

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Paddy	0.886364	0.002470						0.010388							
2	Wheat	0.001122	0.839866						0.006250							
3	Jowar			0.670848												
4	Bajra				0.674826											
5	Maize					0.857369										
6	Gram						0.931159									
7	Pulses	0.000688	0.004165					0.890300								
8	Sugarcane								0.963580							
9	Groundnut									0.978873						
10	Jute										0.891600					
11	Cotton											0.978816				
12	Tea												1.000000			
13	Coffee													1.000000		
14	Rubber														1.000000	
15	Coconut															1.000000
16	Tobacco															
17	Other crops	0.078672	0.126096	0.329152	0.325174	0.142631	0.068841	0.033439	0.036420	0.021127	0.108400	0.021184				
18	Milk and milk products															
19	Animal services(agricultural)															
20	Other livestock products															
21	Forestry and logging															
22	Fishing															
23	Coal and lignite															
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															
32	Other non metallic minerals															
33	Sugar															
34	Khandsari, boora															
35	Hydrogenated oil(vanaspati)															
36	Edible oils other than vanaspati	0.000648						0.002744								
37	Tea and coffee processing															
38	Miscellaneous food products	0.006501	0.005507					0.045546								
39	Beverages															

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
40	Tobacco products															
41	Khadi, cotton textiles(handlooms)															
42	Cotton textiles															
43	Woolen textiles															
44	Silk textiles															
45	Art silk, synthetic fiber textiles															
46	Jute, hemp, mesta textiles															
47	Carpet weaving															
48	Readymade garments															
49	Miscellaneous textile products															
50	Furniture and fixtures-wooden															
51	Wood and wood products															
52	Paper, paper prods. & newsprint															
53	Printing and publishing															
54	Leather footwear															
55	Leather and leather products															
56	Rubber products															
57	Plastic products															
58	Petroleum products															
59	Coal tar products															
60	Inorganic heavy chemicals															
61	Organic heavy chemicals															
62	Fertilizers															
63	Pesticides															
64	Paints, varnishes and lacquers															
65	Drugs and medicines															
66	Soaps, cosmetics & glycerin															
67	Synthetic fibers, resin															
68	Other chemicals															
69	Structural clay products															
70	Cement															
71	Other non-metallic mineral prods.															
72	Iron, steel and ferro alloys															
73	Iron and steel casting & forging															
74	Iron and steel foundries															
75	Non-ferrous basic metals															
76	Hand tools, hardware															
77	Miscellaneous metal products															
78	Tractors and agri. implements															

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Sec. Code	Industry Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
79	Industrial machinery(F & T)															
80	Industrial machinery(others)															
81	Machine tools															
82	Office computing machines															
83	Other non-electrical machinery															
84	Electrical industrial Machinery															
85	Electrical wires & cables															
86	Batteries															
87	Electrical appliances															
88	Communication equipments															
89	Other electrical Machinery															
90	Electronic equipments(incl.TV)															
91	Ships and boats															
92	Rail equipments															
93	Motor vehicles															
94	Motor cycles and scooters															
95	Bicycles, cycle-rickshaw															
96	Other transport equipments															
97	Watches and clocks															
98	Miscellaneous manufacturing															
99	Construction															
100	Electricity															
101	Gas															
102	Water supply															
103	Railway transport services															
104	Other transport services															
105	Storage and warehousing															
106	Communication															
107	Trade	0.002840	0.000304					0.005810								
108	Hotels and restaurants															
109	Banking															
110	Insurance															
111	Ownership of dwellings															
112	Education and research															
113	Medical and health															
114	Other services	0.023164	0.021592					0.005523								
115	Public administration															
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Paddy		0.010358													
2	Wheat		0.004695													
3	Jowar															
4	Bajra															
5	Maize															
6	Gram															
7	Pulses		0.004529													
8	Sugarcane															
9	Groundnut															
10	Jute															
11	Cotton															
12	Tea															
13	Coffee															
14	Rubber															
15	Coconut															
16	Tobacco	1.000000														
17	Other crops		0.972914													
18	Milk and milk products			1.000000												
19	Animal services(agricultural)				1.000000											
20	Other livestock products					1.000000										
21	Forestry and logging						1.000000									
22	Fishing							0.979184								
23	Coal and lignite								1.000000							
24	Crude petroleum, natural gas									1.000000						
25	Iron ore										1.000000					
26	Manganese ore											1.000000				
27	Bauxite												1.000000			
28	Copper ore													1.000000		
29	Other metallic minerals														1.000000	
30	Lime stone															1.000000
31	Mica															
32	Other non metallic minerals															
33	Sugar															
34	Khandsari, boora															
35	Hydrogenated oil(vanaspati)															
36	Edible oils other than vanaspati		0.000102													
37	Tea and coffee processing															
38	Miscellaneous food products		0.002892					0.018855								
39	Beverages															

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry Commodity	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
40	Tobacco products															
41	Khadi, cotton textiles(handlooms)															
42	Cotton textiles		0.000377													
43	Woolen textiles															
44	Silk textiles															
45	Art silk, synthetic fiber textiles															
46	Jute, hemp, mesta textiles															
47	Carpet weaving															
48	Readymade garments															
49	Miscellaneous textile products															
50	Furniture and fixtures-wooden															
51	Wood and wood products															
52	Paper, paper prods. & newsprint															
53	Printing and publishing															
54	Leather footwear															
55	Leather and leather products															
56	Rubber products															
57	Plastic products															
58	Petroleum products															
59	Coal tar products															
60	Inorganic heavy chemicals															
61	Organic heavy chemicals															
62	Fertilizers															
63	Pesticides															
64	Paints, varnishes and lacquers															
65	Drugs and medicines															
66	Soaps, cosmetics & glycerin															
67	Synthetic fibers, resin															
68	Other chemicals															
69	Structural clay products															
70	Cement															
71	Other non-metallic mineral prods.															
72	Iron, steel and ferro alloys															
73	Iron and steel casting & forging															
74	Iron and steel foundries															
75	Non-ferrous basic metals															
76	Hand tools, hardware															
77	Miscellaneous metal products															
78	Tractors and agri. implements															

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Sec. Code	Industry Commodity	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
79	Industrial machinery(F & T)															
80	Industrial machinery(others)															
81	Machine tools															
82	Office computing machines															
83	Other non-electrical machinery															
84	Electrical industrial Machinery															
85	Electrical wires & cables															
86	Batteries															
87	Electrical appliances															
88	Communication equipments															
89	Other electrical Machinery															
90	Electronic equipments(incl.TV)															
91	Ships and boats															
92	Rail equipments															
93	Motor vehicles															
94	Motor cycles and scooters															
95	Bicycles, cycle-rickshaw															
96	Other transport equipments															
97	Watches and clocks															
98	Miscellaneous manufacturing															
99	Construction															
100	Electricity															
101	Gas															
102	Water supply															
103	Railway transport services															
104	Other transport services															
105	Storage and warehousing															
106	Communication															
107	Trade		0.000032					0.000071								
108	Hotels and restaurants															
109	Banking															
110	Insurance															
111	Ownership of dwellings															
112	Education and research															
113	Medical and health															
114	Other services		0.004101					0.001890								
115	Public administration															
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry Commodity	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
1	Paddy							0.000230								
2	Wheat							0.001073								
3	Jowar															
4	Bajra															
5	Maize							0.000005								
6	Gram															
7	Pulses							0.001001				0.000000				
8	Sugarcane								0.000009							
9	Groundnut															
10	Jute															
11	Cotton															
12	Tea															
13	Coffee															
14	Rubber															
15	Coconut					0.000060										
16	Tobacco															
17	Other crops		0.001033		0.002377			0.004407	0.002571	0.001595						
18	Milk and milk products															
19	Animal services(agricultural)															
20	Other livestock products					0.000047		0.000089								
21	Forestry and logging					0.000000		0.000000	0.000000							
22	Fishing															
23	Coal and lignite					0.000012		0.000005								
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	1.000000														
32	Other non metallic minerals		1.000000	0.001094	0.000001			0.000021	0.000005							
33	Sugar			0.938461	0.013055				0.000014							
34	Khandsari, boora			0.001527	0.925077			0.000003	0.000061							
35	Hydrogenated oil(vanaspati)					0.392405	0.000348		0.000005							
36	Edible oils other than vanaspati					0.541098	0.962211		0.002733			0.001595				
37	Tea and coffee processing							0.975924	0.000397							
38	Miscellaneous food products			0.000014	0.005317	0.006130		0.000077	0.955481	0.029107	0.000062	0.002070				
39	Beverages			0.048166	0.000002	0.000280			0.000624	0.901075						

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Commodity																
40	Tobacco products					0.000001				0.000067	0.884441					
41	Khadi, cotton textiles(handlooms)											0.794073	0.000045	0.000065	0.000375	0.000002
42	Cotton textiles					0.003991						0.019861	0.724393	0.000514	0.001858	0.022131
43	Woolen textiles											0.001226		0.602215	0.002643	0.000007
44	Silk textiles											0.001609	0.000798	0.000648	0.656001	0.001708
45	Art silk, synthetic fiber textiles											0.000933	0.080538	0.063178	0.003322	0.843012
46	Jute, hemp, mesta textiles											0.000345				
47	Carpet weaving											0.002332	0.000944	0.077843		
48	Readymade garments											0.002755	0.114352	0.026396	0.005438	0.000343
49	Miscellaneous textile products											0.008859	0.009277	0.000783	0.004294	0.003666
50	Furniture and fixtures-wooden															
51	Wood and wood products													0.000001		
52	Paper, paper prods. & newsprint															
53	Printing and publishing															
54	Leather footwear															
55	Leather and leather products															
56	Rubber products															
57	Plastic products															
58	Petroleum products															
59	Coal tar products													0.000387		
60	Inorganic heavy chemicals			0.006714					0.001116							
61	Organic heavy chemicals								0.001360							
62	Fertilizers															
63	Pesticides															
64	Paints, varnishes and lacquers															
65	Drugs and medicines															
66	Soaps, cosmetics & glycerin					0.028862										
67	Synthetic fibers, resin															0.000535
68	Other chemicals					0.005517	0.000448		0.000801		0.000000					
69	Structural clay products															
70	Cement															
71	Other non-metallic mineral prods.															
72	Iron, steel and ferro alloys															
73	Iron and steel casting & forging					0.000012										
74	Iron and steel foundries															
75	Non-ferrous basic metals					0.000002							0.000001			
76	Hand tools, hardware															
77	Miscellaneous metal products														0.000028	
78	Tractors and agri. implements															



**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Commodity																
79	Industrial machinery(F & T)					0.000008								0.000001		
80	Industrial machinery(others)															
81	Machine tools															
82	Office computing machines															
83	Other non-electrical machinery															
84	Electrical industrial Machinery															
85	Electrical wires & cables															
86	Batteries															
87	Electrical appliances								0.000001							
88	Communication equipments															
89	Other electrical Machinery															
90	Electronic equipments(incl.TV)															
91	Ships and boats															
92	Rail equipments														0.000000	
93	Motor vehicles															
94	Motor cycles and scooters															
95	Bicycles, cycle-rickshaw															
96	Other transport equipments															
97	Watches and clocks															
98	Miscellaneous manufacturing											0.001921			0.008570	
99	Construction			0.000922	0.000340	0.000290	0.000120	0.000257	0.000145	0.000116	0.000158		0.000981	0.004190	0.000396	0.003065
100	Electricity															
101	Gas			0.000003		0.000009										
102	Water supply															
103	Railway transport services															
104	Other transport services															
105	Storage and warehousing															
106	Communication															
107	Trade			0.002066	0.056210	0.002651	0.008680	0.002316	0.003366	0.007184	0.012093	0.003856	0.007564	0.034551	0.013937	0.007924
108	Hotels and restaurants								0.000001							
109	Banking															
110	Insurance															
111	Ownership of dwellings															
112	Education and research															
113	Medical and health															
114	Other services					0.020236	0.024201	0.021402	0.027081	0.059872	0.101651	0.160161	0.059512	0.189227	0.303138	0.117607
115	Public administration															
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	Paddy				0.000263											
2	Wheat									0.000026						
3	Jowar															
4	Bajra															
5	Maize															
6	Gram															
7	Pulses						0.000072									
8	Sugarcane															
9	Groundnut															
10	Jute	0.000384			0.000123											
11	Cotton															
12	Tea															
13	Coffee															
14	Rubber											0.000277				
15	Coconut															
16	Tobacco															
17	Other crops															
18	Milk and milk products				0.000021											
19	Animal services(agricultural)															
20	Other livestock products					0.000030	0.000833			0.007726	0.000045			0.001030	0.000638	
21	Forestry and logging				0.000000	-0.000001	0.000000	0.000000		0.000000						
22	Fishing															
23	Coal and lignite						0.000001									
24	Crude petroleum, natural gas															
25	Iron ore															
26	Manganese ore															
27	Bauxite															
28	Copper ore															
29	Other metallic minerals															
30	Lime stone															0.000004
31	Mica															
32	Other non metallic minerals						0.000030									
33	Sugar															
34	Khandsari, boora															
35	Hydrogenated oil(vanaspati)															
36	Edible oils other than vanaspati															
37	Tea and coffee processing		0.000001													
38	Miscellaneous food products		0.000010													
39	Beverages															0.000201

MATRIX-4: PRODUCT MIX MATRIX -1998-99

Sec. Code	Industry	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Commodity																
40	Tobacco products															
41	Khadi, cotton textiles(handlooms)	0.000010	0.000046	0.000025	0.000111											
42	Cotton textiles	0.000174	0.017699	0.005828	0.005983			0.000000					0.000438			
43	Woolen textiles		0.015816		0.024622											
44	Silk textiles				0.002459											
45	Art silk, synthetic fiber textiles		0.000378	0.001157	0.022770								0.004799			
46	Jute, hemp, mesta textiles	0.895346		0.000187	0.003041											
47	Carpet weaving	0.001509	0.743394	0.000596	0.000008		0.000000									
48	Readymade garments	0.022450	0.014130	0.788315	0.159108								0.000569	0.001283		
49	Miscellaneous textile products	0.051315	0.003405	0.020264	0.664215	0.000703	0.000885	0.001068	0.001042	0.000175			0.011791			
50	Furniture and fixtures-wooden					0.797846	0.122750									
51	Wood and wood products			0.000704		0.046009	0.818994	0.008947	0.000303	0.000157	0.001001	0.000271				
52	Paper, paper prods. & newsprint						0.001334	0.948595	0.024810							
53	Printing and publishing			0.000817				0.004800	0.820699							
54	Leather footwear									0.725699	0.004854	0.000045				
55	Leather and leather products			0.000436						0.068147	0.884288	0.000169	0.000109			
56	Rubber products			0.002249						0.067960	0.000297	0.857617	0.009334			
57	Plastic products									0.000140	0.000354	0.004487	0.752609			
58	Petroleum products													0.920914	0.005243	
59	Coal tar products													0.018521	0.730503	
60	Inorganic heavy chemicals															0.857915
61	Organic heavy chemicals	0.000001										0.000161	0.002228	0.012842	0.002699	0.076254
62	Fertilizers															0.021469
63	Pesticides															
64	Paints, varnishes and lacquers									0.000000				0.000032		
65	Drugs and medicines									0.000010						0.000274
66	Soaps, cosmetics & glycerin															0.000447
67	Synthetic fibers, resin				0.004680							0.003517	0.008736	0.000487		
68	Other chemicals			0.001128								0.003675	0.010544	0.003390	0.189732	0.020749
69	Structural clay products												0.000000			
70	Cement															
71	Other non-metallic mineral prods.															
72	Iron, steel and ferro alloys															0.000001
73	Iron and steel casting & forging															0.000006
74	Iron and steel foundries															
75	Non-ferrous basic metals															
76	Hand tools, hardware															
77	Miscellaneous metal products															
78	Tractors and agri. implements															

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Commodity																
79	Industrial machinery(F & T)											0.000139				
80	Industrial machinery(others)															
81	Machine tools															0.000003
82	Office computing machines							0.000005								
83	Other non-electrical machinery															
84	Electrical industrial Machinery															
85	Electrical wires & cables															
86	Batteries															
87	Electrical appliances															
88	Communication equipments					0.000001										
89	Other electrical Machinery															
90	Electronic equipments(incl.TV)															
91	Ships and boats											0.000002				
92	Rail equipments			0.000003			0.000000									
93	Motor vehicles															
94	Motor cycles and scooters															
95	Bicycles, cycle-rickshaw															
96	Other transport equipments															
97	Watches and clocks					0.000068										
98	Miscellaneous manufacturing		0.000351	0.008505		0.001372	0.010709	0.001552	0.001431	0.000257	0.000297	0.002484	0.012101		0.000977	
99	Construction	0.000169		0.000133	0.000163	0.000032	0.000179	0.002234	0.000359	0.001299	0.001619	0.000552	0.082569	0.000180	0.000108	0.000529
100	Electricity															
101	Gas															
102	Water supply															
103	Railway transport services															
104	Other transport services															
105	Storage and warehousing															
106	Communication															
107	Trade	0.007107	0.003317	0.015207	0.029474	0.041538	0.010805	0.005503	0.019998	0.052695	0.023415	0.008449	0.045145		0.003830	0.002694
108	Hotels and restaurants															
109	Banking															
110	Insurance															
111	Ownership of dwellings															
112	Education and research															
113	Medical and health											0.000055				
114	Other services	0.021536	0.201804	0.167936	0.069118	0.112402	0.033406	0.027297	0.131357	0.083444	0.076139	0.105891	0.069910	0.043634	0.065878	0.018815
115	Public administration															
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
1	Paddy															
2	Wheat															
3	Jowar															
4	Bajra															
5	Maize															
6	Gram															
7	Pulses											0.000052				
8	Sugarcane															
9	Groundnut															
10	Jute															
11	Cotton															
12	Tea															
13	Coffee															
14	Rubber															
15	Coconut															
16	Tobacco															
17	Other crops														0.000002	
18	Milk and milk products				0.002520	0.001082	0.000357									
19	Animal services(agricultural)															
20	Other livestock products		0.000308		0.000910		0.001275									
21	Forestry and logging															
22	Fishing															
23	Coal and lignite											0.000008				
24	Crude petroleum, natural gas									0.000122						
25	Iron ore															
26	Manganese ore															
27	Bauxite															
28	Copper ore												0.000004			
29	Other metallic minerals													0.000002		
30	Lime stone								0.000002							
31	Mica															
32	Other non metallic minerals														0.000001	
33	Sugar															
34	Khandsari, boora															
35	Hydrogenated oil(vanaspati)															
36	Edible oils other than vanaspati								0.025610							
37	Tea and coffee processing															
38	Miscellaneous food products					0.002261		0.015970				0.000959				
39	Beverages	0.001841				0.000194		0.004484								

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	
40	Tobacco products																
41	Khadi, cotton textiles(handlooms)																
42	Cotton textiles											0.000478					
43	Woolen textiles																
44	Silk textiles																
45	Art silk, synthetic fiber textiles								0.100054								
46	Jute, hemp, mesta textiles																
47	Carpet weaving																
48	Readymade garments																
49	Miscellaneous textile products																
50	Furniture and fixtures-wooden																
51	Wood and wood products																
52	Paper, paper prods. & newsprint								0.028138								
53	Printing and publishing																
54	Leather footwear																
55	Leather and leather products									0.000010							
56	Rubber products											0.000582					
57	Plastic products				0.001264			0.018922	0.006277			0.001461					
58	Petroleum products				0.000066			0.000064	0.006494								
59	Coal tar products																
60	Inorganic heavy chemicals	0.057848	0.087471	0.007873	0.023727	0.009898	0.008241	0.123013	0.048217			0.010045				0.006656	
61	Organic heavy chemicals	0.841709	0.048636	0.163392	0.016899	0.020833	0.042608	0.040051	0.022529			0.000139					
62	Fertilizers	0.001420	0.778106	0.004820													
63	Pesticides		0.001210	0.794991	0.006287		0.000000										
64	Paints, varnishes and lacquers	0.023690			0.846085	0.001578	0.005856	0.000405	0.008302	0.000024							
65	Drugs and medicines	0.017129			0.002853	0.867265	0.001072		0.013214								
66	Soaps, cosmetics & glycerin	0.000974			0.001878	0.003361	0.841005		0.007405								
67	Synthetic fibers, resin		0.003307		0.001644			0.644950	0.004001								
68	Other chemicals	0.005453			0.024686	0.014935	0.027670	0.001964	0.743977								
69	Structural clay products									0.830712	0.000036	0.049510					
70	Cement										0.957747						
71	Other non-metallic mineral prods.									0.074996	0.000084	0.812443					
72	Iron, steel and ferro alloys												0.828418		0.000551		
73	Iron and steel casting & forging												0.006062	0.804637	0.009258		
74	Iron and steel foundries												0.022803	0.150429	0.898470		
75	Non-ferrous basic metals												0.018963	0.003190	0.001059	0.840257	
76	Hand tools, hardware												0.049648	0.066293	0.002596	0.001120	0.002956
77	Miscellaneous metal products												0.002065	0.008086	0.002636	0.057182	0.047403
78	Tractors and agri. implements									0.000006			0.000322	0.001064	0.000213		

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
79	Industrial machinery(F & T)												0.000054	0.000015	0.001284	
80	Industrial machinery(others)															
81	Machine tools											0.000050				
82	Office computing machines															
83	Other non-electrical machinery															
84	Electrical industrial Machinery															
85	Electrical wires & cables															
86	Batteries															
87	Electrical appliances				0.000003											
88	Communication equipments															
89	Other electrical Machinery															
90	Electronic equipments(incl.TV)								0.000001							
91	Ships and boats															
92	Rail equipments															
93	Motor vehicles															
94	Motor cycles and scooters															0.000021
95	Bicycles, cycle-rickshaw															
96	Other transport equipments															
97	Watches and clocks									0.000012						
98	Miscellaneous manufacturing	0.006464			0.001267		0.012350	0.002195	0.001098			0.000768			0.000179	0.009580
99	Construction	0.001081	0.000485	0.000234	0.001459	0.001086	0.000423	0.000519	0.001217	0.003396	0.003563	0.001677	0.008222	0.002924	0.000472	0.001105
100	Electricity															
101	Gas															
102	Water supply															
103	Railway transport services															
104	Other transport services															
105	Storage and warehousing															
106	Communication															
107	Trade	0.006522	0.026431	0.010480	0.030809	0.033332	0.013929	0.007782	0.009389	0.022323	0.004443	0.014444	0.016246	0.004173	0.006009	0.009997
108	Hotels and restaurants															
109	Banking															
110	Insurance															
111	Ownership of dwellings															
112	Education and research															
113	Medical and health															
114	Other services	0.035869	0.054045	0.018210	0.037643	0.044176	0.045214	0.060081	0.053623	0.068399	0.034128	0.055671	0.024582	0.028294	0.025472	0.080739
115	Public administration															
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
Commodity																
1	Paddy															
2	Wheat															
3	Jowar															
4	Bajra															
5	Maize															
6	Gram															
7	Pulses															
8	Sugarcane															
9	Groundnut															
10	Jute															
11	Cotton															
12	Tea															
13	Coffee															
14	Rubber															
15	Coconut															
16	Tobacco															
17	Other crops															
18	Milk and milk products											0.000687				
19	Animal services(agricultural)															
20	Other livestock products								0.000036							
21	Forestry and logging															
22	Fishing															
23	Coal and lignite															
24	Crude petroleum, natural gas															
25	Iron ore	0.000002				0.000012										
26	Manganese ore															
27	Bauxite															
28	Copper ore															
29	Other metallic minerals															
30	Lime stone															
31	Mica															
32	Other non metallic minerals					0.000010										
33	Sugar															
34	Khandsari, boora															
35	Hydrogenated oil(vanaspati)															
36	Edible oils other than vanaspati															
37	Tea and coffee processing															
38	Miscellaneous food products															
39	Beverages									0.000000						



**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
Commodity																
40	Tobacco products															
41	Khadi, cotton textiles(handlooms)															
42	Cotton textiles															
43	Woolen textiles															
44	Silk textiles															
45	Art silk, synthetic fiber textiles															
46	Jute, hemp, mesta textiles															
47	Carpet weaving															
48	Readymade garments															
49	Miscellaneous textile products															
50	Furniture and fixtures-wooden		0.000761													
51	Wood and wood products	0.000970									0.000001					
52	Paper, paper prods. & newsprint															
53	Printing and publishing															
54	Leather footwear															
55	Leather and leather products															
56	Rubber products															
57	Plastic products		0.001187						0.000992	0.002120	0.001103					
58	Petroleum products															
59	Coal tar products															
60	Inorganic heavy chemicals															
61	Organic heavy chemicals															
62	Fertilizers															
63	Pesticides															
64	Paints, varnishes and lacquers									0.000000						
65	Drugs and medicines															
66	Soaps, cosmetics & glycerin															
67	Synthetic fibers, resin									0.000001						
68	Other chemicals															
69	Structural clay products															
70	Cement															
71	Other non-metallic mineral prods.															
72	Iron, steel and ferro alloys															
73	Iron and steel casting & forging		0.042543		0.029872											
74	Iron and steel foundries	0.066218	0.031892		0.009027	0.051041	0.002972		0.009472				0.002899		0.000005	
75	Non-ferrous basic metals	0.001666	0.025060	0.000585	0.002129	0.009458	0.000566									
76	Hand tools, hardware	0.607220	0.006583	0.016754		0.001559	0.000065		0.002194	0.001539			0.005665			
77	Miscellaneous metal products	0.029024	0.837169	0.021340	0.010862	0.040952	0.001589		0.009542	0.010834						
78	Tractors and agri. implements	0.062335	0.000672	0.807542	0.017201	0.053400	0.001788		0.012001	0.000416						

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry Commodity	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
79	Industrial machinery(F & T)		0.000190	0.002757	0.833793	0.006495	0.000157		0.000550	0.000067						
80	Industrial machinery(others)				0.001155	0.631867	0.031666		0.000888	0.000039						
81	Machine tools				0.000538	0.014682	0.867904		0.004062	0.003079						
82	Office computing machines	0.000325	0.000206					0.768805	0.000121							0.000796
83	Other non-electrical machinery			0.037461	0.035935	0.073538	0.028665	0.005230	0.798509	0.040875			0.014791	0.002166	0.001711	
84	Electrical industrial Machinery				0.001140	0.000841	0.000059		0.001396	0.763814	0.000100	0.005980	0.003382	0.008851	0.002649	0.009804
85	Electrical wires & cables										0.923616			0.000197	0.000018	
86	Batteries											0.906119				
87	Electrical appliances							0.000266		0.017490	0.000074		0.819962	0.016165	0.022451	0.001206
88	Communication equipments		0.000000	0.000001						0.006686				0.742156		0.061381
89	Other electrical Machinery									0.046991			0.086281	0.016526	0.943323	0.017717
90	Electronic equipments(incl.TV)							0.000139		0.007468		0.000025	0.000043	0.055055	0.000164	0.771522
91	Ships and boats															
92	Rail equipments															
93	Motor vehicles															
94	Motor cycles and scooters		0.000688						0.000030							
95	Bicycles, cycle-rickshaw														0.000074	
96	Other transport equipments	0.000073	0.000010	0.000019												
97	Watches and clocks															
98	Miscellaneous manufacturing	0.002415	0.001983			0.009635	0.000713	0.001030	0.001484	0.002417		0.000220	0.002299	0.009970	0.002620	0.007988
99	Construction	0.000218	0.001995	0.000316	0.000303	0.000516	0.000574		0.000469	0.001840	0.000419	0.001836	0.000686	0.000690	0.000102	0.000350
100	Electricity															
101	Gas															
102	Water supply							0.000021								
103	Railway transport services															
104	Other transport services															
105	Storage and warehousing															
106	Communication															0.000025
107	Trade	0.005638	0.007015	0.013656	0.008612	0.000615	0.003042	0.071117	0.030936	0.022156	0.017642	0.008573	0.007309		0.000657	0.006018
108	Hotels and restaurants															
109	Banking															
110	Insurance															
111	Ownership of dwellings															
112	Education and research															
113	Medical and health															
114	Other services	0.223896	0.042036	0.099556	0.049432	0.105402	0.060221	0.153679	0.127050	0.072168	0.057046	0.076558	0.056683	0.148223	0.026227	0.123193
115	Public administration															
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry Commodity	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
1	Paddy															
2	Wheat															
3	Jowar															
4	Bajra															
5	Maize															
6	Gram															
7	Pulses															
8	Sugarcane															
9	Groundnut															
10	Jute															
11	Cotton															
12	Tea															
13	Coffee															
14	Rubber															
15	Coconut															
16	Tobacco															
17	Other crops															
18	Milk and milk products		0.002413													
19	Animal services(agricultural)															
20	Other livestock products							0.001751								
21	Forestry and logging															
22	Fishing															
23	Coal and lignite															
24	Crude petroleum, natural gas															
25	Iron ore															
26	Manganese ore															
27	Bauxite															
28	Copper ore															
29	Other metallic minerals															
30	Lime stone									0.000000						
31	Mica															
32	Other non metallic minerals															
33	Sugar															
34	Khandsari, boora															
35	Hydrogenated oil(vanaspati)															
36	Edible oils other than vanaspati															
37	Tea and coffee processing															
38	Miscellaneous food products							0.001555								
39	Beverages							0.000451								

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
Commodity																
40	Tobacco products															
41	Khadi, cotton textiles(handlooms)															
42	Cotton textiles							0.000276								
43	Woolen textiles															
44	Silk textiles															
45	Art silk, synthetic fiber textiles															
46	Jute, hemp, mesta textiles															
47	Carpet weaving							0.000001								
48	Readymade garments							0.001203								
49	Miscellaneous textile products							0.000677								
50	Furniture and fixtures-wooden							0.000336								
51	Wood and wood products						0.006448	0.000382				0.000007				
52	Paper, paper prods. & newsprint							0.001526								
53	Printing and publishing							0.000792								
54	Leather footwear							0.000044								
55	Leather and leather products							0.000148				0.000002				
56	Rubber products		0.003676	0.000260	0.004308	0.000852		0.000272								
57	Plastic products							0.007966								
58	Petroleum products							0.000458								
59	Coal tar products							0.000117								
60	Inorganic heavy chemicals							0.001267								
61	Organic heavy chemicals															
62	Fertilizers															
63	Pesticides															
64	Paints, varnishes and lacquers							0.001995								
65	Drugs and medicines															
66	Soaps, cosmetics & glycerin							0.000630								
67	Synthetic fibers, resin															
68	Other chemicals							0.002164								
69	Structural clay products															
70	Cement															
71	Other non-metallic mineral prods.															
72	Iron, steel and ferro alloys															
73	Iron and steel casting & forging															
74	Iron and steel foundries	0.011359	0.011734	0.014352	0.028316	0.049589		0.000526								
75	Non-ferrous basic metals							0.000409								
76	Hand tools, hardware			0.003998	0.001658	0.001105		0.001063				0.000000				
77	Miscellaneous metal products		0.019407	0.022384	0.005208	0.013880		0.006501								
78	Tractors and agri. implements															

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
79	Industrial machinery(F & T)															
80	Industrial machinery(others)															
81	Machine tools												0.000001			
82	Office computing machines							0.000120								
83	Other non-electrical machinery	0.002577	0.007096	0.006564	0.003583	0.000034	0.055843	0.000863								
84	Electrical industrial Machinery							0.000124								
85	Electrical wires & cables															
86	Batteries							0.000063								
87	Electrical appliances							0.000217								
88	Communication equipments															
89	Other electrical Machinery			0.004669	0.027408		0.030969	0.004770								
90	Electronic equipments(incl.TV)							0.000056								
91	Ships and boats	0.852471														
92	Rail equipments		0.789146													
93	Motor vehicles			0.864270	0.000182		0.014133	0.000166								
94	Motor cycles and scooters			0.001234	0.769030	0.000345	0.019117									
95	Bicycles, cycle-rickshaw	0.000005		0.000824	0.002740	0.811533		0.000000								
96	Other transport equipments			0.000102			0.685043									
97	Watches and clocks							0.659781	0.000113							
98	Miscellaneous manufacturing			0.000726				0.923447				0.000011				
99	Construction		0.000103	0.007431	0.000836	0.000355	0.000200	0.000255	0.000243	1.000000						
100	Electricity										1.000000					
101	Gas											0.999987				
102	Water supply												0.999992			
103	Railway transport services													1.000000		
104	Other transport services														1.000000	
105	Storage and warehousing															1.000000
106	Communication															
107	Trade	0.012491		0.028432	0.011134	0.021125	0.022148	0.034857	0.014978							
108	Hotels and restaurants															
109	Banking															
110	Insurance															
111	Ownership of dwellings															
112	Education and research															
113	Medical and health															
114	Other services	0.132456	0.192295	0.048518	0.144092	0.127118	0.100674	0.305108	0.022331							
115	Public administration															
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	106	107	108	109	110	111	112	113	114	115
1	Paddy										
2	Wheat										
3	Jowar										
4	Bajra										
5	Maize										
6	Gram										
7	Pulses										
8	Sugarcane										
9	Groundnut										
10	Jute										
11	Cotton										
12	Tea										
13	Coffee										
14	Rubber										
15	Coconut										
16	Tobacco										
17	Other crops										
18	Milk and milk products										
19	Animal services(agricultural)										
20	Other livestock products										
21	Forestry and logging										
22	Fishing										
23	Coal and lignite										
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										
32	Other non metallic minerals										
33	Sugar										
34	Khandsari, boora										
35	Hydrogenated oil(vanaspati)										
36	Edible oils other than vanaspati										
37	Tea and coffee processing										
38	Miscellaneous food products										
39	Beverages										

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	106	107	108	109	110	111	112	113	114	115
Commodity											
40	Tobacco products										
41	Khadi, cotton textiles(handlooms)										
42	Cotton textiles										
43	Woolen textiles										
44	Silk textiles										
45	Art silk, synthetic fiber textiles										
46	Jute, hemp, mesta textiles										
47	Carpet weaving										
48	Readymade garments										
49	Miscellaneous textile products										
50	Furniture and fixtures-wooden										
51	Wood and wood products										
52	Paper, paper prods. & newsprint										
53	Printing and publishing										
54	Leather footwear										
55	Leather and leather products										
56	Rubber products										
57	Plastic products										
58	Petroleum products										
59	Coal tar products										
60	Inorganic heavy chemicals										
61	Organic heavy chemicals										
62	Fertilizers										
63	Pesticides										
64	Paints, varnishes and lacquers										
65	Drugs and medicines										
66	Soaps, cosmetics & glycerin										
67	Synthetic fibers, resin										
68	Other chemicals									0.000007	
69	Structural clay products										
70	Cement										
71	Other non-metallic mineral prods.										
72	Iron, steel and ferro alloys										
73	Iron and steel casting & forging										
74	Iron and steel foundries										
75	Non-ferrous basic metals										
76	Hand tools, hardware										
77	Miscellaneous metal products										
78	Tractors and agri. implements										

**MATRIX-4: PRODUCT MIX MATRIX -1998-99**

Sec. Code	Industry	106	107	108	109	110	111	112	113	114	115
79	Industrial machinery(F & T)										
80	Industrial machinery(others)										
81	Machine tools										
82	Office computing machines										
83	Other non-electrical machinery										
84	Electrical industrial Machinery										
85	Electrical wires & cables										
86	Batteries										
87	Electrical appliances										
88	Communication equipments										
89	Other electrical Machinery										
90	Electronic equipments(incl.TV)										
91	Ships and boats										
92	Rail equipments										
93	Motor vehicles										
94	Motor cycles and scooters										
95	Bicycles, cycle-rickshaw										
96	Other transport equipments										
97	Watches and clocks										
98	Miscellaneous manufacturing										
99	Construction										
100	Electricity										
101	Gas										
102	Water supply										
103	Railway transport services										
104	Other transport services										
105	Storage and warehousing										
106	Communication	1.000000									
107	Trade		1.000000								
108	Hotels and restaurants			1.000000							
109	Banking				1.000000						
110	Insurance					1.000000					
111	Ownership of dwellings						1.000000				
112	Education and research							1.000000			
113	Medical and health								1.000000		
114	Other services									0.999993	
115	Public administration										1.000000
	TOTAL	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000