

APPENDIX VII.I

Methodological Notes on Commodity Price Deflators

In order to express the value of production of each industry at constant prices over the study period, we require different commodity price indices. This task involved a number of problems. Firstly it was not possible to get price indices for exactly the same commodity in each case. This has resulted in our using price indices of similar commodities in such cases. Secondly, none of the statistical sources gives the price indices for the whole period. The revised series of price Indices^{*7} for the period 1952-53 to 1961-62 is available for majority of the industries products under study. However, the price indices are with 1952-53 = 100, as a base year. Another Statistical source, Records and Statistics^{**}, provides price indices for the same or similar products, from 1955-56 to 1973-74, with 1960-61 = 100, as the base year. This creates two problems : Firstly, the price indices for the years 1950-51 and 1951-52 and 1974-75 are to be estimated on some other basis. Secondly, the price indices have to be expressed at a common base year too.

Since the price indices published in Records and

* Revised Series of Price Indices : 1952 to 1961, Office of Economic Advise, Government of India.

** Records and Statistics: An Eastern Economist Publication,
A Quarterly Journal, New Delhi.

Statistics are based on those published by Economic Advisers' Office, we can take the latter's revised price indices for the period 1952-53 to ~~1961-62~~ (with 1952-53 = 100) and the former (published by Records and Statistics) for the period 1961-62 to 1973-74 (with 1961-62 = 100).

In absence of detailed price indices for the years 1950-51 and 1951-52, we have to estimate the price indices. As far as the Grains and Pulses, Edible Vegetables and Hydrogenated Oils and Sugar industries are concerned, we feel that variations in prices of these commodities over these ~~the~~ two years, would have the similar trend as that in Food Articles. As we have price indices for Food & Manufacturing Articles for these two years, it is possible to derive the prices of these two commodities for the years 1951-52 over 1952-53 and in 1950-51 over 1951-52. Assuming that the trend in food articles, would be followed by Edible Oils and Sugar price indices, we applied the variations in Food Articles separately for these two years to these two industries and found out the approximate prices prevalent in case of these commodities in the years 1950-51 and 1951-52. Similarly, for the products of all other industries except the above mentioned ones, we estimated the variations in prices of Manufacturing Articles for these two years (i.e. 1950-51 and

1951-52) and assuming the similar trend in the prices of products of other manufacturing goods, each separately, we have applied the same variations and estimated the approximate price indices for each of these industries separately for the years 1950-51 and 1951-52. Since our price indices for Food Articles and Manufacturing Articles for earlier years are with base year 1952-53 = 100, we have derived the variations in these also with the same base years and applied to respective price indices of different products. Thus we have first prepared the price indices for the products of different commodities for the period 1950-51 to 1961-62 with 1952-53 as base year.

The second comparable source, i.e. Records and Statistics, does not provide the data on prices for these products for the year 1974-75. However, the Report on Currency and Finance, published by the Reserve Bank of India, for the year 1976-77, provides full information on the prices of the same commodities till the year 1975-76. These data are also derived from the economic Adviser's information on prices. However, due to the differences of weightage given to different commodities while preparing the indices, the Records and Statistics and the RBI data do not exactly match. Hence, we feel that instead of using the RBI price index figures for these commodities for the year 1974-75, it would be

better to estimate the variation in each price index in year 1974-75 over the year 1973-74 and apply the variations to respective products of different industries in that year. Following this method we have worked out the figures for the prices of each commodity for the year 1974-75. This of course, is done with 1961-62, as base year.

Thus we have two series of price indices for the two periods for majority of the products of the manufacturing industries under study. One series is for the period 1950-51 to 19~~61~~-62 with 1952-53 as base year and is derived from Revised series of price indices published by Office of Economic Adviser, Government of India, while the other series is for the period 1961-62 to 1974-75 with 1961-62 as base year and is derived from Records and Statistics. In order to make these two series comparable over the whole period, we change each of the price index to a common base with 1961-62 = 100 (as this is a year common in both the series).

Since our intention in expressing the value of production at constant prices is to indicate the growth of output of each industry over the period, we have expressed the value of production at 1950-51 prices (i.e. the first year of our study period) by again changing the base year of these price indices from 1961-62 to 1950-51.

The different price indices applied for different commodities produced in different industries are presented in Appendix VII.II, at the end of this Chapter. However, it is necessary to mention here which price indices have been applied to which commodities.

Since price index for Grains & Pulses is not available for the whole period, we have applied the price index of Food Articles as a proxy for the same. Price index for Edible Oils, Tobacco Manufactures, Cotton Manufactures, Jute Manufactures, Iron & Steel, Aluminium, Metal Products, Chemicals, Drugs and Medicines, Matches, Cement are available for the whole period and hence are applied to the value of production (at current prices) of Industries like Edible and Hydrogenated Oils, Tobacco, Cotton Textiles, Jute Textiles, Iron & Steel, Aluminium, Ferrous/Non-Ferrous Metal Products, Basic Industrial Chemicals, Medicines and Pharmaceutical Preparations, Matches, and Cement respectively.

As far as the Sugar industry is concerned, we have the price index for Sugar & Gur upto 1961-62 and Sugar and allied products for the period 1961-62 to 1974-75. These two being comparable are combined and applied for converting value of production from current to constant prices. Similarly, price index for Chemical Products is available for the period

1961-62 to 1974-75 while for earlier period we have taken price index for General Chemicals, assuming it to be similar to Chemical Products.

In case of Pottery, China Structural Clay Products Industry, we could get price index for Pottery-China upto 1961-62 and had to depend upon the price index for China Clay from 1961-62 onwards upto 1974-75. In case of Rubber and Rubber Products, we could get price index for Rubber, Tyres and Tubes till 1961-62 and Rubber Products from 1961-62 to 1974-75. Similarly for Paper & Paper Products we could get the price index on Paper and News Prints upto 1961-62 and paper, Paper & Products for the remaining period.

As far as the Silk-Rayon and Woollen Textiles Industry is concerned, we have to use the weighted price index according to the components of these products. We have separate price indices for Silk-Rayon and Woollen Textiles with the weights 55 and 12 respectively. Using these weights we averaged these two price indices and derived a single index. Finally, the price index for Machinery & Transport Equipment is used while converting the value of production of Transport Equipment, Electrical Machinery, Apparatus & Appliances and Machinery Other Than Transport in constant prices. In absence of any better alternative price indices for the whole period, we have utilized above mentioned ones for converting the

value of product at constant prices of respective industries.

Having converted the value of production into constant prices, expressing them at 1950-51 prices, we have converted these into Index Numbers which indicate the growth of output of each industry over the period under study.

APPENDIX VII.IICommodity Price Indices (1950-51 = 100)

Commodity	1950- 1951	1951- 1952	1952- 1953	1953- 1954	1954- 1955	1955- 1956	1956- 1957
1. Food articles	100.0	97.6	85.9	93.5	84.4	73.4	85.0
2. Edible Oils	100.0	97.7	86.8	109.2	88.0	70.6	101.8
3. Sugar & Allied Products	100.0	97.6	85.9	110.2	105.1	75.9	83.3
4. Tobacco Manu- facturing	100.0	115.2	96.9	91.7	90.2	90.1	90.1
5. Cotton Mfg.	100.0	115.2	96.8	100.4	103.5	101.9	110.2
6. Jute Mfg.	100.0	115.2	96.8	86.9	96.0	95.9	91.5
7. Silk-Rayon & Woollen Tex- tiles	100.0	115.2	96.8	92.4	91.6	90.4	87.8
8. Iron & Steel	100.0	115.2	96.8	103.8	106.3	111.0	125.1
9. Aluminium	100.0	115.3	96.9	87.8	85.0	89.5	98.9
10. Machinery & Transport Equipment	100.0	115.2	96.8	95.2	93.8	94.3	95.0
11. Metal Produ- cts	100.0	115.2	96.9	103.8	105.4	110.2	124.3
12. Chemicals	100.0	115.3	96.8	92.1	91.4	89.9	89.4
13. Drugs & Phar- maceuticals	100.0	115.2	96.8	89.3	87.9	86.4	85.3
14. Chemical Products	100.0	115.2	96.8	91.0	95.2	94.8	90.7
15. Metals	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16. Cement	100.0	115.1	96.8	88.3	93.0	95.6	102.0
17. Pottery (China)	100.0	115.3	96.9	96.7	93.8	92.1	95.8
18. Rubber & Rubber Pro- ducts	100.0	115.2	96.9	88.1	86.9	83.4	77.2
19. Paper & Paper Products	100.0	115.1	99.4	81.4	82.9	94.7	96.6
20. Manufacturing articles	100.0	115.1	96.8	95.7	97.2	96.2	101.6
21.							

Appendix VII.II (contd.)

Commo- dity	1957- 1958	1958- 1959	1959- 1960	1960- 1961	1961- 1962	1962- 1963	1963- 1964	1964- 1965	1965- 1966
1.	91.8	96.2	101.5	103.3	102.7	110.3	114.7	134.1	145.8
2.	111.5	107.0	110.2	124.9	137.4	135.4	130.9	162.0	194.2
3.	89.8	105.4	122.8	119.0	103.6	120.6	144.6	153.2	138.3
4.	91.6	92.6	93.3	93.6	98.2	107.4	125.4	130.0	130.8
5.	112.6	109.4	109.9	123.5	125.5	126.2	132.1	134.3	139.3
6.	94.6	84.8	84.3	111.4	129.5	120.1	107.4	114.1	144.0
7.	85.2	91.7	92.5	100.1	113.1	121.8	124.7	125.6	126.5
8.	135.4	140.1	140.4	142.4	146.2	154.1	156.6	162.4	172.8
9.	100.9	111.8	108.2	130.0	135.1	140.0	136.5	136.8	154.2
10.	98.0	99.9	102.4	107.2	110.0	113.9	117.9	121.9	127.7
11.	134.0	138.5	139.2	142.5	146.4	154.6	157.7	163.5	173.6
12.	94.5	100.5	104.7	101.4	105.3	117.3	119.5	122.5	129.5
13.	96.9	91.6	100.5	97.1	94.3	96.0	97.1	97.7	99.0
14.	93.6	109.1	111.1	96.2	94.3	95.4	96.5	97.7	101.6
15.	120.1	131.7	131.5	131.5	138.9	147.8	148.6	148.6	151.9
16.	118.9	124.9	124.9	125.2	134.0	138.7	143.3	147.2	157.2
17.	100.9	105.3	109.6	110.1	114.8	114.8	114.8	114.8	114.8
18.	77.5	76.6	81.1	83.3	84.7	86.4	90.4	95.8	101.2
19.	105.2	114.2	114.9	107.4	107.4	110.2	114.8	114.9	113.8
20.	104.6	104.8	106.2	117.0	123.2	126.1	128.3	132.4	142.1

Appendix VII.II (contd.)

Commo- dity	1966- 1967	1967- 1968	1968- 1969	1969- 1970	1970- 1971	1971- 1972	1972- 1973	1973- 1974	1974- 1975
1.	166.2	209.9	205.9	198.5	208.7	212.5	236.8	286.3	361.2
2.	254.5	268.1	217.7	268.3	315.9	287.8	294.4	439.3	551.1
3.	148.9	248.5	278.8	189.7	173.2	210.4	280.6	298.9	313.3
4.	135.5	158.3	178.1	193.8	208.0	230.4	245.9	266.9	324.5
5.	148.6	154.9	155.1	163.1	173.6	197.9	203.2	218.3	265.8
6.	162.0	143.4	158.7	197.5	214.8	241.7	250.8	243.4	321.8
7.	138.1	140.0	138.0	140.2	145.0	153.6	162.0	196.2	217.3
8.	182.6	196.3	207.9	218.3	235.7	248.5	282.5	312.9	382.3
9.	163.4	166.5	160.7	165.9	178.5	179.6	181.5	182.8	223.4
10.	136.4	144.2	145.5	148.3	159.7	171.7	182.7	194.2	250.2
11.	183.1	197.1	208.1	218.2	237.0	250.5	283.5	313.2	382.6
12.	146.1	162.8	174.0	190.2	198.0	204.6	210.1	221.1	295.7
13.	102.6	114.1	116.2	120.6	130.5	140.3	140.3	140.3	156.2
14.	111.7	119.8	121.1	130.3	134.9	141.0	145.2	154.3	209.7
15.	154.4	158.5	188.5	158.5	158.5	158.5	158.5	158.5	158.5
16.	181.1	181.2	181.8	193.8	199.9	212.2	221.8	225.7	296.5
17.	114.8	114.8	115.8	127.4	137.9	143.4	158.2	181.3	224.5
18.	120.2	123.7	126.2	132.5	132.3	132.7	134.5	136.5	165.3
19.	113.4	114.8	118.4	127.1	130.1	136.4	147.0	153.4	222.0
20.	154.6	161.2	163.4	173.5	186.8	202.3	214.7	239.0	295.9

Source: 1. Revised Series of Price Indices: 1953 to 1961, Office of Economic Adviser, Government of India.

2. Records and Statistics: A Quarterly Journal of Eastern Economist, New Delhi.

Note: For detail discussion, please refer to Appendix VII.I.

APPENDIX VII.III
Explanatory Variables

Table VII-III.I : Turnover Assets Ratio : (x_1)

Ind. Sl. Industry No.	1950- 1951	1951- 1952	1952- 1953
<u>CONSUMERS GOODS SECTOR</u>			
1. Grains & Pulses	2494	2.784	3.890
2. Edible Vegetable and Hydrogenated Oils	1.560	2.007	1.854
3. Sugar	0.854	0.874	0.967
4. Tobacco	1.301	1.366	1.462
5. Cotton Textiles	1.094	1.329	1.285
6. Silk-Rayon & Woollen Textiles	0.385	0.513	0.480
7. Medicines & Pharmaceutical Preparations	0.825	0.839	0.834
8. Matches	2.310	2.340	2082
9. Pottery-China-Earthenware and Structural Clay Products.	0.607	0.642	0.647
10. Paper & Paper Products	0.692	0.724	0.701
Total	1.057	1.227	1.205
<u>BASIC GOODS SECTOR</u>			
11. Iron & Steel	0.754	0.837	0.843
12. Aluminium	0.403	0.458	0.474
13. Basic Industrial Chemicals	0.514	0.609	0.496
14. Cement	0.572	0.648	0.693
Total	0.660	0.739	0.743
<u>CAPITAL GOODS SECTOR</u>			
15. Transport Equipment	0.757	1.153	1.004
16. Electrical Machinery, Apparatus & Appliances	0.560	0.637	0.546
17. Machinery (Other than Transport, etc.)	0.716	0.662	0.749
18. Ferrous/Non-Ferrous Metal Products.	1.040	0.966	1.037
Total	0.715	0.757	0.767
<u>INTERMEDIARY GOODS SECTOR</u>			
19. Jute Textiles	1.388	1.755	2.000
20. Other Chemical Products	0.709	0.833	0.905
21. Rubber & Rubber Products	1.326	1.856	1.634
Total	1.360	1.733	1.924
<u>WHOLE MANUFACTURING SECTOR</u>			
	0.985	1.859	1.147

Table VII.III.I (contd.)

Ind. Sl. No.	Industry	1953- 1954	1954- 1955	1955- 1956	1956- 1957	1957- 1958	1958- 1959
<u>CONSUMERS GOODS SECTOR</u>							
1.		3.742	3.683	3.199	3.217	3.081	3.272
2.		2.039	2.020	1.904	2.048	2.182	2.120
3.		1.201	0.862	0.651	0.770	0.842	0.899
4.		1.396	1.508	0.809	0.824	0.837	0.897
5.		1.188	1.261	1.335	1.160	1.089	1.139
6.		0.547	0.558	0.587	0.532	0.565	0.817
7.		0.789	0.815	0.944	1.013	1.115	1.078
8.		1.876	1.634	0.809	0.801	0.791	0.870
9.		0.631	0.683	0.766	0.787	0.712	0.693
10		0.676	0.619	0.663	0.681	0.651	0.681
Total		1.183	1.164	1.098	1.034	1.009	1.065
<u>BASIC GOODS SECTOR</u>							
11.		0.742	0.712	0.627	0.508	0.353	0.365
12.		0.458	0.645	0.654	0.733	0.668	0.689
13.		0.559	0.637	0.564	0.615	0.591	0.489
14.		0.656	0.721	0.621	0.551	0.502	0.487
Total		0.684	0.703	0.621	0.538	0.416	0.415
<u>CAPITAL GOODS SECTOR</u>							
15.		0.751	1.327	1.052	1.058	1.188	1.094
16.		0.740	0.833	0.939	1.058	1.056	0.960
17.		0.716	0.779	1.018	1.008	0.923	0.936
18.		0.851	1.105	1.113	1.534	1.397	1.311
Total		0.730	0.908	1.019	1.044	1.056	1.007
<u>INTERMEDIARY GOODS SECTOR</u>							
19.		1.321	1.368	1.356	1.313	1.446	1.280
20.		1.301	1.455	1.255	1.172	1.168	1.216
21.		1.682	1.649	1.363	1.368	1.384	1.293
Total		1.357	1.404	1.346	1.304	1.404	1.274
<u>WHOLE MANUFACTURING SECTOR</u>							
		1.046	1.056	1.013	0.953	0.894	0.886

Table VII.III.I (contd.)

Ind. Sl. No.	1959- 1960	1960- 1961	1961- 1962	1962- 1963	1963- 1964	1964- 1965	1965- 1966	1966- 1967	1967- 1968
<u>CONSUMERS GOODS SECTOR</u>									
1.	3.521	4.223	3.776	3.899	3.622	3.824	2.888	3.409	2.533
2.	2.267	2.647	2.785	2.800	2.639	2.639	3.022	3.436	3.872
3.	0.345	0.681	0.725	0.940	1.122	0.972	0.848	0.838	1.043
4.	0.917	1.039	1.071	1.074	1.228	1.341	1.783	1.749	1.631
5.	1.228	1.226	1.252	1.153	1.245	1.194	1.111	1.163	1.151
6.	0.818	0.700	0.653	0.660	0.787	0.857	0.869	0.917	0.915
7.	1.034	1.094	1.004	1.009	0.986	1.067	1.097	1.119	1.111
8.	1.011	1.075	1.102	1.062	1.091	1.109	1.171	1.184	1.234
9.	0.645	0.576	0.673	0.716	0.688	0.687	0.692	0.677	0.706
10.	0.727	0.678	0.664	0.633	0.603	0.567	0.566	0.560	0.559
Total	1.112	1.079	1.092	1.079	1.155	1.117	1.044	1.080	1.102
<u>BASIC GOODS SECTOR</u>									
11.	0.475	0.493	0.539	0.587	0.622	0.632	0.651	0.562	0.548
12.	0.611	0.661	0.452	0.429	0.549	0.536	0.387	0.413	0.450
13.	0.491	0.625	0.594	0.538	0.544	0.616	0.645	0.627	0.597
14.	0.532	0.620	0.655	0.706	0.668	0.690	0.707	0.814	0.781
Total	0.496	0.548	0.569	0.592	0.609	0.635	0.628	0.610	0.597
<u>CAPITAL GOODS SECTOR</u>									
15.	1.457	1.109	1.014	1.023	0.927	1.014	1.014	0.895	0.822
16.	0.952	1.031	1.019	1.110	1.143	1.177	1.053	0.989	0.951
17.	0.941	0.872	0.854	0.857	0.919	0.936	0.773	0.717	0.680
18.	1.292	0.967	1.020	1.004	1.089	1.192	1.082	0.982	0.972
Total	1.029	1.009	0.976	0.994	0.998	1.059	0.973	0.887	0.843
<u>INTERMEDIARY GOODS SECTOR</u>									
19.	1.247	1.581	1.662	1.474	1.352	1.385	1.607	1.548	1.619
20.	1.163	1.312	1.275	1.363	1.253	1.179	1.627	1.581	1.673
21.	1.400	1.423	1.210	1.195	1.239	1.219	1.172	1.312	1.452
Total	1.257	1.517	1.509	1.402	1.315	1.319	1.503	1.499	1.592
<u>WHOLE MANUFACTURING SECTOR</u>									
	0.935	0.968	0.976	0.974	1.006	1.013	0.973	0.954	0.949

Table VII.III.I (contd.)

Ind. Sl. No.	1968- 1969	1969- 1970	1970- 1971	1971- 1972	1972- 1973	1973- 1974	1974- 1975
<u>CONSUMERS GOODS SECTOR</u>							
1.	3.719	4.442	5.408	5.950	5.748	4.281	5.491
2.	3.488	3.567	3.949	3.428	3.632	3.067	3.672
3.	1.045	0.902	0.754	0.961	1.286	1.039	1.117
4.	1.418	1.434	1.488	1.467	1.459	1.383	1.368
5.	1.206	1.280	1.253	1.275	1.380	1.358	1.426
6.	0.925	0.871	1.103	1.099	1.143	1.106	1.091
7.	1.188	1.247	1.211	1.273	1.305	1.311	1.340
8.	1.266	1.592	NA	NA	NA	NA	NA
9.	0.702	0.716	0.782	0.882	0.884	0.879	0.857
10.	0.602	0.665	0.753	0.778	0.761	0.772	0.914
Total	1.135	1.158	1.164	1.214	1.315	1.260	1.315
<u>BASIC GOODS SECTOR</u>							
11.	0.644	0.640	0.667	0.652	0.635	1.353	0.687
12.	0.435	0.490	0.583	0.541	0.628	0.471	0.551
13.	0.622	0.665	0.600	0.656	0.714	0.727	0.893
14.	0.679	0.699	0.751	0.776	0.786	0.752	0.823
Total	0.615	0.640	0.639	0.663	0.687	0.666	0.799
<u>CAPITAL GOODS SECTOR</u>							
15.	0.845	0.855	0.972	1.039	1.071	1.081	1.103
16.	0.955	1.058	1.037	1.114	1.102	1.099	1.138
17.	0.723	0.773	0.793	0.808	0.883	0.907	0.967
18.	1.001	1.045	1.066	1.112	1.178	1.124	1.208
Total	0.867	0.915	0.945	0.998	1.034	1.036	1.083
<u>INTERMEDIARY GOODS SECTOR</u>							
19.	1.625	1.541	1.433	1.715	1.862	1.499	1.537
20.	1.658	1.795	1.697	1.754	1.580	1.572	1.548
21.	1.466	1.439	1.326	1.251	1.395	1.351	1.428
Total	1.592	1.589	1.493	1.592	1.628	1.469	1.510
<u>WHOLE MANUFACTURING SECTOR</u>							
	0.974	1.006	0.989	1.042	1.098	1.066	1.141

Source: Derived from Financial Statistics of Joint Stock Companies in India, RBI 1967, 1975 and 1977.

Notes: (1) Turnover Assets Ratio = Net sales/Total Net Assets.
 (2) Sales are net of excise duties, cess etc.
 (3) Total Net Assets comprise of Net Fixed Assets plus current Assets. (4) N.A. = Not Available.

Table VII-III-II : Net Fixed Assets as Percentage of Total Net Assets : (x_2)

Ind. sl. Industry No.	1950- 1951	1951- 1952	1952- 1953
<u>CONSUMERS GOODS SECTOR</u>			
1. Grains & Pulses	31.7	31.0	33.9
2. Edible Vegetable and Hydrogenated Oils	37.4	38.5	40.4
3. Sugar	29.4	24.8	24.2
4. Tobacco	18.7	17.9	17.7
5. Cotton Textiles	23.7	22.4	25.4
6. Silk-Rayon & Woollen Textiles	62.1	56.1	57.8
7. Medicines & Pharmaceutical Preparations	28.2	29.5	31.1
8. Matches	16.8	16.4	15.3
9. Matches			
9. Pottery-China-Earthenware & Structural Clay Products.	44.3	40.7	40.3
10. Paper & Paper Products	47.7	42.7	42.7
Total	27.7	25.8	27.9
<u>BASIC GOODS SECTOR</u>			
11. Iron & Steel	41.0	38.2	37.8
12. Aluminium	58.7	51.3	46.4
13. Basic Industrial Chemicals	59.0	55.8	51.2
14. Cement	40.9	41.2	43.1
15. Total	43.8	41.7	41.3
<u>CAPITAL GOODS SECTOR</u>			
15. Transport Equipment	34.0	32.2	32.0
16. Electrical Machinery, Apparatus & Appliances	30.2	23.5	23.7
17. Machinery (Other than Transport, etc.)	35.5	34.6	33.6
18. Ferrous/Non-Ferrous Metal Products.	29.1	27.9	43.1
Total	34.2	32.3	31.4
<u>INTERMEDIARY GOODS SECTOR</u>			
19. Jute Textiles	32.9	27.1	33.2
20. Other Chemical Products	36.4	33.9	39.1
21. Rubber & Rubber Products	22.9	19.8	22.2
Total	32.2	26.7	32.3
<u>WHOLE MANUFACTURING SECTOR</u>			
	32.0	29.5	31.5

Table VII.III.II (contd.)

Ind. Sl. No.	1953- 1954	1954- 1955	1955- 1956	1956- 1957	1957- 1958	1958- 1959
<u>CONSUMERS GOODS SECTOR</u>						
1.	27.3	23.7	26.8	33.2	29.2	30.7
2.	40.0	43.2	38.3	35.6	36.0	33.5
3.	27.7	26.0	27.3	30.7	33.4	36.2
4.	20.7	21.3	11.3	13.3	14.6	14.1
5.	26.3	27.5	30.6	31.1	33.6	36.3
6.	63.0	61.1	65.6	64.7	65.5	58.8
7.	30.0	29.5	31.3	31.6	32.6	34.1
8.	17.6	22.7	22.6	23.4	29.2	36.6
9.	37.4	32.4	36.2	31.9	34.7	35.7
10	44.2	48.1	46.4	48.1	54.3	54.5
Total	29.5	30.2	31.5	32.7	35.4	37.3
<u>BASIC GOODS SECTOR</u>						
11.	42.3	42.5	43.6	52.5	63.9	67.6
12.	52.9	52.8	56.7	51.3	53.3	59.5
13.	53.0	52.1	52.5	50.3	48.1	59.0
14.	44.2	46.9	51.8	54.6	53.1	55.9
Total	44.5	45.1	47.2	52.8	60.0	64.1
<u>CAPITAL GOODS SECTOR</u>						
15.	30.2	26.4	26.8	23.6	25.9	31.1
16.	28.9	25.5	21.4	22.4	24.3	25.6
17.	33.2	31.2	31.6	29.6	28.6	30.9
18.	43.7	39.5	33.9	34.9	38.5	31.8
Total	32.3	29.6	28.1	26.1	27.0	30.2
<u>INTERMEDIARY GOODS SECTOR</u>						
19.	35.2	39.4	40.5	41.0	45.2	44.7
20.	38.7	36.8	30.5	33.7	29.6	28.5
21.	26.0	23.4	31.1	29.1	30.9	37.9
Total	34.4	37.5	38.5	36.8	41.4	41.9
<u>WHOLE MANUFACTURING SECTOR</u>	33.4	34.1	35.0	36.6	41.0	44.3

Table VII.III.II (contd.)

Ind. Sl. No.	1959- 1960	1960- 1961	1961- 1962	1962- 1963	1963- 1964	1964- 1965	1965- 1966	1966- 1967	1967- 1968
<u>CONSUMERS GOODS SECTOR</u>									
1.	30.1	40.8	39.3	39.3	37.1	39.9	37.2	42.7	39.7
2.	29.9	29.1	30.8	28.2	27.8	28.7	33.2	30.1	34.5
3.	35.4	32.4	30.2	34.6	39.2	36.7	33.6	31.0	39.2
4.	13.6	13.4	13.7	13.7	13.9	13.6	13.4	13.1	12.1
5.	38.2	38.1	38.8	40.2	41.6	40.4	40.6	43.4	41.3
6.	51.4	50.7	60.0	55.1	51.0	49.2	48.2	46.6	48.4
7.	36.1	34.3	36.1	38.7	38.0	38.0	32.0	31.5	32.3
8.	37.2	36.5	36.4	34.3	34.8	37.4	36.1	36.8	37.7
9.	31.9	55.5	50.7	48.8	47.5	48.7	47.7	46.1	46.7
10.	51.8	57.8	59.4	57.6	62.3	62.2	62.6	62.8	61.8
Total	37.6	38.1	39.0	40.4	42.4	41.4	41.4	42.2	42.3
<u>BASIC GOODS SECTOR</u>									
11.	69.8	70.4	67.9	65.6	61.8	57.7	58.4	59.5	59.4
12.	44.0	56.9	72.2	65.4	67.7	68.7	70.6	71.1	68.9
13.	59.2	53.4	57.2	57.6	59.4	58.7	57.3	58.6	56.7
14.	58.9	59.7	56.0	54.9	53.9	53.5	53.8	53.3	52.3
Total	65.1	64.8	63.5	61.5	59.8	57.7	58.7	59.6	58.4
<u>CAPITAL GOODS SECTOR</u>									
15.	34.0	32.0	32.0	34.2	35.6	37.0	37.9	42.5	42.0
16.	25.3	28.3	27.6	27.5	27.6	27.8	30.7	31.0	30.3
17.	31.1	32.8	32.8	31.8	30.2	28.5	33.5	31.9	31.4
18.	28.9	37.0	38.2	34.4	34.5	34.1	36.1	36.9	37.4
Total	31.3	32.5	34.4	32.3	32.4	32.4	34.7	35.9	35.5
<u>INTERMEDIARY GOODS SECTOR</u>									
19.	43.5	37.0	36.8	34.7	36.3	37.2	33.9	30.8	32.5
20.	24.6	24.7	25.3	25.1	22.7	22.8	30.1	29.6	31.2
21.	38.7	36.4	37.0	34.5	32.6	32.1	36.1	32.9	31.6
Total	40.3	35.3	35.4	32.1	33.6	34.0	33.4	31.0	31.9
<u>WHOLE MANUFACTURING SECTOR</u>									
	44.6	43.3	43.1	42.8	43.3	42.1	42.5	43.2	43.0

Table VII.III.II (contd.)

Ind.Sl. No.	1968-1969	1969-1970	1970-1971	1971-1972	1972-1973	1973-1974	1974-1975
<u>CONSUMER GOODS SECTOR</u>							
1.	40.2	36.8	32.4	33.8	25.0	18.2	32.1
2.	32.2	32.8	50.4	50.3	52.2	48.5	53.1
3.	34.7	29.7	25.5	26.2	30.7	28.0	29.2
4.	12.1	11.6	13.3	14.4	14.4	16.3	16.9
5.	39.9	38.7	37.5	35.0	35.4	32.8	32.0
6.	48.1	45.4	43.0	42.3	42.6	41.9	46.8
7.	33.1	31.2	31.4	30.8	29.3	28.9	26.9
8.	37.2	38.9	NA	NA	NA	NA	NA
9.	45.7	45.7	39.5	39.5	37.1	38.2	37.9
10	60.2	54.6	56.4	53.8	53.8	53.5	50.0
Total	40.8	38.3	36.4	35.2	36.0	34.3	34.5
<u>BASIC GOODS SECTOR</u>							
11.	58.9	57.0	56.5	54.3	53.5	49.9	46.6
12.	63.6	65.1	62.5	62.7	60.9	62.3	59.7
13.	57.3	57.1	54.8	55.8	54.7	53.4	45.2
14.	54.9	54.0	53.5	50.7	49.7	47.3	47.4
Total	58.2	57.5	55.7	55.3	54.3	52.5	47.2
<u>CAPITAL GOODS SECTOR</u>							
15.	40.8	39.7	39.1	36.4	35.9	33.7	30.8
16.	30.9	30.1	27.8	26.7	26.1	24.9	23.7
17.	30.9	28.9	26.6	25.4	25.5	24.3	23.1
18.	38.3	38.1	37.1	34.4	34.1	30.4	30.0
Total	35.3	34.1	31.8	31.2	31.3	30.7	30.4
<u>INTERMEDIARY GOODS SECTOR</u>							
19.	33.9	32.0	31.9	28.9	29.9	26.7	27.5
20.	30.4	29.2	28.5	26.7	31.9	30.6	26.5
21.	31.3	30.7	36.1	36.3	37.8	36.8	30.2
Total	32.1	30.8	31.9	30.3	32.8	30.8	27.9
<u>WHOLE MANUFACTURING GOODS SECTOR</u>							
	42.4	40.8	39.7	38.6	38.9	37.3	35.6

Source: Derived from "Financial Statistics of Joint Stock Companies in India", RBI, 1967, 1975, 1977.

Notes: 1. Net Fixed Assets comprise of Land, Buildings, Plant & Machinery & Other Fixed Assets. 2. Total Net Assets comprison of Net Fixed Assets plus Current Assets.(3) NA=Not Available.

Table VII.III.III : Capital:Output Ratio^o.(x₃)

Ind. Sl. No.	Industry	1950- 1951	1951- 1952	1952- 1953
<u>CONSUMERS GOODS SECTOR</u>				
1.	Grains & Pulses	6.2	8.6	-10.4
2.	Edible Vegetable & Hydroganated Oils	10.7	11.7	12.1
3.	Sugar	6.2	5.9	6.7
4.	Tobacco	4.7	4.0	4.2
5.	Cotton Textiles	5.5	5.0	6.3
6.	Silk-Rayon & Woollen Textiles	9.6	8.7	10.3
7.	Medicines & Pharmaceutical Preparations	3.9	3.9	4.1
8.	Matches	2.1	2.5	2.4
9.	Pottery-China-Earthenware & Structural Clay Products.	5.1	5.4	5.9
10.	Paper & Paper Products	5.8	5.2	5.6
	Total	5.6	5.2	6.3
<u>BASIC GOODS SECTOR</u>				
11.	Iron & Steel	4.4	4.8	5.0
12.	Aluminium	7.2	7.2	8.3
13.	Basic Industrial Chemicals	8.5	8.2	9.7
14.	Cement	6.2	5.7	6.3
	Total	5.2	5.3	5.6
<u>CAPITAL GOODS SECTOR</u>				
15.	Transport Equipment	7.9	6.4	6.7
16.	Electrical Machinery, Apparatus & Appliances	5.1	4.9	5.8
17.	Machinery (Other Than Transpoet, etc.)	4.7	4.8	4.8
18.	Ferrous/Non-Ferrous Metal Products.	4.8	7.3	19.4
	Total	5.2	5.2	5.3
<u>INTERMEDIARY GOODS SECTOR</u>				
19.	Jute Textiles	6.3	6.3	7.0
20.	Other Chemical Products	6.2	6.3	14.1
21.	Rubber & Rubber Products	3.8	3.1	3.9
	Total	6.2	6.0	6.7
<u>WHOLE MANUFACTURING SECTOR</u>		5.6	5.3	6.2

Table VII.III.III (contd.)

Ind.Sr. No.	1953- 1954	1954- 1955	1955- 1956	1956- 1957	1957- 1958	1958- 1959
<u>CONSUMER GOODS SECTOR</u>						
1.	5.7	4.3	4.5	4.1	4.1	4.1
2.	8.8	13.4	5.9	6.6	7.5	6.1
3.	5.7	6.4	6.3	6.0	6.0	6.1
4.	5.0	4.4	2.1	2.2	2.4	2.5
5.	5.5	5.4	4.6	4.8	5.9	5.8
6.	8.8	7.7	6.8	6.9	7.6	4.6
7.	4.3	4.1	3.7	3.8	3.6	3.5
8.	2.5	2.8	2.8	2.9	3.2	3.0
9.	6.0	5.5	4.4	4.1	4.3	4.1
10.	5.3	6.3	5.2	5.5	5.9	5.4
Total	5.5	5.6	4.7	4.8	5.7	5.5
<u>BASIC GOODS SECTOR</u>						
11.	5.2	4.7	4.5	5.4	7.5	8.1
12.	10.3	7.8	6.7	6.3	6.1	5.5
13.	9.0	9.6	7.8	7.3	7.3	8.3
14.	6.3	5.7	5.5	6.4	7.2	7.6
Total	5.8	5.3	5.0	5.8	7.3	7.8
<u>CAPITAL GOODS SECTOR</u>						
15.	8.3	5.1	4.7	5.5	5.3	4.9
16.	5.5	4.4	2.9	2.8	3.1	3.2
17.	4.7	4.4	3.4	3.2	3.3	3.5
18.	13.0	7.0	6.7	7.7	7.0	4.4
Total	5.4	4.5	3.8	3.9	3.9	3.9
<u>INTERMEDIARY GOODS SECTOR</u>						
19.	7.3	7.1	7.5	8.4	7.9	7.5
20.	6.4	8.9	3.7	3.7	3.5	3.2
21.	3.9	3.8	3.6	3.7	3.4	3.6
Total	6.9	6.8	6.9	7.5	6.9	6.6
<u>WHOLE MANUFACTURING SECTOR</u>	5.7	5.6	4.9	5.1	5.8	5.8

Table VII.III.III (contd.)

Ind.Sl. No.	1959-1960	1960-1961	1961-1962	1962-1963	1963-1964	1964-1965	1965-1966	1966-1967	1967-1968
<u>CONSUMER GOODS SECTOR</u>									
1.	3.8	4.3	5.3	5.8	5.6	3.9	5.2	5.3	7.1
2.	5.2	5.4	5.7	5.7	6.3	5.2	6.1	5.9	8.0
3.	5.9	6.6	7.2	7.3	6.1	6.0	6.0	7.4	8.0
4.	2.4	2.3	2.6	2.5	2.7	2.4	2.3	2.9	2.9
5.	5.1	4.3	4.2	4.8	4.9	4.6	5.1	5.3	5.5
6.	4.1	4.4	5.1	5.2	5.2	5.0	4.0	4.0	4.3
7.	3.5	2.6	2.7	2.8	2.7	2.5	2.0	2.2	2.4
8.	2.7	2.8	2.8	2.7	3.0	3.1	3.1	3.2	3.5
9.	4.1	4.8	4.2	4.1	4.6	5.0	5.0	5.0	5.4
10.	5.3	5.9	6.5	6.6	6.9	7.1	7.1	7.8	8.5
Total	4.9	4.5	4.5	5.0	4.9	4.7	4.8	5.1	5.3
<u>BASIC GOODS SECTOR</u>									
11.	6.7	6.8	6.8	6.6	6.6	6.5	7.1	9.6	10.2
12.	4.4	4.4	5.9	5.5	4.8	4.7	5.3	6.4	6.2
13.	7.1	4.3	4.9	5.3	5.5	5.0	4.9	5.4	6.3
14.	7.2	6.8	6.5	6.1	6.7	6.6	6.4	6.0	6.8
Total	6.7	6.3	6.4	6.2	6.3	6.0	6.2	7.2	7.8
<u>CAPITAL GOODS SECTOR</u>									
15.	4.2	4.0	4.0	3.9	4.3	4.0	4.0	4.8	5.0
16.	3.0	2.9	2.9	2.7	2.6	2.5	2.9	3.3	3.5
17.	3.4	3.1	3.1	3.2	3.1	3.0	3.7	4.2	4.7
18.	4.7	3.2	3.3	3.4	3.2	3.0	3.0	3.8	4.3
Total	3.6	3.4	3.4	3.4	3.4	3.2	3.4	4.1	4.4
<u>INTERMEDIARY GOODS SECTOR</u>									
19.	6.8	7.3	8.7	5.7	6.2	6.8	6.0	7.7	7.4
20.	2.5	2.5	2.6	2.3	2.3	2.2	2.9	3.0	3.1
21.	3.3	3.4	3.3	3.5	3.4	3.0	3.4	3.6	3.0
Total	5.9	6.1	6.6	5.0	5.2	5.5	4.6	5.3	4.9
<u>WHOLE MANUFACTURING SECTOR</u>									
	5.2	4.7	4.8	4.9	4.9	4.7	4.7	5.2	5.5

Table VII.III.II (contd.)

Ind. Sl.No.	1968- 1969	1969- 1970	1970- 1971	1971- 1972	1972- 1973	1973- 1974	1974- 1975
<u>CONSUMER GOODS SECTOR</u>							
1.	7.2	7.8	6.2	5.9	7.9	8.3	8.2
2.	5.4	5.3	6.7	9.0	6.8	5.0	6.1
3.	5.9	7.1	8.9	7.2	5.6	7.2	8.4
4.	2.8	2.8	2.7	3.1	3.6	3.3	4.1
5.	5.6	5.2	5.5	5.9	5.4	4.7	5.6
6.	4.2	4.1	3.9	4.2	4.3	4.3	4.6
7.	2.2	2.0	2.3	2.4	2.4	2.6	3.1
8.	3.4	3.0	NA	NA	NA	NA	NA
9.	5.6	5.8	4.9	4.2	4.0	4.5	5.2
10.	7.9	6.3	6.0	6.0	6.6	7.1	5.6
Total	5.1	4.8	5.1	5.2	4.9	4.7	5.3
<u>BASIC GOODS SECTOR</u>							
11.	9.4	9.4	8.9	9.7	11.3	10.9	11.1
12.	6.5	6.1	5.9	6.7	7.5	10.3	13.8
13.	6.3	5.6	5.0	5.0	5.1	5.4	5.5
14.	8.2	7.6	7.6	7.8	9.6	12.4	13.7
Total	7.9	7.6	6.7	6.8	7.4	8.0	8.3
<u>CAPITAL GOODS SECTOR</u>							
15.	5.1	5.1	4.9	4.7	4.9	5.0	5.6
16.	3.8	3.5	3.2	2.9	3.1	3.3	3.6
17.	4.6	4.3	3.9	4.0	3.8	3.8	4.1
18.	4.3	3.9	3.4	3.4	3.7	3.6	3.9
Total	4.5	4.3	3.8	3.8	3.8	3.9	4.3
<u>INTERMEDIARY GOODS SECTOR</u>							
19.	6.8	6.7	5.7	4.6	4.8	5.8	5.0
20.	3.2	3.1	3.1	3.0	3.3	3.2	3.5
21.	2.8	2.9	3.1	3.5	3.6	4.0	4.2
Total	4.7	4.6	4.3	3.9	4.1	4.5	4.4
<u>WHOLE MANUFACTURING SECTOR</u>							
	5.4	5.1	5.0	5.0	5.0	5.1	5.5

Source: Derived from Financial Statistics of Joint-Stock Companies in India, 1967, 1975, 1977, RBI, Bombay.

Notes: (1) Capital-Output Ratio or Capital-Gross Value added Ratio.

(2) Capital refers to value of physical assets at constant (1950-51) prices.

(3) Output denotes Gross Value Added and is derived by Summing-up profits, interest, rent, wages-salaries, etc. & depreciation.

Table VII.III.IV : Index of Production:(x_4)(1950-51 prices)

Ind. Sl. No.	Industry	1950- 1951	1951- 1952	1952 1953
<u>CONSUMER GOODS SECTOR</u>				
1.	Grins & Pulses	100.0	110.3	117.1
2.	Edible Vegetable & Hydrogenated Oils	100.0	115.3	88.8
3.	Sugar	100.0	124.6	113.8
4.	Tobacco	100.0	136.5	134.2
5.	Cotton Textiles	100.0	154.8	118.5
6.	Silk-Rayon & Woollen Textiles	100.0	233.1	173.6
7.	Medicines & Pharmaceutical Preparations	100.0	124.0	100.9
8.	Matches	100.0	107.6	107.2
9.	Pottery-China-Earthenware & Structural Clay Products.	100.0	122.9	113.9
10.	Paper & Paper Products.	100.0	151.4	110.1
	Total	100.0	145.9	116.5
<u>BASIC GOODS SECTOR</u>				
11.	Iron & Steel	100.0	132.2	129.0
12.	Aluminium	100.0	180.5	203.2
13.	Basic Industrial Chemicals	100.0	147.6	112.3
14.	Cement	100.0	140.2	133.3
	Total	100.0	136.7	130.2
<u>CAPITAL GOODS SECTOR</u>				
15.	Transport Equipment	100.0	216.9	149.1
16.	Electrical Machinery, Apparatus & Appliances	100.0	156.4	146.3
17.	Machinery (Other than Transport, etc.)	100.0	130.4	128.3
18.	Ferrous/Non-Ferrous Metal Products.	100.0	104.6	59.7
	Total	100.0	147.6	129.3
<u>INTERMEDIARY GOODS SECTOR</u>				
19.	Jute Textiles	100.0	172.8	127.4
20.	Other Chemical Products	100.0	223.1	145.8
21.	Rubber & Rubber Products.	100.0	197.7	151.7
	Total	100.0	175.5	129.6
<u>WHOLE MANUFACTURING SECTOR</u>		100.0	150.3	121.6

Table VII.III.IV (contd.)

Ind. Sl.No.	1953- 1954	1954- 1955	1955- 1956	1956- 1957	1957- 1958	1958- 1959
<u>CONSUMER GOODS SECTOR</u>						
1.	148.7	147.0	126.2	191.4	223.2	240.6
2.	124.8	92.5	87.6	147.1	172.2	178.8
3.	127.0	135.6	119.2	152.5	175.7	200.0
4.	106.1	100.4	297.2	327.9	339.9	361.2
5.	120.7	129.5	147.0	175.2	178.0	171.4
6.	180.9	217.2	302.9	339.2	372.0	547.2
7.	92.7	95.8	125.9	138.3	144.8	183.6
8.	101.2	92.0	48.3	49.3	62.6	75.2
9.	115.8	133.3	185.4	244.8	274.0	317.2
10.	119.0	125.0	182.0	199.2	244.5	319.2
Total	121.7	127.4	142.9	173.1	182.9	188.4
<u>BASIC GOODS SECTOR</u>						
11.	120.9	140.0	163.0	197.3	225.4	274.3
12.	151.6	235.1	354.7	486.7	618.3	757.4
13.	112.1	126.6	117.6	136.4	176.4	195.8
14.	122.3	147.7	178.0	196.7	253.4	292.3
Total	121.1	142.7	166.7	198.1	236.5	282.3
<u>CAPITAL GOODS SECTOR</u>						
15.	160.4	283.5	643.0	1023.7	1139.8	1106.5
16.	171.9	220.9	460.4	569.7	623.4	661.0
17.	129.1	146.4	209.7	257.9	301.0	328.8
18.	65.9	87.0	96.3	148.8	147.1	164.0
Total	135.3	175.8	309.4	426.5	481.3	497.9
<u>INTERMEDIARY GOODS SECTOR</u>						
19.	71.9	82.4	102.2	101.9	111.8	95.6
20.	195.2	256.4	738.4	809.8	954.6	1126.9
21.	136.5	146.5	144.9	153.3	176.1	194.1
Total	78.6	89.9	114.8	116.2	129.0	118.1
<u>WHOLE MANUFACTURING SECTOR</u>	114.8	126.2	153.4	185.1	202.5	210.9

Table VII.III.IV (contd.)

Ind. Sl.No.	1959- 1960	1960- 1961	1961- 1962	1962- 1963	1963- 1964	1964- 1965	1965- 1966	1966- 1967	1967- 1968
<u>CONSUMER GOODS SECTOR</u>									
1.	276.1	218.7	212.8	245.1	249.4	304.6	287.7	369.4	411.8
2.	223.4	374.9	459.5	484.5	463.8	615.6	680.3	1156.5	1287.3
3.	262.1	322.6	300.8	312.9	383.3	502.6	456.7	524.9	670.0
4.	384.3	439.0	484.2	570.3	712.6	875.4	1232.6	1438.3	1810.1
5.	183.3	290.1	313.9	334.3	381.8	430.8	402.0	468.1	550.0
6.	628.3	850.8	1121.8	1457.3	1893.7	2205.3	3662.2	4910.1	5208.8
7.	214.5	736.8	794.3	891.3	1040.4	1205.9	2274.1	2706.0	3279.0
8.	84.1	90.4	98.4	107.7	113.3	110.0	127.6	136.1	153.2
9.	353.9	403.2	518.2	591.2	613.8	599.2	961.8	1023.2	1047.4
10.	373.3	390.4	419.4	480.6	584.5	615.6	778.9	861.9	905.9
Total	211.9	309.3	333.2	360.3	414.4	482.3	505.1	611.9	714.9
<u>BASIC GOODS SECTOR</u>									
11.	357.2	375.5	404.6	467.2	473.5	551.4	594.0	614.9	666.3
12.	918.5	927.8	879.5	1058.4	1343.8	1386.3	2803.6	4264.6	5034.6
13.	251.3	668.8	832.5	1034.7	1270.4	1534.8	2259.3	3127.4	3822.5
14.	326.4	398.1	486.8	575.0	626.0	703.3	829.9	1253.3	1379.9
Total	353.4	421.1	475.0	559.4	604.2	698.6	856.5	1084.9	1230.9
<u>CAPITAL GOODS SECTOR</u>									
15.	1277.6	1900.5	2011.7	2336.4	2679.5	3460.3	4386.7	4909.1	5321.5
16.	784.2	1768.9	2097.1	2553.0	3251.1	4179.8	6533.5	7899.2	8933.2
17.	381.2	291.2	351.7	427.6	520.2	638.5	804.4	978.2	1073.2
18.	179.0	3332.1	3761.7	4620.7	5456.0	6686.6	9429.8	10638.7	11692.9
Total	577.4	957.2	1080.7	1297.1	1551.4	1955.5	2671.3	3107.0	3426.2
<u>INTERMEDIARY GOODS SECTOR</u>									
19.	96.0	171.7	208.2	214.3	198.1	224.1	287.2	345.3	304.9
20.	1384.9	1437.4	1519.8	1777.1	2125.7	2291.4	9714.3	10227.8	11995.0
21.	232.4	373.2	431.0	464.1	563.2	658.0	938.1	1430.3	1725.7
Total	125.2	205.5	244.3	256.1	254.1	287.4	474.2	572.2	583.7
<u>WHOLE MANUFACTURING SECTOR</u>									
	241.6	353.6	391.6	437.4	495.3	585.7	708.0	853.4	961.6

Table VII.III.IV (contd.)

Ind. Sl.No.	1968- 1969	1969- 1970	1970- 1971	1971- 1972	1972- 1973	1973- 1974	1974- 1975
<u>CONSUMER GOODS SECTOR</u>							
1.	581.1	726.1	912.3	1055.3	1093.3	1026.5	1929.6
2.	1096.6	1570.3	2085.4	1796.4	2088.8	3466.0	5201.6
3.	1207.9	983.0	930.7	1118.9	1547.4	2107.8	2488.3
4.	1986.7	2525.7	3116.7	4102.0	4620.8	5341.4	7467.9
5.	610.0	686.0	737.6	945.0	1071.2	1342.5	2040.7
6.	5561.9	6336.6	7547.1	8697.7	10572.7	14804.4	16668.9
7.	3710.0	4488.5	5899.0	7360.4	8292.7	9155.2	12306.2
8.	169.9	190.2	NA	NA	NA	NA	NA
9.	1108.6	1265.4	1484.1	1795.6	2250.3	2870.4	4093.3
10.	1058.1	1362.4	1627.0	1943.8	2200.4	2568.5	5577.9
Total	840.3	931.0	1036.8	1256.1	1469.0	1883.8	2726.7
<u>BASIC GOODS SECTOR</u>							
11.	764.1	845.6	974.4	1082.3	1252.8	1514.8	2492.4
12.	5357.8	6660.5	8393.2	8872.0	9168.7	8717.7	12306.2
13.	4735.5	6179.2	11463.5	13261.5	15373.9	17869.7	35926.9
14.	1354.5	1646.4	1986.2	2282.2	2413.7	2464.4	3635.9
Total	1381.3	1668.2	2367.0	2686.3	3032.5	3437.7	6122.5
<u>CAPITAL GOODS SECTOR</u>							
15.	5689.3	6218.0	7537.8	9303.4	10449.2	12865.5	21227.2
16.	9039.2	10633.5	16112.4	20366.3	23359.6	26828.5	42221.7
17.	1132.3	1349.9	2266.4	2701.4	3207.1	4000.1	6795.0
18.	12840.5	14594.2	16094.1	20460.9	25463.3	31930.2	50194.1
Total	3622.9	4149.3	5661.2	7017.6	8214.4	9983.3	16210.2
<u>INTERMEDIARY GOODS SECTOR</u>							
19.	361.4	466.5	538.4	766.2	869.6	790.5	1233.5
20.	13239.8	16375.4	22116.6	25980.8	28673.2	32441.1	55984.1
21.	2012.5	2354.7	2557.5	2940.3	3267.4	3360.9	5979.5
Total	675.2	842.5	1006.9	1299.5	1457.7	1447.8	2393.5
<u>WHOLE MANUFACTURING SECTOR</u>							
	1089.4	1251.8	1549.7	1881.2	2175.5	2614.4	4116.4

Source: Derived from Financial Statistics of Joint Stock Companies in India", RBI, 1965, 1975 and 1977.

Notes: 1. For Details please refer to Appendix VII-I and VII-II
2. NA = Not Available.

Table VII.III.V : Price Index Number (N.N.P. Deflator)
(Rate of Inflation) : (x_5)

Year	1950-51=100	Year	1950-51=100
1950-51	100.0	1963-64	118.6
1951-52	101.8	1964-65	129.9
1952-53	96.4	1965-66	141.2
1953-54	97.1	1966-67	161.7
1954-55	86.9	1967-68	175.9
1955-56	88.4	1968-69	174.3
1956-57	95.5	1969-70	181.0
1957-58	97.1	1970-71	186.3
1958-59	100.5	1971-72	194.3
1959-60	101.4	1972-73	214.8
1960-61	103.2	1973-74	253.0
1961-62	105.2	1974-75	297.3
1962-63	109.1		

Source: Estimates of National Income 1948-49 to 1962-63
and National Accounts Statistics 1960-61 to
1974-75 published by Central Statistical Organi-
zation in February 1964 and October 1976 respec-
tively.

Notes : 1. NNP refers to Net National Product
2. See the Text for methodology adapted in
deriving this deflator.

Table VII.III.VI : Annual Rate of Growth of Capital: (x_6)
(Per Cent per Annum)

Ind. Sl. No.	Industry	1951- 1952	1952- 1953	1953- 1954
<u>CONSUMERS GOODS SECTOR</u>				
1.	Grains & Pulses	1.1	-5.9	11.9
2.	Edible Vegetable and Hydrogenated Oils	-4.8	5.1	-1.7
3.	Sugar	11.8	11.4	-12.4
4.	Tobacco	6.1	4.2	-11.0
5.	Cotton Textiles	1.5	5.1	0.7
6.	Silk-Rayon & Woollen Textiles	15.7	12.4	9.3
7.	Medicine & Pharmaceutical Preparations	3.9	8.2	2.7
8.	Matches	12.1	9.5	3.5
9.	Pottery-China-Earthenware & Structural Clay Products	-0.7	11.3	2.5
10.	Paper & Paper Products	5.4	10.5	1.9
	Total	3.1	6.6	-0.7
<u>BASIC GOODS SECTOR</u>				
11.	Iron & Steel	1.8	7.8	4.3
12.	Aluminium	8.4	19.0	4.5
13.	Basic Industrial Chemicals	0.6	13.6	-0.2
14.	Cement	2.5	12.5	2.2
	Total	2.1	10.0	3.3
<u>CAPITAL GOODS SECTOR</u>				
15.	Transport Equipment	4.6	13.4	9.9
16.	Electrical Machinery, Apparatus & Appliances	6.0	36.6	-13.0
17.	Machinery (Other than Transport, etc.)	7.9	13.8	6.8
18.	Ferrous/Non-Ferrous Metal Products.	5.7	-9.1	1.5
	Total	6.9	15.5	4.5
<u>INTERMEDIARY GOODS SECTOR</u>				
19.	Jute Textiles	4.0	-3.2	0.8
20.	Other Chemical Products	30.7	5.1	-2.7
21.	Rubber & Rubber Products	18.0	18.9	-4.5
	Total	4.9	-2.0	0.4
<u>WHOLEMANUFACTURING SECTOR</u>				
		3.5	6.3	0.6

Table VII.II.VI : (contd.)

Ind. Sl.No.	1954- 1955	1955- 1956	1956- 1957	1957- 1958	1958- 1959	1959- 1960
<u>CONSUMER GOODS SECTOR</u>						
1.	0.0	18.4	9.6	14.3	-3.0	5.0
2.	-1.4	11.3	0.8	-0.6	7.7	3.4
3.	13.7	33.9	9.4	3.9	-1.5	5.1
4.	-5.1	202.8	0.5	4.2	6.7	-4.3
5.	1.9	7.9	6.7	4.7	0.3	0.5
6.	10.1	24.3	19.8	7.1	2.2	4.0
7.	3.7	13.2	3.0	7.2	9.5	7.3
8.	3.5	-1.1	1.4	9.0	4.6	1.0
9.	5.4	29.7	13.7	8.7	6.9	3.4
10.	7.2	21.7	7.2	17.6	10.0	4.8
Total	3.6	14.7	7.3	5.4	1.2	1.6
<u>BASIC GOODS SECTOR</u>						
11.	6.1	11.0	17.2	33.6	15.8	5.1
12.	8.2	17.5	5.5	24.6	11.5	7.0
13.	2.8	-5.9	5.9	11.1	24.6	13.1
14.	3.3	18.0	11.9	16.3	11.6	2.0
Total	5.2	11.4	14.3	27.0	15.2	5.0
<u>CAPITAL GOODS SECTOR</u>						
15.	13.5	155.6	39.3	4.8	2.5	4.5
16.	11.6	57.2	12.5	7.5	12.5	10.7
17.	7.8	1.9	10.1	17.0	9.2	8.5
18.	13.1	-1.0	7.1	1.2	10.2	6.3
Total	9.5	40.9	21.6	10.2	6.8	7.1
<u>INTERMEDIARY GOODS SECTOR</u>						
19.	-0.9	10.7	1.5	-40.8	71.0	-0.8
20.	9.9	171.1	16.7	11.6	2.3	7.7
21.	7.6	5.9	6.9	8.1	15.8	4.7
Total	-0.3	13.0	2.4	-35.7	60.3	0.0
<u>WHOLE MANUFACTURING SECTOR</u>						
	3.7	16.0	9.3	4.3	10.3	2.9

Table VII.III.VI (contd.)

Ind. Sl.No.	1960- 1961	1961- 1962	1962- 1963	1963- 1964	1964- 1965	1965- 1966	1966- 1967	1967- 1968	1968- 1969
<u>CONSUMER GOODS SECTOR</u>									
1.	-29.1	-1.6	6.5	2.0	-6.0	7.1	-5.3	7.9	4.3
2.	16.2	3.8	1.1	1.8	1.7	-17.0	6.0	-0.2	7.2
3.	20.1	11.1	-7.2	-10.8	6.9	-3.8	8.5	-9.1	8.1
4.	-3.1	10.3	10.3	-0.5	-6.1	-2.2	5.2	15.8	7.2
5.	14.5	5.1	6.3	4.8	4.9	-11.8	1.1	6.7	2.6
6.	21.8	25.1	16.3	9.4	6.6	48.1	5.9	9.1	4.0
7.	160.1	17.5	12.2	11.8	5.5	51.6	8.6	11.6	5.1
8.	-0.4	0.4	6.5	2.7	-3.4	3.6	-2.4	9.7	2.4
9.	26.5	7.2	7.6	6.1	-0.3	43.3	-5.6	3.4	2.4
10.	15.3	7.8	12.6	18.1	7.1	17.9	5.9	4.9	3.8
Total	16.2	7.3	5.3	3.9	4.9	-2.1	3.1	5.1	3.7
<u>BASIC GOODS SECTOR</u>									
11.	2.8	2.0	2.1	1.7	0.4	2.2	5.3	3.8	-0.1
12.	-7.6	34.6	9.7	9.1	7.9	91.5	19.7	81	7.6
13.	68.1	25.2	22.1	13.8	9.8	21.9	16.9	13.1	11.9
14.	4.8	5.4	6.0	8.2	4.3	3.8	3.6	12.1	7.2
Total	7.8	6.7	6.1	5.4	3.3	10.9	8.6	7.9	4.9
<u>CAPITAL GOODS SECTOR</u>									
15.	28.6	15.5	9.6	20.1	9.2	16.1	15.8	5.9	-0.3
16.	81.1	13.9	11.2	15.5	11.5	57.0	14.4	11.0	-0.9
17.	-32.9	14.7	20.4	8.3	8.6	29.5	9.7	11.5	0.1
18.	1278.3	8.7	16.8	5.3	5.1	31.7	10.3	7.0	0.8
Total	28.6	13.8	13.8	13.6	8.8	29.3	13.1	8.5	-0.1
<u>INTERMEDIARY GOODS SECTOR</u>									
19.	-1.9	2.7	9.1	5.1	0.8	-26.3	2.4	-0.1	1.9
20.	3.1	11.4	5.5	6.1	7.1	183.9	4.8	10.7	10.1
21.	29.9	19.2	10.9	2.6	3.7	35.3	7.2	5.5	10.2
Total	0.7	4.7	9.1	4.9	1.5	-5.4	3.6	2.7	4.9
<u>WHOLE MANUFACTURING SECTOR</u>									
	13.7	7.8	7.1	5.8	4.8	5.9	6.6	6.3	3.3

Table VII.III.VI (contd.)

Ind. Sl.No.	1969- 1970	1970- 1971	1971- 1972	1972- 1973	1973- 1974	1974- 1975
<u>CONSUMER GOODS SECTOR</u>						
1.	5.5	-8.6	0.9	-1.9	-2.4	8.2
2.	7.0	-18.1	4.5	2.7	-2.9	6.0
3.	16.5	15.3	-4.2	-11.5	6.6	-0.2
4.	4.1	6.4	26.0	2.8	-8.6	4.0
5.	0.7	-3.8	4.0	3.8	2.0	2.5
6.	6.9	-7.8	5.9	7.9	7.6	18.5
7.	3.5	18.0	9.8	7.3	-1.9	6.0
8.	0.6	NA	NA	NA	NA	NA
9.	2.2	-8.8	-7.6	5.7	4.2	3.9
10.	2.6	5.7	5.7	6.4	3.7	6.6
Total	3.6	-0.7	3.9	2.6	2.7	4.7
<u>BASIC GOODS SECTOR</u>						
11.	0.9	3.5	3.4	2.9	3.6	1.1
12.	10.5	2.3	5.5	7.0	-3.2	4.9
13.	8.5	61.2	8.4	6.1	4.2	8.0
14.	4.3	6.3	2.6	2.0	-0.3	1.2
Total	4.5	18.7	5.2	4.3	2.5	4.0
<u>CAPITAL GOODS SECTOR</u>						
15.	3.7	-3.5	7.2	4.3	2.1	7.3
16.	0.1	27.8	7.0	2.3	0.4	10.0
17.	1.1	31.8	10.1	2.4	-0.2	7.8
18.	0.4	-11.2	10.6	3.9	1.9	7.9
Total	1.7	10.8	8.4	3.2	1.0	8.2
<u>INTERMEDIARY GOODS SECTOR</u>						
19.	3.8	4.8	2.8	0.5	1.7	0.8
20.	0.8	22.4	8.0	12.4	0.0	15.8
21.	8.5	8.1	21.2	5.9	-3.7	13.5
Total	4.0	8.9	7.3	4.3	0.2	6.9
<u>WHOLE MANUFACTURING SECTOR</u>						
	3.4	7.5	5.6	3.4	2.0	5.5

Source : Table 5.1

Notes : 1. See the text of Chapter V for the details of method adopted for derivation of this ratio.

2. NA = Not Available.

Table VII.III.VII : Debt-Equity Ratio:(x₇) (Per cent)

Ind. Sl. No.	Industry	1950- 1951	1951- 1952	1952- 1953
<u>CONSUMERS GOODS SECTOR</u>				
1.	Grins & Pulses	5.8	5.6	6.7
2.	Edible Vegetable & Hydrogenated Oils	13.9	16.3	12.4
3.	Sugar	7.1	6.8	7.1
4.	Tobacco	5.9	3.2	3.1
5.	Cotton Textiles	1.4	1.6	3.2
6.	Silk-Rayon & Woollen Textiles	20.5	17.4	15.6
7.	Medicines & Pharmaceutical Preparations	4.3	4.2	4.7
8.	Matches	0.0	0.0	0.0
9.	Pottery-China-Earthenware & Structural Clay Products.	27.1	24.9	22.9
10.	Paper & Paper Products	2.2	9.9	11.0
	Total	3.6	4.1	5.1
<u>BASIC GOODS SECTOR</u>				
11.	Iron & Steel	4.8	4.4	3.9
12.	Aluminium	6.8	13.0	16.2
13.	Basic Industrial Chemicals	7.2	4.9	6.2
14.	Cement	9.7	10.1	10.0
	Total	6.7	6.3	6.5
<u>CAPITAL GOODS SECTOR</u>				
15.	Transport Equipment	0.5	0.6	1.2
16.	Electrical Machinery, Apparatus & Appliances	5.6	6.4	7.0
17.	Machinery (Other than Transport, etc.)	18.9	19.3	19.1
18.	Ferrous/Non-Ferrous Metal Products.	57.5	61.1	68.4
	Total	13.2	14.0	14.1
<u>INTERMEDIARY GOODS SECTOR</u>				
19.	Jute Textiles	4.2	3.9	4.2
20.	Other Chemical Products	6.6	12.4	14.8
21.	Rubber & Rubber Products	38.6	34.8	34.6
	Total	6.8	6.5	7.1
<u>WHOLE MANUFACTURING SECTOR</u>		5.6	5.9	6.6

Table VII.III.VII (contd.)

Ind. Sl.No.	1953- 1954	1954- 1955	1955- 1956	1956- 1957	1957- 1958	1958- 1959
<u>CONSUMER GOODS SECTOR</u>						
1.	6.2	5.5	5.9	5.0	6.4	5.2
2.	12.0	20.5	11.7	13.3	14.2	15.6
3.	7.0	7.9	12.3	15.4	15.9	14.3
4.	3.2	2.9	0.6	0.6	0.5	0.5
5.	3.8	3.6	4.1	4.2	6.1	6.3
6.	14.0	12.3	32.7	28.4	25.8	24.9
7.	5.2	8.4	11.7	12.0	12.6	11.2
8.	0.0	0.0	0.0	0.0	0.0	0.0
9.	21.1	18.9	11.8	10.9	15.2	13.6
10.	17.1	16.7	19.6	18.5	17.4	16.9
Total	5.9	6.0	7.8	7.5	9.1	9.0
<u>BASIC GOODS SECTOR</u>						
11.	3.5	3.1	15.5	29.7	64.1	77.0
12.	19.2	17.1	10.0	6.7	4.7	3.0
13.	16.3	15.3	19.0	17.8	18.8	30.5
14.	10.1	8.8	4.9	9.0	9.2	7.8
Total	7.8	6.8	12.1	21.3	41.4	47.5
<u>CAPITAL GOODS SECTOR</u>						
15.	6.4	6.0	22.2	18.6	18.7	18.2
16.	6.9	25.0	17.7	14.7	13.4	11.8
17.	19.2	17.2	9.6	8.3	9.0	13.6
18.	72.2	64.6	46.8	43.6	40.9	12.8
Total	16.1	17.1	16.1	13.5	13.5	15.1
<u>INTERMEDIARY GOODS SECTOR</u>						
19.	5.3	5.6	7.9	11.5	12.2	12.3
20.	15.3	14.2	9.6	8.3	7.2	2.5
21.	32.4	30.3	23.7	24.4	14.2	25.3
Total	8.0	8.2	9.7	12.7	12.0	13.1
<u>WHOLE MANUFACTURING SECTOR</u>	7.6	7.7	9.9	11.8	18.2	20.5

Table VII.III.VII (contd.)

Ind. Sl.No.	1959- 1960	1960- 1961	1961- 1962	1962- 1963	1963- 1964	1964- 1965	1965- 1966	1966- 1967	1967- 1968
<u>CONSUMER GOODS SECTOR</u>									
1.	4.5	6.2	6.3	6.5	5.9	5.1	5.5	4.5	9.3
2.	22.3	13.7	12.0	12.2	11.7	13.2	24.9	21.4	23.8
3.	11.6	11.7	11.9	12.6	11.3	12.4	16.8	17.2	21.6
4.	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	5.5
5.	7.4	8.8	9.1	9.4	11.9	12.5	27.3	35.9	41.2
6.	21.4	7.5	6.5	11.4	11.9	20.6	29.2	31.3	29.8
7.	9.5	5.6	4.0	4.3	3.5	3.5	9.1	8.5	9.5
8.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	13.6	8.0	10.9	12.7	11.9	11.1	27.6	27.8	32.6
10.	17.0	17.9	15.8	18.2	35.3	35.3	45.8	57.1	56.3
Total	9.2	9.7	8.9	9.8	12.7	13.9	24.9	29.8	33.1
<u>BASIC GOODS SECTORS</u>									
11.	71.2	64.0	54.3	44.3	36.3	30.9	32.3	37.7	30.3
12.	30.2	30.8	29.6	33.3	37.5	32.0	52.6	71.1	61.5
13.	26.7	12.7	17.7	28.6	29.5	27.3	32.6	50.6	59.5
14.	8.5	7.5	6.5	6.0	6.6	6.8	27.7	35.2	38.6
Total	47.9	38.8	34.0	31.4	28.3	24.9	33.8	44.8	43.9
<u>CAPITAL GOODS SECTORS</u>									
15.	11.9	11.2	10.7	13.3	24.7	29.9	28.8	44.3	46.2
16.	9.9	9.4	9.8	8.5	8.5	8.1	20.3	23.2	23.1
17.	12.6	12.9	16.1	14.2	13.3	13.9	20.3	28.1	34.5
18.	9.9	8.4	8.7	7.4	6.9	11.3	19.2	21.2	21.1
Total	11.9	10.5	10.8	11.2	14.7	17.5	22.7	30.6	32.7
<u>INTERMEDIARY GOODS SECTOR</u>									
19.	14.0	11.6	12.5	11.6	10.3	14.3	18.2	21.6	22.4
20.	1.7	1.1	0.5	0.6	0.5	6.1	9.5	10.4	21.0
21.	22.8	18.1	24.4	24.7	22.3	16.9	26.5	25.7	30.0
Total	13.7	11.7	14.1	13.4	11.9	14.0	17.9	19.2	24.3
<u>WHOLE MANUFACTURING SECTOR</u>									
	20.5	17.5	16.1	16.0	17.1	17.5	26.0	33.0	35.1

Table VII.III.VII (contd.)

Ind. Sl.No.	1968- 1969	1969- 1970	1970- 1971	1971- 1972	1972- 1973	1973- 1974	1974- 1975
<u>CONSUMER GOODS SECTOR</u>							
1.	7.4	6.8	8.3	12.7	20.5	19.8	22.9
2.	18.9	24.2	29.8	33.8	35.5	29.2	27.0
3.	21.0	18.9	32.4	28.7	27.8	30.4	34.3
4.	5.8	4.9	5.9	9.2	18.8	21.9	16.7
5.	42.9	41.8	50.4	56.0	57.1	49.7	50.5
6.	26.2	25.1	27.4	30.4	31.5	35.5	20.1
7.	9.9	7.4	13.6	16.3	17.9	18.6	18.1
8.	0.0	0.0	NA	NA	NA	NA	NA
9.	35.8	33.1	21.3	23.3	22.2	20.4	24.6
10.	57.8	47.9	48.5	43.5	42.5	45.7	37.9
Total	32.9	30.4	33.9	38.5	39.8	41.2	35.3
<u>BASIC GOODS SECTORS</u>							
11.	23.5	16.5	15.3	11.3	18.3	31.5	38.2
12.	57.9	56.2	48.3	42.7	41.8	44.2	37.4
13.	64.8	65.9	86.7	77.1	65.3	51.6	38.7
14.	52.2	48.9	55.7	53.0	51.9	52.8	58.0
Total	45.6	43.5	55.7	51.5	48.6	46.1	40.8
<u>CAPITAL GOODS SECTOR</u>							
15.	43.4	44.4	51.0	54.5	54.8	56.5	56.3
16.	25.1	20.9	32.7	32.5	31.0	30.0	30.4
17.	34.3	31.9	38.7	38.8	38.4	37.4	36.4
18.	24.5	23.2	29.9	28.5	29.3	28.3	28.4
Total	40.0	31.3	38.8	39.4	38.0	38.5	38.2
<u>INTERMEDIARY GOODS SECTOR</u>							
19.	22.3	29.7	33.5	25.4	22.1	25.4	19.9
20.	20.1	22.2	22.7	20.3	16.0	15.4	19.0
21.	26.5	29.9	35.3	38.4	37.4	34.0	28.0
Total	23.0	27.3	29.8	27.6	23.9	23.4	21.7
<u>WHOLE MANUFACTURING SECTOR</u>							
	37.4	33.9	41.1	41.7	40.7	40.4	36.4

Source: "Financial Statistics of Joint Stock Companies in India",
RBI, 1967, 1975 and 1977.

Notes: 1. Debt is defined as long term loans.
2. Equity refers to Net worth.
3. NA = Not Available.