

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

		(Rs. Lakhs)																	
Sec. Code	Industry / Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Paddy	915515	6899					8968										33554	
2	Wheat	3565	532650					1267										67620	6026
3	Jowar			6471														678	
4	Bajra				3093													158	2934
5	Maize		5392			7488		173										872	859
6	Gram	472	46152				32549	37825										22153	22292
7	Pulses	2311						66125										26418	36418
8	Sugarcane								106538										34803
9	Groundnut	133								46284								238	
10	Jute																		
11	Cotton	366						1477				4556						1906	
12	Tea																		
13	Coffee																		
14	Rubber																		
15	Coconut															4313			
16	Tobacco																35		
17	Other crops	839						567										82304	888635
18	Milk and milk products		15															25	13242
19	Animal services(agricultural)	190525	129941	83361	48168	48121	35890	117884	31314	101861	9419	36831					2523	557946	
20	Other livestock products	26928	7921	11093	7818	10175	241	8883	6042	7590	2548	19987	11555	20996		17293	628	35223	
21	Forestry and logging																		3331
22	Fishing																		
23	Coal and lignite		10					10										5	
24	Crude petroleum, natural gas																		
25	Iron ore																		
26	Manganese ore																		
27	Bauxite																		
28	Copper ore																		
29	Other metallic minerals																		
30	Lime stone																		
31	Mica																		

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
32	Other non metallic minerals																		
33	Sugar		24																23
34	Khandsari, boora																		
35	Hydrogenated oil(vanaspati)																		
36	Edible oils other than vanaspati	101	12					823										148	100192
37	Tea and coffee processing																		
38	Miscellaneous food products	918																151	5591
39	Beverages																	69	
40	Tobacco products																		
41	Khadi, cotton textiles(handlooms)																		
42	Cotton textiles							61											9
43	Woolen textiles																		
44	Silk textiles																		
45	Art silk, synthetic fiber textiles											601							
46	Jute, hemp, mesta textiles	22171	12435					2283										7612	
47	Carpet weaving																		
48	Readymade garments	51	45	2	1	3	3	2	8	3		12					0	29	
49	Miscellaneous textile products											1							
50	Furniture and fixtures-wooden	154	135	6	4	8	10	7	24	9		20					1	87	
51	Wood and wood products											5							
52	Paper, paper prods. & newsprint	350	308	13	9	19	24	15	54	22		51					2	198	
53	Printing and publishing	1020	897	38	26	56	68	43	159	64		128					6	576	
54	Leather footwear																		
55	Leather and leather products											1							
56	Rubber products	67	59	3	2	4	4	3	10	4		9					0	78	
57	Plastic products																		
58	Petroleum products	68227	77485	9029	8862	4198	4067	9662	4441	5298		9010					507	44356	
59	Coal tar products																		
60	Inorganic heavy chemicals	209	4					89				9							79
61	Organic heavy chemicals	188	4					68				14							69
62	Fertilizers	673573	563481	57173	36823	71228	25059	119063	133229	69159	5269	95029	10688		5647	56390	10416	532085	

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
63	Pesticides	80925	23017	964	378	141	5242	23093	5011	19024	1403	51756	1432	9200	5841	13443	238	131224	
64	Paints, varnishes and lacquers											2							
65	Drugs and medicines																		2533
66	Soaps, cosmetics & glycerin							23										4	
67	Synthetic fibers, resin																		
68	Other chemicals							184										29	
69	Structural clay products																		
70	Cement																		
71	Other non-metallic mineral prods.											7							
72	Iron, steel and ferro alloys																		
73	Iron and steel casting & forging											40							
74	Iron and steel foundries											18							
75	Non-ferrous basic metals											5							
76	Hand tools, hardware	2	2	0	0	0	0	0	0	0		6					0	1	
77	Miscellaneous metal products	127	112	5	3	7	8	5	20	8		17					1	72	858
78	Tractors and agri. implements	5260	5456	2059	1096	1507	734	10529	2168	1301	252	1537		390	26		212	9200	
79	Industrial machinery(F & T)	3861										13						571	296
80	Industrial machinery(others)											3							
81	Machine tools											15							
82	Office computing machines	6	6	0	0	0	0	0	1	0		1					0	3	
83	Other non-electrical machinery	552	486	20	14	30	37	23	86	34		75					3	311	
84	Electrical industrial Machinery											13							
85	Electrical wires & cables																		
86	Batteries	14	12	1	0	1	1	1	2	1		2					0	8	
87	Electrical appliances	90	80	3	2	5	6	4	14	6		27					1	51	
88	Communication equipments											1							
89	Other electrical Machinery											5							
90	Electronic equipments(incl.TV)																		
91	Ships and boats																		
92	Rail equipments																		
93	Motor vehicles	367	323	14	9	20	25	16	57	23		47					2	207	

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
94	Motor cycles and scooters											1							
95	Bicycles, cycle-rickshaw											2							
96	Other transport equipments	2049	1173	398	210	258	275	641	326	334	39	279		135	4		33	1934	
97	Watches and clocks																		
98	Miscellaneous manufacturing	181	159	7	5	10	12	8	28	11		24					1	102	
99	Construction	33468	37713	10412	5652	7473	8124	16371	11417	6209	845	9525		3256	97		928	9533	1165
100	Electricity	87942	102018	634	1357	5097	2869	6607	12590	1830		8027					424	31800	
101	Gas																		
102	Water supply	28	25	1	1	2	2	1	4	2		4					0	16	
103	Railway transport services	28495	23856	2414	1681	2723	1090	4687	4998	2696	187	3825	381	6	199	1995	392	21082	587
104	Other transport services	135450	101790	27249	16664	19517	11624	43859	21040	31845	3012	22341	2480	2853	493	7263	1656	194988	41715
105	Storage and warehousing																		
106	Communication	3748	3298	138	97	207	250	159	585	234		471					24	2116	
107	Trade	279578	201962	15994	10538	18070	8458	44201	50285	20810	1528	30956	3485	3153	1899	15729	2367	170844	188384
108	Hotels and restaurants	371	327	14	10	20	25	16	58	23		46					2	210	
109	Banking	99158	63780	9573	5852	7786	10215	15533	29003	15197	1584	13985	2806	2590	1642	5196	2563	71164	23737
110	Insurance	1242	620					159										265	
111	Ownership of dwellings																		
112	Education and research																		
113	Medical and health																		
114	Other services	65	57	3	2	3	4	3	10	5		8					0	36	
115	Public administration																		
Total Inputs at Factor Cost		2670664	1950141	237090	148379	204179	146915	541422	419526	329888	26085	309351	32828	42580	15847	121622	22966	2060439	1421423
Net Indirect Tax		-361454	-324231	-21421	-12465	-30444	-10301	-51444	-54304	-29466	-2321	-38657	-4865	273	-2561	-25753	-4475	-236673	-4911
Total Inputs at Purchaser's Price		2309210	1625910	215669	135915	173736	136614	489978	365221	300422	23764	270694	27963	42854	13286	95869	18490	1823765	1416512
Gross Value Added		6496112	4253785	587508	351225	467676	681875	942128	2061857	940430	109972	1026011	231002	158660	146159	473967	207926	12431115	6560349
GROSS Value of Output		8805322	5879695	803177	487139	641412	818489	1432107	2427078	1240852	133736	1296705	258965	201514	159445	569836	226416	14254880	7976860

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

		(Rs. Lakhs)																					
Sec. Code	Industry / Commodity	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38		
1	Paddy		43550															12	155		509925		
2	Wheat	11928	25500																751		628905		
3	Jowar		20414																		5436		
4	Bajra	149	17578																		8057		
5	Maize		16796																		72666		
6	Gram	16895	25923																		1705		
7	Pulses	20212	7765																0	242	153230		
8	Sugarcane															769295	124179				475		
9	Groundnut																3	56132	745806		89737		
10	Jute																						
11	Cotton																			7740			
12	Tea																				304089	2012	
13	Coffee																				68170	2221	
14	Rubber																						
15	Coconut																				29968	75538	
16	Tobacco																					9	
17	Other crops	1043025	700437	174	580											253	40927	366985	621832	761	1054979		
18	Milk and milk products																					948057	
19	Animal services(agricultural)																						
20	Other livestock products		638																		580	278577	
21	Forestry and logging			7654															0		895	6179	
22	Fishing				30150																	146033	
23	Coal and lignite		21			6914					5	14	0	0						9297	5373	10265	31825
24	Crude petroleum, natural gas						2787															9312	14460
25	Iron ore																						
26	Manganese ore																						
27	Bauxite																						
28	Copper ore																						
29	Other metallic minerals																					177	
30	Lime stone																						
31	Mica																						

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
32	Other non metallic minerals					38729											2				1716	
33	Sugar																				134283	
34	Khandsari, boora																		226		125464	
35	Hydrogenated oil(vanaspati)																	3357			9010	
36	Edible oils other than vanaspati	80568	52733														8	139937	70560		62965	
37	Tea and coffee processing																			45961	904	
38	Miscellaneous food products	1794	38514		8500											21	736	144	2865		879547	
39	Beverages																				7823	
40	Tobacco products																					
41	Khadi, cotton textiles(handlooms)			15																		
42	Cotton textiles	408	1578	15															6217	2176	7632	
43	Woolen textiles			1																		
44	Silk textiles																					
45	Art silk, synthetic fiber textiles																					
46	Jute, hemp, mesta textiles		268	30	14956	3										19306	2261	1933	1802	142	15780	
47	Carpet weaving																					
48	Readymade garments					37				0	4	1	2									
49	Miscellaneous textile products			2029	43671										0	1219		906	1484	419	4757	
50	Furniture and fixtures-wooden			81		111		41		1	13	4		0	2							
51	Wood and wood products			64	11242	21451		201	531		0	180		6	166				5625	4735	4508	53959
52	Paper, paper prods. & newsprint			3122		2548		144	10	3	30	15	14	0	19	1983	188	6128	8134	2993	59867	
53	Printing and publishing			1062		1101			17	7	86	30	40	0	17	0					1900	
54	Leather footwear																					
55	Leather and leather products																				1421	
56	Rubber products			4553		4830		2020		6	250	1	598		384				307	1089	729	11911
57	Plastic products			339		2									7	400	104	2662	2042	1459	80460	
58	Petroleum products			12958	33513	17830	13168	6349	168	135	1111	1411	1479	14	2253	3137	3120	3082	6709	671	91834	
59	Coal tar products																180			18	9543	
60	Inorganic heavy chemicals										371				0	4531	1821	5436	3001	331	30958	
61	Organic heavy chemicals									3						4984	663	29784	3309	335	31236	
62	Fertilizers			5																		

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
63	Pesticides			38																	
64	Paints, varnishes and lacquers			1												135	15	12	158	13	3491
65	Drugs and medicines	1886	22190															1757			63286
66	Soaps, cosmetics & glycerin																				1619
67	Synthetic fibers, resin																				
68	Other chemicals		12	9	6909	55507	12698	5570	18	112	849	3223	3334	16	10302			74135	14990	41	73415
69	Structural clay products			4											1						
70	Cement			1			101														
71	Other non-metallic mineral prods.			4		0	10914	0			0							88	267	4008	15735
72	Iron, steel and ferro alloys																				
73	Iron and steel casting & forging																				
74	Iron and steel foundries			95	378	1	154								3			484	868	215	
75	Non-ferrous basic metals				175													3990	1095	539	21806
76	Hand tools, hardware			963	133	3199	7514					739	3			2480	93	59	181	55	
77	Miscellaneous metal products		3719	5673	9947	18854	4489	6278	14	225	266	8		2	182	1930	2344	5046	3968	0	22355
78	Tractors and agri. implements			1																	
79	Industrial machinery(F & T)		1283															6	912	16	8518
80	Industrial machinery(others)					24520	15158	248	35	87	79	494	25		149	96	48	42	68	32	
81	Machine tools			28		15719										185	613	1092	1208	58	3751
82	Office computing machines			185		440	1	19	0		1	32		0							
83	Other non-electrical machinery			579		58381	14987	654	233	131	130	709	2914	3	1532	746	46	63	256	71	6636
84	Electrical industrial Machinery			1																	13390
85	Electrical wires & cables																				
86	Batteries			928		77	2	3	1		1	0	0		1						
87	Electrical appliances			55		66	12		1		8	2	3	0	1						3504
88	Communication equipments			2																0	
89	Other electrical Machinery																				
90	Electronic equipments(incl.TV)			79		2		1	0	0	0	0	0		0					271	1219
91	Ships and boats				44640																0
92	Rail equipments																				
93	Motor vehicles			4030		16672	48	133	8		29	88	86	1	127		6			23	450

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
94	Motor cycles and scooters			187		1		1	0	0	0	0	0		0					0	
95	Bicycles, cycle-rickshaw			248		21	4	8	0	0	2	1	1		0					0	
96	Other transport equipments																			0	
97	Watches and clocks																				
98	Miscellaneous manufacturing			5674		28094		128	11	3	15	15	7	0	4	293	47	424	660	395	3359
99	Construction	534	4303	49469		7274	20665	817	23	57	73	1858	2810	0	2841	3191	335	719	1110	6351	36446
100	Electricity			1697	2068	127693	10542	9479	34	57	3441	8248	3581	0	3051	12110	3986	61526	34610	7815	39445
101	Gas															512	290				
102	Water supply			156	54	938		21	0	3	2	76	20		0	771		372	249	65	4706
103	Railway transport services	513	497	8883	1599	14290	2126	2308	358	246	466	283	620	1	1127	1036	355	5670	4467	4224	45267
104	Other transport services	43301	39162	30274	16982	71172	9156	4103	285	274	663	701	1454	3	3482	12934	4597	31149	46533	148453	422200
105	Storage and warehousing																				
106	Communication			4134		4384	504	1132	65	25	310	204	155	0	556	1462	77	1457	3608	957	18011
107	Trade	184103	152605	7127	28268	34129	10304	3212	163	83	468	888	995	6	2078	153295	32124	104338	164530	59965	900997
108	Hotels and restaurants			5856		1840	1	186	22	5	1	73	29		448						
109	Banking		11429	2308	5605	21415	11493	1617	151	106	294	870	980	2	3131	39730	10228	41658	89439	35569	440854
110	Insurance				2549	455	63	181	13	14	37	70	164		203	3825	100	2422	3132	2552	29071
111	Ownership of dwellings																				
112	Education and research																				
113	Medical and health			14508																	
114	Other services			9085	16625	30596	11535	2453	426	851	2045	2121	1166	0	4104	7604	1440	4249	4137	4038	129804
115	Public administration																				
Total Inputs at Factor Cost		1405316	1186913	184385	278547	629299	158426	47304	2587	2433	11052	22359	20480	55	36175	1047463	230939	978699	1898408	725576	7962333
Net Indirect Tax		-11534	-14057	13816	29354	62028	24196	5992	207	244	985	1769	1634	11	2858	33872	6853	21956	-10402	6640	13295
Total Inputs at Purchaser's Price		1393782	1172856	198200	307901	691326	182623	53297	2793	2677	12037	24128	22115	66	39033	1081335	237792	1000655	1888006	732215	7975628
Gross Value Added		0	2667416	1784000	1815599	1766367	1136350	132298	14590	9491	21738	75767	90385	166	320304	244822	39077	126997	533083	230619	1004628
GROSS Value of Output		1393782	3840272	1982200	2123500	2457693	1318973	185595	17383	12168	33775	99895	112500	232	359337	1326157	276869	1127652	2421089	962834	8980256

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
1	Paddy	2652		255										10	914				
2	Wheat	6382	16		219						87				665				
3	Jowar																		
4	Bajra																		
5	Maize	1857																	
6	Gram				16														
7	Pulses											1							
8	Sugarcane													0					
9	Groundnut	0																	
10	Jute								118530			6026				0			
11	Cotton			11356	1180783			5858				35							
12	Tea																		
13	Coffee																		
14	Rubber											728					3851		162507
15	Coconut											15614		0					
16	Tobacco		178990	3															
17	Other crops	104497	21412	179	11270	0		9			134	863		2068	25135			386	372
18	Milk and milk products		3																121
19	Animal services(agricultural)																		
20	Other livestock products	939			638	29149	32485	14259			471	3373	1136	4347		1012	25989	68378	
21	Forestry and logging	375	123630	142	5639	0	32	0		27		6012	74582	339217	48195	101	486	2787	860
22	Fishing																		
23	Coal and lignite	13992	990	37	24558	3138	474	5756	2225	640	146	553		1894	87071	4	246	952	8880
24	Crude petroleum, natural gas	1831										3216							11703
25	Iron ore	0															0		
26	Manganese ore																		
27	Bauxite																		
28	Copper ore																		
29	Other metallic minerals			239								0		1606					
30	Lime stone																2		
31	Mica																		

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
32	Other non metallic minerals				121							459	212	870	1859				2588
33	Sugar	38810																	
34	Khandsari, boora	2718																	
35	Hydrogenated oil(vanaspati)																		
36	Edible oils other than vanaspati		1														5	2	
37	Tea and coffee processing																		
38	Miscellaneous food products	45231	2022	281	12748		544	808	632	44		1121		163	123	4053	222	282	
39	Beverages	34575																	
40	Tobacco products	9	110692																
41	Khadi, cotton textiles(handlooms)			10657	1546	19666	1356	6500			2550	15611							
42	Cotton textiles		4116	103777	439465	41196	2345	57129	12203	7628	309459	204851	573	1103	3022	522	801	1160	16707
43	Woolen textiles			811	1248	6285	3806	22947		17336	6976	15419						108	82
44	Silk textiles			1317	330	23	14870	1952		51	17185	3857						211	277
45	Art silk, synthetic fiber textiles			4364	5682	9264	3576	393204	60	2440	158669	83822	697	2866	1075				43546
46	Jute, hemp, mesta textiles	327	2719	126	1842	9450	62	13364	13498	648	43188	75818	173	328	10403	354	496	382	1479
47	Carpet weaving					22		1314						0					
48	Readymade garments			47		100	35	367	601		1824	6251	395		695				
49	Miscellaneous textile products		1948	3123	2435	1088	1380	3739	607	1588	17207	27456	2641	1711	9615	3484	10245	2984	47316
50	Furniture and fixtures-wooden			107	20		19				49	210	47418	8353	4395	38	8	15	55
51	Wood and wood products	24868	12551	1760	1820	675	1144	9559	648	307	954	1928	69978	97898	45364	6527	4976	2366	5881
52	Paper, paper prods. & newsprint	35039	96011	1387	16208	418	542	10267	655	455	759	11420	2830	8152	368199	279548	3528	2437	6627
53	Printing and publishing		68		1468						408	162	62	236	796	64114			414
54	Leather footwear																11626		
55	Leather and leather products				486						7818	314	373	314			105363	205093	1448
56	Rubber products	772	1383		2111	162		528	285		544	5910	1567	1437	938	740	13818	818	45793
57	Plastic products	4440	2529	718	4966	496	959	284	146	230	17012	9643	34921	6515	1402	1817	1682	2677	3696
58	Petroleum products	5063	10050	2870	24363	2526	1253	4719	2670	587	4422	3033	3753	8649	8118	4745	2942	2653	6875
59	Coal tar products	200	845	138	4308	4	252			38	6	474		159					1060
60	Inorganic heavy chemicals	1684	640	963	32232	717	1738	9411	630	92	729	10007	284	1237	87324	629	598	15909	22031
61	Organic heavy chemicals	2082	2808	559	28619	895	414	61795	704	71	733	3381	932	1602	23569	905	1231	18553	9346
62	Fertilizers	0										0							

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56		
63	Pesticides			0																	
64	Paints, varnishes and lacquers	302	104	1512	95247	5256	653	16509	611	755	1445	17866	6661	2218	6869	27973	7025	17033	9129		
65	Drugs and medicines	197	1470									0									
66	Soaps, cosmetics & glycerin		20	502	9144			978			11047	434		749	1587						
67	Synthetic fibers, resin		3226	2367	113307	18897	982	209505		1732	11533	65137	1045	12624	5087	540	944	2923	181348		
68	Other chemicals	34390	20254	591	17629	1699	929	22202	7135	813	4686	19372	2577	10147	25780	20478	17487	2697	179073		
69	Structural clay products													0							
70	Cement																				
71	Other non-metallic mineral prods.	68960	647	302	1694	141	329	835	306	52	424	1116	2552	2763	6349	2660	591	908	1115		
72	Iron, steel and ferro alloys											1240		4373					1809		
73	Iron and steel casting & forging														521						
74	Iron and steel foundries	741	1328	540	3936	453	1205	702	1247	172	1044	1097	2860	765	351	780	418	183			
75	Non-ferrous basic metals	1948	10304	1590	3050	206	843	714	385	250	1020	7052	2028	10210	6591	17761	734	2506	4905		
76	Hand tools, hardware	402	314	503	14292	101	244	495	2382	34	2864	789	8046	3040	2450	1833	4694	1368	12270		
77	Miscellaneous metal products	27367	26040	316	2401	142	776	207		0	4201	2713	1082	3370	1365	5049	926	2032	11479		
78	Tractors and agri. implements														0						
79	Industrial machinery(F & T)	5919	38209	3046	17860	1735	1802	12871	8931	214	6208	7740									
80	Industrial machinery(others)	181	191	82	1026	62	39	310	112	24	108	208	308	1963	2978	3371	136	859	861		
81	Machine tools	332	202	1106	394	173	452	646	501	156	144	350	556	578	1245	558	77	404	1368		
82	Office computing machines																				
83	Other non-electrical machinery	634	440	807	1400	178	369	755	288	58	458	1117	2609	3363	81	661	757	831	1737		
84	Electrical industrial Machinery	1214	183		845	122			13		902	2226	239	978	170	110	69	175	222		
85	Electrical wires & cables			79											175				63		
86	Batteries											41									
87	Electrical appliances	908	1020	379	6407	356	175	283	560	70	886	1202	1583	2361	2171	3609	3157	591	1585		
88	Communication equipments																		175		
89	Other electrical Machinery	251	121	251	122	12	192		61	39		251	424	232	91	67	51	3779	77		
90	Electronic equipments(incl.TV)	0		84																	
91	Ships and boats																				
92	Rail equipments													0					82		
93	Motor vehicles	35			56	5								364	90	53	368	46			

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
94	Motor cycles and scooters																11		
95	Bicycles, cycle-rickshaw																15		
96	Other transport equipments																8		
97	Watches and clocks																		
98	Miscellaneous manufacturing	2120	948	1416	3638	333	318	3516	368	250	1915	4793	3670	8213	3832	8678	2079	1893	1861
99	Construction	3016	2902	1186	13462		152	2692	1049	643	1575	5916	1560	8251	3572	2637	721	2536	3777
100	Electricity	18370	18469	21593	671379	11350	3358	97792	34375	5188	6004	18369	9695	90819	101274	25988	12791	9121	83225
101	Gas																		
102	Water supply	787	109	45	7848	584	30	546		30	211	738	35	110	4284	493	42	146	769
103	Railway transport services	7841	8190	419	13425	1711	434	3479	1466	359	1560	2621	767	4820	35700	1819	3663	837	7216
104	Other transport services	41175	65081	13860	429027	15486	11055	96433	53562	6295	59693	65276	16283	51848	71162	46783	17598	25079	77871
105	Storage and warehousing																		
106	Communication	5457	3738	193	1061	1086	220	6735	547	190	8128	6068	660	4387	7110	9337	2138	2422	6167
107	Trade	88714	111173	41897	495729	31855	12646	124708	38608	11327	146399	130847	44074	80380	115225	53668	67485	108488	170875
108	Hotels and restaurants																		
109	Banking	44911	73159	17847	207520	12201	7629	65423	19177	6392	48154	55133	28615	66898	60838	45455	22429	26962	63551
110	Insurance	3426	3449	506	15532	1218	276	6591	1560	252	1364	1662	277	1742	6433	2297	1063	1082	5749
111	Ownership of dwellings																		
112	Education and research																		
113	Medical and health																		
114	Other services	17117	200964	13488	160047	15294	8133	56880	3263	15282	8966	24045	10686	19128	2433	22300	30814	14886	40120
115	Public administration																		
Total Inputs at Factor Cost		705060	1165680	271722	4112619	245930	120527	1355579	330601	82758	922271	962992	391421	887433	1204696	673552	386406	558062	1268023
Net Indirect Tax		76934	80685	8278	29454	7112	4728	95026	6600	4368	53013	44375	26280	28567	71315	52638	15404	17828	66016
Total Inputs at Purchaser's Price		781993	1246366	280000	4142074	253041	125255	1450604	337200	87127	975285	1007367	417700	916000	1276010	726190	401810	575890	1334039
Gross Value Added		433720	734027	203100	1475400	77223	81265	320373	181900	85911	328222	485067	356900	894901	370853	504246	205338	153961	386262
GROSS Value of Output		1215713	1980393	483100	5617473	330264	206520	1770977	519100	173037	1303507	1492434	774600	1810900	1646864	1230436	607148	729852	1720301

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74
1	Paddy												820	31		0			
2	Wheat				2								1	12		1			
3	Jowar																		
4	Bajra																		
5	Maize																		
6	Gram																		
7	Pulses																		
8	Sugarcane																	0	
9	Groundnut												6722						
10	Jute	8														4			
11	Cotton													1		0			
12	Tea																		
13	Coffee																		
14	Rubber	1373																	
15	Coconut										6656		3873						
16	Tobacco																		
17	Other crops	5			296	3221				7408	8638		548186	2133	62	978		0	4
18	Milk and milk products									127	635								
19	Animal services(agricultural)																		
20	Other livestock products					1093	1959	201	1425	8835	7513		8022			802			
21	Forestry and logging	291		441	4075	1266	2463	6	101	24637	6337	7361	2913	5326		2245		1644	
22	Fishing				86		6								370				
23	Coal and lignite	477	28	186596	36043	14312	37693	1140	7762	3139	2923	21408	13175	35858	156975	43160	389257	13178	5241
24	Crude petroleum, natural gas	13500	2836367				267815		9404	13946		29472	10517				7382	1307	2070
25	Iron ore															1	126037	21	480
26	Manganese ore				339								27				15538		
27	Bauxite						276							4783					
28	Copper ore																		
29	Other metallic minerals									2986			326	67				227	
30	Lime stone				5936									178	62065	7757	22051	5	0
31	Mica															12			

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74
32	Other non metallic minerals			1087	8534	217	152481	1824	3009	831	8740	652	885	110745	151131	213305	56878	5598	725
33	Sugar					518				9986							2	3	
34	Khandsari, boora					5019				1107									
35	Hydrogenated oil(vanaspati)																		
36	Edible oils other than vanaspati				1					405	3556	72	1282			25			
37	Tea and coffee processing									0		18				25			
38	Miscellaneous food products				434	390				1242	859	405	8367	113		97			364
39	Beverages								1793	996	179	1648							
40	Tobacco products																		
41	Khadi, cotton textiles(handlooms)																		
42	Cotton textiles	2368		112		748		2	548	7093	2518		39735			1103			
43	Woolen textiles															1			
44	Silk textiles																		
45	Art silk, synthetic fiber textiles	10923																	
46	Jute, hemp, mesta textiles	957	211	173	5342	612	17442	530	1206	2167	4238	367	9382	387	45343	6709	1775	48	45
47	Carpet weaving																		
48	Readymade garments												228			720			
49	Miscellaneous textile products	7439	414	1260	3397	1524	1175	1272	4209	25711	12327	5513	4794	418	18291	5216	8675	2378	1093
50	Furniture and fixtures-wooden	249	1	4	0	24	13		71	17	441		99	6		167	4	14	13
51	Wood and wood products	4966	5170	1103	1627	3373	1210	1351	1681	10383	1624	16006	17650	1562	2478	14317	6805	3718	1421
52	Paper, paper prods. & newsprint	19751	965	429	4320	28536	1662	11263	14847	112702	61165	31030	70998	1711	1427	1645	3114	763	734
53	Printing and publishing			4	14	260	312	671	419	5366	1621	0	1636	12	1	92	345		64
54	Leather footwear								5										
55	Leather and leather products	331											306	143					
56	Rubber products	7993	195	163	943	330	348	530	1302	3196	1658	1613	3691	95	521	1094	1047	545	204
57	Plastic products	93726	102	31	8230	5015	37707	5968	11797	35265	13355	5223	7458	74	31889	4326	356	660	697
58	Petroleum products	2580	45745	2737	6992	11467	9798	7040	9098	13907	10507	5949	7582	9469	6902	67546	56137	4009	9636
59	Coal tar products	46	7	4285	12985	674	1912		6228	157	288	99	50	9594	2920	2405	232988	7450	2234
60	Inorganic heavy chemicals	3644	1484	2138	109783	46186	410681	60918	118597	65888	169465	100084	167456	6153	1807	51108	6622	4056	3310
61	Organic heavy chemicals	32097	851	873	58329	124473	115951	41281	174707	221441	91328	139688	82689	661	2966	25239	25498	3706	1501
62	Fertilizers						358328	16296						0					

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry Commodity	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74
63	Pesticides							113984					10						
64	Paints, varnishes and lacquers	13574	4572	158	305	365	169	164	63421	394	3567	22127	9079	3042	656	3693	1077	683	3277
65	Drugs and medicines				4			6018		601822	163	904	411			31			
66	Soaps, cosmetics & glycerin	335	8	20	152	278	42	6009	9539	9742	80949		5537			108			
67	Synthetic fibers, resin	490850		144	861	2133			2438	2036	4996	57797	6175			1084			
68	Other chemicals	62724	59053	215	4860	1091	119262	41051	50037	85365	125175	59378	124309	7106		7668	4537	1137	637
69	Structural clay products								468					5241	3371	272			
70	Cement								1438					1282	813	36332			
71	Other non-metallic mineral prods.	1673		1244	6503	917	2015	1458	2083	16450	8599	840	907	1177	1301	51225	5548	1623	738
72	Iron, steel and ferro alloys	1435			453	714			2023						8156	4457	1153981	161948	552109
73	Iron and steel casting & forging															3070	388	3195	7567
74	Iron and steel foundries	904		545	1775	1154	1362	157	246	254		644	708	585	503	1600	901	698	53956
75	Non-ferrous basic metals	8046	357	4049	18933	936	5619	880	9127	15327	1387	1223	6360	706	522	10767	77652	7260	11826
76	Hand tools, hardware	3299	5503	648	873	3713	615	1332	416	12024	11706	11575	1345	1486	644	6113	5837	873	7572
77	Miscellaneous metal products	3300	12853	1044	4840	5322	488	14589	3845	3319	7893	7034	10036	57	3	10202	333068	1258	859
78	Tractors and agri. implements			3			12												
79	Industrial machinery(F & T)																		
80	Industrial machinery(others)	1057	86	861	784	914	5173	1313	928	1563	843	665	1114	624	716	804	3245	796	1379
81	Machine tools	1018	3475	669	1990	577	6536	606	906	1348	401	2596	596	318	915	1565	5106		373
82	Office computing machines																		
83	Other non-electrical machinery		211	393	2830	3512	3859	971	1310	1963	1304	1645	663	1323	3822	4051	892	1776	1205
84	Electrical industrial Machinery	313		42	344	139	15	6	284	119	847	0	137	16		100			
85	Electrical wires & cables						63	20								10			
86	Batteries					44	8		31									0	
87	Electrical appliances	1697	617	2273	5454	2678	2019	587	835	2211	728	1176	860	517	2627	3209	4125		1151
88	Communication equipments	326	0	0	0		3							24					
89	Other electrical Machinery	67	42	121	41	14	7		40	6		9	68	94	25	140	4435	66	35
90	Electronic equipments(incl.TV)			73	167	55	156		104										
91	Ships and boats																		
92	Rail equipments								4										
93	Motor vehicles	98		5	49	25	9		52	54	280	7	77				34	34	13

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74
94	Motor cycles and scooters	9	0		15	8	2		50	7	72		5	3	1	34	2	1	
95	Bicycles, cycle-rickshaw		0		20	9	3			10	95		7	28			1	2	50
96	Other transport equipments		0		2	1	2			5	3		4	14			0	1	
97	Watches and clocks															1			
98	Miscellaneous manufacturing	1763	822	507	1427	1692	47749	422	1761	15238	6245	4111	1355	268	1408	27359	3862	831	4696
99	Construction	2907	4543	2757	3216	1561	6287	1142	2643	11641	2488	3135	1020	1713	3341	5007	8007	919	1258
100	Electricity	88497	110903	12506	50040	75444	110298	35510	65774	77444	71108	57709	154668	11923	103004	62543	233768	34823	44035
101	Gas		785																
102	Water supply	405	4217	792	1194	1222	7329	713	1422	11836	718	2500	1102	18	450	860	4451	190	627
103	Railway transport services	2434	2835	75488	17223	6538	35408	2265	5882	12653	5444	12585	9609	17481	79670	32519	283318	10307	18867
104	Other transport services	71463	83308	39207	22270	17360	109312	14952	29894	132811	50559	64321	68632	29742	70232	70584	146877	11577	27494
105	Storage and warehousing																		
106	Communication	7246	2845	709	2357	3281	5165	1601	4370	11172	4198	2107	9214	1185	3361	6667	6082	1888	6859
107	Trade	73277	169899	68697	46875	33127	201288	43138	70746	239145	79510	64511	175535	32556	105241	82050	563372	34629	94744
108	Hotels and restaurants																		
109	Banking	69750	163789	20229	31820	26297	115886	25965	39830	95775	56276	49441	88368	19367	39033	61880	224496	16734	45597
110	Insurance	5400	15201	437	4471	4888	20930	2049	4412	18492	2017	14430	9918	378	6479	3117	7524	945	8599
111	Ownership of dwellings																		
112	Education and research																		
113	Medical and health																		
114	Other services	20912	4674	33977	7673	2374	10599	3008	5532	8431	5720	19081	13149	1770	4308	22562	88984	2344	47784
115	Public administration																		
Total Inputs at Factor Cost		1137504	3542139	469250	507525	447704	2236877	470185	750102	1967593	949862	828159	1722261	329576	925751	971832	4133722	344590	972781
Net Indirect Tax		56360	337661	7710	42914	46652	-26751	26734	87572	149533	109149	71007	69086	12876	20245	83264	284989	20249	56364
Total Inputs at Purchaser's Price		1193864	3879800	476960	550439	494355	2210126	496919	837674	2117126	1059010	899166	1791346	342452	945996	1055095	4418711	364839	1029144
Gross Value Added		575500	553910	70629	310922	247074	926868	228503	301481	917358	464360	439183	600728	181796	381311	619965	1658293	88144	205149
GROSS Value of Output		1769364	4433710	547589	861361	741430	3136995	725422	1139154	3034484	1523370	1338350	2392074	524248	1327306	1675060	6077004	452983	1234293

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
1	Paddy																		
2	Wheat												133						
3	Jowar																		
4	Bajra																		
5	Maize																		
6	Gram																		
7	Pulses																		
8	Sugarcane																		
9	Groundnut																		
10	Jute																		
11	Cotton	0																	
12	Tea																		
13	Coffee																		
14	Rubber																		
15	Coconut																		
16	Tobacco																		
17	Other crops			1															
18	Milk and milk products																		
19	Animal services(agricultural)																		
20	Other livestock products	2																	
21	Forestry and logging		49	829	344	0					249		102	208					
22	Fishing																		
23	Coal and lignite	35068	646	22303	2793	810	33	56		6026	1750	74	160	365		0		1	4337
24	Crude petroleum, natural gas	4579	1981	3413	2093	2882	1774				2853	2177	1698	2242	2674	1057			
25	Iron ore	0	1865	2116											3	0			
26	Manganese ore												1090			0			
27	Bauxite	8112																	
28	Copper ore	90717																	
29	Other metallic minerals	114553		1558		590	179			1	538		966				2765		
30	Lime stone	2751			2			0		2						0			
31	Mica																		

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
32	Other non metallic minerals	28873	186	27407	4	69	218	136								2	1402		
33	Sugar																		
34	Khandsari, boora																		
35	Hydrogenated oil(vanaspati)																		
36	Edible oils other than vanaspati																		
37	Tea and coffee processing																		
38	Miscellaneous food products	164	2	6									316			0			
39	Beverages																		
40	Tobacco products																		
41	Khadi, cotton textiles(handlooms)																		
42	Cotton textiles	7221	572	1789	81	574				1344		293	244		750		3265	62	
43	Woolen textiles			277															
44	Silk textiles			869															
45	Art silk, synthetic fiber textiles	390		1399															
46	Jute, hemp, mesta textiles	372	398	562	44	185	192	151		630	186	347						1	132
47	Carpet weaving																		
48	Readymade garments																		18
49	Miscellaneous textile products	3662	4283	7630	3187	3152	1190	1111	4219	8675	364	2121	915	2737	3313	1774	8944	823	996
50	Furniture and fixtures-wooden	38	48	149	63		48			106	78	0		0		0	1054		
51	Wood and wood products	4230	3898	3217	2299	6792	3610	5080	3849	31094	10418	12418	2777	5191	12484	7577	13516	3455	17445
52	Paper, paper prods. & newsprint	4244	2648	5875	2785	2508	2079	1571	587	3835	6384	6003	1263	283	10480	1282	11127	1274	760
53	Printing and publishing	57	25	122	22	297	73			851	729			176	442	4	1497	0	
54	Leather footwear																		
55	Leather and leather products	195	151	683	185	239	94	97	199	1195	280	59	350	199	259		958	165	45
56	Rubber products	469	568	2485	17089	1047	1096	406	306	6686	929	1383	262	912	951		2048	91	887
57	Plastic products	1419	1288	3781	1327	1138	622	579	6369	15325	32305	33578	7310	6782	18483	1952	51121		3730
58	Petroleum products	17147	10329	14933	6437	6730	2686	3753	553	26539	9682	8837	1651	10738	7618	1022	7174	643	5009
59	Coal tar products	27487	6144	6675	2640	155	63	948		3103	168		109	26	41		141		193
60	Inorganic heavy chemicals	39197	2523	16780	1638	2510	2145	999	180	19311	3851	2306	13804	7313	10869	85	7748	7089	15361
61	Organic heavy chemicals	2989	1413	4676	2223	1548	1083	853	183	14645	2223	6490	5173	5852	8914	111	3877	108	3784
62	Fertilizers																		

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99

Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
63	Pesticides																		
64	Paints, varnishes and lacquers	4482	1141	14618	3381	1692	790	518	165	10592	14181	1657	301	4291	1737	583	2824	21799	8384
65	Drugs and medicines																0		
66	Soaps, cosmetics & glycerin	267		130										833			1272		
67	Synthetic fibers, resin	889	1352	1727	618	687	956			4996	2600	32599	2802	2655	9303	1020	5304	419	7024
68	Other chemicals	26917	1203	6004	1848	2143	1693	912	156	11591	23440	9022	768	3145	13873	1253	8251	656	3027
69	Structural clay products			495						72									
70	Cement			191		14					80								
71	Other non-metallic mineral prods.	1052	494	3223	680	1034	3208	579	58	5062	2529	293	1144	11746	14094	67	1710	156	1267
72	Iron, steel and ferro alloys	87764	103668	658485	66634	27736	80993	80983	711	523920	228544	37828	3989	22128	162070		115011	26862	250504
73	Iron and steel casting & forging	4396	3141	11803	31748	16416	6982	25165	392	86002	47067	1545	698	41163	3821	338	6914	260	4427
74	Iron and steel foundries	94	18918	40944	3939	113	4994	1362	1453	90602	-4334	3080	1733	7454	2805	4974	2659	2705	25410
75	Non-ferrous basic metals	415701	47927	269891	10809	26413	5688	4973	16365	121241	162521	347927	43816	70336	39100	16203	49785	821	21581
76	Hand tools, hardware	13645	1896	26593	2312	7241	10758	3814	344	35745	9490	2473	1381	2784	8568	1007	6350	559	10649
77	Miscellaneous metal products	23049	6158	83915	53395	896	3455	501	137	10866	5212	557	3201	7032	7964	670	16949	963	5776
78	Tractors and agri. implements				80113					73									
79	Industrial machinery(F & T)					131399		74											
80	Industrial machinery(others)	1458	466	1458	387	334	13292	268	30	726	349	397	68	265	290		570	14	67
81	Machine tools	1021	2291	511	103	114	28	6255		314	99	196	29	114	128		239	8	31
82	Office computing machines								4683								3		
83	Other non-electrical machinery	5093	1650	2431	33055	12916	4055	5424	1125	288399	10821	877	3322	9287	860	887	1212	1022	4940
84	Electrical industrial Machinery		343	3566	149	6675	2603	1375	248	11299	50519	10224	83	12028	4591	3741	22392	0	5428
85	Electrical wires & cables			273	65	881				4323	87347	3249		1948	12677	1628	30775		2009
86	Batteries				936						366		868	44			360		705
87	Electrical appliances	1941		4079	840		272	782	78	11396	1538	358	211	16798	18594	752	5182	56	10227
88	Communication equipments							0			7116			346	122127	0	26378	0	
89	Other electrical Machinery	95	35	3417	1537	31	29	171	353		67811	3225	27	10754	3647	13973	163612	400	12
90	Electronic equipments(incl.TV)		140	41	99	102	7	166	245	351	649		306	903	5263	560	45906		3898
91	Ships and boats																	11951	
92	Rail equipments		0			6													62496
93	Motor vehicles	49	49	221	85	53	57	52		195	72	12							8

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92
94	Motor cycles and scooters	7	22	33			2	0	0	13						0		0	
95	Bicycles, cycle-rickshaw	9	30	44			3	0	0	18	27					0		0	
96	Other transport equipments	5	15	1701	7	1	2	0	0	9	3					0		0	
97	Watches and clocks																		
98	Miscellaneous manufacturing	8666	1780	7335	1442	2066	809	2543	3929	5422	3772	8318	579	55214	15493	735	6362	207	1884
99	Construction	3874	1285	3937	1312	1937	1645	1143	175	8130	3093	1596	640	1055	2187	681	2964	309	1853
100	Electricity	165747	18528	87446	34764	23589	16401	7452	1514	103883	56707	35462	4459	21650	27033	3694	39900	4436	45239
101	Gas																		
102	Water supply	1006	181	850	126	139	467	139	57	1006	936	217	110	324	222	74	1272	91	1392
103	Railway transport services	26744	5329	32090	3676	2006	6028	2629	274	19161	8602	2074	737	3036	5573	956	7698	843	10782
104	Other transport services	49522	9947	52474	17524	12985	13596	6102	2234	53328	25420	14428	4178	15590	34264	3305	25584	2683	19418
105	Storage and warehousing																		
106	Communication	15353	1818	12550	3329	3638	5497	1363	5549	17697	10536	3246	1160	2310	26833	613	40041	404	824
107	Trade	103841	29807	157296	35765	34800	20131	19257	6536	150964	93578	45395	10805	37906	76439	6333	75379	12807	59853
108	Hotels and restaurants																		1010
109	Banking	75550	25601	99447	26736	21451	14206	13295	4418	107215	60048	36368	7527	26104	45020	5926	43107	9310	37257
110	Insurance	8937	1363	12476	2944	2784	7765	2529	2781	27214	43414	6375	985	2604	7725	563	14213	656	239
111	Ownership of dwellings																		
112	Education and research																		
113	Medical and health															3			
114	Other services	2778	47292	88825	35957	27620	36415	18909	4446	87582	71671	7865	2516	17947	3189	10715	7944	73724	4283
115	Public administration																		
Total Inputs at Factor Cost		1443890	372889	1820055	501569	401136	280010	224479	74899	1938779	1168812	692951	136770	452818	752767	96120	894757	187851	664582
Net Indirect Tax		109115	30912	138445	52169	48919	26588	22970	19226	171456	117686	72399	14623	60007	61689	10473	102841	13747	40618
Total Inputs at Purchaser's Price		1553005	403801	1958500	553738	450055	306599	247449	94125	2110236	1286498	765350	151393	512825	814456	106593	997598	201598	705200
Gross Value Added		492113	289199	733500	169984	130602	77958	112452	25476	792027	338974	219122	52359	193798	438226	53827	194274	50410	303320
GROSS Value of Output		2045119	693000	2692000	723722	580658	384557	359901	119601	2902263	1625472	984472	203752	706622	1252682	160420	1191871	252008	1008520

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
1	Paddy						0						152				206606		
2	Wheat						1						6698				107191	0	
3	Jowar																		
4	Bajra																		
5	Maize																		
6	Gram												16449				43902		
7	Pulses						0						10647				24749		
8	Sugarcane						0												
9	Groundnut																		
10	Jute			1			317												
11	Cotton															64			
12	Tea																		
13	Coffee																		
14	Rubber	121					243												
15	Coconut																		
16	Tobacco												3						
17	Other crops							366902	47		33		92226				773742		
18	Milk and milk products																139342		
19	Animal services(agricultural)																		
20	Other livestock products						33022	12578	1	31679	0		0				66796		
21	Forestry and logging	230			993		6171	68287				14					24569		
22	Fishing						28420		0				0				14823		
23	Coal and lignite	2686	51	75	14	3	1696		1206806		0	4116					12587		
24	Crude petroleum, natural gas						26795		36		26		1						
25	Iron ore						0												
26	Manganese ore																		
27	Bauxite																		
28	Copper ore						0												
29	Other metallic minerals			84			895												
30	Lime stone							11525											
31	Mica																		

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
32	Other non metallic minerals	5					48407	1165374		307									
33	Sugar																30362		
34	Khandsari, boora																		
35	Hydrogenated oil(vanaspati)												32				16469		
36	Edible oils other than vanaspati						0						333				99721		
37	Tea and coffee processing												36				96208		
38	Miscellaneous food products	4					34						469	14			311567		
39	Beverages												70				93677		808
40	Tobacco products						3						1				34		
41	Khadi, cotton textiles(handlooms)																		
42	Cotton textiles	16		3	184		1134					283	9329				8109		
43	Woolen textiles						241						1582						
44	Silk textiles			26			525												
45	Art silk, synthetic fiber textiles		2	0			1173												1236
46	Jute, hemp, mesta textiles		134	285	44		5762	36502				13	97	1079			10202		
47	Carpet weaving						0						0				0	236	0
48	Readymade garments						5745	421	944		38	12	446	56	264		83	7327	836
49	Miscellaneous textile products	2867	1824	1760	1294	1036	18953	387	1		1	27	16899	618			2		
50	Furniture and fixtures-wooden						24433	18233	2981		114	58	458	19	787		12980	9307	3314
51	Wood and wood products	11972	1753	2697	2879	284	43588	661543	1141		0	2405	8055	2641			54970		1473
52	Paper, paper prods. & newsprint	7789	2618	2179	856	1228	32898	3234	18245		610	1361	81675	2053	2497		59947	1965	33025
53	Printing and publishing	780			7	0	4174	8792	21612		820	2586	55091	179	7764		13067	183	46822
54	Leather footwear						93		86				1952				0		0
55	Leather and leather products	791	91	261	36	297	3519						4						0
56	Rubber products	89860	16583	9194	2742	199	9545	1631	1386		94	16	607901	13	1338		376	47	1626
57	Plastic products	5630	433	3608	669	193	62930		1		0	14	87299	910			7065		0
58	Petroleum products	27184	5025	6077	1843	1942	19139	86789	196430	203	941	55557	2213165	1171	7572		233894	27844	10702
59	Coal tar products	3243	1144	346	258	1	3397	505624				9042							
60	Inorganic heavy chemicals	4376	2504	4658	859	972	15928		45		503		129	350			5793		
61	Organic heavy chemicals	8631	1471	1010	341	821	148431		28		486		0						
62	Fertilizers						655	4298			717								

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry Commodity	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
63	Pesticides							153				1	23	480		2	1	0	0
64	Paints, varnishes and lacquers	19578	6168	2389	205	248	17413	394485	4	1299			37005	6					
65	Drugs and medicines						32		25			4	789						
66	Soaps, cosmetics & glycerin						259										3309		
67	Synthetic fibers, resin	13592	4530	1749	492		14968						350						
68	Other chemicals	26758	1352	1474	307	407	96115		24298		991	123	8709	97		1	2		
69	Structural clay products	80					320	502740						49					
70	Cement	62					2312	1233858		859				56					
71	Other non-metallic mineral prods.	8524	607	513	340	244	5897	203028	11	15		170	16150	0		11	3052	2	1
72	Iron, steel and ferro alloys	281353	23119	26379	18763	14491	471297												
73	Iron and steel casting & forging	105188	5466	3159	3057	1472	59659		1										
74	Iron and steel foundries	6536	329	7635	2205	1838	1192	1437437			1204	131	282	293		2971			
75	Non-ferrous basic metals	65336	28402	29997	3543	14660	1779737						95						
76	Hand tools, hardware	83411	12516	4163	888	228	16250		141		30	123	90004			170725	2		
77	Miscellaneous metal products	43109	9678	1129	777	280	9239	294863	2469		558	154	2083	260	1162	7229	118	8963	1407
78	Tractors and agri. implements																		
79	Industrial machinery(F & T)																		
80	Industrial machinery(others)	628	318	533	62	237	409												
81	Machine tools	703	189	252	35	307	1262	2	59			855				7306			
82	Office computing machines						1569	53	606		5	8	52	88	33	3632	0	167	1158
83	Other non-electrical machinery	48296	8196	2046	970	553	4418	18142	138991		1461	2985	168768	2695	1710	665	7001	3443	2344
84	Electrical industrial Machinery	8012	445	41		8	777		126237		283	2095						385	
85	Electrical wires & cables	89				0	233	203698	173855			73	102571		4134				
86	Batteries	3126				26	374	336	452		19	8	32102	3	171	287	6	614	440
87	Electrical appliances	18299	5799	887	200	487	761	747	1675		67		3833	11	466	148	6604	1476	1005
88	Communication equipments	50				0	7812					4152	855		85854	0		1	0
89	Other electrical Machinery	4489	1297	2682	16	924	5601		43094		52	1465	162			0			
90	Electronic equipments(incl.TV)	173	111		95	2260	2884	158	1551		254	207	1238	26	160	235	0	1906	3045
91	Ships and boats												13389				16		
92	Rail equipments	1444					0	2				321270							
93	Motor vehicles	198719	3155		55		2369	4819	8376		346	153	238676	54	2700	2723	63	3531	6383

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry / Commodity	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
94	Motor cycles and scooters		72487			0	19	17	1166		2	0	4	0	12	3	0	5394	23
95	Bicycles, cycle-rickshaw		96	54848	2	0	6681	239	536		21	7	54	4	148	47	2	7491	322
96	Other transport equipments		1		7662	0	2		0		0		31555			0		0	0
97	Watches and clocks					13477	0					2						0	0
98	Miscellaneous manufacturing	28909	17191	4405	2420	515	42760	38511	63219		997	1392	124196	1278	1132	175621	8759	36077	11307
99	Construction	6192	1434	420	324	265	9717	114578	63422		131121	165913	215465	2831	61943	52215	42860	141073	7179
100	Electricity	164279	33307	13625	7428	8940	149250	344054	2894652		34019	537584	1154619	27812	54069	248714	99151	137522	40646
101	Gas								81639				9	2				24395	
102	Water supply	10396	254	45	58	33	2482	29440	12345		22253	106	21042	133	143	49	3754	1384	313
103	Railway transport services	18506	1751	1386	781	550	22394	267288	476611	139	2208	7585	106055	1011	10291	48858	9380	14963	5766
104	Other transport services	56152	10427	10304	3093	5751	90677	975643	352469	4526	3488	13904	595765	3647	13942	834375	146847	60170	23715
105	Storage and warehousing												194	314		192521			
106	Communication	4016	7151	774	460	462	58600	148157	77128		8776	12479	274012	2982	19239	107028	14359	232792	69895
107	Trade	134499	40238	24127	8069	7076	275838	1198869	523199	3553	1260	22956	657049	1990	18971	104114	333099	20356	11887
108	Hotels and restaurants							2207	21313		1372	5470	397315	637	6544	13999	788	113148	25887
109	Banking	102011	22305	13387	5670	5633	113521	559727	342664	2357		201058	271968	2900	7251	903819	1631	542650	76934
110	Insurance	22942	12300	15818	384	1020	11582	174657	42342		317	29500	168176	3344	814	61715	3080	66813	3386
111	Ownership of dwellings																		
112	Education and research											6189							
113	Medical and health											30578		1040					
114	Other services	219070	40491	5476	2845	5996	56485	383916	216535		34410	103416	1583966	14081	74658	974077	90931	724407	69439
115	Public administration																		
Total Inputs at Factor Cost		1870713	404742	261906	84223	95366	3891432	11483944	7140878	44937	249896	1547618	9529780	76187	386809	4319639	2908463	2222527	435723
Net Indirect Tax		264587	56007	19279	15550	8265	396464	968855	210411	526	4880	52382	1535706	3417	22001	262922	75115	85729	30349
Total Inputs at Purchaser's Price		2135300	460749	281185	99774	103630	4287896	12452800	7351289	45464	254776	1600000	11065486	79604	408810	4582560	2983578	2308256	466072
Gross Value Added		626091	143027	81191	53704	48849	1229075	9200900	3728875	202399	431025	1405100	7285784	115451	2450000	20618600	1463001	8485671	1075652
GROSS Value of Output		2761391	603776	362375	153477	152480	5516970	21653700	11080164	247863	685801	3005100	18351270	195055	2858810	25201160	4446579	10793927	1541724

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry Commodity	111	112	113	114	115	Total IIUse	PFCE	GFCE	GFCF	CIS	EXPORT	less IMP	Total	Total
														F Use	Output
1	Paddy		2679	3604	73		1736375	5631618	18588		-6572	604758	541	6247850	7984225
2	Wheat		2968	3993	81		1406663	3678455	20634		44243	732	117167	3626897	5033559
3	Jowar						32998	507706	38		-2030	98		505812	538810
4	Bajra						31970	296459			3	302		296764	328734
5	Maize						106102	443852			-60	159	84	443867	549970
6	Gram						266334	496651	308		-891		260	495808	762143
7	Pulses		807	1086	22		350033	1072309	5597		-285	13464	61793	1029292	1379325
8	Sugarcane						1035292	1289269			13284	853	2	1303404	2338695
9	Groundnut						945055	260079			-3927	13493	64	269582	1214637
10	Jute						124886				2796	920	8980	-5264	119622
11	Cotton						1214142				44612	10481		55093	1269236
12	Tea						306101				-47135			-47135	258965
13	Coffee						70391	131123						131123	201514
14	Rubber						168822				5	211	9117	-8901	159921
15	Coconut						135963	290990			4293	138659		433941	569904
16	Tobacco						179041	10159			-5569	44881	2097	47375	226416
17	Other crops		15291	3730	13886		6805411	9190690	20743		-27400	356881	218432	9322482	16127893
18	Milk and milk products		10937	11146	54		1123705	6821026	45702		-39			6866689	7990394
19	Animal services(agricultural)						1393782								1393782
20	Other livestock products		192	8383	7732		847128	2640951	52453	205660	128054	15182	26230	3016069	3863197
21	Forestry and logging						781297	1288703			-5732	115947	198016	1200903	1982200
22	Fishing						219889	1498233			-1034	371372	9162	1859409	2079298
23	Coal and lignite				1861		2487973	48893	1367		-31548	7602	56516	-30202	2457771
24	Crude petroleum, natural gas						3291370		6657		-37397	2468	1944052	-1972325	1319046
25	Iron ore						130523				-778	58294	2443	55073	185596
26	Manganese ore						16994				-1	935	545	389	17383
27	Bauxite						13172				1	1027	2032	-1004	12168
28	Copper ore						90717					4	56919	-56915	33802
29	Other metallic minerals						127757				-24181	21073	24753	-27861	99896
30	Lime stone						112273				1	237		238	112512
31	Mica						12					220		220	232

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry Commodity	111	112	113	114	115	Total IIUse	PFCE	GFCE	GFCF	CIS	EXPORT	less IMP	Total F Use	Total Output
32	Other non metallic minerals						2035590				573	67079	1742308	-1674656	360934
33	Sugar						214011	1163122			-17899	173	111122	1034274	1248284
34	Khandsari, boora						134534	124749				1101	1682	124169	258703
35	Hydrogenated oil(vanaspati)						28868	410355	9772		-9792	4182		414517	443385
36	Edible oils other than vanaspati						613449	3056236	13001		-18829	177882	796124	2432166	3045615
37	Tea and coffee processing						143151	571757			-18637	254937	7993	800064	943216
38	Miscellaneous food products						1331898	7332791	48157		-21290	278989	53725	7584920	8916819
39	Beverages						141636	1053584	3		-13880	7900	8657	1038950	1180586
40	Tobacco products						110738	1554523			27895	59447	980	1640885	1751622
41	Khadi, cotton textiles(handlooms)						57902	324016			-54876	63974	6835	326280	384181
42	Cotton textiles				9481		1370937	2311919			-45620	575544	56368	2785476	4156413
43	Woolen textiles						77120	191762			-1933	30972	58396	162404	239523
44	Silk textiles						41492	91900			-1190	48410	32967	106154	147646
45	Art silk, synthetic fiber textiles						724988	1274870			-17962	213153	49714	1420347	2145334
46	Jute, hemp, mesta textiles						429889	11532	16		-12119	56562	16157	39834	469723
47	Carpet weaving		0	0			1573	45618	1	11856	-1993	107843	2547	160779	162352
48	Readymade garments		1445	1944	30		31645	539727	3646		-14433	1484354	101772	1911521	1943166
49	Miscellaneous textile products		1997	2687	11029		418638	571638	220		-6983	255834	101059	719649	1138287
50	Furniture and fixtures-wooden		21522	17539	62203		239763	398872	15286	186887	16	3961	582	604440	844203
51	Wood and wood products						1433069	88751		37841	-17590	16845	18937	106911	1539980
52	Paper, paper prods. & newsprint		3125	4204	71032		1711717	230766	80517		11693	238716	602529	-40838	1670879
53	Printing and publishing		34126	15065	36893		371015	720464	133081		17093	40084	258426	652295	1023310
54	Leather footwear		0	0			13762	269944	0		677	165243	5158	430706	444468
55	Leather and leather products						333764	100634			-1716	309538	53490	354966	688730
56	Rubber products		275	370	147		912287	129677	4577	440120	-11444	136863	60896	638896	1551183
57	Plastic products		0	0			799350	457588	9947	168495	35222	141566	173685	639132	1438482
58	Petroleum products		10725	7690	7527		3908921	1489294	208327		-24782	35707	1513308	195238	4104159
59	Coal tar products						872496	2441			-21768	144	370410	-389593	482904
60	Inorganic heavy chemicals		714	961			1754575		409		4005	250516	541589	-286660	1467915
61	Organic heavy chemicals		16326	11939			1627766		5084		-5622	434961	771387	-336965	1290801
62	Fertilizers						2844613				-74262	3705	309977	-380535	2464079

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry Commodity	111	112	113	114	115	Total IIUse	PFCE	GFCE	GFCF	CIS	EXPORT	less IMP	Total F Use	Total Output
63	Pesticides		0	0			487023				38698	78550	16607	100641	587663
64	Paints, varnishes and lacquers						923254	40239			189	131906	68930	103404	1026658
65	Drugs and medicines		17926	1258429	5776		1985655		65401		360865	326219	57004	695481	2681136
66	Soaps, cosmetics & glycerin						144899	1051423			-9144	279868	118704	1203444	1348343
67	Synthetic fibers, resin						1310345				-1	37831	431589	-393759	916586
68	Other chemicals			77202	28839		1785477	412410	103883		11542	122496	343932	306400	2091877
69	Structural clay products						513114				10452	5313	10400	5365	518479
70	Cement						1277400				-15132	8955		-6177	1271223
71	Other non-metallic mineral prods.		0	1	5048		519082	96256	7	3473	-76491	1278621	420629	881238	1400319
72	Iron, steel and ferro alloys				12		5208357			60659	-11253	115683	338468	-173379	5034978
73	Iron and steel casting & forging						485060			66878	-32508	58649	33437	59581	544641
74	Iron and steel foundries						1756987		7	67280	-87103	66353	227316	-180779	1576209
75	Non-ferrous basic metals						3873554				6358	77116	2044231	-1960757	1912797
76	Hand tools, hardware				3800		675017			254973	37377	77264	76808	292806	967823
77	Miscellaneous metal products		1921	2584	31909		1246607	683244	9279	672113	-79004	210230	57012	1438849	2685457
78	Tractors and agri. implements						121929	543		590775	-4171	5865	16122	576890	698819
79	Industrial machinery(F & T)						251485			363370	3597	43708	168322	242353	493839
80	Industrial machinery(others)						99396			423069	6462	62037	333267	158301	257697
81	Machine tools						83356			451049	-18080	48125	229252	251842	335198
82	Office computing machines		69	93	19670		32587	1650	472	39730	10187	19613	9536	62116	94703
83	Other non-electrical machinery		1407	1893	622		942005	95164	342304	2649078	-79505	209554	1632599	1583996	2526001
84	Electrical industrial Machinery						296784		201	1204808	52338	79959	359884	977423	1274207
85	Electrical wires & cables						630237			283618	11107	22045	37483	279287	909524
86	Batteries		57	76	31		42583	77986	1225	61999	482	14929	14235	142386	184969
87	Electrical appliances		462	622	27427		208092	50270	6464	328383	4335	148486	110858	427081	635173
88	Communication equipments		0	0	60828		316051	54820	11112	921086	89552	270386	649293	697663	1013714
89	Other electrical Machinery				1003		341156			170834	117460	47640	286080	49853	391009
90	Electronic equipments(incl.TV)		14	18	2235		77415	312415	16295	988234	-30645	23092	385756	923635	1001050
91	Ships and boats						69996		1321	236004	-25756	25934	92668	144837	214832
92	Rail equipments						385305			413749	26740	4288	34208	410569	795874
93	Motor vehicles		1766	2376	396		502124	284618	49849	1656713	-177838	190769	116453	1887658	2389781

MATRIX - 1: INPUT OUTPUT TRANSACTION (COMMODITY x INDUSTRY) TABLE-1998-99
Absorption Matrix-98-99

(Rs. Lakhs)

Sec. Code	Industry Commodity	111	112	113	114	115	Total IIUse	PFCE	GFCE	GFCF	CIS	EXPORT	less IMP	Total	Total
														F Use	Output
94	Motor cycles and scooters		11	14	1		79644	272725	147	85950	14275	24510	4480	393127	472771
95	Bicycles, cycle-rickshaw		148	199	17		71520	96376	2070	87898	35	43290	3164	226504	298024
96	Other transport equipments		0	0			49091			64020	-1139	724	7183	56421	105511
97	Watches and clocks		0	0			13481	55661		37033	-1315	8103	11678	87804	101285
98	Miscellaneous manufacturing		20832	12750	1030827		1960688	895544	938632	1717006	-90731	1808903	1971047	3298307	5258996
99	Construction	498476	71648	26584	137908		2209683		1088973	18637759				19726732	21936415
100	Electricity		5766	17725	98138		9998939	909661	171560					1081221	11080160
101	Gas						107632	140160	82					140242	247874
102	Water supply		171	230	17		177634	126348	381822					508170	685804
103	Railway transport services		21307	13440	27787		2118784	655511	73234	63350		94222		886316	3005100
104	Other transport services		147095	135496	91380		7738324	9129279	465416	557135		1685415	1224300	10612945	18351270
105	Storage and warehousing						193029		2026					2026	195055
106	Communication		21085	18936	37524		1462931	979116	409690			19602	12500	1395909	2858840
107	Trade		22056	333510	199599		11879565	10463273	280815	1644259		2298708		14687056	26566621
108	Hotels and restaurants		101068	36005	20536		756884	3407498	106203			420001	244000	3689702	4446586
109	Banking		151554	42780	284234		7473710	3015890	304327					3320217	10793927
110	Insurance				1910		996964	562077	59			83999	101375	544760	1541724
111	Ownership of dwellings							7256600	0					7256600	7256600
112	Education and research		31409	318			37916	4075063	3510880					7585944	7623860
113	Medical and health						46129	4986253	1278928					6265181	6311309
114	Other services		199007	2133945	316534		8998568	3781609	663120	498590		2213381	1763888	5392812	14391380
115	Public administration								9956700					9956700	9956700
Total Inputs at Factor Cost		498476	939909	4209570	2656058		133246772	114085380	20946633	36351737	-212500	20038780	24632686	166577344	299824116
Net Indirect Tax		1424	31700	224345	262384		6764654	3971268	456616	3162963		-69665		7521182	14285836
Total Inputs at Purchaser's Price		499900	971609	4433915	2918442		140011425								
Gross Value Added		6756700	6652251	1877297	5066431	9956700	159812692	118056648	21403249	39514700	-212500	19969115	24632686	174098526	
GROSS Value of Output		7256600	7623860	6311212	7984873	9956700	299824117								314109952