) Jute . . . . .	0.70	0.63	0.76	0.75	0.66	0.59	0.74	0.80	0.88	0.83	0.94	0.33
(e) Mesta . . . . .	0.23	0.27	0.35	0.33	0.32	0.33	0.35	0.37	0.38	0.38	0.36	0.33
(f) Potato . . . . .	0.28	0.38	0.48	0.48	0.59	0.62	0.62	0.66	0.80	0.69	0.73	0.77

\*Final Estimates.

\*\*Include groundnuts, rapeseed and mustard, sesamum, linseed and castorseed.

## 1.7 : YIELD PER HECTARE OF MAJOR CROPS

(Kgs./hectare)

Group/Commodity	1955-56	1960-61	1965-66	1970-71	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82 *
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>A. Foodgrains</b>	605	710	629	872	824	944	894	991	1022	876	1023	1033
(a) Cereals	639	753	675	949	907	1041	985	1100	1136	982	1142	1160
Rice	874	1013	862	1123	1045	1235	1088	1308	1328	1074	1336	1316
Wheat	708	851	827	1307	1338	1410	1387	1480	1568	1435	1630	1696
Jowar	387	533	429	466	643	591	667	739	709	699	660	716
Bajra	302	286	314	622	290	496	544	426	489	373	458	456
Maize	704	926	1005	1279	948	1203	1060	1051	1076	979	1160	1146
(b) Pulses	476	539	438	524	455	533	494	509	515	385	473	475
Gram	554	674	527	663	570	707	680	678	744	481	658	584
<b>B. Non-Foodgrains :</b>												
(a) Oilseeds**	474	507	419	601	545	651	528	585	588	534	519	655
Groundnuts	752	745	554	834	724	935	747	866	835	805	736	972
Rapeseed & Mustard	336	467	446	594	612	580	496	460	525	411	487	545
(b) Sugarcane (gur)	3289	4613	4502	4963	5087	5218	5529	5712	5096	5015	5906	5871
(c) Cotton	88	125	104	106	161	138	144	156	167	162	152	167
(d) Jute	1082	1183	1062	1186	1211	1367	1307	1210	1317	1310	1247	1479
(e) Mesta	905	742	665	684	769	805	894	883	882	898	825	862
(f) Potato	6639	7251	8513	9976	10598	11738	11573	12228	12555	12152	13113	12866

\*Final Estimates

\*\*Include groundnuts, rapeseed and mustard, sesamum, linseed and castorseed.



## 1.8 : STATE-WISE ESTIMATES OF PRODUCTION OF FOODGRAINS, 1974-75 TO 1981-82

(Thousand tonnes)

State	Year	Rice	Wheat	Coarse Cereals	Total Cereals	Total Pulses	Total Foodgrains
1	2	3	4	5	6	7	8
Andhra Pradesh	1974-75	5700.3	18.0	2949.9	8668.2	417.7	9085.9
	1975-76	6451.3	21.5	2534.2	9007.0	421.1	9428.1
	1976-77	4929.7	13.6	2180.4	7123.7	352.1	7475.8
	1977-78	5604.7	12.0	3035.2	8651.9	332.5	8984.4
	1978-79	7432.2	13.0	2815.7	10260.9	405.6	10666.5
	1979-80	6306.9	10.1	2883.9	9200.9	328.0	9528.9
	1980-81	7011.4	5.9	2559.8	9577.1	414.5	9991.6
	1981-82	7861.5	9.9	2994.9	10866.3	455.3	11321.6
Assam	1974-75	1983.7	77.9	13.7	2075.3	39.6	2114.9
	1975-76	2290.4	67.8	17.2	2375.4	35.6	2411.0
	1976-77	2133.0	71.0	14.2	2218.2	37.2	2255.4
	1977-78	2311.2	84.7	18.1	2414.0	38.1	2452.1
	1978-79	2172.3	69.2	18.0	2259.5	42.4	2301.9
	1979-80	1880.8	92.3	17.6	1990.7	41.0	2031.7
	1980-81	2522.8	118.3	17.5	2658.6	47.1	2705.7
	1981-82	2243.4	115.6	15.7	2374.7	52.2	2426.9
Bihar	1974-75	4539.6	2000.0	844.4	7384.0	866.9	8250.9
	1975-76	4855.2	2296.9	1202.6	8354.7	822.4	9177.1
	1976-77	4751.8	2470.1	1259.6	8481.5	702.3	9183.8
	1977-78	5495.1	2294.3	1223.7	9013.1	672.5	9685.6
	1978-79	5489.5	2502.1	1282.5	9274.1	703.0	9977.1
	1979-80	3594.9	1883.7	991.3	6469.9	634.6	7104.5
	1980-81	5635.1	2305.7	1137.4	9078.2	833.0	9911.2
	1981-82	4260.9	2568.8	981.6	7811.3	779.9	8591.2
Gujarat	1974-75	177.8	734.4	1149.0	2061.2	91.5	2152.7
	1975-76	572.2	1151.1	2616.9	4340.2	179.6	4519.8
	1976-77	567.5	1071.8	2201.7	3841.0	186.8	4027.8
	1977-78	669.3	1220.9	1834.1	3724.3	149.2	3873.5
	1978-79	534.5	1192.4	2527.6	4254.5	230.7	4485.2
	1979-80	437.2	1215.4	2161.3	3813.9	193.6	4007.5
	1980-81	556.6	1298.3	2353.7	4208.6	266.5	4475.1
	1981-82	736.7	1407.3	2595.1	4739.1	349.5	5088.6
Haryana	1974-75	393.0	1954.0	618.0	2965.0	374.3	3339.3
	1975-76	625.0	2428.0	1035.0	4088.0	952.0	5040.0
	1976-77	815.0	2735.0	834.0	4384.0	866.9	5250.9
	1977-78	965.0	2845.0	525.0	4335.0	1005.4	5340.4
	1978-79	1228.0	3398.0	623.0	5249.0	1084.3	6333.3
	1979-80	942.0	3283.0	457.0	4682.0	345.8	5027.8
	1980-81	1228.0	3492.0	820.0	5540.0	504.7	6044.7
	1981-82	1250.0	3682.0	764.0	5696.0	344.2	6040.2

1	2	3	4	5	6	7	8
Himachal Pradesh	1974-75	96.8	355.9	568.1	1020.8	33.1	1053.9
	1975-76	124.1	402.8	570.2	1097.1	31.5	1128.6
	1976-77	98.2	208.4	590.2	896.8	35.8	932.6
	1977-78	114.1	378.0	532.2	1024.3	39.4	1063.7
	1978-79	122.8	397.6	493.0	1013.4	44.9	1058.3
	1979-80	80.3	273.2	504.6	858.1	24.4	882.5
	1980-81	124.6	442.6	596.3	1163.5	20.0	1183.5
	1981-82	95.6	430.0	517.6	1043.2	15.8	1059.0
Jammu & Kashmir	1974-75	456.0	193.5	327.9	977.4	31.8	1009.2
	1975-76	423.1	154.3	405.8	983.2	23.8	1007.0
	1976-77	349.5	156.5	406.2	912.2	21.6	933.8
	1977-78	521.6	185.9	387.0	1094.5	26.5	1121.0
	1978-79	546.0	203.9	428.3	1178.2	36.6	1214.8
	1979-80	483.2	206.4	392.5	1082.1	29.5	1111.6
	1980-81	546.4	204.3	521.6	1272.3	35.0	1307.3
	1981-82	550.7	204.3	487.2	1242.3	31.8	1274.0
Karnataka	1974-75	1985.5	320.2	3540.4	5846.1	547.5	6393.6
	1975-76	2258.7	280.7	3918.2	6457.6	625.7	7083.3
	1976-77	1480.4	233.1	2656.4	4369.9	335.8	4705.7
	1977-78	2280.7	230.8	4169.9	6681.4	605.5	7286.9
	1978-79	2174.6	264.2	4391.9	6830.7	626.6	7457.3
	1979-80	2369.6	229.6	4133.9	6733.1	637.8	7370.9
	1980-81	2208.3	180.2	3028.6	5417.1	462.5	5879.6
	1981-82	2207.1	230.4	3551.8	5981.3	598.6	6587.9
Kerala	1974-75	1333.9	..	8.0	1341.9	13.8	1355.7
	1975-76	1364.9	..	6.8	1371.7	14.6	1386.3
	1976-77	1254.0	..	5.5	1259.5	17.3	1276.8
	1977-78	1294.6	..	3.7	1298.3	15.8	1314.1
	1978-79	1265.3	..	3.7	1269.0	16.9	1285.9
	1979-80	1293.1	..	2.9	1296.0	15.5	1311.5
	1980-81	1272.0	..	3.6	1275.6	22.3	1297.9
	1981-82	1246.9	..	3.5	1250.4	22.2	1272.6
Madhya Pradesh	1974-75	2421.4	2351.5	3014.3	7787.2	2233.2	10020.4
	1975-76	3843.9	2750.5	2866.8	9461.2	2539.6	12000.8
	1976-77	2797.4	2308.2	2560.1	7665.7	1910.0	9875.7
	1977-78	4437.5	3102.9	2756.7	10297.1	2044.4	12341.5
	1978-79	3562.1	3523.2	2519.2	9604.5	2123.0	11727.5
	1979-80	1825.4	2154.6	1948.5	5928.5	1606.6	7335.1
	1980-81	4053.0	3143.5	3204.6	10401.1	2010.5	12411.9
	1981-82	3798.5	3274.3	3263.3	10336.3	2384.1	12720.2

1	2	3	4	5	6	7	8
Maharashtra	1974-75	1398.9	775.7	4567.8	6742.4	1041.6	7784.0
	1975-76	2254.7	1260.2	4419.8	7934.7	1168.3	9103.0
	1976-77	2003.3	937.6	5778.5	8719.4	977.1	9696.5
	1977-78	2344.1	962.3	6137.1	9443.5	1012.5	10456.0
	1978-79	2200.8	951.3	5830.5	8982.6	1034.1	10016.7
	1979-80	1828.5	1006.0	6490.0	9324.5	1037.6	10362.1
	1980-81	2360.8	931.3	5634.5	8926.4	831.2	9757.6
	1981-82	2435.4	988.5	6108.4	9532.3	1039.1	10571.4
Manipur	1974-75	274.7	0.5	22.3	297.5	3.0	300.5
	1975-76	276.4	0.8	23.6	300.8	2.3	303.1
	1976-77	267.0	0.8	16.4	284.2	2.2	286.4
	1977-78	300.0	..	18.9	318.9	2.3	321.2
	1978-79	255.2	..	16.0	271.2	1.9	273.1
	1979-80	227.5	..	10.6	238.1	2.4	240.5
	1980-81	273.0	..	17.8	290.8	1.1	291.9
	1981-82	253.1	..	9.2	262.3	1.6	263.9
Meghalaya	1974-75	106.7	2.0	14.6	123.3	1.0	124.3
	1975-76	119.3	1.8	13.2	134.3	1.0	135.3
	1976-77	126.4	2.1	13.1	141.6	0.9	142.5
	1977-78	130.8	2.7	14.0	147.5	1.0	148.5
	1978-79	130.2	2.7	16.0	148.9	1.7	150.6
	1979-80	121.7	3.4	14.1	139.2	1.5	140.7
	1980-81	132.6	4.1	16.7	153.4	1.5	154.9
	1981-82	126.1	4.1	18.0	148.2	1.3	149.5
Nagaland	1974-75	38.6	..	19.9	58.5	2.0	60.5
	1975-76	66.5	..	20.1	86.6	2.0	88.6
	1976-77	68.8	..	21.9	90.7	2.8	93.5
	1977-78	71.5	..	9.2	80.7	4.6	85.3
	1978-79	76.5	..	9.2	85.7	2.3	88.0
	1979-80	51.2	..	11.5	62.7	2.1	64.8
	1980-81	91.4	..	11.8	103.0	2.3	105.3
	1981-82	99.2	..	12.4	111.6	2.7	114.3
Orissa	1974-75	3166.0	85.9	290.3	3542.2	428.4	3970.6
	1975-76	4531.8	107.4	400.6	5039.2	526.7	5565.9
	1976-77	3217.7	98.4	349.7	3665.8	409.6	4075.4
	1977-78	4319.2	127.4	435.5	4882.1	678.8	5560.9
	1978-79	4401.9	110.0	461.9	4973.8	791.2	5765.0
	1979-80	2917.7	82.3	304.9	3304.9	566.8	3871.7
	1980-81	4300.8	122.4	667.7	5090.9	886.1	5977.0
	1981-82	4692.0	118.4	582.3	5392.7	861.0	6253.7

1	2	3	4	5	6	7	8
Punjab	1974-75	1179.0	5300.0	1234.1	7713.1	244.6	7957.7
	1975-76	1447.0	5788.0	1190.1	8425.1	402.3	8827.4
	1976-77	1741.0	6272.0	853.5	8866.5	331.1	9197.6
	1977-78	2494.0	6642.0	888.2	10024.2	345.5	10369.7
	1978-79	3091.0	7423.0	847.3	11361.3	312.6	11673.9
	1979-80	3041.0	7896.0	795.8	11732.8	196.6	11929.4
	1980-81	3223.0	7677.0	802.8	11702.8	199.9	11902.7
	1981-82	3755.0	8553.0	858.9	13166.9	158.9	13325.8
Rajasthan	1974-75	100.2	1819.3	2097.1	4016.6	960.9	4977.5
	1975-76	223.6	2290.4	3138.1	5652.1	2083.2	7735.3
	1976-77	213.2	2300.7	2974.3	5488.2	2002.1	7490.3
	1977-78	236.5	2610.0	2277.5	5124.0	2034.4	7158.4
	1978-79	234.4	2874.1	2823.7	5932.2	1890.0	7822.2
	1979-80	100.4	2700.9	1600.0	4401.3	843.7	5245.0
	1980-81	149.8	2393.9	2783.1	5326.8	1169.7	6496.5
	1981-82	138.8	2942.4	2548.1	5629.3	1519.8	7149.1
Tamil Nadu	1974-75	3574.7	0.6	1107.3	4682.6	114.6	4797.2
	1975-76	5202.7	0.7	1852.4	7055.8	127.4	7183.2
	1976-77	4214.8	0.6	1944.4	6159.8	176.5	6336.3
	1977-78	5705.0	0.6	1848.8	7554.4	196.4	7750.8
	1978-79	5558.6	0.6	1825.0	7384.2	219.0	7603.2
	1979-80	5799.9	0.5	1666.3	7466.7	194.9	7661.6
	1980-81	4159.0	0.5	1180.6	5340.1	146.7	5486.8
	1981-82	5578.0	0.5	1434.1	7012.8	219.4	7232.0
Tripura	1974-75	326.0	1.3	..	327.3	1.2	338.5
	1975-76	366.5	4.9	..	371.4	1.7	373.1
	1976-77	340.9	9.3	..	350.2	2.6	352.8
	1977-78	363.2	9.6	..	372.8	2.1	374.9
	1978-79	368.4	7.7	..	376.1	2.0	378.1
	1979-80	301.0	9.0	..	310.0	2.0	312.0
	1980-81	390.0	10.3	..	400.3	2.3	402.6
	1981-82	350.1	8.1	..	358.2	1.9	360.1
Uttar Pradesh	1974-75	3523.4	7175.6	3569.6	14268.6	2185.0	16453.6
	1975-76	4294.0	8552.5	3973.9	16820.4	2656.7	19477.1
	1976-77	4290.9	8939.9	4048.9	17279.7	2628.8	19908.5
	1977-78	5202.5	9884.4	3725.0	18813.9	2421.0	21234.9
	1978-79	5964.3	11457.8	3321.0	20743.1	2336.1	23079.2
	1979-80	2552.8	9895.2	2423.9	14871.9	1555.2	16427.1
	1980-81	5569.7	13385.0	3467.1	22421.8	2523.6	24945.4
	1981-82	5726.0	12883.3	3342.7	21952.0	2268.2	24220.2

1	2	3	4	5	6	7	8
West Bengal	1974-75	6543.4	836.8	110.3	7490.5	375.5	7866.0
	1975-76	6866.3	1187.2	128.5	8182.0	410.7	8592.7
	1976-77	5948.9	1051.2	102.2	7102.3	351.5	7453.8
	1977-78	7494.6	1036.5	104.9	8636.0	334.2	8970.2
	1978-79	6676.9	998.2	102.0	7777.1	267.4	8044.5
	1979-80	5886.6	768.0	103.0	6757.6	304.5	7062.1
	1980-81	7465.6	473.2	104.4	8043.2	237.8	8281.0
	1981-82	5832.6	302.0	102.6	6237.2	235.5	6472.7
All India	1974-75	39578.9	24104.4	26128.7	89812.0	10014.2	99826.2
	1975-76	48739.8	28846.3	30408.6	107994.7	13039.6	121034.3
	1976-77	41916.8	29009.9	28878.8	99805.5	11361.3	111166.8
	1977-78	52670.4	31749.2	30014.8	114434.4	11972.4	126406.8
	1978-79	53773.4	35507.8	30437.9	119719.1	12182.9	131902.0
	1979-80	42330.3	31830.0	26968.5	101128.8	8571.6	109700.4
	1980-81	53631.4	36312.6	29017.7	118961.7	10626.8	129588.5
	1981-82	53593.2	37833.1	30283.7	121710.0	11351.3	133061.3

## 1.9 : PROGRESS OF SELECTED PHYSICAL AGRICULTURAL DEVELOPMENT PROGRAMMES

Programme	Unit	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82 (a.a.)	1982-83 (Target)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>High Yielding Varieties Programme:</b>													
Paddy	Million hectares	7.41	8.17	9.98	11.21	12.44	13.34	16.12	16.88	15.99	18.49	19.33	22.50
Wheat	„	7.86	10.18	11.03	11.19	13.46	14.52	15.80	15.89	15.03	17.39	17.66	18.00
Maize	„	0.44	0.60	0.87	1.09	1.13	1.06	1.24	1.35	1.35	1.39	1.51	2.00
Jowar	„	0.69	0.87	1.15	1.31	1.96	2.37	3.14	3.07	3.05	4.18	4.11	4.50
Bajra	„	1.77	2.50	3.00	2.53	2.90	2.27	2.63	2.94	2.96	3.80	4.07	4.00
Total HYP	„	18.17	22.32	26.04	27.33	31.89	33.56	38.93	40.13	38.38	45.25	46.68	51.00
Irrigated Area (cumulative utilisation)	„	39.37	40.82	42.18	43.65	45.30	46.91	48.49	50.65	52.60	54.60	57.45	59.80
Through Major & Medium	„	17.77	18.22	18.68	19.35	20.10	20.71	21.19	22.05	22.60	23.20	24.60	25.50
Minor*	„	21.60	22.60	23.50	24.30	25.20	26.20	27.30	28.60	30.00	31.40	32.85	34.30
Soil conservation (cumulative level at the end of the year)	„	13.80	15.21	18.06	18.99	19.96	20.85	21.70	22.57	23.40	24.02	24.88	25.80
<b>Consumption of Chemical Fertilizers:</b>													
Nitrogenous	Million tonnes	1.80	1.84	1.83	1.77	2.15	2.45	2.91	3.42	3.50	3.68	4.07	4.67-4.80
Phosphatic	„	0.56	0.58	0.65	0.47	0.46	0.64	0.87	1.11	1.15	1.21	1.32	1.53-1.57
Potassic	„	0.30	0.35	0.36	0.33	0.28	0.32	0.51	0.59	0.61	0.63	0.67	0.80-0.83
Total NPK	„	2.66	2.77	2.84	2.57	2.89	3.41	4.29	5.12	5.26	5.52	6.06	7.00-7.20

\*The figures for minor irrigation indicate the net benefit after allowing for seepage.

a.a. anticipated achievement.

## 1.10 : NET AVAILABILITY OF CEREALS AND PULSES

Year	Population (million)	Cereals				Net Availability** (million tonnes)	Pulses	Per Caput Net Availability		Total
		Net production (million tonnes)	Net imports (million tonnes)	Change in govern- ment stocks (million tonnes)	Net Availability (million tonnes)		Net Avail- ability (million tonnes)	Cereals	Pulses	
1	2	3	4	5	6	7	8	9	10	
1956	397.3	50.43	1.39	(-)0.60	52.42	10.23	360.5	70.4	430.9	
1961	442.4	60.89	3.49	(-)0.17	64.55	11.14	399.7	69.0	468.7	
1962	452.2	61.85	3.64	(-)0.36	65.85	10.24	399.0	62.0	461.0	
1963	462.0	60.19	4.55	(-)0.02	64.76	10.08	384.0	59.8	443.8	
1964	472.1	61.79	6.26	(-)1.24	69.29	8.81	401.0	51.0	452.0	
1965	482.5	67.33	7.45	(+)1.06	73.72	10.85	418.6	61.6	480.2	
1966	493.2	54.60	10.34	(+)0.14	64.80	8.68	360.0	48.2	408.2	
1967	504.2	57.65	8.66	(-)0.26	66.57	7.30	361.7	39.7	401.4	
1968	515.4	72.58	5.69	(+)2.04	76.23	10.57	404.1	56.0	460.1	
1969	527.0	73.14	3.85	(+)0.46	76.53	9.09	397.9	47.3	445.2	
1970	538.9	76.83	3.58	(+)1.12	79.29	10.20	403.1	51.9	455.0	
1971	551.3	84.53	2.03	(+)2.57	83.99	10.32	417.6	51.2	468.8	
1972	563.8	82.32	(-)0.49	(-)4.69	86.52	9.70	419.1	47.0	466.1	
1973	576.7	76.23	3.59	(-)0.31	80.13	8.66	380.8	41.1	421.9	
1974	589.8	82.82	5.16	(-)0.40	88.38	8.76	410.7	40.5	451.2	
1975	603.2	78.59	7.54	(+)5.56	80.56	8.76	366.1	39.7	405.8	
1976	616.9	94.50	6.91	(+)10.74	90.67	11.42	401.6	50.6	452.2	
1977	630.8	87.33	0.47	(-)1.63	89.43	9.96	388.5	43.3	431.8	
1978	645.0	100.13	(-)0.84	(-)0.25	99.53	10.69	423.0	45.2	468.2	
1979	659.4	104.75	(-)0.98	(+)0.36	103.41	10.79	429.6	44.9	474.5	
1980	674.1	88.49	(-)0.48	(-)5.78	93.78	7.63	380.0	30.9	410.9	
1981	689.0*	104.09	0.45	(-)0.24	104.78	9.30	416.6	37.0	453.6	
1982	704.3*	106.50	1.48	(+)1.18	106.80	9.93	415.5	38.6	454.1	

\*Provisional.

\*\*Net availability=Col. (3+4-5).

- NOTES: 1. Population figures from 1971 to 1980 are based on the latest projections made by the office of the Registrar General of India: Estimates for 1981 and 1982 mid-year population are provisional
2. Production figures relate to agricultural year July-June : 1956 figures correspond to the production of 1955-66 and so on for subsequent years.
3. Net production has been taken as 87.5% of the gross production, 12.5% being provided for feed, seed requirements and wastage.
4. Figures in respect of change in stocks with traders and producers are not known. The estimates of net availability above should not, therefore, be taken to be strictly equivalent to consumption.

## 1.11 : NET AVAILABILITY, PROCUREMENT AND PUBLIC DISTRIBUTION OF FOODGRAINS

Year	Net production of food-grains (million tonnes)	Net Imports (million tonnes)	Net Availability of food-grains—(million) tonnes)	Procurement (million tonnes)	Public Distribution (million tonnes)	Col. 3 as % of Col. 4	Col. 5 as % of Col. 2	Col. 6 as % of Col. 4
1	2	3	4	5	6	7	8	9
1956	60.67	1.37	62.64	0.04	2.08	2.2	0.1	3.3
1961	72.04	3.49	75.69	0.54	3.98	4.6	0.7	5.3
1962	72.10	3.63	76.08	0.48	4.37	4.8	0.7	5.7
1963	70.29	4.54	74.85	0.75	5.18	6.1	1.1	6.9
1964	70.61	6.25	78.11	1.43	8.67	8.0	2.0	11.1
1965	78.20	7.44	84.57	4.03	10.08	8.8	5.2	11.9
1966	63.30	10.31	73.48	4.01	14.09	14.1	6.3	19.2
1967	64.95	8.66	73.87	4.46	13.17	11.7	6.9	17.8
1968	83.17	5.67	86.81	6.81	10.22	6.6	8.2	11.8
1969	82.26	3.82	85.62	6.38	9.39	4.5	7.8	11.0
1970	87.06	3.55	89.49	6.71	8.84	4.0	7.7	9.9
1971	94.87	2.01	94.31	8.86	7.82	2.1	9.3	8.3
1972	92.02	(—)0.50	96.22	7.67	10.49	(—)0.5	8.3	10.9
1973	84.90	3.59	88.79	8.42	11.41	4.0	9.9	12.8
1974	91.58	5.16	97.14	5.65	10.79	5.3	6.2	11.1
1975	87.35	7.54	89.33	9.56	25	8.4	10.9	12.6
1976	105.90	6.92	102.08	12.85	9.17	6.8	12.1	9.0
1977	97.27	0.49	99.39	9.94	11.74	0.5	10.2	11.8
1978	110.61	(—)0.63	110.22	11.09	10.18†	(—)0.5	10.0	9.2
1979	115.41	(—)0.86	114.20	13.84	11.66†	(—)0.8	12.0	10.2
1980	95.99	(—)0.35	101.42	11.17	14.99†	(—)0.3	11.6	14.8
1981	113.39	0.45	114.08	12.94	13.01†	0.4	11.4	11.4
1982*	116.43	1.48	116.73	15.35	14.78	1.3	13.2	12.7

\*Provisional.

@Net availability = Net production + Net imports—change in Government stocks.

†Includes quantities released under the Food for Works Programme.

NOTE : Production figures relate to agricultural year, 1956 figures correspond to 1955-66, and so on. Figures for procurement and public distribution relate to calendar years.



## 1.12 : PER CAPUT AVAILABILITY OF CERTAIN IMPORTANT ARTICLES OF CONSUMPTION

Year	Edible oils (@ (Kgs.)	Vanaspati (Kgs.)	Sugar (Nov.—Oct.) (Kgs.)+	Cotton Cloth@@ (Metres)	Manmade fibre@@ fabrics (Metres)	Tea (Gms.) +	Coffee* (Gms.) +	Electricity (Domestic) (KWH)
1	2	3	4	5	6	7	8	9
1955-56 . . . . .	2.5	0.7	5.0	14.4	N.A.	257	67	2.4£
1960-61 . . . . .	3.2	0.8	4.7	13.8	1.2	287	80	3.4
1961-62 . . . . .	3.2	0.7	5.8	14.8	1.2	309	57	3.8
1962-63 . . . . .	3.1	0.8	5.4	14.4	1.2	294	72	4.2
1963-64 . . . . .	2.7	0.8	4.9	14.7	1.2	298	76	4.4
1964-65 . . . . .	3.6	0.8	5.1	15.2	1.6	309	78	4.7
1965-66 . . . . .	2.7	0.8	5.7	14.7	1.7	337	70	4.8
1966-67 . . . . .	2.7	0.7	5.1	14.0	1.7	365	85	5.2
1967-68 . . . . .	3.4	0.8	4.3**	13.6	1.7	351	53	5.7
1968-69 . . . . .	2.6	0.9	5.0	14.4	1.9	353	75	6.0
1969-70 . . . . .	3.0	0.9	6.1	13.6	2.0	377	59	6.5
1970-71 . . . . .	3.5	1.0	7.3	13.6	2.0	387	113	7.0
1971-72 . . . . .	3.0	1.1	6.7	12.4	2.2	392	45	7.3
1972-73 . . . . .	2.4	1.0	6.1	13.2	2.0	404	69	7.5
1973-74 . . . . .	3.4	0.8	6.1	12.0	1.9	430	65	8.1
1974-75 . . . . .	3.3	0.6	5.9	12.9	1.7	444	63	8.8
1975-76 . . . . .	3.5	0.8	6.2	12.6	2.0	455	63	9.7
1976-77 . . . . .	3.2	0.9	6.2	11.4	2.4	469	72	10.4
1977-78 . . . . .	3.8	0.9	7.3	9.5	4.0	479	72	10.9
1978-79 . . . . .	3.8	1.0	9.7	10.2	4.8	498	78	11.9
1979-80 . . . . .	3.7	1.0	8.0	10.1	4.6	518	73	12.1
1980-81 . . . . .	3.8	1.1	7.2	11.0	3.7	520	74	13.5
1981-82(P) . . . . .	4.6	1.2	8.1	10.7	4.3	553	77	14.4

P = Provisional.

@Include groundnut oil, rapeseed and mustard oil, coconut oil, sesamum oil, niger seed oil, Safflower oil, Soyabean oil and sunflower seedoil but excludes, oil used for manufacture of vanaspati.

@@Data relate to Calendar years : figures for 1955 are shown against 1955-56 and so on. Figures for Blended/Mixed Fabrics were not separately available prior to 1969. These have been included under man-made fibre fabrics.

\*Figures up to 1971-72 relate to coffee season and thereafter on calendar year basis. The figures for 1972-73 correspond to 1973 and so on.

£Relates to 1956.

+Relates to actual releases for domestic consumption.

\*\*From 1967-68 the sugar season is October-September.

## 1.13 : PRODUCTION AND IMPORTS OF FERTILISERS

(In '000 tonnes of nutrients)

Year	Nitrogenous Fertilizers			Phosphatic Fertilisers			Potassic Fertilisers*
	Production	Imports	Total	Production	Imports	Total	Imports
1	2	3	4	5	6	7	8
1955-56	80	53	133	12	..	12	10
1960-61	98	399	497	52	..	52	20
1961-62	145	307	452	66	..	66	25
1962-63	178	244	422	80	10	90	41
1963-64	222	228	450	107	13	120	49
1964-65	240	233	473	131	12	143	57
1965-66	233	326	559	111	14	125	73
1966-67	308	632	940	145	148	293	118
1967-68	367	867	1234	194	349	543	270
1968-69	543	844	1387	210	138	348	213
1969-70	716	667	1383	222	94	316	120
1970-71	830	477	1307	229	32	261	120
1971-72	952	481	1433	278	248	526	268
1972-73	1060	665	1725	326	204	530	325
1973-74	1060	659	1719	323	215	536	370
1974-75	1185	884	2069	327	281	608	437
1975-76	1535	950	2485	320	337	657	269
1976-77	1900	750	2650	480	23	503	278
1977-78	2000	758	2758	670	164	834	599
1978-79	2170	1228	3398	770	242	1013	517
1979-80	2226	1295	3521	757	237	994	473
1980-81	2164	1510	3674	841	452	1293	797
1981-82 (P)	3144	1054	4198	949	343	1292	644

\*There is no local production.

P = Provisional.

## 1.14 INDEX OF INDUSTRIAL

(Base 1

Group Code	Industry Group	Weight	Index					
			1974	1975	1976	1977	1978	1979
1	2	3	4	5	6	7	8	9
20.	Food manufacturing industries except beverage industries	7.74	97.9	106.0	110.8	118.4	138.4	130.0
21.	Beverage industries	0.69	142.4	186.1	262.6	347.0	387.9	279.2
22.	Tobacco industries	2.21	99.7	94.2	106.8	107.7	112.5	124.9
23.	Manufacture of textiles	17.43	102.6	101.3	105.7	103.3	109.7	110.0
24.	Manufacture of footwear, other wearing apparel etc.	0.34	89.9	91.0	90.7	80.4	73.1	75.8
25.	Manufacture of wood & cork except furniture	0.49	103.2	105.7	115.4	131.4	124.0	129.5
27.	Manufacture of paper and paper products	2.24	116.1	108.5	111.8	112.8	121.0	124.0
29.	Manufacture of leather & fur products except footwear etc.	0.32	109.3	118.5	102.9	104.2	71.6	72.3
30.	Manufacture of rubber products	2.22	121.0	123.1	121.7	127.9	143.2	142.7
31.	Manufacture of chemicals & chemical products	10.90	123.0	132.8	155.4	171.6	182.6	187.3
32.	Manufacture of products of petroleum & coal	1.62	113.0	119.2	124.8	132.7	140.9	153.4
33.	Manufacture of non-metallic mineral products except products of petroleum & coal	3.33	118.1	119.0	140.8	147.4	152.4	157.7
34.	Basic metal industries	8.84	104.2	116.4	139.7	144.8	144.9	138.9
35.	Manufacture of metal products except machinery and transport equipment	2.77	122.0	124.6	131.8	137.0	154.9	162.7
36.	Manufacture of machinery except electrical machinery	5.55	152.9	159.6	165.0	179.8	202.2	204.9
37.	Manufacture of electrical machinery, apparatus, appliances and supplies	5.30	113.1	120.3	129.9	145.5	151.2	163.3
38.	Manufacture of transport equipment	7.39	109.1	106.3	149.2	124.5	124.6	125.5
39.	Miscellaneous manufacturing industries	1.70	78.0	73.3	80.6	99.9	133.4	120.6
	Division 2-3 Manufacturing	81.08	111.9	116.0	130.3	135.1	144.3	144.6
	Division 1 Mining and Quarrying	9.69	113.2	127.9	136.8	139.9	142.1	148.5
	Division 5 Electricity	9.23	124.1	138.6	160.3	165.4	183.6	193.0
	General Index (Crude)	100.00	113.2	119.2	133.7	138.3	147.7	149.5

\*Provisional

## 1. National Income and Production

PRODUCTION  
1970 = 100)

Percentage change over the previous year											
1980	1981*	Jan.—Oct.		1975	1976	1977	1978	1979	1980	Jan.—Oct.	
		1981*	1982*							1981*	1982*
10	11	12	13	14	15	16	17	18	19	20	21
128.2	141.7	135.1	166.9	+8.3	+4.5	+6.9	+16.9	-6.1	-1.4	+10.5	+23.5
303.6	415.8	404.1	563.2	+30.7	+41.1	+32.1	+11.8	-28.0	+8.7	+37.0	+39.4
121.7	139.8	136.8	150.0	-5.5	+13.4	+0.8	+4.5	+11.0	-2.6	+14.9	+9.6
115.3	116.1	116.4	100.9	-1.3	+4.3	-2.3	+6.2	+0.3	+4.8	+0.7	-13.3
70.2	85.6	87.3	79.0	+1.2	-0.3	-11.4	-9.1	+3.7	-7.4	+21.9	-9.5
121.8	87.3	87.3	87.3	+2.4	+9.2	+13.9	-5.6	+4.4	-5.9	-28.3	No ch.
131.0	148.0	145.5	153.5	-6.5	+3.0	+0.9	+7.3	+2.5	+5.6	+13.0	+5.5
103.5	93.7	93.7	87.5	+8.4	-13.2	+1.3	-31.3	+1.0	+43.2	-9.5	-6.6
150.3	152.6	149.1	163.3	+1.7	-1.1	+5.1	+12.0	-0.3	+5.3	+1.5	+9.5
183.3	207.6	203.2	213.8	+8.0	+17.0	+10.4	+6.4	+2.6	-2.1	+13.3	+5.2
137.4	160.6	159.4	172.0	+5.5	+4.7	+6.3	+6.2	+8.9	-10.4	+16.9	+7.9
159.8	167.9	166.5	173.8	+0.8	+18.3	+4.7	+3.4	+3.5	+1.3	+5.1	+4.4
133.7	148.2	147.5	155.1	+11.7	+20.0	+3.7	+0.1	-4.1	-3.7	+10.9	+5.2
150.5	149.8	149.6	157.8	+2.1	+5.8	+3.9	+13.1	+5.0	-7.5	-0.5	+5.5
220.1	234.1	231.7	238.2	+4.4	+3.4	+9.0	+12.5	+1.3	+7.4	+6.4	+2.8
170.0	180.0	175.5	180.2	+6.4	+8.0	+12.0	+3.9	+8.0	+4.1	+5.9	+2.7
130.2	142.9	141.2	141.4	-2.6	+40.4	-16.6	+0.1	+0.7	+3.7	+9.8	+0.1
109.2	99.4	102.2	90.9	-6.0	+10.0	+23.9	+33.5	-9.6	-9.5	-9.0	-11.1
146.1	157.6	155.3	161.1	+3.7	+12.3	+3.7	+6.8	+0.2	+1.0	+7.9	+3.7
144.2	170.4	166.9	185.5	+13.0	+7.0	+2.3	+1.6	+4.5	-2.9	+18.2	+11.1
197.3	220.4	218.8	235.2	+11.7	+15.7	+3.2	+11.0	+5.1	+2.2	+11.7	+7.5
150.6	164.6	162.3	170.3	+5.3	+12.2	+3.4	+6.8	+1.2	+0.7	+9.3	+4.9

## 1.15 PRODUCTION OF SELECTED INDUSTRIES

Sl. No.	Industry	Unit	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82*	1981-82*				1982-83*	
											I Qr.	II Qr.	III Qr.	IV Qr.	I Qr.	II Qr.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>I. MINING</b>																
1.	Coal (incl. lignite)	Mn. Tonnes	76.3	102.7	105.0	104.6	105.2	106.8	118.8	130.8	29.0	28.8	33.8	39.2	31.4	29.9
2.	Petroleum, crude	Do.	6.8	8.4	8.9	10.8	11.6	11.8	10.5	16.2	3.8	3.7	4.1	4.6	4.8	5.1
3.	Iron ore	Do.	32.5	42.2	42.2	44.0	38.6	39.0	35.8	40.6	10.0	7.2	11.4	12.0	10.5	7.1
<b>II. METALLURGICAL INDUSTRIES</b>																
4.	Pig iron	Do.	6.99	8.55	10.06	9.51	9.49	8.62	9.58	9.70	2.31	2.33	2.47	2.59	N.A.	N.A.
5.	Steel ingots (incl. mini plants)	Do.	6.62	8.26	9.72	9.80	10.13	9.88	9.53	10.94	2.62	2.72	2.79	2.81	2.48	2.67
6.	Finished steel	Do.	4.81	5.92	6.89	6.98	6.60	5.96	5.95	7.27	1.72	1.80	1.91	1.84	1.54	1.67
7.	Steel castings	'000 Tonnes	62	62	63	70	75	73	71	75	17	25	14	19	20	23
8.	Aluminium (virgin metal)	Do.	166.8	187.3	208.7	178.5	213.7	191.9	199.1	206.8	52.3	52.8	50.7	51.0	51.9	61.4
9.	Copper (virgin metal)	Do.	9.3	20.5	23.7	21.0	18.5	18.8	21.8	24.7	3.9	7.0	8.1	5.7	6.8	6.8
<b>III. MECHANICAL ENGG. INDUSTRIES</b>																
10.	Machine tools	Mn. Rupees	430	1137	1163	1076	1328	1652	1962	2499	523	583	660	733	631	635
11.	Cotton textiles machinery (incl. spares/accessories)	Do.	303+	1313	1446	1436	1930	2362	3027	3111	792	847	837	635	613	735
12.	Jute mill machinery	Do.	11	N.A.	N.A.	N.A.	37	41	48	101	19	20	24	38	61	58
13.	Sugar mill machinery	Do.	139	330	401	410	352	316	242	263	63	56	76	68	82	88
14.	Cement machinery	Do.	42	57	123	231	387	253	336	437	112	106	77	142	121	109
15.	Railway wagons@	'000 Nos.	11.1	12.2	12.0	12.2	11.6	12.1	13.6	17.9	4.1	4.4	4.6	4.8	3.5	3.5

16. Automobiles (total) + +	'000 Nos.	87.9	72.7	91.3	84.4	103.4	104.6	121.1	154.4	34.6	38.1	39.9	41.8	35.4	35
(i) Commercial vehicles.	Do.	41.2	43.8	46.4	41.0	57.6	57.4	71.7	91.1	19.7	21.9	23.4	26.1	21.1	19.7
(ii) Car, jeep & land rovers	Do.	46.7	28.9	44.9	43.4	45.8	47.2	49.4	63.3	14.9	16.2	16.5	15.7	15.3	16.6
17. Motor cycles & scooters	Do.	97.0	182.7	229.5	226.0	254.9	246.6	317.1	315.9	85.2	66.5	76.8	87.4	95.8	94.7
18. Power driven pumps	Do.	259	275	309	355	378	347	431	340	78	79	78	105	86	83
19. Diesel engines (stat.)	Do.	65.0	135.5	111.5	133.8	143.5	144.6	173.9	172.2	41.6	44.1	43.2	43.3	41.0	41.1
20. Diesel engines (veh.)	Do.	3.2	4.2	4.5	3.2	3.6	2.4	5.2	7.1	1.9	1.9	1.6	1.7	1.6	1.1
21. Bicycles	Do.	2042	2332	3680	3183	3743	3736	4189	5051	1285	1195	1278	1293	1256	1161
22. Sewing machines	Do.	235	269	385	367	206	385	335	343	77	79	93	94	94	7

#### IV. ELECTRICAL ENGG. INDUSTRIES

23. Power transformers	Mn.K.v.a.	8.09	13.69	15.09	16.13	20.48	18.63	19.46	21.44	4.39	4.60	5.45	7.00	3.97	4.49
24. Electric motors	Mn. h.p.	2.72	3.53	3.68	3.96	3.94	3.74	4.06	4.40	1.10	1.27	0.88	1.15	0.90	1.12
25. Electric fans	Mn. Nos.	1.72	2.14	2.64	3.40	3.10	3.90	4.18	3.84	1.01	0.87	0.94	1.02	0.99	1.08
26. Electric lamps	Do.	119.3	132.8	161.9	168.5	180.4	203.5	198.1	266.3	60.0	66.7	68.1	71.5	65.6	66.4
27. Radio receivers	'000 Nos.	1794	1536	1685	1875	2001	2059	1734	1739	364	427	517	431	417	469
28. Electric cables :															
(i) Aluminium conductors	'000 Tonnes	64.2	59.8	84.2	57.6	67.5	69.1	86.0	70.3	19.6	18.5	16.3	15.9	12.1	11.5
(ii) Copper conductors	Do.	0.7	1.3	1.8	2.1	3.1	1.9	0.7	0.8	0.2	0.2	0.3	0.1	0.2	0.2

#### V. CHEMICAL AND ALLIED INDUSTRIES

29. Nitrogenous fertiliser (N)	'000 Tonnes	830	1535	1900	2014	2180	2226	2164	3144	691	754	865	834	731	855
30. Phosphatic fertiliser (P2O5)	Do.	229	320	474	662	770	757	842	949	200	242	262	245	235	259
31. Soda ash	Do.	449	555	571	573	581	542	559	632	158	149	158	167	131	125
32. Caustic soda	Do.	371	467	497	524	562	545	571	614	148	156	164	146	148	157

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
33. Paper & paper board	'000 Tonnes		755	836	899	961	1011	1058	1149	1237	293	314	327	303	310	310
<b>34. Rubber tyres &amp; tubes:</b>																
(i) Automobile tyres	Mn. Nos.		3.79	5.40	6.25	6.17	7.14	7.06	7.97	8.71	2.05	2.06	2.27	2.33	2.14	2.22
(ii) Automobile tubes	Do.		3.45	4.53	5.56	5.25	6.18	5.63	6.92	7.60	1.82	1.80	1.94	2.04	1.82	1.71
(iii) Bicycle tyres	Do.		19.20	24.47	22.86	28.53	32.18	27.61	27.00	26.00	6.10	6.40	6.30	7.20	6.80	7.40
(iv) Bicycle tubes	Do.		13.81	15.56	15.92	15.37	13.92	10.74	12.19	12.58	2.86	3.29	2.84	3.59	3.22	3.14
35. Cement@@	Mn. tonnes		14.3	17.2	18.8	19.3	19.3	17.6	18.6	20.9	4.8	5.2	5.7	5.2	5.6	5.7
36. Petroleum refinery products	Do.		17.1	20.8	21.4	23.2	24.2	25.8	24.1	28.2	6.8	7.1	7.2	7.1	7.0	8.0
<b>VI. TEXTILES INDUSTRIES</b>																
37. Jute textiles	'000 Tonnes		1060	1302	1186	1178	1047	1337	1392	1334	343	339	334	318	314	299
<b>38. Cloth Production :</b>																
(a) Cotton cloth :	Mn. Metres		7602	8091	7682	6834	7628	7533	8368	7983	1968	2043	2048	1924	1886	N.A.
(i) Mill sector	Do.		4055	3961	3739	3144	3317	3231	3434	2923	772	799	755	597	561	N.A.
(ii) Decentralised sector	Do.		3547	4130	3943	3690	4311	4302	4934	5060	1196	1244	1293	1327	1325	N.A.
(b) Mixed/blended cloth:	Do.		170	416	716	1650	1771	1529	1269	1535	405	426	387	317	301	N.A.
(i) Mill sector	Do.		107	257	422	985	998	851	729	877	241	265	217	154	157	N.A.
(ii) Decentralised sector	Do.		63	159	294	665	773	678	540	658	164	161	170	163	144	N.A.
(c) Man-made fibre fabrics :	Do.		951	880	902	1029	1370	1366	1351	1463	372	357	375	359	346	N.A.
(i) Mill sector	Do.		2	1	3	7	13	3	5	8	2	2	2	2	2	N.A.
(ii) Decentralised sector	Do.		949	879	899	1022	1357	1363	1346	1455	370	355	373	357	344	N.A.

39. Spun yarn (by Cotton Textile Mills) :															
(i) Cotton . . . . .	Mn. Kgs.	929	1002	963	843	947	951	1067	989	247	257	250	235	235	N.A.
(ii) Mixed/blended . . . . .	Do.	22	47	92	214	217	172	144	167	45	47	41	34	34	N.A.
(iii) 100% non-cotton yarn . . . . .	Do.	65	53	70	91	107	94	87	94	24	26	24	20	20	N.A.
40. Filament yarn :															
(a) Cellulosic . . . . .	Do.	38	37	43	44	44	43	43	43	10	11	11	11	9	N.A.
(i) Viscose . . . . .	Do.	36	35	41	42	42	41	41	41	10	11	10	10	8	N.A.
(ii) Acetate . . . . .	Do.	2	2	2	2	2	2	2	2	neg.	neg.	1	1	1	N.A.
(b) Synthetic . . . . .	Do.	10	16	18	20	26	26	31	38	9	10	10	9	10	N.A.
(i) Nylon . . . . .	Do.	9	14	16	16	19	17	20	23	5	6	6	6	6	N.A.
(ii) Polyester . . . . .	Do.	1	2	2	4	7	9	11	15	4	4	4	3	4	N.A.
41. Staple fibre :															
(a) Cellulosic . . . . .	Do.	62	68	84	86	97	85	83	84	20	24	25	15	12	N.A.
(i) Viscose . . . . .	Do.	62	67	84	86	96	85	83	84	20	24	25	15	12	N.A.
(ii) Acetate . . . . .	Do.	neg.	1	neg.	neg.	1	neg.	neg.	neg.	neg.	neg.	neg.	neg.	neg.	N.A.
(b) Synthetic : . . . . .	Do.	5	16	23	23	25	27	32	46	9	10	16	11	11	N.A.
(i) Polyester . . . . .	Do.	5	16	23	23	25	23	23	34	7	7	12	8	7	N.A.
(ii) Acrylic . . . . .	Do.	..	..	..	..	..	4	9	12	2	3	4	3	4	N.A.
<b>VII. FOOD INDUSTRIES</b>															
42. Sugar** . . . . .	'000 Tonnes	3740	4264	4843	6462	5844	3859	5148	8434	491	99	1792	4166	2298	178
43. Tea . . . . .	Mn. Kgs.	423	483	519	557	576	537	581	556	160	224	152	20	152	227
44. Coffee . . . . .	'000 Tonnes	71.4	90.7	89.4	103.6	114.9	120.2	139.5	136.4	45.2	21.0	17.9	52.3	51.8	27.1
45. Vanaspati . . . . .	Do.	558	500	541	572	678	618	753	865	203	221	228	213	232	229
<b>VIII. ELECTRICITY GENERATED***</b>															
	Bn. Kwh.	55.8	79.2	88.3	91.4	102.5	104.6	110.8	122.0	20.0	20.5	31.4	31.0	31.8	33.3

\*Provisional.

@Includes output in railway workshops.

@@Excludes white and wuyan factory.

†Excludes hosiery, textile testing instruments and spares/accessories.

+ +Includes buses, trucks and tempos 3 & 4 wheelers.

\*\*Annual figures relate to the sugar season which is October—September.

\*\*\*Relates to public utilities. Quarterly figures are tentative and may not add up to the annual figure.

neg. Negligible.

NA : Not available.



**1.16 : PROGRESS OF ELECTRICITY SUPPLY ALL INDIA (UTILITIES & NON-UTILITIES)  
INSTALLED PLANT CAPACITY**

(In Mw)

Year	Installed Plant Capacity						Non-Utilities*	Grand Total
	Utilities				Total			
	Hydel	Steam	Gas Turbine & Diesel	Nuclear				
1	2	3	4	5	6	7	8	
1960-61	1917	2436	300	..	4653	1001	5654	
1961-62	2419	2471	329	..	5219	1012	6231	
1962-63	2936	2538	327	..	5801	1124	6925	
1963-64	3167	3008	401	..	6576	987	7563	
1964-65	3389	3605	403	..	7397	1061	8458	
1965-66	4124	4417	486	..	9027	1146	10173	
1966-67	4757	4887	448	..	10092	1284	11376	
1967-68	5487	5975	421	..	11883	1270	13153	
1968-69	5907	6640	410	..	12957	1339	14296	
1969-70	6135	7196	351	420	14102	1417	15519	
1970-71	6383	7508	398	420	14709	1562	16271	
1971-72	6612	7818	404	420	15254	1635	16889	
1972-73	6785	8468	408	620	16281	1708	17989	
1973-74	6965	8652	406	640	16663	1793	18456	
1974-75	7529	9753	395	640	18317	2029	20346	
1975-76	8464	10579	434	640	20117	2132	22249	
1976-77	9025	11433	371	640	21469	2287	23756	
1977-78	10020	12681	327	640	23668	2506	26174	
1978-79	10833	14875	332	640	26680	2618	29298	
1979-80	11384	15991	433	640	28448	2849	31297	
1980-81	11791	17122	441	860	30214	2927	33141	
1981-82@	12215	18727	608	860	32410	2906**	35316	

@Provisional.

\*Data in respect of Railways under Non-Utilities from 1960-61 to 1963-64 are not available.

\*\*Quick estimate.

**1.17 : PROGRESS OF ELECTRICITY SUPPLY ALL INDIA (UTILITIES AND NON-UTILITIES)  
ENERGY GENERATED (GROSS)**

(In Mn. Kwh.)

Year	Energy Generated (Gross)							Grand Total
	Utilities					Total	Non-Utilities*	
	Hydel	Steam	Gas Turbine & Diesel	Nuclear				
1	2	3	4	5	6	7	8	
1960-61	7837	8732	368	..	16937	3186	20123	
1961-62	9814	9476	380	..	19670	3287	22957	
1962-63	11804	10177	384	..	22365	3862	26227	
1963-64	13957	12506	355	..	26818	3394	30212	
1964-65	14799	14390	374	..	29563	3570	33133	
1965-66	15225	17372	393	..	32990	3835	36825	
1966-67	16734	19295	346	..	36375	4137	40512	
1967-68	18658	22233	304	..	41195	4120	45315	
1968-69	20723	26394	317	..	47434	4208	51642	
1969-70	23046	27297	307	1339	51989	4555	56544	
1970-71	25248	27796	366	2417	55827	5384	61211	
1971-72	28024	31237	475	1189	60925	5459	66384	
1972-73	27196	35614	603	1133	64546	5970	70516	
1973-74	28972	34853	468	2396	66689	6107	72796	
1974-75	27875	39539	570	2206	70190	6488	76678	
1975-76	33302	42760	543	2626	79231	6695	85926	
1976-77	34836	49744	501	3252	88333	7282	95615	
1977-78	38007	50557	533	2272	91369	7559	98928	
1978-79	47159	52024	570	2770	102523	7607	110130	
1979-80	45478	55720	553	2876	104627	8193	112820	
1980-81	46533	60709	579	3001	110822	8405	119227	
1981-82@	49593	68512	860	3021	121986	8600**	130586	

@Provisional.

\*Data in respect of Railways under Non-Utilities from 1960-61 to 1963-64 are not available.

\*\*Quick estimate.

**1.18 : PROGRESS OF ELECTRICITY SUPPLY (UTILITIES ONLY)  
PERCENTAGE UTILISATION BY MAJOR CONSUMERS : ALL INDIA**

Year	Domestic	Commer- cial	Industrial power	Railways/ Tramways (Traction)	Agricul- ture	Others
1960-61	10.7	6.1	69.4	3.3	6.0	4.5
1965-66	8.8	6.2	70.6	4.0	7.1	3.3
1970-71	8.8	5.9	67.6	3.2	10.2	4.3
1975-76	9.7	5.8	62.4	3.1	14.5	4.5
1976-77	9.5	6.2	62.5	3.3	14.4	4.1
1977-78	9.9	6.4	61.6	3.3	14.6	4.2
1978-79	9.8	5.6	61.8	2.8	15.6	4.4
1979-80	10.8	6.0	58.9	2.9	17.2	4.2
1980-81	11.3	6.0	58.6	2.8	17.5	3.8
1981-82*	11.6	6.0	58.5	2.8	16.8	4.3

\*Provisional.

## 1.19 : OPERATIONS OF INDIAN GOVERNMENT RAILWAYS

	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82*
1	2	3	4	5	6	7	8
1. Route kilometres :							
Electrified . . . . .	4,659	4,720	4,720	4,723	4,820	5,345	5,473
Total . . . . .	60,216	60,666	60,693	60,777	60,933	61,240	61,230
2. Tonnes originating (in million)							
Revenue earning traffic . . . . .	196.8	212.6	210.8	199.6	193.1	195.9	221.2
Total traffic . . . . .	223.3	239.1	237.3	223.4	217.8	220.0	245.8
3. Net tonne-kilometres (in million)							
Revenue earning traffic . . . . .	134,874	144,030	150,250	143,870	144,559	147,652	164,253
Total traffic . . . . .	148,219	156,756	162,687	154,824	155,995	158,474	174,202
4. Earning from goods carried excluding wharfage and demurrage charges (Rs. crores) . . . . .	1095.7	1275.6	1298.6	1265.5	1394.1	1550.9	2250.3
5. Average lead (in Kms) (all-goods traffic) . . . . .	664	656	686	693	716	720	709
6. Average rate per tonne-kilometre (in paise) . . . . .	8.12	8.86	8.64	8.80	9.64	10.50	13.7
7. Passengers-originating (in million)	2,945	3,300	3,504	3,719	3,505	3,612	3,704
8. Passenger-kilometres (in million) .	148,761	163,836	176,635	192,946	198,657	208,558	220,787
9. Passenger-earning (Rs. crores) .	514.1	569.3	621.7	672.8	738.8	827.5	988.6
10. Average lead (in kms) (passengers traffic) . . . . .	50.5	49.6	50.4	51.9	56.7	57.7	59.6
11. Average rate per passenger- kilometre (in paise) . . . . .	3.46	3.47	3.52	3.49	3.72	3.97	4.48

\*Provisional

## 1.20 : REVENUE EARNING GOODS TRAFFIC

Sl. No.	Commodity	Tonnes originating (in million)								
		1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82 *	April—December	
									1981-82*	1982-83*
1	2	3	4	5	6	6	7	9	10	11
1.	Coal . . . . .	64.31	67.43	69.16	64.10	61.96	64.08	75.81	54.90	60.03
2.	Raw materials for steel plants (excl. coal) . . . . .	19.97	23.16	22.16	21.49	20.75	20.17	24.06	17.83	17.29
3.	Pig iron and finished steel from steel plants . . . . .	7.73	9.88	9.00	8.26	7.22	7.53	8.57	6.20	6.08
4.	Iron ore for export . . . . .	11.31	9.95	10.64	10.34	9.27	11.07	11.17	8.32	7.70
5.	Cement . . . . .	11.60	13.70	13.60	12.31	10.04	9.64	10.80	7.79	9.27
6.	Foodgrains . . . . .	16.18	19.96	19.44	16.70	18.35	18.33	21.51	15.23	17.12
7.	Fertilisers . . . . .	7.17	7.78	8.21	8.57	8.23	8.11	9.57	7.34	6.49
8.	Mineral oils . . . . .	11.66	12.40	13.06	14.30	14.27	14.95	16.55	12.25	12.62
9.	Balance (other goods) . . . . .	46.89	48.33	45.51	43.49	42.97	42.06	42.16	30.89	29.83
10.	Total revenue earning traffic	196.82	212.59	210.78	199.56	193.06	195.94	221.20	160.75	166.43

\*Provisional.

## ON INDIAN RAILWAYS

Net tonne kilometres (in million)								
1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82*	April—December	
							1981-82*	1982-83*
12	13	14	15	16	17	18	19	20
37654	38756	40552	36318	35340	36373	43962	31519	34896
3988	4639	4522	4464	4482	4253	5367	3912	3911
7758	9882	9553	9061	8063	8556	9887	7067	7378
7170	6408	7057	6871	6188	7293	6741	4859	4468
8627	9170	9200	8911	7442	7189	8079	5808	6880
15479	18757	22962	20522	23474	24308	27737	21043	21687
6158	7225	8135	8901	9239	8922	9694	7427	6092
7051	7552	8238	9988	10397	11661	12096	9072	8058
40989	41641	40031	38834	39934	39097	40690	29503	28665
134874	144030	150250	143870	144559	147652	164253	120210	122035

## 2.1 : BUDGETARY TRANSACTIONS OF THE CENTRAL AND STATE GOVERNMENTS AND UNION TERRITORIES

(Rs. crores)

	1978-79	1979-80	1980-81	1981-82		1982-83 (BE)
				(BE)	(RE)	
<b>I. TOTAL OUTLAY</b>	<b>27447</b>	<b>31117</b>	<b>36845</b>	<b>41109</b>	<b>43804</b>	<b>49211</b>
A. DEVELOPMENT (a)	17994	20298	24426	27088	28809	32300
B. NON-DEVELOPMENT	9453	10819	12419	14021	14995	16911
1. Defence (net)	2868	3356	3867	4200	4600	5100
2. Interest on Public Debt	2190	2665	2957	3664	3843	4460
3. Tax Collection-Charges	394	436	504	548	585	649
4. Police	834	955	1163	1234	1368	1474
5. Others (b)	3167	3407	3928	4375	4600	5228
<b>II. CURRENT REVENUE</b>	<b>20054</b>	<b>22545</b>	<b>24563</b>	<b>28857</b>	<b>30120</b>	<b>35855</b>
A. TAX REVENUE	15528	17683	19844	22191	23886	27566
1. Income and Corporation tax	2429	2732	2817	3134	3482	3945
2. Customs	2424	2924	3409	3833	4140	4997
3. Union Excise Duties	5367	6011	6500	7117	7501	8521
4. Sales Tax	2852	3302	4018	4448	4933	5670
5. Others	2456	2714	3100	3659	3830	4433
B. NON-TAX REVENUE (c)	4526	4862	4719	6666	6234	8289
(of which : Internal resources of public undertakings for the plan)	(1636)	(1777)	(1374)	(2794)	(2317)	(3890)
<b>III. GAP (I-II)</b>	<b>7393</b>	<b>8572</b>	<b>12282</b>	<b>12252</b>	<b>13684</b>	<b>13356</b>
Financed by :						
<b>IV. CAPITAL RECEIPTS (net) (A+B)]</b>	<b>6762</b>	<b>5911</b>	<b>8822</b>	<b>10271</b>	<b>11424</b>	<b>11668</b>
A. INTERNAL (net)	6049	5021	7152	8961	10098	10065
1. Market Loans (net) (d)	2096	2414	3163	3583	3682	4104
2. Small Savings (net)	847	1105	1121	1250	1300	1400
3. State and Public Provident Funds (net)	508	540	558	666	743	816
4. Special Deposits of Non-Government Provident Funds	402	460	604	610	675	700
5. Special Borrowings from RBI against Compulsory Deposits	125	(—)80	(—)70	25	25	100
6. Misc. Capital Receipts (net) (e)	2071	582	1776	2827	3673	2945
B. EXTERNAL (net)	713	890	1670	1310	1326	1603
1. Loans (net) (excluding PL 480)	364	584	798	1000	1060	1472
(i) Gross	834	994	1190	1421	1487	1925
(ii) Less : Repayments	470	410	392	421	427	453
2. Grants	267	386	436	365	383	302

	1978-79	1979-80	1980-81	1981-82		1982-83 (BE)
				(BE)	(RE)	
3. PL 480:						
(a) Dollar Credit	20	..	..	..	..	..
(b) Accounts under Indo-US Agreement 1974 (net)	(—)35	(—)49	(—)49	(—)69	(—)55	(—)66
4. Special Credits (net)	97	(—)31	(—)53	14	(—)62	(—)105
5. Loan from IMF Trust Fund	..	..	538	..	..	..
<b>V. OVERALL BUDGETARY DEFICIT</b>	<b>631</b>	<b>2661</b>	<b>3460</b>	<b>1981</b>	<b>2260</b>	<b>1688</b>

- (a) Includes plan expenditure of Railways, P & T and Non-departmental commercial undertakings financed out of their internal and extra-budgetary resources, including market borrowings and term loans from financial institutions to States Government public enterprises. Also includes developmental expenditure from loans given by the Central and State Governments to non-departmental undertakings, local bodies and other parties. However, it excludes a notional amount of Rs. 6 crores in 1978-79, Rs. 12 crores in 1979-80, Rs. 45 crores in 1980-81, Rs. 1 crores in 1981-82 (BE), Rs. 69 crores in 1981-82 (RE) and Rs. 2 crores in 1982-83 (BE) on account of conversion of loan capital given to non-departmental commercial undertakings into equity capital.
- (b) Includes general administration, pensions and ex-gratia payments to former rulers, famine relief (only non-plan portion), subsidies on food and controlled cloth, grants and loans to foreign countries, and loans for non-developmental purposes to other parties, but excludes contingency fund transactions. It also excludes notional transactions in respect of subscriptions to International Monetary Fund of Rs. 245 crores in 1978-79, Rs. 7 crores in 1979-80, Rs. 559 crores in 1980-81, Rs. (—)5 crores in 1981-82 (BE), Rs. (—)44 crores in 1981-82 (RE) and Rs. 161 crores in 1982-83 (BE).
- (c) Includes internal resources of Railways, Posts and Telegraphs and non-departmental commercial undertakings for the plan. Because of the change in the concept from the Sixth Plan period, the data for 1980-81 onwards are not comparable with those of the earlier years.
- (d) Includes market borrowings of State Government public enterprises also.
- (e) Excludes the notional receipts on account of repayments of loans by non-departmental commercial undertakings due to their conversion into equity capital. It also excludes notional transactions in respect of International Monetary Fund and contingency fund transactions.



## 2.2 : TOTAL EXPENDITURE OF THE

	Total First Plan	Total Second Plan	Total Third Plan	Total Annual Plans (1966-67 to 1968-69)	Total Fourth Plan	Total Fifth Plan <sup>@</sup>	1950-51
1	2	3	4	5	6	7	8
<b>1. Final Outlays</b>	<b>1853.6</b>	<b>3406.0</b>	<b>6701.1</b>	<b>5120.7</b>	<b>12744.6</b>	<b>23526.8</b>	<b>314.8</b>
(a) Government Consumption Expenditure	1241.3	1961.5	4256.0	3877.5	9775.4	17575.6	234.7
(b) Gross Capital Formation	612.3	1444.5	2445.1	1243.2	2969.2	5951.2	80.1
<b>2. Transfer Payments to the Rest of the Economy</b>	<b>931.9</b>	<b>1816.4</b>	<b>3483.8</b>	<b>3620.9</b>	<b>9489.5</b>	<b>23002.6</b>	<b>116.9</b>
(a) Current Transfers	809.2	1567.1	2982.9	3214.0	8035.8	19772.7	110.9
(b) Capital Transfers	122.7	249.3	500.9	406.9	1453.7	3229.9	6.0
<b>3. Financial Investments and Loans to the rest of the Economy (gross)</b>	<b>965.7</b>	<b>2600.2</b>	<b>5075.9</b>	<b>4739.8</b>	<b>10759.6</b>	<b>21144.9</b>	<b>72.0</b>
<b>4. Total Expenditure</b>	<b>3751.2</b>	<b>7822.6</b>	<b>15260.8</b>	<b>13481.4</b>	<b>32993.7</b>	<b>67674.3</b>	<b>503.7</b>

\*For 1965-66 excludes Rs. 53 crores as additional payments to IMF, IBRD, IDA & ADB following the change in the par value

†Excludes conversion of loans amounting to Rs. 33 crores into grants towards amortisation of State market loans.

‡Excludes notional loans of Rs. 4 crores for 1968-69 to Khadi and Village Industries Commission for the renewal of its past loans.

@Time period originally envisaged for the Fifth Plan.

2. *Budgetary Transactions*

## CENTRAL GOVERNMENT

(Rs. crores)

1955-56	1960-61	1965-66	1968-69	1973-74	1978-79	1979-80	1980-81	1981-82 (RE)	1982-83 (BE)
9	10	11	12	13	14	15	16	17	18
<b>421.8</b>	<b>740.4</b>	<b>1629.5</b>	<b>1661.5</b>	<b>3094.8</b>	<b>5276.0</b>	<b>6030.0</b>	<b>7081.5</b>	<b>8569.9</b>	<b>9632.1</b>
269.1	433.0	1109.1	1385.6	2312.5	3975.5	4502.4	5174.0	6096.0	7035.2
152.7	307.4	520.4	275.9	782.3	1300.5	1527.6	1907.5	2473.9	2596.9
<b>251.3</b>	<b>495.2</b>	<b>885.7</b>	<b>1176.1</b>	<b>2415.8</b>	<b>6745.3</b>	<b>7283.4</b>	<b>8213.8</b>	<b>9333.9</b>	<b>10520.6</b>
202.8	426.5	753.8	1048.0†	2059.5	5682.6	6063.8	6911.6	7800.7	8807.7
48.5	68.7	131.9	128.1	356.3	1062.7	1219.6	1302.2	1533.2	1712.9
301.4	570.0	1425.4*	1688.2‡	2620.2	5695.9	5190.9	7199.5	7756.1	8216.5
<b>974.5</b>	<b>1805.6</b>	<b>3940.6*</b>	<b>4525.8</b>	<b>8130.8</b>	<b>17717.2</b>	<b>18504.3</b>	<b>22494.8</b>	<b>25659.9</b>	<b>28369.2</b>

of the rupee. This is a nominal outlay as it is met by the issue of non-negotiable Govt. of India securities.

## 2.3 : GROSS CAPITAL FORMATION OUT OF THE BUDGETARY

	Total First Plan	Total Second Plan	Total Third Plan	Total Annual Plans (1966-67 to 1968-69)	Total Fourth Plan	Total Fifth Plan <sup>@</sup>	1950-51
1	2	3	4	5	6	7	8
<b>A. Gross Capital Formation by the Central Government</b>	<b>612.3</b>	<b>1444.5</b>	<b>2445.1</b>	<b>1243.2</b> <b>(1301.2)*</b>	<b>2968.7</b>	<b>5951.2</b>	<b>80.1</b>
(a) Fixed Assets	593.9	1362.3	2355.4	1410.6	2857.6	5222.1	79.5
(b) Works Stores	9.8	8.3	99.5	12.2	104.1	68.0	9.9
(c) Increase in Stocks of Food-grains & Fertilisers	8.6	73.9	(-)-9.8	(-)-179.6 <b>(-121.6)*</b>	7.0	661.1	(-)-9.3
<b>B. Gross Financial Assistance for Capital Formation</b>	<b>992.7</b>	<b>2460.3</b>	<b>4706.6</b>	<b>3884.3</b> <b>(3694.3)**</b>	<b>7942.2</b>	<b>19980.3</b>	<b>48.7</b>
(a) To State Governments	815.7	1373.2	2837.4	2127.2	4570.3	9668.9	41.1
(b) To Non-Departmental Commercial Undertakings <sup>†</sup>	81.1	932.4	1658.8	1593.5 <b>(1403.5)**</b>	2750.8	9390.8	5.2
(c) To others <sup>‡</sup>	95.9	154.7	210.4	163.6	621.1	920.6	2.4
<b>C. Gross Capital Formation out of the Budgetary Resources of the Central Govt. (A+B)</b>	<b>1605.0</b>	<b>3904.8</b>	<b>7151.7</b>	<b>5127.5</b> <b>(4995.5)</b>	<b>10910.9</b>	<b>25931.5</b>	<b>128.8</b>

<sup>†</sup>Public undertakings operated by autonomous Corporations and Companies.

<sup>‡</sup>Includes loans and grants to local authorities for capital formation.

\*Excludes transfer of Foodgrains to the Food Corporation of India amounting to Rs. 58 crores.

\*\*Excludes loans to Food Corporation of India for stock piling of foodgrains amounting to Rs. 190 crores.

<sup>@</sup>Time period originally envisaged for the Fifth Plan.

## RESOURCES OF THE CENTRAL GOVERNMENT

(Rs. crores)

1955-56	1960-61	1965-66	1968-69	1973-74	1978-79	1979-80	1980-81	1981-82 (RE)	1982-83 (BE)
9	10	11	12	13	14	15	16	17	18
152.7	307.4	520.4	275.9 (333.9)*	782.3	1300.5	1527.6	1907.5	2473.9	2596.9
177.4	302.0	549.1	448.7	711.4	1241.7	1443.3	1751.2	2427.4	2616.1
5.1	(-)-38.4	1.2	(-)-10.1	8.8	58.8	84.3	156.3	46.5	(-)-19.2
(-)-29.8	43.8	(-)-29.9	(-)-162.7 (-104.7)*	62.1	..	..	..	..	..
330.6	554.6	1285.0	1383.7 (1193.7)**	1882.3	5612.0	5701.2	7104.6	8358.5	9001.7
275.2	319.3	739.4	708.6	1190.8	3302.4	3243.6	3665.8	3969.5	4374.7
22.0	210.7	492.6	623.0 (433.0)**	583.1	2105.0	2234.9	3166.2	3963.2	4139.7
33.4	24.6	53.0	52.1	108.4	204.6	222.7	272.6	425.8	487.3
483.3	862.0	1805.4	1659.6 (1527.6)	2664.6	6912.5	7228.8	9012.1	10832.4	11598.6

## 2.4 : PLAN OUTLAY BY HEADS OF DEVELOPMENT : CENTRE, STATES AND UNION TERRITORIES

Rs. crores)

Heads of Development	Third Plan	Annual Plans	Fourth Plan	Fifth Five Year Plan		1979-80	Sixth Plan	1980-81	1981-82	1982-83
	(Actuals)	1966-69 (Actuals)	1969-74 (Actuals)	Outlay	Actuals	(Actuals)	Outlay 1980-85	(Actuals)	(Anticipated)	(Outlay)
1	2	3	4	5	6	7	8	9	10	11
1. Agriculture and allied sectors . . . . .	1088.9	1107.1*	2320.4*	4766.0	4864.9	1996.5	13274.7	2362.6	2544.2	2856.6
2. Irrigation and flood control . . . . .	664.7	471.0	1354.1	3434.0	3876.5	1287.9	9493.5	1377.0	1541.6	1754.1
3. Power . . . . .	1252.3	1212.5	2931.7	7016.0	7399.5	2240.5	19265.4	2656.8	3182.3	3894.6
4. Village & Small Industries . . . . .	240.8	126.1	242.6	510.0	592.5	255.7	1780.5	273.2	322.9	337.8
5. Industry and Minerals . . . . .	1726.3	1510.4	2864.4	9691.0	8988.6	2383.5	20407.1	3088.2	4323.7	5515.5
6. Transport and Communications . . . . .	2111.7	1222.4	3080.4	6917.0	6870.3	2044.9	15484.2	2509.5	3145.3	3128.6
7. Education . . . . .	588.7	306.8	774.3	1285.0	1710.3††	{ 263.0	2523.7	339.5	435.6	522.2
8. Scientific Research . . . . .	71.6	47.1	130.8	436.0						
9. Health . . . . .	225.9	140.2	335.5	682.0	760.8	223.1	1821.1	269.6	346.5	392.5
10. Family Planning . . . . .	24.9	70.4	278.0	497.0	491.8	118.5	1010.0	141.9	183.9	245.0
11. Water Supply and Sanitation . . . . .	105.7	102.7	458.9	971.0	1091.6	387.6	3922.0	517.5	640.2	695.7
12. Housing, Urban and Regional Development	127.6	73.3	270.2	1189.0	1150.0	368.8	2370.3	454.5	478.8	514.1
13. Welfare of Backward Classes . . . . .	99.1	73.6	164.6	777.0**	724.0**	247.9**	2930.3**	369.2**	446.1**	522.7**
14. Social Welfare . . . . .	19.4	11.2	64.4	86.0	88.2	30.7	272.0	38.1	52.5	66.6
15. Labour Welfare and Craftsmen Training . . . . .	55.8	34.8	31.1	1065.0@	817.2@	236.5@	2030.0@	{ 106.5\$	145.0\$	128.7\$
16. Other Programmes . . . . .	173.1	115.8	179.8							
17. Special Schemes :										
(i) Special Welfare Programmes . . . . .	..	..	123.6	..	..	..	..	..	..	..
(ii) Crash Scheme for Educated Unemployed	..	..	54.0	..	..	..	..	..	..	..
(iii) Advance Action for Fifth Plan . . . . .	..	..	120.0	..	..	..	..	..	..	..
<b>TOTAL . . . . .</b>	<b>8576.5</b>	<b>6625.4</b>	<b>15778.8@@</b>	<b>39322.0</b>	<b>39426.2</b>	<b>12176.5</b>	<b>97500.0</b>	<b>14832.4</b>	<b>18210.9</b>	<b>21081.7</b>

\*Includes Buffer Stock : Rs. 140 crores for 1968-69, Rs. 25 crores for 1969-70, Rs. 50 crores for 1971-72, Rs. 25 crores for 1972-73 and Rs. 24 crores for 1973-74. Thus the figure for buffer stocks during the Fourth Plan works out to Rs. 124 crores against the original plan provision of Rs. 255 crores.

\*\*Includes provision for Hill and Tribal Areas and also includes a provision for special Central additive for scheduled castes component plans from 1980-81.

@Includes provision for Nutrition.

@@Excludes expenditure on Nutrition (Rs. 3.7 crores).

†Includes new and renewable sources of energy.

††Includes Science and Technology.

\$Includes outlay for Special Employment Programme.

**2.5 : PLAN OUTLAYS BY HEADS OF DEVELOPMENT : CENTRE, STATES AND UNION TERRITORIES  
PERCENTAGE DISTRIBUTION**

Heads of Development	Third Plan (Actuals)	Annual Plans 1966-69 (Actuals)	Fourth Plan 1969-74 (Actuals)	Fifth Five Year Plan (1974-79)		1979-80 (Actuals)	Sixth Plan Outlay 1980-85	1980-81 (Actuals)	1981-82 (Anticipated)	1982-83 (Outlay)
1	2	3	4	5	6	7	8	9	10	11
1. Agriculture and allied sectors	12.7	16.7	14.7	12.1	12.3	16.4	13.6	15.9	14.0	13.6
2. Irrigation and flood control	7.8	7.1	8.6	8.7	9.8	10.6	9.7	9.3	8.5	8.3
3. Power . . . . .	14.6	18.3	18.6	17.8	18.8	18.4	19.8	17.9	17.5	18.5
4. Village & Small Industries . . . . .	2.8	1.9	1.5	1.3	1.5	2.1	1.8	1.8	1.8	1.6
5. Industry and Minerals . . . . .	20.1	22.8	18.2	24.6	22.8	19.6	20.9	20.8	23.7	26.2
6. Transport and Communications . . . . .	24.6	18.5	19.5	17.6	17.4	16.8	15.9	16.9	17.3	14.8
7. Education . . . . .	6.9	4.6	4.9	3.3	4.4	2.2	2.6	2.3	2.4	2.5
8. Scientific Research . . . . .	0.8	0.7	0.8	1.1						
9. Health . . . . .	2.6	2.1	2.1	1.7	1.9	1.8	1.9	1.8	1.9	1.8
10. Family Planning . . . . .	0.3	1.1	1.8	1.3	1.3	1.0	1.0	1.0	1.0	1.2
11. Water Supply and Sanitation	1.2	1.6	2.9	2.5	2.8	3.2	4.0	3.5	3.5	3.3
12. Housing, Urban and Regional Development . . . . .	1.5	1.1	1.7	3.0	2.9	3.0	2.4	3.1	2.6	2.4
13. Welfare of backward classes	1.2	1.1	1.0	2.0	1.8	2.0	3.0	2.5	2.4	2.5
14. Social Welfare . . . . .	0.2	0.2	0.4	0.2	0.2	0.3	0.3	0.3	0.3	0.3
15. Labour Welfare and Crafts-men training . . . . .	0.7	0.5	0.2	2.8	2.1	1.9	2.2	0.7	0.8	0.6
16. Other Programmes . . . . .	2.0	1.7	3.1							
<b>TOTAL . . . . .</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## 3.1 : EMPLOYMENT IN THE PUBLIC SECTOR

(as at the end of March)

(Figures in lakhs)

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	Sept. 1981 (P)
1	2	3	4	5	6	7	8	9	10	11	12
A. By Branch of Public Sector :											
1. Central Govt. .	28.41	29.18	29.39	29.89	30.47	30.82	30.96	31.34	31.78	31.95	32.06
2. State-Govts. .	42.82	45.75	47.00	47.62	48.97	50.20	51.60	53.09	54.78	57.54	57.83
3. Quasi-Govt. .	21.71	25.78	29.12	31.92	33.92	36.75	39.29	41.70	43.43	45.49	46.48
4. Local bodies .	19.14	19.00	19.28	19.41	19.85	19.89	20.15	20.63	20.80	19.86	20.24
TOTAL . . . . .	112.09	119.71	124.80	128.83	133.22	137.66	142.00	146.76	150.78	154.84	156.61
B. By Industrial Classification Division/Brief Description :											
0. Agriculture, hunting etc. . . . .	2.82	3.01	3.19	3.34	3.59	3.66	3.87	4.08	4.31	4.63	4.76
1. Mining and quarrying . . . . .	2.55	4.36	6.06	6.94	7.19	7.57	7.58	7.71	7.97	8.18	8.21
2. & 3. Manufacturing . . . . .	8.80	9.62	10.27	10.19	11.13	12.26	13.55	14.16	14.46	15.02	15.19
4. Electricity, gas and water etc. . . . .	4.60	4.94	5.37	5.08	5.36	5.63	5.99	6.34	6.61	6.83	6.86
5. Construction . . . . .	9.17	10.17	9.97	9.56	9.92	10.09	9.98	10.32	10.68	10.89	10.91
6. Wholesale and Retail Trade etc. . . . .	3.76	4.16	4.49	0.53	0.56	0.76	0.83	0.99	1.10	1.17	1.13
7. Transport, storage & communications . . . . .	22.52	23.03	23.13	23.64	24.18	24.67	25.20	25.97	26.51	27.09	27.33
8. Financing, Insurance, Real Estate etc. . . . .	..	..	..	5.11	4.90	5.34	5.80	6.47	6.91	7.48	7.72
9. Community, Social & Personal Services . . . . .	57.86	60.41	62.32	64.44	66.39	67.69	69.18	70.71	72.24	73.55	74.51
TOTAL . . . . .	112.09	119.71	124.80	128.88	133.22	137.66	142.00	146.76	150.78	154.84	156.61

P=Provisional.

NOTE : The National Industrial Classification (1970) has been introduced w.e.f. 1st April 1975 and hence [the figures from 1975 onwards are not comparable with those for earlier years. The data prior to March 1975 are based on Standard Industrial Classification (1960).

## 3.2 : EMPLOYMENT IN THE PRIVATE SECTOR

(as at the end of March)

(Figures in lakhs)

Industry Division Brief Description	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	Sept. 1981* (P)
1	2	3	4	5	6	7	8	9	10	11	12
0. Agriculture, hunting etc.	8.11	8.06	8.05	8.18	8.27	8.38	8.53	8.41	8.60	8.58	9.34
1. Mining and quarrying .	3.49	2.51	1.34	1.23	1.32	1.30	1.27	1.24	1.25	1.30	1.23
2. & 3. Manufacturing .	39.82	41.04	41.79	41.11	41.58	41.65	43.21	44.33	44.17	45.45	45.00
4. Electricity, gas and water etc. . . . .	0.45	0.45	0.42	0.39	0.35	0.35	0.34	0.34	0.34	0.35	0.36
5. Construction . . . . .	1.64	1.76	1.21	1.27	0.94	0.83	0.83	0.83	0.73	0.72	0.68
6. Wholesale and Retail Trade etc. . . . .	2.96	3.11	3.18	3.09	2.87	2.75	2.74	2.81	2.74	2.77	2.77
7. Transport, storage and communications . . . . .	0.85	0.79	0.77	0.79	0.74	0.71	0.61	0.71	0.71	0.60	0.60
8. Financing, Insurance, Real Estate etc. . . . .	..	..	..	1.69	1.83	1.86	1.80	2.01	2.06	1.96	1.97
9. Community, Social and Personal Services. . . . .	10.37	10.77	11.18	10.32	10.55	10.86	11.10	11.40	11.67	12.22	12.39
<b>TOTAL . . . . .</b>	<b>67.69</b>	<b>68.49</b>	<b>67.94</b>	<b>68.08</b>	<b>68.44</b>	<b>68.67</b>	<b>70.43</b>	<b>72.08</b>	<b>72.27</b>	<b>73.95</b>	<b>74.35</b>

P= Provisional.

\*Figures in respect of Manipur, Tripura, Nagaland and West Bengal have been repeated due to non-receipt of data.

NOTES : 1. Coverage in construction, particularly on private account is known to be inadequate.

2. The National Industrial Classification (1970) has been introduced w.e.f. 1st April, 1975 and hence the figures from 1975 onwards are not comparable with those for earlier years. The data prior to March 1975, are based on Standard Industrial Classification (1960).



4.1 : SOURCES OF CHANGE IN MONEY STOCK (M<sub>3</sub>)

(Rs. crores)

1	Outstanding as on March 31, 1977	Variations during							Out-standing as on Jan. 14 1983 P
		1977-78 March 31 to March 31	1978-79 March 31 to March 31	1979-80 March 31 to March 31	1980-81 March 31 to March 31	1981-82 March 31 to March 31	1981-82 March 31 to Jan. 15P	1982-83 March 31 to Jan. 14*P	
I. M <sub>1</sub> . (Money supply with the public)	16024	-1636	2904	2708	3370	1468	758	2849	27687
II. M <sub>3</sub> Aggregate monetary resources (1+2+3+4)	27781	5125	7206	7114	8321	6839	5928	8838	71224
1. Currency with the public	7873	758	1600	1422	1782	1031	670	1642	16108
2. Demand deposits with banks	8030	-2343	1208	1060	1569	680	381	1221	11425
3. Time deposits with banks	11757	6761	4302	4406	4951	5371	5170	5989	43537
4. Other deposits with RBI	121	-51	96	225	20	-243	-293	-14	154
III. Sources of change in money stock (M <sub>3</sub> )(1+2+3+4-5)									
1. Net bank credit to Govt. (A + B)	11804	1923	2203	4084	5704	4914	3151	4787	35294
A. RBI's net credit to Govt. (i + ii)	7762	-118	1772	2989	4038	3997	2142	2157	22472
(i) To Central Government	7147	-260	2190	2650	3551	3207	1741	3371	21857
(ii) To State Governments	615	142	-418	339	487	789	401	-1214	615
B. Other banks' credit to Govt.	4042	2041	431	1095	1666	917	1009	2630	12822
2. Bank credit to commercial sector (A + B)	18850	2372	4310	5479	5385	6676	6037	5788	48312
A. RBI's credit to commercial sector	898	56	296	296	154	344	202	429	(a) 1926
B. Other banks' credit to commercial sector	17953	2315	4014	5183	5231	6332	5835	5359	46387
3. Net foreign exchange assets of banking sector (A + B)	2528	1917	893	5	-613	-2069	-1733	-1101	1560
A. Reserve Bank's net foreign exchange assets	2599	1933	899	-43	-613	-2069	-1733	-1101	1605
B. Other banks' net foreign exchange assets	-70	-17	-6	48	-	..	..	..	-45
4. Government's currency liabilities to the public.	568	25	11	-12	27	19	30	22	660
5. Banking sector's net non-monetary liabilities other than time deposits with banks (A+B)	5969	1112	211	2443	2181	2701	1557	658	14602
A. Net non-monetary liabilities of RBI	3433	275	27	823	802	1162	464	429	6161
B. Net non-monetary liabilities of other banks (derived)	2536	837	184	1620	1379	1539	1093	229	8441

P = Provisional.

\*These disregard changes in components of sources on July 12, 1982 following reclassification of aggregates necessitated by the establishment of National Bank for Agriculture and Rural Development (NABARD).

(a) Excludes, since the establishment of NABARD, its refinance to banks.

Notes : 1. Figures may not add up to totals due to rounding.

2. The demand and time deposits data for March 31, 1979 and March 31, 1980 are worked out on the basis of the proportion in which demand and time deposits were placed for the last Fridays of March 1979 and March 1980 respectively.

## 4.2 : SCHEDULED COMMERCIAL BANKS : SEASONAL FLOW OF FUNDS

(Rs. crores)

	1977-78 Busy season	1978 Slack season	1978-79 Busy season	1979 Slack season	1979-80 Busy season	1980 Slack season	1980-81 Busy season	1981 Slack season	1981-82 Busy season (PR)	1982 Slack season (PR)	1981-82 Busy season Oct. 30 to Jan. 15	1982-83P Busy season Oct. 29 to Jan. 14	Out- standing as on Jan. 14, 1983 P
1	2	3	4	5	6	7	8	9	10	11	12	13	14
I. Deposit expansion :													
Demand deposit . . . . .	966	238	765	547	474	2	1149	467	271	457	9	653	9604
Time deposits . . . . .	1381	1752	1943	2273	1949	2627	2460	3061	1837	3287	1125	2039	41083
Total . . . . .	2347	1990	2708	2820	2423	2629	3609	3528	2108	3743	1134	2692	50687
II. Credit (Increase) . . . . .	1042	1498	1751	1615	1631	1132	3038	2308	1592	1456	1703	2684	33811
III. Net inflow of funds (I-II) . . . . .	1305	492	957	1205	792	1497	571	1220	516	2287	-569	8	.
IV. Borrowings from RBI* (in- crease-) . . . . .	203	-90	-142	-293	260	-50	-76	-79	-13	270	-43	-95	464
V. Investments in securities													
(a) Govt. securities . . . . .	1124	479	803	139	767	985	1306	-277	1036	1149	-122	202	12475
(b) Other approved securities..	128	246	272	364	317	520	263	690	408	795	190	246	6111
VI. Other sources/avenues . . . . .	-150	-143	24	995	-552	42	-922	886	-915	73	-603	-345	.
VII. Slack season variations expres- sed as percentage of variations in the preceding busy season		1978		1979		1980		1981		1982			
1. Return flow of credit a . . . . .		-144		-92		-69		-76		-91			
2. Liquidation of borrowings from RBI . . . . .		44d		206b		19d		104b		2077*c			

P = Provisional. PR = Partially Revised.

a There was no return flow of credit in the slack seasons. The figures given against this item represent expansion in slack season as per cent of expansion in previous busy season

b Figures represent increase in borrowings from RBI as per cent of previous busy season increase.

c Figures represent liquidation of borrowings from RBI as per cent of previous busy season increase.

d Figures represent liquidation in borrowings from RBI as percentage of previous busy season liquidation.

\*Following the establishment of NABARD on July 12, 1982 outstanding short term borrowings of RRBs from RBI under section 17[except under section 17(4) (a)] of RBI Act were transferred to NABARD. Hence data in Borrowings from RBI subsequent to July 12, 1982 relate to scheduled commercial banks other than RRBs.

Notes : (i) Data for demand and time deposits from 1978 slack season onwards have been reworked on the basis of uniform classification into demand and time liabilities of savings deposits.

(ii) Variations in bank credit are inclusive of credit extended through recourse to Participation Certificates.

## 4.3 : SCHEDULED COMMERCIAL BANKS : VARIATIONS IN SELECTED ITEMS

(Rs. crores)

1	2	Out- standing as on March 31, 1977	Variations during							Out- standing as on Jan. 14, 1983
			1977-78 (March 31 to March 31)	1978-79 (March 31 to March 31)	1979-80 (March 31 to March 31)	1980-81 (March 31 to March 31)	1981-82 (March 31 to March 31)	1981-82 (March 31 to Jan. 15)	1982-83 <sup>P</sup> (March 31 to Jan. 14)	
		3	4	5	6	7	8	9	10	11
1. Demand deposits . . . . .		7337	1530	1006	865	1243	513	246	1105	9604
2. Time deposits . . . . .		10709	2635	4038	4116	4631	5078	4920	5080	41083
3. Aggregate deposits . . . . .		18046	4165	5045	4981	5874	5591	5167	6985	50687
4. Borrowings from RBI* . . . . .		922	—591	225	173	—117	171	57	—320	463
5. Cash in hand and balances with RBI . . . . .		1717	426	1416	831	1049	750	21	—597	5592
6. Investments in Government securities . . . . .		3879	2028	406	1044	1633	888	977	2597	12475
7. Bank credit . . . . .		13500	1439	3220 (3037)	3455 (3498)	3561 (3854)	4246 (4360)	4300 (4378)	4083 (4105)	33811 (33793)
8. Bills rediscounted under the Bill Market Scheme . . . . .		188	—71	—9	2	—110	—4	—4	..	..
9. Gross bank credit (including bills rediscounted) . . . . .		13688	1368	3211 (3028)	3457 (3500)	3451 (3744)	4242 (4356)	4296 (4374)	4083 (4105)	33811 (33793)

P = Provisional.

\*Following the establishment of NABARD on July 12, 1982. Outstanding short-term borrowings from R.R.Bs from RBI under section 17 [except under section 17(4)(a)] of RBI Act. were transferred to NABARD. Hence data on borrowings from RBI subsequent to July 12, 1982 relate to scheduled commercial banks other than RRBs.

- NOTES : 1. Variations in bank credit since 1978-79 are based on bank credit figures inclusive of credit extended through recourse to Participation Certificates. Variations given in brackets for these years are based on bank credit exclusive of PCs issued to financial institutions. Variations in bank credit for earlier years are based on bank credit figures as reported by banks.
2. Data for demand and time deposits from 1978-79 onwards have been reworked on the basis of a uniform classification demand and time liabilities of saving deposits and are thus not comparable with those of 1977-78.
3. The demand and time deposits data for March 31, 1979 and March 31, 1980 are worked out on the basis of the proportion in which demand and time deposits were placed for the last Fridays of March 1979 and March 1980 respectively.

## 4.4 : SCHEDULED COMMERCIAL BANKS' OUTSTANDING ADVANCES AGAINST COMMODITIES COVERED UNDER SELECTIVE CREDIT CONTROLS

(Rs. crores)

Commodities	As on last Friday of				Variations during		
	March	September	March	September	1981-82	April—September	
	1981	1981	1982	1982	April-March	1981-82	1982-83
1	2	3	4	5	6	7	8
1. Paddy and rice . . . . .	113.2	62.3	120.8	88.2	7.6	-50.9	-32.6
2. Wheat . . . . .	14.7	15.7	16.0	18.9	2.0	1.0	2.9
3. Other foodgrains . . . . .	33.0	44.4	39.1	46.5	6.1	11.4	7.4
4. All foodgrains . . . . .	160.9	122.4	176.6	153.6	15.7	-38.5	-23.0
5. Sugar . . . . .	274.0	121.7	353.7	383.8	79.7	-152.3	30.1
6. Groundnut . . . . .	3.7	2.1	7.2	4.0	3.5	-1.6	-3.2
7. Rapeseed/mustard seed . . . . .	2.7	5.0	8.0	4.0	5.3	2.3	-4.0
8. Linseed . . . . .	0.4	0.6	0.6	0.5	0.2	0.2	-0.1
9. Castorseed . . . . .	0.5	0.2	0.7	0.4	0.2	-0.3	-0.3
10. Groundnut oil . . . . .	8.3	5.7	5.8	5.8	-2.5	-2.6	—
11. Rapeseed/mustard oil . . . . .	5.5	8.6	11.5	9.8	6.0	3.3	-1.7
12. Castor oil . . . . .	10.6	1.5	7.0	2.8	-3.6	-9.1	-4.2
13. Linseed oil . . . . .	0.4	0.9	1.6	1.3	1.2	0.5	-0.3
14. Vanaspati . . . . .	17.7	13.4	16.2	20.9	-1.5	-4.3	4.7
15. Cotton & Kapas* . . . . .	528.6	338.3	414.2	386.2	-114.4	-190.3	-28.0
(a) Indigenous . . . . .	511.0	318.3	393.9	359.9	-117.1	-192.7	-34.0
(b) Imported . . . . .	17.6	20.0	20.3	26.3	2.7	2.4	6.0
16. Raw Jute** . . . . .	109.2	95.2	129.7	85.1	20.5	-14.0	-44.6
17. Total (4 to 16) . . . . .	1122.5	715.6	1132.8	1058.2	10.3	-406.9	-74.6

NOTES : (1) Data are provisional.

(2) Food procurement advances are excluded.

(3) Raw jute is not covered under selective credit controls.

\* Inclusive of advances to Cotton Corporation of India.

\*\*Inclusive of advances to Jute Corporation of India.

## 4.5 : BRANCH EXPANSION OF PUBLIC SECTOR BANKS AND OTHER COMMERCIAL BANKS

Banks	Number of offices as on					Increase between 30-6-69 and 30-6-82	Increase in the number of offices in Rural Centres*	% of Col. 8 to Col. 7
	30-6-69	30-6-79	30-6-80	30-6-81	30-6-82			
1	2	3	4	5	6	7	8	9
A. State Bank of India . . . . .	1569	5052	5293	5700	6046	4477	2563	57.2
B. Subsidiaries of SBI . . . . .	893	2335	2447	2616	2813	1920	940	49.0
C. 14 Nationalised banks . . . . .	4134	14533	15356	16739	17800	13666	7654	56.0
D. Regional rural banks . . . . .	—	1965	2678	3598	5117	5117	4748	92.8
Total of public sector banks (A + B + C + D) . . . . .	6596	23885	25774	28653	31776	25180	15905	63.2
E. Six banks nationalised on 15-4-80 . . . . .	414	N.A.	272	2872	3037	2623	1208	46.1
Total of A + B + C + D + E . . . . .	7010	N.A.	28500	31525	34813	27803	17113	61.6
F. Other Indian scheduled commercial banks . . . . .	905	6126 @	2678 +	4023	4201	3296	1490	45.2
G. Foreign banks . . . . .	130	129	129	132	132	2	—1	..
H. Non-scheduled banks** . . . . .	217	62	66	27	31	—186	—40	—21.5
Total of all commercial banks . . . . .	8262	30202 @	32419 @	35707	39177	30915	18562	60.0

\*Rural Centres—Places with a population upto 10,000

\*\*The reduction in the number of offices of the non-scheduled banks is due to :—

- (i) the inclusion of some of them in the second schedule to the Reserve Bank of India Act, 1934 and
- (ii) taking over certain non-scheduled banks by the State Bank of India and other scheduled banks.

+Excludes the branches of six banks nationalised on 15-4-1980.

@Excludes one office of State Bank of India in Sikkim.

@@ Includes the branches of six banks nationalised on 15-4-80.

N.A. Not available.

NOTE : The increase in the number of offices in Rural Centres represents the difference between the number of offices at such centres as on 30th June, 1969 (classified on the basis of 1961 census) and the number of offices at Rural Centres as on 30th June, 1982 (classified on the basis of 1971 census).

## 4.6 : ADVANCES AGRICULTURE AND OTHER HITHERTO NEGLECTED SECTORS BY PUBLIC SECTOR BANKS

Accounts in '000s  
Amount in Rs. crores

1	June 1969		June 1978		June 1979		June 1980*		June 1981		December 1981†	
	No. of Accts.	Amount outstanding	No. of Accts.	Amount outstanding	No. of Accts.	Amount outstanding	No. of Accts.	Amount outstanding	No. of Accts.	Amount outstanding	No. of Accts.	Amount outstanding
	2	3	4	5	6	7	8	9	10	11	12	13
1. Agriculture :												
(a) Direct finance*	160	40.21 (1.3)	4701	1234.63 (9.2)	5932	1680.18 (10.4)	7385	2299.10 (11.5)	8496	2954.66 (12.3)	9563	3495.84 (13.3)
(b) Indirect finance	4	122.12 (4.1)	674	424.51 (3.2)	965	543.00 (3.3)	1159	656.79 (3.3)	1203	9260.01 (3.9)	1064	1026.07 (3.9)
2. Small-scale industries**	51	251.07 (8.3)	495	1643.73 (12.3)	589	2001.13 (12.7)	718	2639.88 (13.2)	844	3350.80 (14.0)	924	3763.32 (14.3)
3. Road and water transport operators	2	5.49 (0.2)	199	306.61 (2.3)	229	386.40 (2.4)	259	527.33 (2.6)	304	746.34 (3.1)	348	915.92 (3.5)
4. Retail trade & small business	33	19.37 (0.6)	1041	298.00 (2.2)	1313	413.46 (2.5)	1605	549.23 (2.7)	1824	677.50 (2.8)	2003	755.06 (2.9)
5. Professional and self-employed persons	8	1.91 (0.1)	575	87.19 (0.7)	672	119.18 (0.7)	758	153.78 (0.8)	888	195.10 (0.8)	944	219.36 (0.8)
6. Education	1	0.80 (.)	30	6.49 (0.05)	34	7.45 (0.05)	36	8.93 (0.04)	40	11.01 (0.05)	45	13.21 (0.05)
Total (1 to 6)	260	440.97 (14.6)	7715	4001.16 (29.9)	9733	5210.85 (32.1)	11920	6835.04 (34.1)	13599	8861.42 (37.0)	14891	10188.79 (38.8)
7. Housing	..	..	..	..	..	..	..	..	..	..	140	35.39 (0.1)
8. Consumption	..	..	..	..	..	..	..	..	..	..	221	15.46 (0.06)
Total (1 to 8)	..	..	..	..	..	..	..	..	..	..	15252	10239.64
Total advances by these banks		3017.00		13364.00		16220.00		20029.00		23950.00†		26251.00†

†Provisional.

\*Excludes advances to plantations other than developmental finance.

\*\*Number of units.

NOTES : 1. Figures may not add to totals due to rounding.

2. Figures within brackets indicate the percentage to total advances of these banks.

4.7 : STATE-WISE DISTRIBUTION OF BANK OFFICES, AGGREGATE DEPOSITS AND TOTAL CREDIT OF PUBLIC SECTOR BANKS@ AND THEIR PERCENTAGE SHARE OF ADVANCES TO PRIORITY SECTORS

State/Union Territory	No. of offices at the end of		Deposits (Rs. crores)		Bank credit (Rs. crores)		Share of priority sectors in bank credit (per cent)	
	June 1969	March 1982*	June 1969	March 1982*	June 1969	March 1982*	June 1969	June 1981*
1	2	3	4	5	6	7	8	9
<b>STATES</b>								
1. Andhra Pradesh . . . . .	444	2417	121.11	2203	122.09	1616	24.4	51.5
2. Assam . . . . .	67	428	33.20	415	12.85	193	10.3	46.1
3. Bihar . . . . .	269	1746	168.67	1904	52.05	794	9.1	59.1
4. Gujarat . . . . .	750	2357	401.31	3060	194.89	1784	15.9	39.7
5. Haryana . . . . .	140	706	48.78	780	23.15	590	28.2	69.1
6. Himachal Pradesh . . . . .	41	352	12.38	247	3.49	113	2.7	67.1
7. Jammu & Kashmir . . . . .	17	203	17.95	201	0.86	83	30.3	70.7
8. Karnataka . . . . .	510	2205	187.79	1976	143.04	1609	24.8	46.2
9. Kerala . . . . .	331	1196	116.79	1255	76.95	873	27.6	50.8
10. Madhya Pradesh . . . . .	332	1964	107.43	1384	63.14	864	22.3	57.0
11. Maharashtra . . . . .	946	3286	902.67	7269	911.79	5705	12.4	23.1
12. Manipur . . . . .	2	38	1.06	17	0.15	8	..	73.3
13. Meghalaya . . . . .	7	64	8.87	60	2.52	13	50.0	65.5
14. Nagaland . . . . .	2	44	1.07	23	0.06	9	40.0	72.0
15. Orissa . . . . .	96	784	29.49	493	14.60	342	11.2	59.8
16. Punjab . . . . .	290	1568	185.41	2307	50.29	1089	27.9	70.2
17. Rajasthan . . . . .	311	1283	73.73	905	38.20	655	16.8	54.0
18. Tamil Nadu . . . . .	721	2126	233.48	2452	311.32	2431	25.5	36.8
19. Tripura . . . . .	5	55	3.76	39	0.16	22	9.5	62.6
20. Uttar Pradesh . . . . .	639	3482	337.15	4063	153.74	2000	16.9	55.1
21. West Bengal . . . . .	428	1942	456.45	4450	525.80	2596	4.4	23.4
<b>UNION TERRITORIES</b>								
1. Chandigarh . . . . .	19	83	34.55	326	64.13	527	4.2	18.2
2. Delhi . . . . .	207	806	359.80	3752	244.90	3154	10.2	10.8
3. Goa, Daman & Diu . . . . .	83	236	48.68	377	19.68	150	12.6	38.7
4. Pondicherry . . . . .	11	45	5.06	65	4.74	42	12.9	53.3
5. All others** . . . . .	11	66	0.33	60	0.01	13	..	57.9
<b>TOTAL</b> . . . . .	<b>6,669</b>	<b>29482</b>	<b>3,896.97</b>	<b>40083</b>	<b>3,034.60</b>	<b>27275</b>	<b>14.9</b>	<b>36.6</b>

@Include State Bank of India and its subsidiaries and 20 Nationalised Banks.

\*Data are provisional.

\*\*Include Andaman & Nicobar Islands, Arunachal Pradesh, Dadra and Nagar Haveli, Lakshadweep and Mizoram for June 1969 and Sikkim also for March 1982.

NOTES : (1) Deposits exclude Inter-bank deposits.

(2) Bank credit excludes due from banks but includes amount of bills rediscounted with R.B.I./I.D.B.I./Other Financial Institutions and value of participation Certificates.

(3) The data relating to deposits and bank credit relate to the last Friday of the month and are based on monthly return on aggregate deposits and gross bank credit.

## 4.8 : CAPITAL MARKET : SELECTED INDICATORS

(Rs. crores)

1	Consents/acknowledgements granted by CCI for issue of capital to non-Govt. companies <sup>1</sup>			Capital raised by non-Govt. companies against consents <sup>**</sup>			Total	Deposits with joint stock companies (non-financial) <sup>@</sup>		Indices of security prices <sup>†</sup>			
	A	B	Total	Bonus	Loans	Others <sup>*</sup>		No. of companies accepting deposits	Total amount of deposits	Government & semi-Govt. securities	Debentures of joint stock companies	Pre-ference shares	Variable dividend industrial securities*
	Bonus	Others (consisting of initial, further, debentures and loans)											
2	3	4	5	6	7	8	9	10	11	12	13	14	
1961-62	10.07	171.23	181.30	7.46	15.85	85.19	108.50	1208 (570)	97.5	100.9	101.1	83.2	183.7
1965-66	4.90	209.80	213.98	6.24	16.64	83.07	105.95	1964 (987)	228.5	94.6	93.9	94.4	76.7
1970-71	40.57	55.60	96.17	51.80	6.75	63.74	122.29	1472g (629)	432.2b	99.0	93.5	87.5	101.9
1971-72	41.19	141.17	182.36	31.81	4.04	50.00	85.85	2234 (1227)	480.8j	98.6	99.1	96.8	95.1
1973-74	60.22	122.21	182.43	50.55	5.05	102.83	158.43	3048 (1685)	724.6 (146.3)	98.8	97.4	94.1	114.6
1974-75	74.79	124.51	199.30	79.18	10.63	75.06	164.87	2959 (1584)	754.3 (130.2)	97.2	96.2	90.9	112.5
1975-76	77.87	187.14	265.01	74.50	8.48	98.44	181.42	3589 (2200)	803.7 (146.6)	96.4	92.1	84.3	97.3
1976-77	122.62	243.75	366.37	93.57	66.12	106.33	266.02	N.A.	N.A.	97.0	90.5	80.8	103.9
1977-78	120.16	283.06	403.22	119.52	12.96	111.12	238.86	N.A.	N.A.	97.6	90.4	79.3	107.4
1978-79	99.90	173.28	273.18	111.26	19.52	141.14	258.05	N.A.	N.A.	97.7	89.3	81.1	130.4
1979-80	87.65	408.79	496.44	88.80	3.49	141.76	234.05	N.A.	N.A.	97.6	90.0	81.3h	143.2
1980-81	131.64	649.77	781.41	82.68	22.31	195.77	300.76	N.A.	N.A.	97.0	90.0	N.A.	159.7
1981-82 (upto Dec.)	111.52	619.07	730.59	34.63	8.27	288.87	331.77	N.A.	N.A.	—	—	—	—
1982-83 (upto Dec.)	162.22	968.9f	1131.13	41.35	6.74	298.29	346.38	N.A.	N.A.	—	—	—	—

<sup>1</sup> Refers to calendar years. Figures from 1970-71 onwards are not strictly comparable with those of preceding years on account of the changes made under the Capital Issues (Exemption) Order 1966 and 1969. Under 1966 order except for the bonus issues, private companies, banking and insurance companies and the Government companies are completely exempted from sections 3, 4 & 5 of the Capital Issues (Control) Act, 1947 and under 1967 order public limited companies are only required to file a statement of their capital issues proposal provided they conform to stipulated financial criteria, consequently the 'No objections are substituted by acknowledgement proposals'.

<sup>2</sup> Comprise of initial, further and debentures.

<sup>\*\*</sup>Refers to calendar years. The data do not take into account the capital raised by companies for which no reports are received.

<sup>@</sup>Figures outside brackets cover both public and private limited companies and those within brackets relate to private companies only.

<sup>†</sup>For 1961-62, the base is 1952-53 = 100. From 1965-66 to 1970-71, the revised base is 1961-62 = 100 and from 1971-72 onwards it is 1970-71 = 100.

<sup>b</sup> Figures of deposits include certain loans and other receipts that have been exempted from the directions of the RBI issued from time to time.

Deposits exclude loans obtained from foreign sources.

<sup>g</sup> Include three branches of foreign company.

<sup>h</sup> Relate to average of 8 months only as the series has been discontinued from December 1979.

N.A. Not available.

\* Consequent upon the nationalisation of some of the banks, all the scrips included in the sub-group 'Banks' in the 'Financial' group under the 'Variable Dividend Industrial Securities' have been transferred to sub-group 'other industries' with effect from March 1970.



## 4.9 : CAPITAL MARKET : FINANCIAL ASSISTANCE SANCTIONED AND DISBURSED BY FINANCIAL INSTITUTIONS

(Rs. crores)

	1961-62		1965-66		1970-71		1975-76		1979-80		1980-81		1981-82		April-Sept. 1981-82		April-Sept. 1982-83*	
	Sanctioned	Disbursed	Sanctioned	Disbursed	Sanctioned	Disbursed	Sanctioned	Disbursed	Sanctioned	Disbursed	Sanctioned	Disbursed	Sanctioned	Disbursed	Sanctioned	Disbursed	Sanctioned	Disbursed
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Industrial Finance Corporation of India*	26.7	8.3	45.9	27.1	32.3	17.4	51.3	34.7	137.9	91.0	206.6	108.9	221.9	169.0	112.6	69.9	129.4	98.0
2. Industrial Credit and Investment Corporation of India (Revised)*	14.8	8.6	29.3	25.8	43.0	29.8	78.6	61.1	204.3	135.8	314.1	185.3	307.5	268.0	148.2	107.1	210.4	123.8
3. Industrial Development Bank of India‡	..	..	63.0	35.3	73.3	55.8	245.5	175.0	1060.2	656.0	1257.7	758.5	1469.7	897.1	797.5	416.5	648.6	499.4
4. Industrial Reconstruction Corporation of India	..	..	..	..	..	..	5.3	4.6	15.7	12.5	17.9	16.8	46.9	28.0	25.6	6.7	29.5	13.6
5. State Financial Corporations	13.3	9.0	23.3	18.6	49.6	33.5	162.9	100.1	263.8	184.8	370.5	248.0	501.1	315.4	N.A.	N.A.	N.A.	N.A.
6. State Industrial Development Corporations*	..	..	1.7	1.4	19.3	11.0	37.0	26.4	157.7	85.3	216.4	124.6	281.8	183.7	N.A.	N.A.	N.A.	N.A.
7. Unit Trust of India	..	..	2.1	1.7	9.2	5.1	7.1	5.2	74.8	63.9	40.4	51.0	85.5	62.7	39.0	27.5	36.7	30.4
8. Life Insurance Corporation of India	..	..	..	..	..	..	..	..	..	..	70.0	65.6	165.5	135.9	118.7	43.2	50.1	29.8
9. General Insurance Corporation of India	..	..	..	..	..	..	..	..	..	..	30.8	44.0	50.1	33.7	25.3	12.6	47.3	20.4

\*Provisional.

N.A. Not available.

‡Comprising direct loans (Export Loans) refinance to banks and rediscounts, Refinance to SFCs/SIDCs/ SIICs and subscriptions to shares and bonds of other financial institutions and seed capital assistance through SIDCs indicated separately within brackets are excluded to avoid double counting as they are covered under assistance from financial institutions.

NOTES : 1. In the case of I.F.C.I. and I.C.I.C.I. figures from 1965-66 are on post-devaluation basis.

2. Prior to the institution of the I.D.B.I., the Refinance Corporation for industry had given refinance facilities of the total value of Rs. 65.5 crores since its inception in 1958 to 31st August 1964 of which refinance disbursed totalled Rs. 42.2 crores during the period July 1964 to June 1965, I.D.B.I. which took over the R.C.I. disbursed refinancing facilities of Rs. 21.2 crores.

3. Data in respect of S.I.D.Cs. relate to 16 S.I.D.Cs. and 2 S.I.I.Cs for the year 1970-71 and 20 notified S.I.D. Cs. and S.I.I.Cs. for 1976-77.

4. Since February 1963, the National Industrial Development Corporation has not entertained fresh applications for loans on the purpose of modernisation and expansion of cotton, jute and textile mills and machine tool industry. However, it continues to render consultancy service through its consultancy Bureau.

## 5.1: INDEX NUMBERS OF WHOLESALE PRICES

(Base : 1970-71 = 100)

	Primary Articles						Fuel, Power, Light & Lub- ricants	Manufactured Products						All Commo- dities
	Total	Food Articles		Non- Food Articles	Miner- als	Total		Food Pro- ducts	Texti- les	Chemi- cals & Chemi- cal Pro- ducts	Basic Metals, & Metal Products	Machi- nery & Transport Equip- ment		
		Total	Food grains											
Weight . . .	41.67	29.80	12.92	10.62	1.25	8.46	49.87	13.32	11.03	5.55	5.97	6.72	100.00	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<i>Last week of</i>														
1971-72 . . .	100	101	108	95	120	110	115	129	112	103	111	108	108.2	
1972-73 . . .	119	116	127	124	140	112	125	151	119	107	118	115	121.5	
1973-74 . . .	160	150	160	158	414	189	151	166	153	135	174	135	158.0	
1974-75 . . .	172	171	199	146	423	206	170	175	158	178	178	168	173.9	
1975-76 . . .	149	142	146	133	449	229	163	154	145	168	187	172	162.6	
1976-77 . . .	179	165	161	181	469	232	177	185	167	172	191	169	182.1	
1977-78 . . .	179	172	172	165	481	243	176	160	176	175	198	177	182.7	
1978-79 . . .	182	170	171	177	506	251	189	166	187	181	221	196	191.1	
1979-80 . . .	217	189	192	203	1000	304	232	247	212	215	260	227	232.0	
1980-81 . . .	249	218	226	228	1175	400	267	313	219	251	302	249	270.7	
1981-82 . . .	261	235	235	233	1115	438	264	248	228	264	334	273	277.1	
<i>Average of weeks</i>														
1971-72 . . .	101	101	103	99	115	106	110	118	110	102	105	105	105.6	
1972-73 . . .	111	111	120	108	124	110	122	150	113	105	114	112	116.2	
1973-74 . . .	142	137	142	147	225	131	140	171	135	116	139	123	139.7	
1974-75 . . .	178	172	196	164	424	198	169	187	160	169	173	156	174.9	
1975-76 . . .	166	164	174	140	440	219	171	181	147	176	185	173	173.0	
1976-77 . . .	167	155	153	167	449	231	175	189	155	171	190	170	176.6	
1977-78 . . .	184	174	170	178	477	234	179	184	173	173	194	173	185.8	
1978-79 . . .	182	172	173	170	491	245	180	157	179	177	211	184	185.8	
1979-80 . . .	207	187	185	195	780	283	216	215	203	199	252	216	217.6	
1980-81 . . .	238	208	217	218	1110	354	257	309	213	241	272	239	257.3	
1981-82 . . .	264	235	237	241	1169	428	271	299	224	260	317	265	281.3	
1981-82														
April . . .	251	219	227	231	1175	401	275	336	222	252	303	258	275.7	
May . . .	256	225	230	234	1176	401	276	333	223	254	305	260	277.9	
June . . .	259	228	233	239	1176	401	277	335	224	255	306	259	279.8	
July . . .	270	241	239	247	1176	427	276	327	225	258	306	262	286.2	
August . . .	274	244	247	250	1176	438	277	326	225	261	309	264	289.2	
September . . .	269	238	247	247	1189	438	272	308	225	262	310	264	284.8	
October . . .	268	238	243	241	1217	438	271	302	224	262	312	265	284.1	
November . . .	266	239	239	238	1169	438	268	283	224	263	323	268	281.5	
December . . .	265	237	236	238	1169	438	265	265	223	263	332	269	279.5	
January . . .	268	238	238	246	1153	438	266	268	223	264	333	271	281.1	
February . . .	265	238	236	240	1134	438	263	256	224	264	333	271	278.7	
March . . .	262	236	234	235	1115	438	263	247	226	264	334	272	277.1	
1982-83														
April . . .	259	233	235	230	1116	437	265	243	230	264	349	275	276.9	
May . . .	261	235	231	234	1111	439	266	248	229	264	349	276	278.5	
June . . .	271	246	235	242	1111	447	271	268	229	264	349	276	285.9	
July . . .	280	256	242	242	1122	457	274	275	229	266	349	276	291.7	
August . . .	284	261	254	250	1122	457	276	281	230	266	349	276	294.4	
September . . .	277	253	253	247	1122	457	274	272	231	269	351	276	290.9	
October . . .	274	247	251	249	1122	457	275	271	233	269	353	276	289.7	
November . . .	274	247	252	249	1122	457	273	265	233	270	357	276	289.1	
December . . .	273	246	249	249	1122	457	270	252	233	270	357	277	287.1	

Figures from May 1982 are provisional

## 5.2 : INDEX NUMBERS OF WHOLESALE PRICES—SELECTED COMMODITIES/COMMODITY GROUPS

(Base : 1970-71 = 100)

	Rice	Wheat	Pulses	Raw cotton	Raw jute	Ground-nuts	Coal	Mineral oils	Sugar, khand-sari & gur	Edible oils	Cotton yarn	Cotton cloth (Mills)	Jute-hemp & mesta textiles	Fertilizers	Cement	Iron steel & ferro-alloys
Weight . . . . .	5.13	3.42	2.18	2.25	0.43	1.82	1.04	4.91	7.24	3.72	1.38	3.80	1.22	1.25	0.70	3.47
1 . . . . .	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<i>Last week of</i>																
1971-72 . . . . .	105	103	118	83	103	83	111	112	164	86	120	114	118	104	170	112
1972-73 . . . . .	121	110	150	103	120	131	111	114	177	116	133	120	108	107	109	119
1973-74 . . . . .	162	120	199	178	184	159	122	236	172	161	176	150	159	126	117	169
1974-75 . . . . .	189	189	196	137	105	147	144	248	189	155	151	170	145	222	169	178
1975-76 . . . . .	147	153	148	144	131	95	198	267	181	103	144	158	132	190	172	190
1976-77 . . . . .	157	159	171	209	143	173	198	268	192	167	196	171	132	179	174	187
1977-78 . . . . .	149	162	244	179	151	151	212	272	154	157	197	182	158	176	185	191
1978-79 . . . . .	158	159	240	166	138	145	212	279	162	162	205	186	179	165	213	219
1979-80 . . . . .	195	163	240	167	131	204	336	335	282	204	241	202	230	170	234	262
1980-81 . . . . .	208	183	341	226	130	253	432	468	372	245	244	221	179	260	234	313
1981-82 . . . . .	232	204	302	200	145	242	432	513	248	251	258	236	184	278	366	354
<i>Average of weeks</i>																
1971-72 . . . . .	103	100	111	108	96	88	102	108	141	88	118	111	114	101	105	106
1972-73 . . . . .	116	107	138	92	110	104	111	112	188	99	123	115	111	106	110	118
1973-74 . . . . .	140	108	177	138	99	166	122	142	192	148	152	134	120	114	112	143
1974-75 . . . . .	183	183	216	169	104	173	144	240	200	172	178	173	158	203	148	171
1975-76 . . . . .	179	160	182	136	117	129	184	257	214	135	141	162	131	215	171	184
1976-77 . . . . .	157	152	146	198	127	142	198	268	218	143	178	166	125	187	174	187
1977-78 . . . . .	162	157	215	193	149	172	199	268	185	176	197	179	142	177	177	188
1978-79 . . . . .	161	154	247	169	147	146	212	270	147	159	200	184	161	175	197	213
1979-80 . . . . .	184	161	244	164	139	185	300	309	231	193	222	193	232	167	229	259
1980-81 . . . . .	206	176	323	183	129	225	348	414	377	228	237	209	195	243	233	272
1981-82 . . . . .	226	192	339	227	137	271	432	501	335	261	251	231	171	274	270	332
1981-82																
April . . . . .	210	186	334	227	131	261	432	468	410	252	249	222	185	260	232	313
May . . . . .	213	184	338	230	133	268	432	468	402	254	250	224	175	261	232	315
June . . . . .	218	183	340	231	130	282	432	468	402	261	252	227	170	261	232	315
July . . . . .	226	187	348	235	135	298	432	501	382	272	250	229	173	275	243	315
August . . . . .	234	190	368	237	142	304	432	512	375	281	249	232	172	280	275	321
September . . . . .	235	189	365	240	140	293	432	513	345	274	252	233	176	278	275	322
October . . . . .	230	193	361	232	136	271	432	513	338	267	252	234	173	278	276	322
November . . . . .	230	193	345	227	137	255	432	513	307	257	250	234	167	278	276	340
December . . . . .	229	194	326	228	138	253	432	513	280	252	249	235	162	279	276	354
January . . . . .	229	198	325	225	140	264	432	513	281	256	251	235	166	278	279	354
February . . . . .	230	200	313	214	143	253	432	513	260	254	255	236	169	278	279	354
March . . . . .	231	203	300	202	144	245	432	513	246	252	257	236	173	278	366	354
1982-83																
April . . . . .	233	201	299	198	147	241	432	512	241	247	257	237	187	278	363	379
May . . . . .	236	187	291	200	150	245	446	512	250	247	253	241	185	278	360	379
June . . . . .	241	190	300	207	154	264	502	512	279	257	249	242	180	278	358	379
July . . . . .	252	196	305	210	151	269	502	514	288	264	249	243	180	278	360	379
August . . . . .	265	208	324	209	150	272	502	514	294	264	247	244	179	278	360	379
September . . . . .	266	210	317	207	143	263	502	515	280	265	243	245	195	278	360	379
October . . . . .	265	212	308	203	154	271	502	515	277	265	243	245	212	278	363	384
November . . . . .	266	215	304	182	165	279	502	515	264	268	246	245	211	278	363	391
December . . . . .	259	219	301	184	170	270	502	515	239	269	254	246	197	278	363	391

Figures from May 1982 are Provisional.

## 5.3 : ALL-INDIA CONSUMER PRICE INDEX NUMBERS

	Food Index		General Index		Urban Non-manual Employees
	1949 = 100	1960 = 100	1949 = 100	1960 = 100	General Index (1960=100)
Last month of :—					
1970-71 . . . . .	226	195	224	184	174
1971-72 . . . . .	237	205	236	194	184
1972-73 . . . . .	273	236	263	216	199
1973-74 . . . . .	353	305	334	275	238
1974-75 . . . . .	416	359	390	321	277
1975-76 . . . . .	343	296	348	286	265
1976-77 . . . . .	384	332	379	312	285
1977-78 . . . . .	389	336	390	321	297
1978-79 . . . . .	395	341	404	332	308
1979-80 . . . . .	446	385	453	373	343
1980-81 . . . . .	506	437	510	420	385
1981-82 . . . . .	550	475	555	457	423
Average of months :					
1970-71 . . . . .	233	202	226	186	174
1971-72 . . . . .	237	205	233	192	180
1972-73 . . . . .	258	223	251	207	192
1973-74 . . . . .	323	279	304	250	221
1974-75 . . . . .	414	358	385	317	270
1975-76 . . . . .	396	342	380	313	277
1976-77 . . . . .	367	317	366	301	277
1977-78 . . . . .	399	345	394	324	296
1978-79 . . . . .	400	346	402	331	306
1979-80 . . . . .	432	373	438	360	330
1980-81 . . . . .	485	419	487	401	369
1981-82 . . . . .	551	476	548	451	413
1981-82					
April . . . . .	519	448	519	427	391
May . . . . .	527	455	526	433	396
June . . . . .	537	464	534	439	401
July . . . . .	549	474	543	447	411
August . . . . .	559	483	552	454	417
September . . . . .	561	485	554	456	418
October . . . . .	567	490	559	460	420
November . . . . .	568	491	562	462	421
December . . . . .	561	485	559	460	420
January . . . . .	559	483	558	459	421
February . . . . .	552	477	557	458	420
March . . . . .	550	475	555	457	423
1982-83					
April . . . . .	551	476	558	459	425
May . . . . .	556	480	562	462	428
June . . . . .	567	490	571	470	433
July . . . . .	578	499	581	478	442
August . . . . .	595	514	593	488	448
September . . . . .	595	514	594	489	449
October . . . . .	598	517	597	491	450
November . . . . .	608	525	603	496	452
December . . . . .	..	..	604	497	..

NOTE : New Series of All India Index on base 1960 = 100 was introduced with effect from August 1968. The interim series on base 1949 = 100 was simultaneously discontinued. Index Numbers from August 1968 on base 1949 = 100 have been estimated by equating 100 of new series to 121.54 of interim series in regard to General Index and 115.74 in regard to Food Index.

Figures are in round numbers.

5.4 : INDEX NUMBERS OF WHOLESALE PRICES—RELATIVE PRICES OF MANUFACTURED PRODUCTS AND AGRICULTURAL (Including Animal Husbandry) PRODUCTS

(Base : 1970-71 = 100)

	General Index of Wholesale Prices	Index for Manufactured Products	Index for Agricultural Products*	Prices of manu- factured produc- ts as per cent of prices of Agricul- tural product Col. (3) over Col. (4)
Weight . . . . .	100.00	49.87	40.42	
1	2	3	4	5
Average of months				
1971-72 . . . . .	105.6	109.5	100.4	109.1
1972-73 . . . . .	116.2	121.9	110.3	110.5
1973-74 . . . . .	139.7	139.5	139.2	100.2
1974-75 . . . . .	174.9	168.8	169.9	99.4
1975-76 . . . . .	173.0	171.2	157.3	108.8
1976-77 . . . . .	176.6	175.2	158.5	110.5
1977-78 . . . . .	185.8	179.2	174.8	102.5
1978-79 . . . . .	185.8	179.5	171.9	104.4
1979-80 . . . . .	217.6	215.8	188.7	114.4
1980-81 . . . . .	257.3	257.3	210.5	122.2
1981-82 . . . . .	281.3	270.6	236.5	114.4
1981-82				
April . . . . .	275.7	275.2	222.3	123.8
May . . . . .	277.9	275.5	227.5	121.1
June . . . . .	279.8	276.6	230.9	119.8
July . . . . .	286.2	275.7	242.3	113.8
August . . . . .	289.2	276.9	245.9	112.6
September . . . . .	284.8	272.4	240.3	113.4
October . . . . .	284.1	271.2	239.1	113.4
November . . . . .	281.5	267.8	238.4	112.3
December . . . . .	279.5	264.5	237.7	111.3
January . . . . .	281.1	265.8	240.4	110.6
February . . . . .	278.7	262.9	238.5	110.2
March . . . . .	277.1	262.7	235.4	111.6
1982-83				
April . . . . .	276.9	265.0	232.1	114.2
May . . . . .	278.5	265.9	234.8	113.2
June . . . . .	285.9	271.1	245.0	110.7
July . . . . .	291.7	273.7	253.8	107.8
August . . . . .	294.4	275.6	258.0	106.8
September . . . . .	290.9	274.0	251.2	109.1
October . . . . .	289.7	274.5	247.8	110.8
November . . . . .	289.1	273.4	247.7	110.4
December . . . . .	287.1	270.1	246.6	109.5

Figures from May 1982 are provisional.

\* Composite index for the groups Food Articles and Non-food Articles of the Major Group Primary Articles.

## 6.1 INDIA'S FOREIGN EXCHANGE RESERVES

(Rs. crores)

End of	Reserves			Transactions with IMF		
	Gold*	SDRs (In millions of SDRs)	Foreign exchange	Drawings	Repur- chases £	Outstanding Repurchase Obligations
1	2	3	4	5	6	7
1950-51	117.8	..	911.4	..	..	47.62
1955-56	117.8	..	784.6	..	7.14	5.95
1956-57	117.8	..	563.3	60.71	5.95	60.71
1957-58	117.8	..	303.4	34.52	..	95.24
1958-59	117.8	..	261.1	..	..	95.24
1959-60	117.8	..	245.1	..	23.81	71.43
1960-61	117.8	..	185.8	..	10.71	60.72
1961-62	117.8	..	179.5	119.05	60.72	119.05
1962-63	117.8	..	177.3	11.90	..	130.95
1963-64	117.8	..	188.0	..	23.81	107.14
1964-65	133.8	..	115.9	47.62	47.62	107.14
1965-66	115.9	..	182.1	65.47	35.71	136.90
1966-67	182.5	..	295.9	89.29	43.09	313.13
1967-68	182.5	..	356.1	67.50	43.13	337.50
1968-69	182.5	..	394.2	..	58.50	279.00
1969-70	182.5	122.7	546.4	..	125.25	153.75
1970-71	182.5	148.9	438.1	..	153.75	..
1971-72	182.5	247.7	480.4	..	..	..
1972-73	182.5	246.5	478.9	..	..	..
1973-74	182.5	244.9	580.8	62.0	..	62.0
1974-75	182.5	234.9	610.5	484.7	..	546.7
1975-76	182.5	202.8	1491.7	207.1	..	753.8
1976-77	187.8	187.4	2863.0	..	302.8	451.0
1977-78	193.1	161.6	4499.8	..	248.6	206.9
1978-79	219.5	364.9	5219.9	..	206.9	..
1979-80	224.7	529.1	5163.7	..	55.1†	..
1980-81	225.6	490.5	4822.1	274.4@	5.1††	274.4
1981-82	225.6	425.1	3354.5	636.8@@	—	911.2
1981-82						
June	225.6	481.2	4327.2	—	—	274.4
September	225.6	477.0	3751.9	—	—	274.4
December	225.6	468.3	3444.0	321.1@@	—	595.5
March	225.6	425.1	3354.5	315.7@@	—	911.2
1982-83						
April	225.6	396.4	3648.1	311.6@@	—	1222.8
May	225.6	398.6	3481.4	—	—	1222.8
June	225.6	398.6	3274.2	—	—	1222.8
July**	225.6	374.0	3560.5	619.1@@	—	1841.9
August**	225.6	361.1	3678.5	—	—	1841.9
September**	225.6	361.1	3344.2	—	—	1841.9
October**	225.6	361.1	3133.3	—	—	1841.9
November**	225.6	339.4	3380.9	310.7@@	—	2152.6
December**	225.6	339.4	3436.2	—	—	2152.6
January**	225.6	291.0	3682.4	—	—	2152.6

\*Gold is valued at Rs. 53.58 per 10 grams upto May 1966 and at Rs. 84.39 per 10 grams thereafter.

\*\*Provisional.

@Excludes Rs. 544.5 crores drawn under Trust Fund.

@@Drawals under Extended Fund Facility.

†Includes voluntary repurchase of rupees (Rs. 19.9 crores) and sale of rupees by the IMF under its General Resource Account (Rs. 35.2 crores).

††Sale of Rupees by the Fund.

£Additionally, SDRs 59.9 million in May, 1979, SDRs 7.3 million in July, 1980 and SDRs 34.4 million in March, 1982 were used for voluntary repurchase of rupees.

NOTES : 1. Figures below the line are not comparable with those above the line due to devaluation of rupee in June 1966.

## 6.2 INDIA'S BALANCE OF PAYMENTS (ADJUSTED)\*

(Rs. crores)

	1961-62 Final	1965-66 Final	1966-67 Final	1976-77 Prelimi- nary	1977-78 Prelimi- nary	1978-79 Prelimi- nary	1979-80 Prelimi- nary	1980-81 Prelimi- nary
1	2	3	4	5	6	7	8	9
1. Imports—c.i.f. 1 . . . . .	996.3	1367.9	1991.1	4816.9	5541.0	7397.5	9575.7	12543.6
(a) PL-480-Title I** . . . . .	86.3	250.3	309.0	..	..	..	..	..
(b) Others . . . . .	910.0	1117.6	1682.1	4816.9	5541.0	7397.5	9575.7	12543.6
2. Exports—f.o.b. . . . .	668.3	784.5	1086.5	5133.1	5433.5	5554.9	6201.4	6576.4
3. Trade Balance (2—1) . . . . .	—328.0	—583.4	—904.6	316.2	—107.5	—1842.6	—3374.3	—5967.2
4. Non-monetary gold movement (net) . . . . .	..	..	..	5.3	5.3	26.4	5.2	..
5. Invisibles : . . . . .								
(i) Receipts <sup>2</sup> . . . . .	173.5	206.2	260.6	1763.9	2382.7	2701.1	4015.5	5326.7
(ii) Payments . . . . .	203.0	272.1	398.8	939.9	960.6	1129.7	1412.3	1578.1
of which interest and service payments on foreign loans and credits <sup>6</sup>	(46.0)	(94.4)	(150.2)	(216.6)	(266.8)	(268.1)	(280.3)	(280.9)
(iii) Net . . . . .	—29.5	—65.9	—138.2	824.0	1422.1	1571.4	2603.2	3748.6
6. Current Account (net) . . . . .	—357.5	—649.3	—1042.8	1145.5	1319.9	—244.8	—765.9	—2218.6
7. Capital Transactions— . . . . .								
(a) Private <sup>3</sup> . . . . .								
(i) Receipts . . . . .	30.4	34.9	24.5	69.8	116.6	62.7	49.9	162.6
(ii) Payments . . . . .	36.4	49.7	57.5	72.5	31.1	95.9	71.7	65.6
(iii) Net . . . . .	—6.0	—14.8	—33.0	—2.7	85.5	—33.2	—21.8	97.0
(b) Government <sup>4</sup> . . . . .								
(i) Receipts . . . . .	108.4	178.6	158.3	338.7	364.1	845.4	509.5	1010.9
(ii) Payments . . . . .	96.7	166.4	72.5	787.5	851.7	833.9	283.0	1198.3
(iii) Net . . . . .	11.7	12.2	85.8	—448.8	—487.6	11.5	226.5	—187.4
(c) Amortisation Payments <sup>5</sup> (gross) . . . . .	—60.3	—84.7	—143.8	—362.0	—481.1	—463.9	—534.9	—686.1
(d) Repurchase of rupees from IMF . . . . .	—60.7	—35.7	—43.1	—302.8	—288.9	—206.9	—83.5	—7.5
(e) Banking capital (net) <sup>6</sup> . . . . .	—2.5	2.6	5.7	116.8	67.8	—7.9	—81.7	12.7
8. Errors and Omissions . . . . .	7.8	—12.4	—13.4	—324.1	—15.1	588.4	10.6	—158.0
9. Total deficit (—)/surplus (+) (6 to 8) . . . . .	—467.5	—782.1	—1157.8	—178.1	200.5	—356.8	—1250.7	—3147.9
Financed by :								
10. External Assistance : . . . . .								
(a) Loans (excluding PL 480 rupee Loans) . . . . .	225.3	471.1	598.4	1237.3	984.0	861.0	1026.3	1184.2
(b) Grants (excluding PL 480 Title I grants) . . . . .	30.5	43.5	124.6	336.9	370.5	369.7	467.4	508.4
(c) PL-480 Title I (gross) . . . . .	86.3	250.3	309.0	..	..	..	..	..
Total (a + b + c) . . . . .	342.1	764.9	1032.0	1574.2	1354.5	1230.7	1493.7	1692.6

1	2	3	4	5	6	7	8	9
11. Drawings from the IMF (gross)	119.1	65.5	89.3	..	..	..	..	818.8
12. Allocation of SDRs	..	..	..	..	..	125.6	126.3	120.5
13. Decline in reserves (+)/ increase(-)	6.3	-48.3	36.5	-1396.1	-1555.0	-999.5	-369.3	516.0
<b>TOTAL (10 to 13)</b>	<b>467.5</b>	<b>782.1</b>	<b>1157.8</b>	<b>178.1</b>	<b>-200.5</b>	<b>356.8</b>	<b>1250.7</b>	<b>3147.9</b>

NOTES : Figures shown in this table for some items do not correspond with the similar statistics published by the Reserve Bank of India. The difference is due to adjustments made in the above table in receipts and payments in respect of PL-480 assistance which have been grouped together under External Assistance and imports respectively, and excluded from other heads of account. The presentation of balance of payments statistics in the table above also differs from adjusted balance of payments table in issues of the Economic Survey prior to 1966-67. In the table above, interest and service payments on foreign loans and credits (unlike in those issues) are inclusive of payments in respect of loans repayable in rupees.

\*The rupee equivalent of all foreign currency transactions upto end-May 1966 has been arrived at by applying the pre-devaluation exchange rates and of those during the subsequent period by using the current exchange rates.

\*\*PL-480 Title I shown under imports item 1(a) and under external assistance item 10(c) represents the commodity assistance which is payable in rupees. PL-480 convertible currency assistance is included in item 10(a) and imports there against in item 1(b).

1. Exclude freight on PL-480 imports initially borne by India but subsequently refunded by the U.S. Authorities.
2. Exclude receipts on account of freight on PL-480 imports initially borne by India but subsequently refunded by the U.S. Authorities and U.S. Embassy expenditure out of PL-480 Title I Funds and Miscellaneous receipts out of PL-665; these also exclude grants under Colombo Plan, PL-480 Title I, II and III etc.
3. Receipts by way of drawings on loans extended to private sector under the External Assistance programme including loans out of Cooley Fund and corresponding amortisation payments are excluded from items 7(a) (i) and 7(a) (ii) and included under items 10(a) and 7(c) respectively.
4. Include all official Capital transactions not enumerated separately but exclude changes in PL-480/665 balances.
5. The net movement shown here has been adjusted to exclude changes in Cooley Fund Account balances arising out of disbursement by way of loans and transfers from and to other accounts.
6. Includes those payable in Rupees as follows :-

(Rs. crores)

Payable in Rupees, other than R.P.A.	1961-62	1965-66	1966-67	1976-77	1977-78	1978-79	1979-80	1980-81
1	2	3	4	5	6	7	8	9
1. Interest and service payments on foreign loans and credits	7.8	28.7	40.1	Nil	Nil	Nil	Nil	Nil
2. Amortisation payments	4.1	14.7	25.3	Nil	Nil	Nil	Nil	Nil

NOTE : Following the agreement of February 18, 1974, between the Government of India and the U.S.A. on the disposition of PL-480 and other funds, transaction in these accounts have been omitted. Interest and amortisation payments payable in rupees other than R.P.A. are, therefore, Nil from 1974-75 onwards.



## 6.3 : INDIA'S BALANCE OF PAYMENTS (ADJUSTED)\*

1	Third Plan									
	Annual Average		1977-78P		1978-79P		1979-80P		1980-81P	
	Rs. crores	\$ million	Rs. crores	\$ million	Rs. crores	\$ million	Rs. crores	\$ million	Rs. crores	\$ million
	2	3	4	5	6	7	8	9	10	11
1. Imports c.i.f. 1	1209.6	2540.2	5541.0	6458.0	7397.5	8988.5	9575.7	11821.8	12543.6	15862.3
(a) PL-480 Title I**	170.9	358.0	..	..	..	..	..	..	..	..
(b) Others	1038.7	2181.3	5541.0	6458.0	7397.5	8988.5	9575.7	11821.8	12543.6	15862.3
2. Exports--f.o.b.	747.2	1569.1	5433.5	6332.7	5554.9	6749.6	6201.4	7656.0	6576.4	8316.3
3. Trade Balance (2-1)	-462.4	-971.1	-107.5	-125.3	-1842.6	-2238.9	-3374.3	-4165.8	-5967.2	-7546.0
4. Non-monetary gold movements (net)	3.2	6.7	5.3	6.2	26.4	32.1	5.2	6.4	..	..
5. Invisibles--										
(i) Receipts <sup>3</sup>	182.5	383.2	2382.7	2777.0	2701.1	3282.0	4015.5	4957.4	5326.7	6736.0
(ii) Payments	236.8	497.2	960.6	1119.6	1129.7	1372.7	1412.3	1743.6	1578.1	1995.6
of which interest and service payments on foreign loans and credits <sup>6</sup>	(68.4)	(143.6)	(266.8)	(310.9)	(268.1)	(325.8)	(280.3)	(346.0)	(280.9)	(355.2)
(iii) Net	-54.3	-114.0	1422.1	1657.4	1571.4	1909.3	2603.2	3213.8	3748.6	4740.4
6. Current account (net)	-513.5	-1078.4	1319.9	1538.3	-244.8	-297.5	-765.9	-945.6	-2218.6	-2805.6
7. Capital Transactions										
(a) Private <sup>3</sup>										
(i) Receipts	34.4	72.2	116.6	135.9	62.7	76.2	49.9	61.6	162.6	205.6
(ii) Payments	41.6	87.3	31.1	36.2	95.9	116.5	71.7	88.5	65.6	83.0
(iii) Net	-7.2	-15.1	85.5	99.7	-33.2	-40.3	-21.8	-26.9	97.0	122.6
(b) Government <sup>4</sup>										
(i) Receipts	99.5	208.9	364.1	424.4	845.4	1027.2	509.5	629.0	1010.9	1278.4
(ii) Payments	72.6	152.4	851.7	992.7	833.9	1013.2	283.0	349.4	1198.3	1515.4
(iii) Net	26.9	56.5	-487.6	-568.3	11.5	14.0	226.5	279.6	-187.4	-237.0
(c) Amortisation Payments (gross) <sup>6</sup>	-66.5	-139.7	-481.1	-560.7	-463.9	-563.7	-534.9	-660.4	-686.1	-867.6
(d) Repurchase of rupees from IMF	-33.6	-70.5	-288.9	-336.7	-206.9	-251.4	-83.5	-103.1	-7.5	-9.5
(e) Banking capital (net) <sup>6</sup>	-0.8	-1.7	67.8	79.0	-7.9	-9.6	-81.7	-100.8	12.7	16.1
8. Errors and Omissions	-20.3	-42.6	-15.1	-17.6	588.4	715.0	10.6	13.1	-158.0	-199.8
9. Total deficit (-)/surplus (+) (6 to 8)	-615.0	-1291.5	200.5	233.7	-356.8	-433.5	-1250.7	-1544.1	-3147.9	-3980.8
Financed by :										
10. External Assistance :										
(a) Loans (excluding PL-480 rupee loans)	364.8	766.1	984.0	1146.9	861.0	1046.2	1026.3	1267.1	1184.2	1497.5
(b) Grants (excluding PL-480 Title I-grants)	29.3	61.5	370.5	431.8	369.7	449.2	467.4	577.0	508.4	642.9
(c) PL-480 Title I (gross)	170.9	358.9	..	..	..	..	..	..	..	..
Total (a + b + c)	565.0	1186.5	1354.5	1578.7	1230.7	1495.4	1493.7	1844.1	1692.6	2140.4
11. Drawings from the IMF (gross)	48.8	102.5	..	..	..	..	..	..	818.8	1035.5
12. Allocation of SDRs	..	..	..	..	125.6	152.6	126.3	155.9	120.5	152.4
13. Decline in reserves (+)/increase (-)	1.2	2.5	-1555.0	-1812.4	-999.5	-1214.5	-369.3	-455.9	516.0	652.5
Total 10 to 13	615.0	1291.5	-200.5	-233.7	356.8	433.5	1250.7	1544.1	3147.9	3980.8

For Footnotes please refer to table 6.2.

P = Preliminary.

NOTE : The Dollar equivalents have been arrived at by applying the pre-devaluation exchange rates upto end-May 1966 and by using the current exchange rates thereafter.

**6.4 : INDIA'S BALANCE OF PAYMENTS : INVISIBLES ON CURRENT ACCOUNT**  
(Excluding Grants)

(Rs. Crores)

1	Third Plan Annual average		1976-77P	1977-78P	1978-79P	1979-80P	1980-81P
	Rs. crores	\$ million	Rs. crores	Rs. crores	Rs. crores	Rs. crores	Rs. crores
	2	3	4	5	6	7	8
1. Foreign Travel :							
Receipts . . . . .	16.0	33.6	284.5	530.0	564.8	919.4	1165.6
Payments . . . . .	11.0	23.1	38.2	44.4	64.7	88.2	90.3
Net . . . . .	5.0	10.5	246.3	485.6	500.1	831.2	1075.3
2. Transportation :							
Receipts . . . . .	52.9	111.1	313.0	281.2	280.3	318.5	361.6
Payments . . . . .	28.7	60.3	247.7	215.7	235.2	252.7	355.1
Net . . . . .	24.2	50.8	65.3	65.5	45.1	65.8	6.5
3. Insurance :							
Receipts . . . . .	8.4	17.6	50.5	33.8	35.1	42.8	48.4
Payments . . . . .	5.4	11.3	29.7	31.1	37.2	28.1	34.0
Net . . . . .	3.0	6.3	20.8	2.7	-2.1	14.7	14.4
4. Investment Income :							
Receipts . . . . .	11.2	23.5	187.1	266.4	391.9	643.0	855.1
Payments . . . . .	106.4	223.4	308.3	357.8	380.7	377.0	369.7
of which interest and service payments on foreign loans and credits . . . . .	(68.4)	(143.6)	(216.6)	(266.8)	(268.1)	(280.3)	(280.9)
Net . . . . .	-95.2	-199.9	-121.2	-91.4	11.2	266.0	485.4
5. Government not included elsewhere :							
Receipts <sup>1</sup> . . . . .	15.1	31.7	40.8	30.2	40.4	21.2	33.1
Payments <sup>2</sup> . . . . .	20.8	43.7	50.0	44.0	67.7	87.8	47.1
Net . . . . .	-5.7	-12.0	-9.2	-13.8	-27.3	-66.6	-14.0
6. Miscellaneous :							
Receipts <sup>3</sup> . . . . .	28.2	59.2	255.9	309.8	401.2	558.6	664.0
Payments . . . . .	44.9	94.3	252.2	258.2	325.7	562.1	669.8
Net . . . . .	-16.7	-35.1	3.7	51.6	75.5	-3.5	-5.8
7. Transfer Payments :							
(a) Official :							
Receipts . . . . .	0.7	1.5	8.4	14.0	43.6	39.9	69.2
Payments <sup>4</sup> . . . . .	4.4	9.2	7.0	2.9	1.7	8.7	0.5
Net . . . . .	-3.7	-7.7	1.4	11.1	41.9	31.2	68.7
(b) Private :							
Receipts . . . . .	49.9	104.8	623.7	917.3	943.8	1472.1	2129.7
Payments . . . . .	15.2	31.9	6.8	6.5	16.8	7.7	11.6
Net . . . . .	34.7	72.9	616.9	910.8	927.0	1464.4	2118.1
8. TOTAL (1 to 7)							
RECEIPTS . . . . .	182.5	383.2	1763.9	2382.7	2701.1	4015.5	5326.7
PAYMENTS . . . . .	236.8	497.2	939.9	960.6	1129.7	1412.3	1578.1
NET . . . . .	-54.3	-114.0	824.0	1422.1	1571.4	2603.2	3748.6

<sup>1</sup>. Exclude freight on PL-480 imports initially borne by India but, subsequently refunded by the US Authorities. Also exclude receipts from US Embassy expenditure from PL-480 counterpart Funds.

<sup>2</sup>. Include Rs. 8.3 crores in each of the years from 1961-62 to 1963-64 paid to the IBRD as India's contribution to the Indus Basin Development Fund under the terms of the Indus Water Treaty.

<sup>3</sup>. Exclude receipts out of PL-665.

<sup>4</sup>. Include Rs. 8.3 crores in 1964-65 and 1965-66 paid to the IBRD as India's contribution to the Indus Basin Development Fund under terms of Indus Water Treaty.

NOTES : (i) This table is a break-down of item 5 in table 6.3.

(ii) The rupee equivalent of all foreign currency transactions upto end-May 1966 has been arrived at by applying the pre-devaluation exchange rates and of those during the subsequent period by using the current exchange rates.

(iii) Constituent items may not always add upto total due to rounding.

P—Preliminary.

## 6.5 : INDIA'S BALANCE OF PAYMENTS : SELECTED ITEMS OF CAPITAL ACCOUNT

1	Third Plan Annual Average		1976-77P	1977-78P	1978-79P	1979-80P	1980-81P
	Rs. crores	\$ million	Rs. crores	Rs. crores	Rs. crores	Rs. crores	Rs. crores
	2	3	4	5	6	7	8
<b>1. Private (Non-Banking)</b>							
Receipts . . . . .	34.4	72.2	69.8	116.6	62.7	49.9	162.6
Payments . . . . .	41.6	87.3	72.5	31.1	95.9	71.7	65.6
Net . . . . .	-7.2	-15.1	-2.7	85.5	-33.2	-21.8	97.0
<i>(a) Long term :</i>							
Receipts . . . . .	29.1	61.1	68.5	115.5	62.2	49.9	160.9
Payments . . . . .	35.0	73.5	68.1	31.0	90.3	71.4	64.4
Net . . . . .	-5.9	-12.4	0.4	84.5	-28.1	-21.5	96.5
<i>(b) Short term :</i>							
Receipts . . . . .	5.3	11.1	1.3	1.1	0.5	—	1.7
Payments . . . . .	6.6	13.8	4.4	0.1	5.6	0.3	1.2
Net . . . . .	-1.3	-2.7	-3.1	1.0	-5.1	-0.3	0.5
<b>2. Banking (excluding RBI) :</b>							
Receipts . . . . .	47.0	98.7	235.6	392.1	282.0	205.7	430.3
Payments . . . . .	47.8	100.4	118.8	324.3	289.9	287.4	417.6
Net . . . . .	-0.8	-1.7	116.8	67.8	-7.9	-81.7	12.7
<b>3. Government Miscellaneous :</b>							
Receipts <sup>1</sup> . . . . .	99.5	208.9	338.7	364.1	845.4	509.5	1010.9
Payments . . . . .	72.6	152.4	787.5	851.7	833.9	283.0	1198.3
Net . . . . .	26.9	56.5	-448.8	-487.6	11.5	226.5	-187.4
<b>4. TOTAL OF ABOVE ITEMS :</b>							
RECEIPTS . . . . .	180.9	379.8	644.1	872.8	1190.1	765.1	1603.8
PAYMENTS . . . . .	162.0	340.1	978.8	1207.1	1219.7	642.1	1681.5
NET . . . . .	18.9	39.7	-334.7	-334.3	-29.6	123.0	-77.7

<sup>1</sup>. Including amortisation receipts.

NOTES : (i) The break-down in this table is of items 7(a), 7(b) and 7(c) of Table 6.3.

(ii) The rupee equivalent of all foreign currency transactions upto end-May 1966 has been arrived at by applying the pre-devaluation exchange rates and of those during the subsequent period by using the current exchange rates.

(iii) Constituent items may not always add upto total due to rounding.

P—Preliminary.

## 6.6 : PRINCIPAL IMPORTS

(Rs. crores)

Commodity	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82*
1	2	3	4	5	6	7	8	9
<b>I. Food and Live animals chiefly for Food (excl. Cashew raw)</b>	<b>242.4</b>	<b>1395.4</b>	<b>937.4</b>	<b>214.5</b>	<b>236.1</b>	<b>279.9</b>	<b>380.2</b>	<b>N.A.</b>
<i>of which :</i>								
Cereals and cereal preparations	213.0	1342.8	867.6	122.5	86.9	105.8	100.4	264.4
<b>II. Raw Materials and Intermediate Manufactures</b>	<b>888.0</b>	<b>2763.6</b>	<b>2903.2</b>	<b>4394.7</b>	<b>4873.7</b>	<b>6976.1</b>	<b>9756.5</b>	<b>N.A.</b>
(a) Cashew nuts (unprocessed)	29.4	33.6	18.3	18.0	9.2	11.6	8.7	19.1
(b) Crude rubber (including synthetic and reclaimed)	3.8	7.0	8.4	10.8	29.7	53.6	31.4	66.4
(c) Fibres	126.7	73.0	203.4	430.8	267.0	156.1	164.2	N.A.
<i>of which :</i>								
(i) Synthetic and regenerated fibres (man-made fibres)	7.2	6.3	30.2	191.8	121.3	109.0	96.5	164.5
(ii) Raw wool	15.1	25.9	26.2	28.6	31.9	31.9	43.1	30.2
(iii) Raw cotton	98.8	28.2	129.5	198.9	26.4	0.1	Neg	9.0
(iv) Raw jute	0.1	3.3	6.8	1.4	1.2	0.1	1.1	0.3
(d) Petroleum oil and lubricants	136.0	1226.1	1413.4	1551.8	1686.9	3332.9	5263.5	5189.3
(e) Animal and vegetable oils and fats	38.5	17.0	118.0	737.9	552.3	455.4	708.8	N.A.
<i>of which :</i>								
Edible oils	23.1	14.2	100.6	711.6	537.1	446.3	682.9	378.3
(f) Fertilisers and chemical products	216.5	824.2	506.1	727.7	913.9	1113.0	1490.1	N.A.
<i>of which :</i>								
(i) Fertilisers and fertiliser materials	99.9	533.8	261.2	337.9	448.2	515.5	817.8	548.0
(ii) Chemical elements and compounds	68.0	180.2	137.8	196.6	230.9	323.6	358.2	387.8
(iii) Dyeing, tanning and colouring materials	9.2	11.8	15.1	17.4	23.4	25.5	20.8	18.0
(iv) Medicinal and pharmaceutical products	24.3	36.3	42.2	63.6	79.2	73.9	84.6	71.5
(v) Plastic materials regenerated cellulose and artificial resins	8.1	19.5	27.3	66.2	70.0	97.4	121.4	106.1
(g) Pulp and waste paper	12.3	16.0	6.1	21.2	41.7	30.4	18.3	22.9
(h) Paper, paper board and manufactures thereof	25.1	57.7	61.1	81.8	104.7	158.8	186.5	240.3
(i) Non-metallic mineral manufactures	33.3	96.7	191.8	362.7	560.3	442.3	555.2	460.2
<i>of which :</i>								
Pearls and precious and semi-precious stones, unworked or worked	24.6	84.2	180.6	330.7	466.8	347.4	416.8	345.9
(j) Iron and steel	147.0	311.9	219.5	259.9	462.5	868.6	852.4	1136.4
(k) Non-ferrous metals	119.4	100.4	157.1	192.1	245.5	353.4	477.4	301.6
<b>III. Capital Goods</b>	<b>404.0</b>	<b>967.7</b>	<b>1079.4</b>	<b>1148.4</b>	<b>1306.1</b>	<b>1458.5</b>	<b>1910.3</b>	<b>1745.8</b>
(a) Manufactures of metals	9.3	33.1	31.9	38.1	46.1	75.7	89.5	91.5
(b) Non-electrical machinery, apparatus & appliances	257.8	576.7	731.5	694.7	769.6	806.9	1115.3	1182.2
(c) Electrical machinery, apparatus and appliances	70.4	200.8	145.3	190.4	193.6	237.3	233.5	214.0
(d) Transport equipment	66.5	157.1	170.7	225.2	296.8	338.6	472.0	258.1
<b>IV. Others (Unclassified)</b>	<b>99.8</b>	<b>138.5</b>	<b>153.8</b>	<b>262.6</b>	<b>398.4</b>	<b>428.1</b>	<b>476.9</b>	<b>N.A.</b>
<b>TOTAL</b>	<b>1634.2</b>	<b>5265.2</b>	<b>5073.8</b>	<b>6020.2</b>	<b>6814.3</b>	<b>9142.6</b>	<b>12523.9</b>	<b>13588.7@</b>

\*Provisional.

@ Revised to Rs. 13638.19 crores for supplementary data received upto October, 1982.

Source : Monthly Statistics of Foreign Trade, D.G.C.I.&amp;S., Calcutta.

## 6.7 PRINCIPAL

Commodity	Unit of Qty.	1970-71		1975-76	
		Qty.	Value	Qty.	Value
1	2	3	4	5	6
1. Jute manufactures . . . . .	'000 tonnes	561	190.4	522	250.9
2. Tea . . . . .	Million Kgs.	199	148.3	212	236.9
3. Cotton fabrics . . . . .	Mn. Sq. mtrs.	443	75.3	481	161.2
(i) Mill-made . . . . .	Mn. Sq. mtrs.	415	67.5	423	121.6
(ii) Handloom . . . . .	Mn. Sq. mtrs.	28	7.8	58	39.6
4. Coir yarn and manufactures . . . . .	'000 tonnes	49	13.0	36	19.0
5. Iron ore . . . . .	Mn. tonnes	21	117.3	23	213.9
6. Oil cakes . . . . .	'000 tonnes	879	55.4	1095	96.5
7. Leather & leather manufactures (excluding footwear) . . . . .	Value	..	72.2	..	201.5
8. Cashew kernels . . . . .	Million Kgs.	50	52.1	54	96.1
9. Tobacco . . . . .	Million Kgs.	50	32.6	79	98.4
10. Engineering goods . . . . .	Value	..	130.4	..	413.0
11. Coffee . . . . .	Million Kgs.	32	25.1	59	66.7
12. Mica . . . . .	Million Kgs.	27	15.6	18	14.7
13. Sugar . . . . .	'000 tonnes	348	27.6	1201	472.3
14. Spices . . . . .	Million Kgs.	47	38.8	58	71.5
15. Manganese ore . . . . .	'000 tonnes	1636	14.0	787	17.6
16. Raw cotton . . . . .	'000 tonnes	32	14.0	55	41.3
17. Mineral fuel, lubricants etc. . . . .	Value	..	12.6	..	37.0
18. Iron & Steel (excluding ferro-manganese and ferro-alloys) . . . . .	Value	..	67.2	..	68.2
19. Chemicals and allied products . . . . .	Value	..	29.4	..	85.3
20. Fish and fish preparations . . . . .	Million Kgs.	33	30.5	52	127.2
21. Art silk fabrics . . . . .	Million mtrs.	20	5.3	26	15.4
22. Footwear . . . . .	Million pairs	13	11.4	13	21.3
23. Vegetable oils (essential & non-essential) . . . . .	Value	..	10.8	..	39.5
24. Cotton apparel . . . . .	Value	..	8.6	..	196.4
25. Handicrafts . . . . .	Value	..	69.9	..	252.0
of which :					
Pearls & precious & semi-precious stones, unworked or worked . . . . .	Value	..	41.9	..	148.5
26. Silver . . . . .	'000 Kgs.	Neg.	Neg.	1444	174.1
27. Others . . . . .	Value	..	267.4	..	554.9
<b>TOTAL</b> . . . . .	<b>Value</b>	<b>..</b>	<b>1535.2</b>	<b>..</b>	<b>4042.8</b>

\*Provisional.

‡Includes readymade garments of all categories. The corresponding figure for 1980-81 is Rs. 515.0 crores.

@Revised to Rs. 7796.96 crores for supplementary data received upto October, 1982.

Source : Monthly Statistics of Foreign Trade, D.G.C.I.&S., Calcutta.

## EXPORTS

(Rs. crores)

1976-77		1977-78		1978-79		1979-80		1980-81		1981-82*	
Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
7	8	9	10	11	12	13	14	15	16	17	18
457	201.1	521	244.9	330	166.9	722	336.1	661	330.0	410	250.1
244	293.1	224	569.7	172	340.5	204	367.8	229	425.5	210	373.3
672	267.3	464	224.8	508	224.3	554	287.4	581	276.5	390	272.5
596	213.1	359	143.4	424	163.2	470	216.3	488	188.4	..	..
76	54.2	105	81.4	84	61.1	84	71.1	93	88.1	..	..
44	24.0	41	23.9	43	26.4	47	36.6	N.A.	26.2	N.A.	25.8
23	238.5	22	240.8	21	232.9	25	285.2	22	303.3	23	343.4
1793	234.4	855	133.3	917	109.9	1034	127.5	885	125.1	884	139.4
..	264.2	..	248.0	..	327.7	..	485.6	..	337.1	..	374.1
52	106.1	40	149.5	27	80.2	38	118.1	32	140.1	31	168.8
86	102.4	93	117.2	84	116.3	85	113.5	91	140.7	134	227.8
..	566.3	..	617.4	..	700.7	..	739.1	..	727.0	..	817.3
51	126.0	58	194.4	66	144.0	62	163.3	87	214.2	65	132.5
16	17.3	15	17.3	15	18.9	19	20.6	16	17.7	21	27.9
580	148.1	70	19.5	720	131.0	568	128.9	98	40.6	105	40.3
57	75.0	76	137.1	98	147.9	110	149.4	84	111.4	86	112.5
783	19.1	443	10.9	628	15.4	627	13.2	609	12.7	384	9.0
31	27.0	Neg.	0.7	12	16.0	66	75.1	132	164.9	30	35.0
..	33.0	..	27.8	..	19.8	..	21.2	..	27.9	..	24.3
..	290.5	..	185.4	..	221.9	..	32.7	..	69.7	..	70.1
..	110.8	..	116.7	..	148.1	..	197.8	..	225.6	..	347.3
59	180.6	63	174.3	76	226.3	77	253.4	69	212.9	70	274.4
N.A.	29.2	N.A.	26.8	N.A.	38.9	N.A.	32.4	N.A.	21.5	N.A.	26.5
18	29.3	15	24.0	13	26.3	14	33.9	16	40.1	12	40.4
..	54.6	..	26.1	..	18.9	..	49.5	..	22.0	..	23.3
..	263.1	..	235.1	..	345.5	..	343.7	..	378.2	..	547.95
..	455.7	..	751.8	..	956.7	..	832.5	..	893.8	..	1033.8
..	287.0	..	545.8	..	713.7	..	519.0	..	601.9	..	679.6
..	170.8	..	78.6	..	103.5	..	2.2	..	Nil	..	Nil
..	814.8	..	811.9	..	821.4	..	1171.7	..	1426.0	..	2058.5
..	5142.3	..	5407.9	..	5726.3	..	6418.4	..	6710.7	..	7796.2@

S/14 M. of Fin./82—19.

## 6.8 : INDICES OF QUANTITY AND UNIT VALUE OF EXPORTS AND IMPORTS

(Base : 1968-69=100)

Year	Quantum Index		Unit Value Index		Net Terms of Trade
	Exports	Imports	Exports	Imports	
1	2	3	4	5	6
1970-71 . . . . .	106	87	106	100	106
1971-72 . . . . .	107	105	108	93	116
1972-73 . . . . .	120	99	120	97	124
1973-74 . . . . .	125	114	146	138	106
1974-75 . . . . .	133	100	183	239	77
1975-76 . . . . .	147	111	197	280	70
1976-77 . . . . .	174	97	210	278	76
1977-78 . . . . .	168	130	236	249	95
1978-79 . . . . .	180	140	234	260	90
1979-80 . . . . .	199	135	236	360	66
1980-81 . . . . .	194	199	254	338	75

Source : DGCIS., Calcutta.

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**TABLE 6.9**  
**DIRECTION OF TRADE**

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## 6.9 : DIRECTION

Countries	1970-71		1975-76		1976-77		1977-78	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1	2	3	4	5	6	7	8	9
1. U.S.A.	207.34	452.95	519.98	1285.22	569.06	1053.01	677.02	755.87
2. Canada	27.96	117.23	45.80	232.01	49.54	129.40	46.01	181.21
3. E.E.C.	279.61	318.67	854.20	1095.53	1395.30	1008.14	1393.84	1511.09
<i>of which :</i>								
(i) Belgium	20.33	11.51	45.41	86.49	115.03	57.22	202.26	153.25
(ii) France	17.98	21.33	86.22	196.53	178.39	140.30	146.14	158.46
(iii) F.R.G.	32.31	107.47	117.91	369.96	229.98	316.81	244.51	554.82
(iv) Netherlands	13.98	19.09	82.23	63.82	194.56	65.43	137.13	82.15
(v) U.K.	170.44	126.76	421.32	284.00	521.44	336.67	525.27	461.07
4. E.S.C.A.P.	378.79	172.48	871.49	600.57	1045.48	673.54	1109.51	889.34
<i>of which :</i>								
(i) Australia	24.46	36.58	48.21	101.67	66.04	249.33	82.56	72.48
(ii) Japan	203.48	83.43	432.76	361.18	544.38	297.36	505.83	427.44
5. O.P.E.C.	103.00	125.85	633.14	1165.65	707.19	1295.98	694.66	1339.95
<i>of which :</i>								
(i) Iran	26.65	91.64	272.29	459.88	146.98	507.97	116.59	543.49
(ii) Iraq	9.63	3.09	63.81	247.77	47.63	280.17	51.18	331.12
(iii) Kuwait	15.74	5.62	47.24	62.64	117.42	77.29	112.80	68.73
6. East European Countries	362.43	227.65	688.20	576.86	790.66	496.60	930.48	648.89
<i>of which :</i>								
(i) Poland	22.14	28.03	89.90	81.04	116.87	38.13	66.05	58.87
(ii) Czechoslovakia	29.46	20.20	34.71	53.01	44.86	34.19	52.13	29.14
(iii) G.D.R.	24.56	18.63	25.87	36.59	42.87	30.86	34.13	33.86
(iv) Romania	13.70	16.58	54.52	38.35	39.54	26.41	28.83	16.82
(v) U.S.S.R.	209.85	106.13	416.69	309.78	453.81	316.05	656.88	446.38
7. Others	176.03	219.37	430.00	309.36	585.02	417.12	556.35	693.88
GRAND TOTAL	1535.16	1634.20	4042.81	5265.20	5142.25	5073.79	5407.87	6020.23

\*Provisional.

Source : D.G.C.I.&amp;S., Calcutta.

## OF TRADE

(Rs. crores)

1978-79		1979-80		1980-81		1981-82*	
Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
10	11	12	13	14	15	16	17
771.62	761.91	816.99	926.07	743.34	1518.61	881.59	1421.34
48.23	240.33	62.55	226.48	62.34	332.34	64.87	293.82
1560.35	2083.72	1751.41	2176.72	1422.57	2548.80	1530.46	3019.85
227.85	356.53	166.85	263.69	144.48	295.86	163.95	513.27
176.15	226.14	197.32	207.75	146.94	280.30	149.47	246.88
272.07	630.68	380.10	644.55	384.75	693.77	381.69	916.94
179.34	158.50	220.46	145.19	152.04	214.50	151.28	246.41
528.00	569.60	516.05	708.81	394.88	730.99	463.58	848.87
1313.20	1120.41	1502.40	1366.97	1405.34	2103.00	1557.17	2371.48
88.52	91.97	102.00	162.84	91.62	170.08	106.32	224.16
595.06	565.03	646.26	609.40	597.81	748.78	690.56	939.35
732.88	1385.04	716.95	2409.63	761.25	3529.25	927.02	3882.62
93.51	352.46	96.11	620.69	123.23	1338.90	110.87	1328.05
46.96	583.20	61.48	917.27	51.98	752.52	80.87	423.91
120.21	103.58	123.81	165.51	97.07	337.62	128.85	267.84
658.26	666.44	844.87	1102.40	1486.33	1296.28	1782.91	1524.85
62.33	43.62	44.29	60.68	68.97	34.41	44.83	38.46
36.12	30.92	42.59	51.68	55.30	39.01	85.67	50.92
35.21	30.89	47.96	34.51	48.89	44.27	39.14	45.58
40.62	45.03	45.47	88.25	58.39	97.20	79.93	111.05
411.36	470.59	638.23	824.33	1226.29	1013.71	1504.89	1156.36
641.72	556.45	763.60	934.31	829.54	1195.63	1052.16	1074.75
5726.26	6814.30	6458.77	9142.58	6710.71	12523.91	7796.18	13588.71

## 6.10 : INDIA'S SHARE IN WORLD EXPORTS OF

Sl. No.	Commodities	1970			1976			1977		
		World	India	India's Share (%)	World	India	India's Share (%)	World	India	India's Share (%)
1	2	3	4	5	6	7	8	9	10	11
1.	Meat fresh, chilled, frozen . . . . .	3241.9	4.3	0.1	7741.2	19.5	0.3	9024.0	26.7	0.3
2.	Rice . . . . .	925.0	5.6	0.6	2035.3	13.9	0.7	2484.6	6.0	0.2
3.	Veg. etc. fresh simply preserved . . . . .	1471.1	17.4	1.2	4193.5	36.6	0.9	4521.1	21.6	0.5
4.	Sugar and honey . . . . .	2525.6	25.6	1.0	7459.4	298.0	4.0	7774.8	65.1	0.8
5.	Coffee . . . . .	3205.1	31.0	1.0	8850.5	110.2	1.2	13335.2	212.5	1.6
6.	Tea and mate . . . . .	587.4	196.2	33.4	971.7	304.9	31.4	1997.8	604.6	30.3
7.	Spices . . . . .	254.9	52.2	20.5	583.6	75.4	12.9	742.5	140.6	18.9
8.	Animal feeding stuff . . . . .	2087.7	75.5	3.6	5757.1	218.8	3.8	7105.6	226.0	3.2
9.	Tobacco unmanufactured . . . . .	1058.3	42.1	4.0	2515.4	103.8	4.1	2740.8	132.3	4.8
10.	Leather . . . . .	701.0	94.1	13.4	2039.9	271.8	13.3	2335.7	257.5	11.0
11.	Leather manufactures . . . . .	131.7	0.8	0.6	392.6	6.7	1.7	509.7	17.0	3.3
12.	Furskins, tanned dressed . . . . .	214.1	Neg.	Neg.	627.3	9.2	1.5	787.8	5.6	0.7
13.	Fish fresh simply preserved . . . . .	1568.8	36.2	2.3	4991.1	187.9	3.8	6144.1	188.8	3.1
14.	Fish tinned prepared . . . . .	552.6	5.0	0.9	1336.5	0.8	0.1	1514.2	1.4	0.1
15.	Machinery other than electric . . . . .	33995.2	37.6	0.1	97384.7	123.3	0.1	109491.7	153.9	0.1
16.	Electrical machinery, apparatus and appliances . . . . .	16240.2	22.2	0.1	54248.6	85.3	0.2	62667.5	102.7	0.2
17.	Clothing not of fur . . . . .	5105.6	36.4	0.7	16448.4	333.6	2.0	18702.7	339.8	1.8
18.	Pearls, precious, semi-precious stones, worked or unworked . . . . .	2431.4	52.4	2.2	7563.0	242.1	3.2	10642.2	448.3	4.2
19.	Oilseeds, nuts, kernels . . . . .	2064.4	8.0	0.4	5727.1	88.8	1.6	7280.2	17.8	0.2
20.	Cotton fabrics woven . . . . .	1436.3	98.3	6.8	3834.2	274.5	7.2	4628.8	301.2	6.5
21.	Woven textiles (Non-cotton) . . . . .	3967.5	189.1	4.8	8610.3	182.5	2.1	9377.1	206.1	2.2
22.	Transport equipment . . . . .	29880.0	45.7	0.2	97589.0	106.5	0.1	112562.0	118.4	0.1
23.	Manufacture of metals . . . . .	6082.1	32.9	0.5	18436.4	130.0	0.7	22582.0	181.7	0.8
24.	Iron ore concentrates . . . . .	2373.3	158.3	6.7	5092.1	259.5	5.1	4955.1	288.5	5.8
25.	Chemicals and allied products . . . . .	20318.8	47.1	0.2	64279.3	118.9	0.2	72644.9	146.5	0.2
26.	Iron and steel . . . . .	14540.0	131.8	0.9	39417.2	366.7	0.9	41348.9	373.2	0.9

For 1980, data on India's exports of items at S. No. (7) and from (10) to (26) have been worked out using D.G.C.I.&S. data and

\*Includes fish tinned prepared.

Sources : (1) Year Book of International Trade Statistics, U.N.O., and (2) FAO Trade Year Book.

## PRINCIPAL COMMODITIES

(Value in U.S. Million Dollars)

1978			1979			1980		
World	India	India's Share (%)	World	India	India's Share (%)	World	India	India's Share (%)
12	13	14	15	16	17	18	19	20
11184.5	26.6	0.2	14125.7	33.5	0.2	14994.4	54.6	0.4
2761.4	51.4	1.9	3407.4	61.4	1.8	3262.5	162.0	5.0
5047.3	18.0	0.4	6306.5	33.1	0.5	7110.4	17.5	0.2
7837.5	104.1	1.3	8892.8	164.0	1.8	10463.5	26.0	0.2
11794.2	186.4	1.6	13427.3	207.8	1.5	12585.1	280.0	2.2
1599.5	412.4	25.8	1616.2	467.6	28.9	1350.0	531.2	39.3
963.9	162.1	16.8	1015.2	231.5	22.8	1372.7	159.5	11.6
7373.6	118.6	1.6	8981.6	264.5	2.9	10555.3	169.4	1.6
3507.8	132.3	3.8	3524.9	130.5	3.7	3436.4	150.9	4.4
2760.9	309.6	11.2	4116.2	543.1	13.2	3268.9	361.1	11.0
685.5	22.4	3.3	869.5	38.2	4.4	950.2	73.4	7.7
939.4	1.4	0.1	1328.8	0.6	Neg.	1597.6	0.8	0.1
4057.0	245.6	6.1	4914.2	322.1	6.6	4798.8	248.0*	5.2
839.3	2.9	0.3	1037.3	5.9	0.6	1183.5	—	—
124239.9	211.9	0.2	144254.0	236.0	0.2	160071.1	255.7	0.2
86778.3	95.5	0.1	104117.2	138.1	0.1	122739.7	141.2	0.1
20606.5	396.6	1.9	25524.0	663.2	2.6	29392.3	436.8	1.5
14860.9	714.8	4.8	17110.5	654.7	3.8	19263.3	582.8	3.0
8082.3	9.4	0.1	9286.9	23.5	0.3	9362.1	30.8	0.3
5450.4	240.8	4.4	6811.0	298.3	4.4	6478.6	354.7	5.5
10194.1	195.2	1.9	12206.0	256.5	2.1	12534.8	201.0	1.6
132740.7	154.3	0.1	150343.0	113.5	0.1	168233.7	256.6	0.2
28142.4	220.7	0.8	32899.3	312.2	0.9	37035.3	216.8	0.6
4798.9	267.6	5.6	5799.0	463.5	8.0	N.A.	412.2	—
86556.0	163.3	0.2	114633.7	185.9	0.2	129957.3	306.8	0.2
51333.0	268.1	0.5	64587.3	283.1	0.4	67831.2	21.9	Neg.

rupee-dollar conversion rate (rf series) given in International Financial Statistics.

## 7.1 : OVERALL EXTERNAL ASSISTANCE

(Rs. crores)

1	Loans	Grants	Total (2+3)	PL 480/665 etc. assistance		Grand Total
				Repayable in rupees	Repayable in convertible currency	
2	3	4	5	6	7	
<b>A. AUTHORISATIONS :</b>						
Up to the end of Third Plan	3808.8	392.0	4200.8	1510.8	..	5711.6
1966-67	1034.1	79.7	1113.8	392.7	..	1506.5
1967-68	398.5	16.8	415.3	235.9	67.6	718.8
1968-69	753.1	68.4	821.5	71.6	53.7	946.8
1969-70	421.8	26.0	447.8	73.6	112.9	634.3
1970-71	705.4	56.5	761.9	..	..	761.9
1971-72	774.5	36.0	810.5	22.5	96.2	929.2
1972-73	639.6	36.6	676.2	..	..	676.2
1973-74	1129.5	41.1	1170.6	..	..	1170.6
1974-75	1481.4	189.8	1671.2	..	..	1671.2
1975-76	2192.8	440.7	2633.5	..	20.0	2653.5
1976-77	806.7	386.1	1192.8	..	93.6	1286.4
1977-78	1536.6	337.6	1874.2	..	22.8	1897.0
1978-79	1894.6	441.1	2335.7	..	..	2335.7
1979-80	1295.1	564.4	1859.5	..	..	1859.5
1980-81	3771.2	68.7	3839.9	..	..	3839.9
1981-82	2633.0	210.4	2843.4	..	..	2843.4
TOTAL	25276.7	3391.9	28668.6	2307.1	466.8	31442.5
<b>B. UTILISATIONS :</b>						
Up to the end of Third Plan	2768.7	336.9	3105.6	1403.2	..	4508.8
1966-67	674.7	97.1	771.8	359.6	..	1131.4
1967-68	793.2	60.7	853.9	310.9	30.8	1195.6
1968-69	679.8	65.2	745.0	84.5	73.1	902.6
1969-70	660.7	26.1	686.8	107.5	62.0	856.3
1970-71	658.9	43.5	702.4	37.7	51.3	791.4
1971-72	671.7	50.5	722.2	8.8	103.1	834.1
1972-73	649.9	12.0	661.9	..	4.3	666.2
1973-74	1015.0	20.7	1035.7	..	..	1035.7
1974-75	1220.4	93.9	1314.3	..	..	1314.3
1975-76	1464.9	283.3	1748.2	..	92.3	1840.5
1976-77	1285.3	245.8	1531.1	..	67.8	1598.9
1977-78	1007.5	260.6	1268.1	..	21.9	1290.0
1978-79	992.4	273.4	1265.8	..	..	1265.8
1979-80	1062.5	304.5	1367.0	..	..	1367.0
1980-81	1768.5	396.4	2164.9	..	..	2164.9
1981-82	1617.2	350.6	1967.8	..	..	1967.8
TOTAL	18991.3	2921.2	21912.5	2312.2	506.6	24731.3

NOTES : 1. Conversions in rupees are at the pre-devaluation rate of exchange (\$1=Rs. 4.7619) up to the end of the Third Plan, and at the post-devaluation rate of exchange (\$1=Rs. 7.50) for the subsequent years up to 1970-71. For the year 1971-72, pre-May 1971 exchange rates have been retained for conversion into rupees. For 1972-73, the rupee figures have been derived on the basis of the central rates which prevailed following the currency realignment of December 1971. From 1973-74, the quarterly average of the exchange rate of the rupee with individual donor currency has been applied to the corresponding quarterly data in respect of utilisation for arriving at the equivalent rupee figure. For 1974-75, utilisation figures have been worked out at current rates which is the monthly average exchange rate of the rupee with individual donor currency. Authorisation figures in rupee terms have been arrived at by applying annual exchange rate of the rupee with individual donor currency from 1973-74 onwards. Utilisation figures for 1975-76, 1976-77 and 1977-78 are based on actual daily rates of the rupee with the donor currency on the respective dates.

- Loan amounts are net of surrenders, de-obligations and cancellations, etc. In case of PL 480, amounts are net of lapsed agreement.
- Figures for utilisation are inclusive of suppliers' credits, which may not be fully reflected in authorisation figures.
- Constituent items may not add up to totals because of rounding.
- Broad indicators for 1982-83 are given in Table 7.5.

## 7.2 : AUTHORISATIONS OF EXTERNAL ASSISTANCE CLASSIFIED BY SOURCE

(Rs. crore)

Source and type of assistance	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>I. Consortium Members</b>												
(a) Loans	705.4	774.5	639.6	1028.1	1297.4	1172.3	681.1	1229.8	1865.6	1152.4	2614.9	2526.3
(b) Grants	53.7	33.7	36.6	41.1	121.0	369.7	325.0	315.6	405.9	461.1	68.8	175.7
(c) PL 480/665 etc. Assistance :												
(i) repayable in rupees	..	22.5	..	..	..	..	..	..	..	..	..	..
(ii) repayable in convertible currency	..	96.2	..	..	..	20.0	93.6	22.8	..	..	..	..
Total	759.1	926.9	676.2	1069.2	1418.4	1562.0	1099.7	1568.2	2271.5	1613.5	2683.7	2702.0
<b>Country-wise Distribution</b>												
<b>(i) Austria</b>												
(a) Loans	1.1	0.7	2.1	2.3	3.2	2.6	2.7	2.3@@	..	7.9	1.7	2.9
(b) Grants	0.4	..	..	..	..	..	..	..	..	..	..	..
Total	1.5	0.7	2.1	2.3	3.2	2.6	2.7	2.3	..	7.9	1.7	2.9
<b>(ii) Belgium</b>												
(a) Loans	10.1	3.0	3.6	5.0	6.0	7.5	9.0	9.4	9.5	9.8	..	10.5
(b) Grants	..	..	..	..	..	0.6	..	..	..	..	..	..
Total	10.1	3.0	3.6	5.0	6.0	8.1	9.0	9.4	9.5	9.8	..	10.5
<b>(iii) Canada</b>												
(a) Loans	26.9	39.1	55.9	56.8	8.2	12.9	9.1	30.5	10.7	17.5	65.8	108.5
(b) Grants	31.9	27.9	10.8	13.6	38.6	45.8	60.9	17.6	12.5	14.0	4.9	..
Total	58.8	67.0	66.7	70.4	46.8	58.7	70.0	48.1	23.2	31.5	70.7	108.5
<b>(iv) Denmark</b>												
(a) Loans	..	..	4.1	..	6.9	..	12.1	..	..	..	..	18.3
(b) Grants	..	..	0.1	..	34.3	2.3	7.5	..	..	..	..	..
Total	..	..	4.2	..	41.2	2.3	19.6	..	..	..	..	18.3
<b>(v) France</b>												
(a) Loans	41.9*	24.0	66.1	56.2	67.3	63.3	74.2	5.4	..	..	182.0	126.4
(b) Grants	..	..	..	..	..	3.8	..	..	..	..	..	..
Total	41.9	24.0	66.1	56.2	67.3	67.1	74.2	5.4	..	..	182.0	126.4
<b>(vi) Federal Republic of Germany</b>												
(a) Loans	51.8	51.4	58.3	87.3	112.3	124.9	131.8	106.9	150.4	279.5	215.2	56.0
(b) Grants	3.5	3.9	5.0	6.7	3.2	5.0	2.0	..	2.6	2.7	..	..
Total	55.3	55.3	63.3	94.0	115.5	129.9	133.8	106.9	153.0	282.2	215.2	56.0
<b>(vii) Italy</b>												
Loans	6.0	6.0	10.1	13.6	..	..	5.8	..	..	..	..	..
<b>(viii) Japan</b>												
(a) Loans	24.3	+110.1	59.1	96.3	81.3	87.5	68.9	131.6	64.3	32.0	46.6	294.5
(b) Grants	..	..	..	..	..	..	..	..	19.4	18.9	15.0	15.9
Total	24.3	110.1	59.1	96.3	81.3	87.5	68.9	131.6	83.7	50.9	61.6	310.4
<b>(ix) Netherlands</b>												
(a) Loans	8.3	10.4	15.3	19.3	25.4	57.7	82.7	68.4	81.6	67.2	67.7	58.1
(b) Grants	0.5	0.5	0.5	0.6	4.2	29.6	20.8	24.3	4.3	29.3	22.1	21.3
Total	8.8	10.9	15.8	19.9	29.6	87.3	103.5	92.7	85.9	96.5	89.8	79.4
<b>Norway</b>												
Grants	1.3	..	..	..	6.0	8.2	10.0	..	..	..	..	..

7. External Assistance  
(Rs. crores)

Source and type of assistance	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12	13
(xi) Sweden												
(a) Loans	18.1	3.7	26.5	12.5	23.5	14.4	..	..	..	..	..	..
(b) Grants	..	..	20.2	20.2	30.8	33.0	48.1	45.4	50.2	111.4	..	72.7
Total	18.1	3.7	46.7	32.7	54.3	47.4	48.1	45.4	50.2	111.4	..	72.7
(xii) U.K.												
(a) Loans	84.8	98.1	108.8	164.6	111.8	..	..	..	..	..	..	..
(b) Grants	1.0	1.4	..	..	3.9	241.4	175.7	228.3	232.9	284.8	..	64.3
Total	85.8	99.5	108.8	164.6	115.7	241.4	175.7	228.3	232.9	284.8	..	64.3
(xiii) U.S.A.												
(a) Loans	264.9@	48.5	30.2	22.9	140.2	..	..	..	48.0	114.1	135.0	11.7
(b) Grants	15.1	..	..	..	..	..	..	..	1.7	..	26.8	1.5
(c) PL 480/665 etc. Assistance :												
(i) repayable in rupees	..	22.5	..	..	..	..	..	..	..	..	..	..
(ii) repayable in converti- ble cur- rency	..	96.2	..	..	..	20.0	93.6	22.8	..	..	..	..
Total	280.0	167.2	30.2	22.9	140.2	20.0	93.6	22.8	49.7	114.1	161.8	13.2
(xiv) I.B.R.D.	41.3	45.0	..	54.7	128.8	87.4	284.8	163.4	227.7	203.8	362.2	532.8
(xv) I.D.A.	125.9	334.5	199.5	436.6	582.5	714.1	..	711.9	1287.1	420.6	1538.7	1306.6
<b>11. U.S.S.R. &amp; East Euro- pean Countries :</b>												
Loans	..	..	..	80.0	..	..	..	208.3	..	..	485.7	..
<i>Country-wise Distribution</i>												
(i) Czechoslovakia												
Loans	..	..	..	80.0	..	..	..	..	..	..	..	..
(ii) Hungary												
Loans	..	..	..	..	..	..	..	..	..	..	..	..
(iii) Poland												
Loans	..	..	..	..	..	..	..	..	..	..	..	..
(iv) U.S.S.R.												
Loans	..	..	..	..	..	..	..	208.3	..	..	485.7	..
(v) Yugoslavia												
Loans	..	..	..	..	..	..	..	..	..	..	..	..
(vi) German Democratic Republic												
Loans												
(vii) Romania												
Loans												
<b>III. Others</b>												
(a) Loans	..	..	..	21.4	184.0	1020.5	125.6	120.6	29.0	142.7	670.6	106.7
(b) Grants	2.8	2.3	..	..	68.8	71.0	61.1	..	35.3	103.3	..	34.7
Total	2.8	2.3	..	21.4	252.8	1091.5	186.7	120.6	64.3	246.0	670.6	141.4

7. External Assistance  
(Rs. crores)

Source and type of assistance	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>Country-wise Distribution</i>												
(i) Australia												
Grants	2.8	2.3	..	..	2.8	6.8	7.6	..	1.5	..	..	..
(ii) Switzerland												
(a) Loans	..	..	..	21.4	..	..	..	..	..	..	..	..
(b) Grants	..	..	..	..	..	..	..	..	33.8	19.7	..	..
Total	..	..	..	21.4	..	..	..	..	33.8	19.7	..	..
(iii) European Economic Community/ United Nations Emergency Operations												
(a) Loans	..	..	..	..	..	..	..	..	..	40.8	..	..
(b) Grants	..	..	..	..	66.0	64.2	53.5	22.1	..	**83.6	..	26.7
Total	..	..	..	..	66.0	64.2	53.5	22.1	..	124.4	..	26.7
(iv) Iran												
Loans	..	..	..	..	144.1	923.7	73.8	..	..	..	..	..
(v) U.A.E.												
Loans	..	..	..	..	39.9	17.5	..	..	..	..	..	..
(vi) O.P.E.C. Fund												
Loans	..	..	..	..	..	..	19.7	12.1	..	16.3	39.8	..
(vii) Saudi Arab Fund for Development												
Loans	..	..	..	..	..	..	..	86.4	..	..	..	29.2
(viii) Kuwait Fund for Arab Economic Development												
(a) Loans	..	..	..	..	..	46.3	..	..	29.0	..	..	77.5
(b) Grants	..	..	..	..	..	..	..	..	..	..	..	8.0
TOTAL	..	..	..	..	..	46.3	..	..	29.0	..	..	85.5
(ix) International Fund for Agricultural Development												
Loans	..	..	..	..	..	..	..	..	..	80.6	13.9	..
(x) Iraq												
Loans	..	..	..	88.0	..	33.0	32.1	..	..	..	82.9	..
(xi) IMF Trust Fund												
Loans	..	..	..	..	..	..	..	..	..	..	534.0	..
<b>GRAND TOTAL</b>	<b>761.9</b>	<b>929.2</b>	<b>676.2</b>	<b>1170.6</b>	<b>1671.2</b>	<b>2653.5</b>	<b>1286.4</b>	<b>1897.0</b>	<b>2335.7</b>	<b>1859.5</b>	<b>3839.9</b>	<b>2843.4</b>
(a) Loans	705.4	774.5	639.6	1129.5	1481.4	2192.8	806.7	1536.6	1894.6	1295.1	3771.2	2633.0
(b) Grants	56.5	36.0	36.6	41.1	189.8	440.7	386.1	337.6	441.1	564.4	68.7	210.4
(c) PL 480/665 etc. Assistance												
(i) repayable in rupees	..	22.5	..	..	..	..	..	..	..	..	..	..
(ii) repayable in convertible currency	..	96.2	..	..	..	20.0	93.6	22.8	..	..	..	..

NOTES : 1. Conversions in rupees are at the pre-devaluation rate of exchange (\$1=Rs. 4.7619) up to the end of the Third Plan and at the post-devaluation rate of exchange (\$1=Rs. 7.50) for the subsequent years up to 1970-71. For the year 1971-72, pre-May 1971 exchange rates have been retained for conversion into rupees. For 1972-73, the rupee figures have been derived on the basis of the central rates which prevailed following realignment of December, 1971. From 1973-74 onwards, the annual average of exchange rate of the rupee with individual donor currency has been used for arriving at the equivalent figures.

2. Constituent items may not add up to total because of rounding.

3. Authorisation figures for 1973-74 and 1974-75 exclude wheat assistance from the USSR.

\*Of this, Rs. 20.6 crores is for 1969-70.

\*\*Of this, Rs. 33.1 crores is grant-in-aid, in the form of skimmed milk powder, butter oil and butter.

+Excludes Rs. 19.0 crores for the tenth Yen Credit signed in April 1971 which is for 1970-71.

@Includes Rs. 120 crores Production Loan No. 207 which is for 1969-70.

@@Assistance for 1976-77.



## 7.3 : UTILISATIONS OF EXTERNAL ASSISTANCE CLASSIFIED BY SOURCE

(Rs. crores)

Source and type of assistance	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>I. Consortium Members</b>												
(a) Loans . . .	601.9	651.8	624.0	794.4	897.0	985.4	968.7	740.0	844.7	955.0	1687.8	1543.0
(b) Grants . . .	42.2	47.9	12.0	20.4	44.3	186.2	235.5	229.7	256.7	260.1	311.8	265.2
(c) PL 480/665 etc. Assistance												
(i) repayable in rupees . . .	37.7	8.8	..	..	..	..	..	..	..	..	..	..
(ii) repayable in convertible currency . . .	51.3	103.1	4.3	..	..	92.3	67.8	21.9	..	..	..	..
Total . . .	733.1	811.6	640.3	814.8	941.3	1263.9	1272.0	991.6	1101.4	1215.1	1999.6	1808.2
<b>Country-wise Distribution</b>												
(i) Austria												
(a) Loans . . .	1.7	0.7	1.8	2.4	1.4	2.7	4.2	1.7	27.6	0.3	2.0	4.0
(b) Grants . . .	0.4	..	..	..	..	..	..	..	..	..	0.6	..
Total . . .	2.1	0.7	1.8	2.4	1.4	2.7	4.2	1.7	27.6	0.3	2.6	4.0
(ii) Belgium												
(a) Loans . . .	5.1	4.2	3.0	2.8	16.3	19.0	8.6	6.8	10.8	7.2	5.5	7.1
(b) Grants . . .	..	..	..	..	..	0.6	..	0.5	..	..	..	..
Total . . .	5.1	4.2	3.0	2.8	16.3	19.6	8.6	7.3	10.8	7.2	5.5	7.1
(iii) Canada												
(a) Loans . . .	46.5	49.4	55.3	47.6	45.4	28.4	16.5	27.0	19.7	17.8	21.3	26.6
(b) Grants . . .	34.6	27.8	5.6	12.3	32.6	44.1	51.4	16.9	3.6	13.6	..	..
Total . . .	81.1	77.2	60.9	59.9	78.0	72.5	67.9	43.9	23.3	31.4	21.3	26.6
(iv) Denmark												
(a) Loans . . .	1.4	1.4	1.0	2.1	1.9	2.1	1.4	3.7	3.8	2.9	2.9	6.8
(b) Grants . . .	..	..	0.1	..	0.3	0.8	1.3	1.1	1.1	..	..	..
Total . . .	1.4	1.4	1.1	2.1	2.2	2.9	2.7	4.8	4.9	2.9	2.9	6.8
(v) France												
(a) Loans . . .	36.8	44.8	39.1	52.3	39.5	62.6	50.7	41.3	38.0	33.4	70.1	37.3
(b) Grants . . .	..	..	..	..	..	..	3.7	..	..	..	..	..
Total . . .	36.8	44.8	39.1	52.3	39.5	62.6	54.4	41.3	38.0	33.4	70.1	37.3
(vi) Federal Republic of Germany												
(a) Loans . . .	53.6	68.2	81.8	81.4	100.8	156.8	131.6	77.3	128.4	117.1	142.3	128.7
(b) Grants . . .	3.5	3.9	5.0	6.2	..	3.3	..	..	2.8	2.8	1.2	0.7
Total . . .	57.1	72.1	86.8	87.6	100.8	160.1	131.6	77.3	131.2	119.9	143.5	129.4
(vii) Italy												
Loans . . .	10.7	12.0	13.5	1.0	1.6	8.5	7.3	16.7	1.1	5.5	0.7	43.8
(viii) Japan												
(a) Loans . . .	36.5	41.8	62.0	95.7	95.6	89.4	129.8	75.9	98.0	51.1	62.0	42.3
(b) Grants . . .	..	..	..	..	..	..	..	..	..	14.9	28.2	9.9
Total . . .	36.5	41.8	62.0	95.7	95.6	89.4	129.8	75.9	98.0	66.0	90.2	52.2
(ix) Netherlands												
(a) Loans . . .	16.2	11.6	11.0	20.1	24.4	23.0	45.0	51.2	62.9	80.0	72.5	85.6
(b) Grants . . .	0.5	0.5	0.5	0.6	..	22.9	17.0	15.5	6.0	2.0	33.8	18.0
Total . . .	16.7	12.1	11.5	20.7	24.4	45.9	62.0	66.7	68.9	82.0	106.3	103.6
(x) Norway												
(a) Loans . . .	..	0.1	1.0	..	..	..	..	..	..	..	..	2.4
(b) Grants . . .	..	1.7	..	0.2	5.9	..	..	..	..	..	..	..
Total . . .	..	1.8	1.0	0.2	5.9	..	..	..	..	..	..	2.4

## 7. External Assistance

(Rs. crores)

Source and type of assistance	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>(xi) Sweden</b>												
(a) Loans	4.0	8.4	12.5	7.9	33.0	26.9	5.9	2.2	..	..	..	..
(b) Grants	..	..	0.4	1.1	5.5	38.3	29.3	47.5	40.0	28.8	52.9	33.6
Total	4.0	8.4	12.9	9.0	38.5	65.2	35.2	49.7	40.0	28.8	52.9	33.6
<b>(xii) U.K.</b>												
(a) Loans	75.3	91.4	125.7	130.5	112.7	63.4	21.3	13.5	12.5	8.1	1.5	6.9
(b) Grants	3.2	1.5	..	..	..	76.2	132.8	148.2	203.2	195.6	155.2	202.8
Total	78.5	92.9	125.7	130.5	112.7	139.6	154.1	161.7	215.7	206.1	196.7	209.7
<b>(xiii) U.S.A.</b>												
(a) Loans	227.9	209.2	50.1	68.2	69.4	36.6	1.0	3.3	21.6	42.8	82.4	69.6
(b) Grants	..	12.5	0.4	..	..	..	..	..	..	..	..	0.1
(c) PL 480/665 etc. assistance												
(i) repayable in rupees	37.7	8.8	..	..	..	..	..	..	..	..	..	..
(ii) repayable in convertible currency	51.3	103.1	4.3	..	..	92.3	67.8	21.9	..	..	..	..
Total	316.9	333.6	54.8	68.2	69.4	128.9	68.8	25.2	21.6	42.8	82.4	69.7
(xiv) I.B.R.D.	41.7	29.1	34.9	27.1	35.2	35.8	68.9	130.3	149.4	120.8	138.8	376.9
(xv) I.D.A.	44.5	79.5	132.0	255.3	319.8	430.2	476.5	289.1	271.0	445.3	522.0	692.9
(xvi) EEC (Special Action Credit)	..	..	..	..	..	..	..	..	..	22.7	19.0	..
(xvii) IFAD	..	..	..	..	..	..	..	..	..	..	7.3	12.3
(xviii) IMF Trust Fund	..	..	..	..	..	..	..	..	..	..	537.5	..
<b>II. USSR &amp; East European Countries</b>												
Loans	54.9	17.8	17.5	182.0*	162.0*	70.0	62.4	54.6	39.3	42.5	35.4	27.9
<b>Country-wise Distribution</b>												
(i) Czechoslovakia												
Loans	1.3	1.4	6.7	6.6	6.4	5.0	8.5	8.7	0.3	0.1	..	..
(ii) Hungary												
Loans	0.7	..	..	..	1.7	2.4	2.8	4.7	1.1	Neg.	Neg.	..
(iii) Poland												
Loans	2.8	2.4	0.6	2.4	1.7	0.5	Neg.	Neg.	0.2	0.2	Neg.	..
(iv) U.S.S.R.												
Loans	36.8	14.0	9.5	164.7	148.9	26.9	26.3	25.7	22.0	34.4	35.4	24.6
(v) Yugoslavia												
Loans	13.3	..	0.7	..	..	16.6	17.7	15.5	15.8	..	..	..
(vi) German Democratic Republic												
Loans	..	..	..	3.3	3.3	8.0	..	..	..	7.8	..	3.3
(vii) Romania												
Loans	..	..	..	5.0	..	10.6	7.1	..	..	..	..	..

(Rs. crores)

Source and type of assistance	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>III. Others</b>												
(a) Loans	2.1	2.1	8.4	8.6	161.4	409.5	254.2	212.9	104.8	65.0	45.3	46.2
(b) Grants	1.3	2.6	..	0.3	49.6	97.1	10.3	30.9	16.6	44.4	84.6	85.4
TOTAL	3.4	4.7	8.4	8.9	211.0	506.6	264.5	243.8	121.4	109.4	129.9	131.6
<i>Country-wise Distribution</i>												
(i) Abu Dhabi Fund												
Loans	..	..	..	..	..	..	..	..	..	6.5	2.0	..
(ii) Australia												
Grants	1.3	2.6	..	..	2.8	13.2	7.5	..	..	1.5	..	..
(iii) Switzerland												
(a) Loans	2.1	2.1	1.6	2.2	0.5	7.6	8.6	4.8	3.9	3.4	0.3	2.3
(b) Grants	..	..	..	..	..	..	..	..	0.4	1.4	13.9	6.5
Total	2.1	2.1	1.6	2.2	0.5	7.6	8.6	4.8	4.3	4.8	14.2	8.8
(iv) Spain												
Loans	..	..	6.8	..	..	..	..	..	..	..	..	..
(v) European Economic Community/ United Nations Emergency Operations												
Grants	..	..	..	0.3	46.8	83.9	2.8	30.9	16.2	41.5	63.7	73.9
(vi) Oil Producing Exporting Countries												
Loans	..	..	..	36.4	160.9	401.9	245.6	208.1	11.5	..	3.4	..
(vii) Saudi Arab Fund for Development												
Loans	..	..	..	..	..	..	..	..	3.2	41.1	13.1	6.0
(viii) Iraq												
Loans	..	..	..	..	..	..	..	..	3.8	1.4	0.7	..
(ix) Iran												
Loans	..	..	..	..	..	..	..	..	70.1	12.6	17.3	..
(x) Kuwait Fund for Arab Economic Development												
Loans	..	..	..	..	..	..	..	..	12.3	..	8.6	10.1
<b>GRAND TOTAL</b>	<b>791.4</b>	<b>834.1</b>	<b>666.2</b>	<b>1035.7</b>	<b>1314.3</b>	<b>1840.5</b>	<b>1598.9</b>	<b>1290.0</b>	<b>1265.8</b>	<b>1367.0</b>	<b>2164.9</b>	<b>1967.8</b>
(a) Loans	658.9	671.7	649.9	1015.0	1220.4	1464.9	1285.3	1007.5	992.4	1062.5	1768.5	1617.2
(b) Grants	43.5	50.5	12.0	20.7	93.9	283.3	245.8	260.6	273.4	304.5	396.4	350.6
(c) PL 480/665 etc. Assistance												
(i) repayable in rupees	37.7	8.8	..	..	..	..	..	..	..	..	..	..
(ii) repayable in convertible currency	51.3	103.1	4.3	..	..	92.3	67.8	21.9	..	..	..	..

NOTES : 1. Conversions in rupees are at the pre-devaluation rate of exchange (\$1=Rs. 4.7619) up to the end of the Third Plan and at the post-devaluation rate of exchange (\$1=Rs. 7.50) for the subsequent years up to 1970-71. For the year 1971-72, pre-May 1971 exchange rates have been retained for conversion into rupees. For 1972-73, the rupee figures have been derived on the basis of the central rates which prevailed following the currency realignment of December, 1971. For 1973-74, the quarterly average rate of the rupee with individual donor currency has been applied to the quarterly data for arriving at the equivalent rupee figures. For 1974-75, figures have been worked out at current rates which is the monthly average exchange rate of the rupee with individual donor currencies. Utilisation figures for 1975-76, 1976-77 and 1977-78 are based on actual daily rates of the rupee with donor currency on the respective dates.

2. Constituent items may not add up to totals because of rounding.

3. Utilisation figures are inclusive of suppliers' credits.

\*Figures include wheat assistance from the USSR for 1973-74 and 1974-75.

## 7.4 ; SHARE OF GRANTS AND UNTIED CREDITS IN EXTERNAL ASSISTANCE

(Rs. crores)					
Period	Total External Assistance	Grants	Share of Grants in Total Assistance (per cent)	Untied Credits*	Share of Untied Credits in Total Assistance (per cent)
1	2	3	4	5	6
Up to the end of Third Plan . . . . .	4508.8	336.9	7.5	1761.6	39.1
1966-67 . . . . .	1131.4	97.1	8.6	183.1	16.2
1967-68 . . . . .	1195.6	60.7	5.1	253.0	21.2
1968-69 . . . . .	902.6	65.2	7.2	156.5	17.3
1969-70 . . . . .	856.3	26.1	3.0	196.3	22.9
1970-71 . . . . .	791.4	43.5	5.5	160.6	20.3
1971-72 . . . . .	834.1	50.5	6.1	177.9	21.3
1972-73 . . . . .	666.2	12.0	1.8	277.6	41.7
1973-74 . . . . .	1035.7	20.7	2.4	451.1	43.6
1974-75 . . . . .	1314.3	93.9	7.0	647.9	49.3
1975-76 . . . . .	1840.5	283.3	15.4	854.8	46.4
1976-77 . . . . .	1598.9	245.8	15.4	886.2	55.4
1977-78 . . . . .	1290.0	260.6	20.2	288.4	22.4
1978-79 . . . . .	1265.8	273.4	21.6	306.2	24.2
1979-80 . . . . .	1367.0	304.5	22.3	291.3	21.3
1980-81 . . . . .	2164.9	396.4	18.3	376.5	17.4
1981-82 . . . . .	1967.8	350.6	17.8	577.2	29.3
<b>TOTAL</b> . . . . .	<b>24731.3</b>	<b>2921.2</b>	<b>11.8</b>	<b>7846.2</b>	<b>31.7</b>

NOTE :—Amounts expressed in foreign currencies have been converted into rupees at the post-devaluation rate of exchange (\$1 = Rs. 7.50) up to 1970-71. For the year 1971-72, pre-May 1971 exchange rates have been retained for conversion into rupees. For 1972-73, the rupee figures have been derived on the basis of the central rates which prevailed following the currency re-alignment of December, 1971. For 1973-74, the quarterly average of the exchange rate of the rupee with individual donor currency has been applied to the quarterly data in respect of utilisation for arriving at the equivalent rupee figures. For 1974-75, utilisation figures have been worked out at current rates which is the monthly average exchange rate of the rupee with individual donor currencies. Utilisation figures for 1975-76, 1976-77 and 1977-78 are based on actual daily rates of the rupee with the donor currency on the respective dates.

\*Comprise mainly loans from the IBRD, Sweden, the U.S.A. and West Germany and debt relief.

## 7.5 : ESTIMATED UTILISATION OF EXTERNAL ASSISTANCE DURING 1982-83\*

(Rs. crores)

Countries/Institutions	Amount
1	2
<b>A. Countries</b>	
1. Austria . . . . .	3.48
2. Belgium . . . . .	4.80
3. Canada . . . . .	41.80
4. Czechoslovakia . . . . .	1.00
5. Denmark . . . . .	6.30
6. Fed. Rep. of Germany . . . . .	145.11
7. France . . . . .	32.20
8. Italy . . . . .	10.19
9. Japan . . . . .	103.01
10. Netherlands . . . . .	89.52
11. Sweden . . . . .	35.90
12. Switzerland . . . . .	1.54
13. U.K. . . . .	88.50
14. U.S.A. . . . .	131.21
15. U.S.S.R. . . . .	100.00
<b>B. Institutions</b>	
1. European Economic Community . . . . .	92.10**
2. IBRD . . . . .	368.96
3. IDA . . . . .	912.83
4. International Fund for Agricultural Development . . . . .	23.15
5. Kuwait Fund . . . . .	58.46
6. OPEC Fund . . . . .	13.58
7. Saudi Fund . . . . .	5.75
8. U.N. Agencies . . . . .	54.58
<b>TOTAL . . . . .</b>	<b>2323.97</b>

\*Provisional.

\*\*Includes food aid of Rs. 45.80 crores.

## 7.6 : EXTERNAL DEBT SERVICING

(Rs. crores)

Period	Amortisation	Interest Payments	Total Debt Servicing
1	2	3	4
First Plan . . . . .	10.5	13.3	23.8
Second Plan . . . . .	55.2	64.2	119.4
Third Plan . . . . .	305.6	237.0	542.6
1966-67 . . . . .	159.7	114.8	274.5
1967-68 . . . . .	210.7	122.3	333.0
1968-69 . . . . .	236.2	138.8	375.0
1969-70 . . . . .	268.5	144.0	412.5
1970-71 . . . . .	289.5	160.5	450.0
1971-72 . . . . .	299.3	180.0	479.3
1972-73 . . . . .	327.0	180.4	507.4
1973-74 . . . . .	399.9	195.9	595.8
1974-75 . . . . .	411.0	215.0	626.0
1975-76 . . . . .	462.7	224.2	686.9
1976-77 . . . . .	507.4	247.3	754.7
1977-78 . . . . .	560.6	260.1	820.7
1978-79 . . . . .	593.7	288.4	882.1
1979-80 . . . . .	570.1	313.9	884.0
1980-81 . . . . .	569.3	298.1	867.4
1981-82 . . . . .	592.0	323.2	915.2
1982-83* . . . . .	609.9	342.8	952.7

\*Estimates.

NOTE : These figures relate to payments made in foreign exchange and through export of goods. Conversions in rupees are at the pre-devaluation rate of exchange (\$1=Rs. 4.7619) for the first three Plans and at the post-devaluation rate of exchange (\$1=Rs. 7.50) for the subsequent years up to 1970-71. For the year 1971-72, pre-May, 1971 exchange rates have been retained for conversion into rupees of amortisation payments; but central rates have been used for computing the rupee equivalent of interest payments effected between December 20, 1971 and March 31, 1972. For 1972-73, central rates have been used. For 1973-74, the quarterly average of the exchange rate of the rupee with individual donor currency has been applied for arriving at the equivalent of rupee figures. For arriving at the rupee equivalent of repayments of principal and interest from 1974-75 onwards, actual daily exchange rates of rupee with the individual donor currency applicable on the respective dates have been used.

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