

**Appendix Table 1**

**Sectoral Classification of the Transactions Matrix for 1996-97**

Sl. No.	Sector
S1	Paddy
S2	Wheat
S3	Other Cereals
S4	Pulses
S5	Sugarcane
S6	Jute
S7	Cotton
S8	Tea and Coffee
S9	Rubber
S10	Other Crops
S11	Animal Husbandry
S12	Forestry and Logging
S13	Fishing
S14	Coal & Lignite
S15	Crude Petroleum & Natural Gas
S16	Iron Ore
S17	Other Metallic Minerals
S18	Non Metallic Minor Minerals
S19	Sugar
S20	Khandsari
S21	Edible Oils
S22	Other Food & Beverage Industries
S23	Cotton Textiles
S24	Woolen Textiles
S25	Silk Textiles
S26	Artificial Silk and Synthetic Fibers
S27	Jute Hemp Mesta Textiles
S28	Readymade Garments
S29	Other Textiles
S30	Wood and Wood Products
S31	Paper and Paper Products
S32	Leather and Leather Products
S33	Rubber Products
S34	Plastic Products
S35	Petroleum Products

<i>Appendix Table 1 (Contd...)</i>	
<b>Sectoral Classification of the Transactions Matrix for 1996-97</b>	
Sl. No.	Sector
S36	Fertilizers
S37	Pesticides
S38	Synthetic Fiber and Resin
S39	Paints, Drugs, Cosmetics
S40	Other Chemicals
S41	Cement
S42	Other Non Metallic Mineral Prods
S43	Iron and Steel
S44	Non Ferrous Metals
S45	Tractors and other Agricultural Machinery
S46	Other Non Electrical Machinery
S47	Electrical Machinery
S48	Communication & Electronic Equipment
S49	Rail Equipment
S50	Motor Vehicles
S51	Motorcycle, Scooter & Bicycles
S52	Other Transport Equipment
S53	Other Manufacturing
<b>S54</b>	<b>Construction</b>
S55	Electricity
S56	Gas
S57	Water Supply
S58	Rail Transport Service
S59	Other Transport Service
S60	Communication
S61	Trade
S62	Financial Services
S63	Social Services
S64	Public Administration
S65	Other Services

**Appendix Table 2**

**Scheme of Aggregation for Broad Sectoral Classification**

Sr. No.	Broad Sectoral Category	Specific Sectors Covered
1	Agriculture and Related Products	S1 TO S11
2	Forestry & Logging	S12
3	Fishing	S13
4	Mining	S14 TO S18
5	Construction related Manufacturing	S30, S34, S39, S41, S42, S43
6	Other Manufacturing	S19 TO S29, S31 TO S33, S35 TO S38, S40, S44 TO S53
<b>7</b>	<b>Construction</b>	<b>S54</b>
8	Electricity, Gas and Water Supply	S55, S56, S57
9	Transport	S58, S59
10	Trade	S61
11	Financial Services	S62
12	Social Services	S63
13	Public Administration and Defence	S64
14	Other Services	S65, S60

**Appendix Table 3**  
**Aggregated Transactions Matrix, 1996-97**  
(Rs. Million)

Sl. No.	Sector	1	2	3	4	5	6	7
1	Agriculture	581020	100	67	1	2500	690794	30402
2	Forestry & Logging	13	541	0	0	28901	15460	11594
3	Fishing	0	0	3332	4	55	20232	0
4	Mining	176	0	0	987	56757	237874	18201
5	Construction related Manufacturing	2341	161	899	4361	498781	513625	495239
6	Other Manufacturing	399300	3302	13054	37131	383687	2042811	115689
7	<b>Construction</b>	<b>44987</b>	<b>1910</b>	<b>0</b>	<b>904</b>	<b>5569</b>	<b>3967</b>	<b>5291</b>
8	Electricity, Gas and Water Supply	21834	121	58	10913	106256	251270	5918
9	Transport	25014	1291	571	3077	88259	209583	53338
10	Trade	119024	683	2093	5841	159519	580826	105246
11	Financial Services	29165	127	371	4816	69357	230919	37730
12	Social Services	0	169	0	0	0	0	61
13	Public Administration and Defence	0	0	0	0	0	0	0
14	Other Services	4182	2284	776	4847	30033	194261	14612
	<b>Total</b>	<b>1227060</b>	<b>10689</b>	<b>21220</b>	<b>72882</b>	<b>1429675</b>	<b>4991623</b>	<b>893321</b>

(Figures indicate value of total transactions including imports at factor cost at 1996-97 prices)

**Appendix Table 3 (Contd..)**  
**Aggregated Transactions Matrix, 1996-97**

Sl. No.	Sector	(Rs. Million)												TOTAL
		8	9	10	11	12	13	14						
1	Agriculture	644	20328	0	0	8625	0	86064	1420555					
2	Forestry & Logging	0	10	0	0	0	0	779	57296					
3	Fishing	0	0	0	0	0	0	0	23619					
4	Mining	81708	1164	0	0	0	0	1668	398539					
5	Construction related Mfg.	363	14656	17398	256	96330	0	4038	1648448					
6	Other Manufacturing	39007	382427	60733	13174	15580	0	86083	3591983					
7	<b>Construction</b>	<b>26721</b>	<b>21687</b>	<b>17155</b>	<b>4935</b>	<b>2983</b>	<b>0</b>	<b>88495</b>	<b>224604</b>					
8	Electricity, Gas and Water Supply	237190	22928	30429	12145	2490	0	20566	722119					
9	Transport	46632	51596	234575	20196	8097	0	12999	755229					
10	Trade	49063	57751	9503	1867	18462	0	26824	1136703					
11	Financial Services	33808	62887	65159	63860	33	0	47487	645721					
12	Social Services	1	2302	0	0	1261	0	1008	4800					
13	Public Administration and Defence	0	0	0	0	0	0	0	0					
14	Other Services	10131	51780	127668	32270	3966	0	26769	503579					
	<b>Total</b>	<b>525273</b>	<b>689514</b>	<b>562620</b>	<b>148705</b>	<b>157829</b>	<b>0</b>	<b>402780</b>	<b>11133197</b>					

(Figures indicate value of total transactions including imports at factor cost at 1996-97 prices)

Appendix Table 3 (Concluded) Aggregated Transactions Matrix, 1996-97										
Sl. No.	Sector	Private Consu.	Public Consu.	G.F. Inv	Change in stock	Exports	Imports	T.F. Use	(Rs. Million)	
									Gross Output	
1	Agriculture	2492346	3267	17219	29872	93531	105567	2530668	3951223	
2	Forestry & Logging	59852	299	0	547	8894	1828	67764	125060	
3	Fishing	104506	6	0	6	30473	877	134114	157733	
4	Mining	2696	183	0	3384	237460	349419	-105697	292842	
5	Construction related Mfg.	209419	4276	46440	22674	171599	251257	203151	1851600	
6	Other Manufacturing	2019842	139370	1435016	118606	572201	826612	3458423	7050406	
7	<b>Construction</b>	<b>0</b>	<b>91230</b>	<b>1312874</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1404104</b>	<b>1628708</b>	
8	Elect, Gas & Water Supply	109720	34157	0	0	316	0	144193	866312	
9	Transport	535044	33712	30221	0	109835	47126	661686	1416915	
10	Trade	754120	14381	165464	0	112107	0	1046072	2182775	
11	Financial Services	131931	20615	0	0	12866	6926	158486	804207	
12	Social Services	279056	329674	0	0	0	0	608730	613530	
13	Public Admn. and Defence	0	602635	0	0	0	0	602635	602635	
14	Other Services	1005627	57551	0	0	132220	42567	1152830	1656409	
	<b>Total</b>	<b>7704158</b>	<b>1331356</b>	<b>3007234</b>	<b>175089</b>	<b>1481502</b>	<b>1632179</b>	<b>12067157</b>	<b>23200354</b>	

(Figures indicate value of total transactions including imports at factor cost at 1996-97 prices)

**Appendix Table 4**  
**Aggregated Domestic Transactions Matrix, 1996-97**  
(Rs. Million)

Sl. No.	Sector	1	2	3	4	5	6	7
1	Agriculture	565497	97	65	1	2433	672338	29590
2	Forestry & Logging	13	533	0	0	28479	15234	11425
3	Fishing	0	0	3313	4	55	20120	0
4	Mining	22	0	0	122	6995	29318	2243
5	Construction related Mfg.	2023	139	777	3769	431098	443927	428036
6	Other Manufacturing	352485	2915	11524	32778	338702	1803305	102125
7	<b>Construction</b>	<b>44987</b>	<b>1910</b>	<b>0</b>	<b>904</b>	<b>5569</b>	<b>3967</b>	<b>5291</b>
8	Electricity, Gas & Water Supply	21834	121	58	10913	106256	251270	5918
9	Transport	24182	1248	552	2975	85324	202612	51564
10	Trade	119024	683	2093	5841	159519	580826	105246
11	Financial Services	28914	126	368	4775	68760	228930	37405
12	Social Services	0	169	0	0	0	0	61
13	Public Admn. and Defence	0	0	0	0	0	0	0
14	Other Services	4075	2225	756	4722	29261	189269	14236

(Figures indicate value of domestic transactions at factor cost at 1996-97 prices)

**Appendix Table 4 (Contd..)  
Aggregated Domestic Transactions Matrix, 1996-97**

Sl. No.	Sector	(Rs. Million)											
		8	9	10	11	12	13	14					
1	Agriculture	627	19785	0	0	8395	0	83765					
2	Forestry & Logging	0	10	0	0	0	0	768					
3	Fishing	0	0	0	0	0	0	0					
4	Mining	10071	143	0	0	0	0	206					
5	Construction related Manufacturing	314	12667	15037	221	83258	0	3490					
6	Other Manufacturing	34434	337590	53612	11629	13753	0	75990					
7	<b>Construction</b>	<b>26721</b>	<b>21687</b>	<b>17155</b>	<b>4935</b>	<b>2983</b>	<b>0</b>	<b>88495</b>					
8	Electricity, Gas and Water Supply	237190	22928	30429	12145	2490	0	20566					
9	Transport	45081	49880	226773	19524	7828	0	12567					
10	Trade	49063	57751	9503	1867	18462	0	26824					
11	Financial Services	33517	62345	64598	63310	33	0	47078					
12	Social Services	1	2302	0	0	1261	0	1008					
13	Public Administration and Defence	0	0	0	0	0	0	0					
14	Other Services	9871	50449	124387	31441	3864	0	26081					

(Figures indicate value of domestic transactions at factor cost at 1996-97 prices)



Appendix Table 5													
Domestic Technology Matrix, 1996-97													
(Domestic Input-Output Coefficients)													
Sl. No.	Sector	1	2	3	4	5	6	7					
1	Agriculture	0.1431	0.0008	0.0004	0.0000	0.0013	0.0954	0.0182					
2	Forestry & Logging	0.0000	0.0043	0.0000	0.0000	0.0154	0.0022	0.0070					
3	Fishing	0.0000	0.0000	0.0210	0.0000	0.0000	0.0029	0.0000					
4	Mining	0.0000	0.0000	0.0000	0.0004	0.0038	0.0042	0.0014					
5	Construction related Manufacturing	0.0005	0.0011	0.0049	0.0129	0.2328	0.0630	0.2628					
6	<b>Other Manufacturing</b>	<b>0.0892</b>	<b>0.0233</b>	<b>0.0731</b>	<b>0.1119</b>	<b>0.1829</b>	<b>0.2558</b>	<b>0.0627</b>					
7	Construction	0.0114	0.0153	0.0000	0.0031	0.0030	0.0006	0.0032					
8	Electricity, Gas and Water Supply	0.0055	0.0010	0.0004	0.0373	0.0574	0.0356	0.0036					
9	Transport	0.0061	0.0100	0.0035	0.0102	0.0461	0.0287	0.0317					
10	Trade	0.0301	0.0055	0.0133	0.0199	0.0862	0.0824	0.0646					
11	Financial Services	0.0073	0.0010	0.0023	0.0163	0.0371	0.0325	0.0230					
12	Social Services	0.0000	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000					
13	Public Administration and Defence	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
14	Other Services	0.0010	0.0178	0.0048	0.0161	0.0158	0.0268	0.0087					

Appendix Table 5 (Contd..) Domestic Technology Matrix, 1996-97 (Domestic Input-Output Coefficients)													
Sl. No.	Sector	8	9	10	11	12	13	14					
1	Agriculture	0.0007	0.0140	0.0000	0.0000	0.0137	0.0000	0.0506					
2	Forestry & Logging	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005					
3	Fishing	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
4	Mining *	0.0116	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001					
5	Construction related Manufacturing	0.0004	0.0089	0.0069	0.0003	0.1357	0.0000	0.0021					
6	Other Manufacturing	0.0397	0.2383	0.0246	0.0145	0.0224	0.0000	0.0459					
7	<b>Construction</b>	<b>0.0308</b>	<b>0.0153</b>	<b>0.0079</b>	<b>0.0061</b>	<b>0.0049</b>	<b>0.0000</b>	<b>0.0534</b>					
8	Electricity, Gas and Water Supply	0.2738	0.0162	0.0139	0.0151	0.0041	0.0000	0.0124					
9	Transport	0.0520	0.0352	0.1039	0.0243	0.0128	0.0000	0.0076					
10	Trade	0.0566	0.0408	0.0044	0.0023	0.0301	0.0000	0.0162					
11	Financial Services	0.0387	0.0440	0.0296	0.0787	0.0001	0.0000	0.0284					
12	Social Services	0.0000	0.0016	0.0000	0.0000	0.0021	0.0000	0.0006					
13	Public Administration and Defence	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
14	Other Services	0.0114	0.0356	0.0570	0.0391	0.0063	0.0000	0.0157					

**Appendix Table 6  
Inverted Residual Domestic Technology Matrix, 1996-97**

Sl. No.	Sector	1	2	3	4	5	6	7
1	Agriculture *	1.1861	0.0077	0.0139	0.0223	0.0507	0.1647	0.0494
2	Forestry & Logging	0.0008	1.0047	0.0005	0.0010	0.0218	0.0052	0.0133
3	Fishing	0.0005	0.0001	1.0218	0.0005	0.0012	0.0042	0.0006
4	Mining	0.0010	0.0003	0.0006	1.0021	0.0083	0.0076	0.0043
5	Construction related Manufacturing	0.0201	0.0116	0.0167	0.0352	1.3440	0.1245	0.3664
6	Other Manufacturing	0.1594	0.0437	0.1123	0.1788	0.3907	1.4344	0.2165
7	<b>Construction</b>	<b>0.0158</b>	<b>0.0173</b>	<b>0.0016</b>	<b>0.0081</b>	<b>0.0156</b>	<b>0.0117</b>	<b>1.0111</b>
8	Electricity, Gas and Water Supply	0.0206	0.0057	0.0087	0.0658	0.1345	0.0887	0.0511
9	Transport	0.0213	0.0149	0.0116	0.0274	0.1045	0.0728	0.0755
10	Trade	0.0541	0.0129	0.0261	0.0445	0.1645	0.1446	0.1236
11	Financial Services	0.0202	0.0056	0.0094	0.0322	0.0864	0.0709	0.0589
12	Social Services	0.0000	0.0014	0.0000	0.0001	0.0002	0.0002	0.0002
13	Public Administration and Defence	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	Other Services	0.0110	0.0213	0.0108	0.0275	0.0512	0.0564	0.0339

**Appendix Table 6 (Contd..)**  
**Inverted Residual Domestic Technology Matrix, 1996-97**

Sl. No.	Sector	8	9	10	11	12	13	14
1	Agriculture	0.0200	0.0633	0.0161	0.0081	0.0290	0.0000	0.0727
2	Forestry & Logging	0.0011	0.0018	0.0007	0.0003	0.0032	0.0000	0.0016
3	Fishing	0.0004	0.0011	0.0003	0.0001	0.0003	0.0000	0.0003
4	Mining	0.0169	0.0025	0.0009	0.0005	0.0015	0.0000	0.0010
5	Construction related Manufacturing	0.0302	0.0526	0.0232	0.0081	0.1893	0.0000	0.0311
6	Other Manufacturing	0.1281	0.3750	0.0874	0.0404	0.0972	0.0000	0.0949
7	<b>Construction</b>	<b>0.0480</b>	<b>0.0234</b>	<b>0.0151</b>	<b>0.0108</b>	<b>0.0089</b>	<b>0.0000</b>	<b>0.0576</b>
8	Electricity, Gas and Water Supply	1.3931	0.0513	0.0307	0.0272	0.0283	0.0000	0.0275
9	Transport	0.0953	1.0658	0.1179	0.0325	0.0343	0.0000	0.0211
10	Trade	0.1011	0.0869	1.0230	0.0112	0.0596	0.0000	0.0357
11	Financial Services	0.0747	0.0741	0.0464	1.0920	0.0169	0.0000	0.0415
12	Social Services	0.0002	0.0017	0.0002	0.0001	1.0022	0.0000	0.0007
13	Public Administration and Defence	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000
14	Other Services	0.0331	0.0585	0.0686	0.0469	0.0180	0.0000	1.0245

<b>Appendix Table 7</b>			
<b>Value Added And Consumption Proportions, 1996-97</b>			
<b>Sr. No.</b>	<b>Sectors</b>	<b>Value Added Proportion</b>	<b>Proportion of Income Spent on the Final Consumption of Sectoral Output</b>
<b>1</b>	Agriculture and Related Products	0.70565	0.18962
<b>2</b>	Forestry & Logging	0.91871	0.00455
<b>3</b>	Fishing	0.87633	0.00795
<b>4</b>	Mining	0.77188	0.00021
<b>5</b>	Construction related Manufacturing	0.31818	0.01593
<b>6</b>	Other Manufacturing	0.37009	0.15367
<b>7</b>	Construction	0.51302	0.00000
<b>8</b>	Electricity, Gas and Water Supply	0.48415	0.00835
<b>9</b>	Transport	0.55005	0.04071
<b>10</b>	Trade	0.75192	0.05737
<b>11</b>	Financial Services	0.81961	0.01004
<b>12</b>	Social Services	0.76802	0.02123
<b>13</b>	Public Administration and Defence	1.00000	0.00000
<b>14</b>	Other Services	0.76646	0.07651

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**Appendix Table 8**

**Elements of the Extended Inverse Matrix Indicating the Direct, Indirect and Induced Output Effects of Changes in Sectoral Final Demand**

Sl. No.	Sector	1	2	3	4	5	6	7
1	Agriculture and Related Products	1.8170	0.6386	0.6448	0.6531	0.6816	0.7955	0.6803
2	Forestry & Logging	0.0157	1.0196	0.0154	0.0159	0.0367	0.0201	0.0282
3	Fishery	0.0221	0.0218	1.0434	0.0222	0.0228	0.0258	0.0223
4	Mining	0.0061	0.0054	0.0057	1.0071	0.0134	0.0126	0.0094
5	Construction related Manufacturing	0.1524	0.1438	0.1490	0.1674	1.4763	0.2566	0.4987
6	Other Manufacturing	0.8580	0.7422	0.8107	0.8773	1.0892	2.1328	0.9150
7	Construction	0.0450	0.0464	0.0307	0.0372	0.0447	0.0408	1.0403
8	Electricity, Gas and Water Supply	0.1132	0.0981	0.1011	0.1583	0.2270	0.1812	0.1436
9	Transport	0.1921	0.1856	0.1824	0.1981	0.2753	0.2436	0.2462
10	Trade	0.3019	0.2606	0.2738	0.2923	0.4122	0.3923	0.3714
11	Financial Services	0.1097	0.0951	0.0989	0.1216	0.1759	0.1604	0.1483
12	Social Services	0.0519	0.0532	0.0519	0.0519	0.0521	0.0520	0.0520
13	Public Administration and Defence	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	Other Services	0.2469	0.2571	0.2466	0.2634	0.2871	0.2923	0.2698
15	Household	2.4163	2.4163	2.4163	2.4163	2.4163	2.4163	2.4163



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**Appendix Table 8 (Contd..)**  
**Elements of the Extended Inverse Matrix Indicating the Direct, Indirect**  
**and Induced Output Effects of Changes in Sectoral Final Demand**

Sl. No.	Sector	8	9	10	11	12	13	14	15
1	Agriculture and Related Products	0.6509	0.6941	0.6470	0.6389	0.6598	0.6309	0.7035	0.6309
2	Forestry & Logging	0.0160	0.0168	0.0156	0.0152	0.0181	0.0149	0.0165	0.0149
3	Fishery	0.0220	0.0228	0.0219	0.0218	0.0220	0.0217	0.0219	0.0217
4	Mining	0.0220	0.0076	0.0059	0.0056	0.0065	0.0051	0.0061	0.0051
5	Construction related Manufacturing	0.1624	0.1849	0.1555	0.1403	0.3216	0.1323	0.1634	0.1323
6	Other Manufacturing	0.8267	1.0734	0.7858	0.7388	0.7956	0.6985	0.7933	0.6985
7	Construction	0.0772	0.0525	0.0442	0.0399	0.0380	0.0291	0.0868	0.0291
8	Electricity, Gas and Water Supply	1.4856	0.1437	0.1232	0.1197	0.1207	0.0925	0.1200	0.0925
9	Transport	0.2661	1.2366	0.2886	0.2033	0.2050	0.1708	0.1919	0.1708
10	Trade	0.3489	0.3346	1.2707	0.2590	0.3073	0.2478	0.2835	0.2478
11	Financial Services	0.1642	0.1636	0.1359	1.1815	0.1063	0.0895	0.1310	0.0895
12	Social Services	0.0520	0.0536	0.0521	0.0519	1.0540	0.0518	0.0525	0.0518
13	Public Administration and Defense	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000
14	Other Services	0.2690	0.2944	0.3045	0.2827	0.2538	0.2359	1.2604	0.2359
15	Household	2.4163	2.4163	2.4163	2.4163	2.4163	2.4163	2.4163	2.4163