

APPENDICES

APPENDIX: A-1

GROUP AND COUNTRY WISE AVERAGE PERCENT SHARE OF INDIAN EXPORTS

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I	OECD	50.64	57.91	50.40	52.75	51.89
A	EU	21.21	27.07	23.39	24.54	23.18
	Belgium	2.82	3.70	3.21	3.36	3.14
	France	2.02	2.35	2.13	2.20	2.13
	Germany	5.46	6.92	4.35	5.15	5.28
	Italy	2.31	3.15	2.84	2.94	2.68
	Nether.L	1.78	2.25	2.18	2.20	2.03
	U.K	5.57	6.37	5.17	5.54	5.55
B	N.America	16.26	18.96	20.45	19.98	18.47
	Canada	0.97	1.02	1.23	1.16	1.09
	U.S.A	15.29	17.95	19.14	18.77	17.35
C	Asia & Oceania	11.00	9.26	4.96	6.31	8.22
	Australia	1.19	1.19	0.98	1.05	1.11
	Japan	9.64	7.90	3.80	5.08	6.94
D	Switzerland	1.21	3.80	0.79	0.86	1.01
II	O.P.E.C	7.97	9.58	12.83	11.81	10.25
	Indonesia	0.26	1.15	1.31	1.26	0.85
	Iran	0.96	0.62	0.98	0.87	0.89
	Iraq	0.44	0.01	0.11	0.08	0.23
	Kuwait	0.98	0.46	0.48	0.47	0.68
	S.Arabia	1.98	1.93	1.89	1.90	1.98
	U.A.E	2.31	4.61	6.64	6.00	4.50
III	Eastern Europe	19.78	5.61	2.84	3.71	10.26
	Romania	0.67	0.07	0.06	0.07	0.31
	Russia	16.2	4.34	1.66	2.50	8.08
IV	Developing Co	15.22	24.88	32.96	30.44	24.24
A	ASIA	12.00	20.47	26.27	24.46	19.38
i	S.A.A.R.C	3.03	4.30	4.97	4.76	4.05
	Bangladesh	1.45	2.28	2.16	2.20	2.05
	Bhutan	0.01	0.03	0.06	0.05	0.04
	Maldives	0.03	0.04	0.05	0.05	0.04
	Nepal	0.43	0.44	0.61	0.56	0.53
	Pakistan	0.18	0.25	0.49	0.42	0.37
	Sri.lanka	0.61	1.25	1.60	1.49	1.32

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GROUP AND COUNTRY WISE AVERAGE PERCENT SHARE OF INDIAN EXPORTS

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii	Asian Developing Countries	11.96	16.16	20.59	19.21	16.26
	China	0.25	0.86	3.53	2.70	2.21
	Hongkong	3.35	4.94	5.22	5.13	4.77
	S.Korea	0.66	1.12	1.32	1.26	1.02
	Malaysia	1.78	2.9	3.06	3.01	2.77
	Singapore	0.99	1.42	1.19	1.26	1.21
	Thailand	0.95	1.18	1.33	1.28	1.22
B	Africa	2.87	3.32	5.06	4.51	3.85
	Benin	0.07	0.04	0.09	0.07	0.07
	Egypt	0.49	0.52	0.68	0.63	0.60
	Kenya	0.24	0.42	0.47	0.45	0.41
	Sudan	0.11	0.08	0.22	0.18	0.61
	Tanzania	0.15	0.29	0.21	0.23	0.22
	Zambia	0.10	0.13	0.07	0.09	0.09
C	Latin American Countries	0.34	1.10	2.27	1.91	1.27

Calculated from the data: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-2

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN EXPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006- 07			1980-81 to 2006-07
			1991-92 to 1995-96	1996- 97 to 2006- 07	Overall	
I	OECD	8.80	1.83	7.55	7.37	8.64
A	EU	15.36	3.79	6.99	7.72	11.47
	Belgium	22.26	5.08	9.28	9.17	15.70
	France	14.19	7.62	8.31	9.51	11.86
	Germany	17.19	5.79	8.20	8.85	13.40
	Italy	20.44	11.36	12.72	13.35	16.66
	Nether.L	30.94	7.65	12.09	12.00	21.19
	U.K	16.89	1.35	9.45	9.06	12.73
B	N. America	12.27	6.66	8.84	9.49	11.63
	Canada	18.77	3.72	9.79	8.63	15.11
	U.S.A	12.05	7.15	9.37	9.98	11.73
C	Asia & Oceania	8.75	7.51	11.84	11.55	11.46
	Australia	22.24	8.26	6.36	8.82	16.44
	Japan	8.03	9.27	12.97	12.83	12.40
D	Switzerland	134.43	5.31	13.35	11.68	71.01
II	O.P.E.C	19.06	14.24	8.83	10.81	20.15
	Indonesia	422.39	40.29	44.92	46.40	191.35
	Iran	69.23	17.54	162.37	121.06	101.77
	Iraq	87.93	483.09	1180.61	977.03	651.95
	Kuwait	44.92	40.46	11.08	22.92	36.58
	S.Arabia	17.17	20.94	10.91	14.00	20.15
	U.A.E	17.57	13.33	11.99	12.57	20.26
III	Eastern Europe	21.08	51.14	19.53	30.89	27.81
	Romania	63.65	90.75	52.44	66.95	74.74
	Russia	26.77	59.14	18.02	32.39	31.78
IV	Developing Co	20.59	8.02	10.52	11.38	16.80
A	ASIA	21.36	9.86	18.92	17.22	19.64
i	S.A.A.R.C	18.41	5.12	17.50	17.28	18.78
	Bangladesh	17.30	12.72	27.51	28.76	28.34
	Bhutan	40.84	75.06	188.46	161.94	138.19
	Maldives	24.66	29.51	44.80	44.93	42.19
	Nepal	23.94	12.10	27.16	23.22	29.68
	Pakistan	14.09	25.51	41.17	40.22	36.78
	Sri.lanka	69.16	14.64	14.63	15.02	29.50

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APPENDIX : A-2

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN EXPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii	Asian Developing Countries	21.28	12.63	13.86	13.98	18.61
	China	269.39	63.72	34.25	45.96	92.82
	Hongkong	25.3	15.61	9.63	16.03	18.35
	S.Korea	8.28	26.53	27.83	26.55	25.73
	Malaysia	6.16	12.96	21.12	20.34	22.59
	Singapore	10.39	21.96	29.24	26.72	24.28
	Thailand	23.99	13.26	16.81	17.74	24.85
B	Africa	18.50	15.52	14.94	18.44	21.15
	Benin	21.86	32.22	35.33	34.91	32.08
	Egypt	18.07	22.24	30.35	27.92	25.99
	Kenya	27.24	18.34	36.90	40.11	37.57
	Sudan	61.27	30.03	38.40	36.44	40.64
	Tanzania	4.84	24.77	97.03	78.27	73.28
	Zambia	98.36	12.82	25.22	22.02	47.46
C	Latin American Countries	71.11	20.36	22.88	21.98	45.92
	Total Exports	10.44	3.88	7.56	7.29	8.96

Calculated by Coppock's method.

Source: *Hand book of Statistics on Indian economy* (RBI) 2008-09.

APPENDIX: A-3

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN EXPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I.	OECD	7.05	4.88	4.57	4.62	6.01
A.	EU	11.23	5.12	4.21	4.57	8.01
	Belgium	20.83	3.29	7.69	6.67	14.22
	France	11.52	7.70	8.08	8.01	9.50
	Germany	15.82	7.20	7.09	7.06	12.01
	Italy	17.18	15.13	9.64	11.63	13.95
	Netherland	28.24	4.71	11.10	9.79	18.57
	U.K	10.87	3.61	6.53	5.82	8.21
B.	N. America	14.88	9.48	8.41	9.33	11.90
	Canada	17.89	1.83	10.82	9.29	13.75
	U.S.A	14.92	10.00	8.28	9.43	11.95
C.	Asia & Oceania	37.17	6.73	6.78	76.10	63.47
	Australia	17.12	12.36	7.39	9.11	13.06
	Japan	8.65	7.57	7.80	7.74	9.49
D.	Switzerland	146.32	24.92	23.15	12.23	76.21
II.	O.P.E.C	12.16	10.90	5.74	7.49	14.41
	Indonesia	448.76	35.90	41.99	41.67	197.57
	Iran	64.78	14.76	165.78	123.66	100.84
	Iraq	78.91	573.57	1254.61	964.48	650.84
	Kuwait	44.23	43.55	8.23	22.35	34.81
	S.Arabia	15.9	18.27	10.61	36.31	16.28
	U.A.E	13.09	10.75	8.80	9.67	15.41
III.	Eastern Europe	17.10	48.18	15.23	28.46	26.19
	Romania	63.28	84.01	48.81	61.58	73.65
	Russia	22.36	57.3	19.52	32.86	31.67
IV.	Developing Co	19.51	4.83	4.50	5.26	13.13
A.	ASIA	20.96	6.56	14.87	12.81	16.45
i.	i. S.A.A.R.C	12.16	5.71	16.46	14.89	14.16
	Bangladesh	10.62	12.83	28.84	27.56	25.39
	Bhutan	40.56	70.34	198.65	162.65	142.18
	Maldives	26.60	34.41	40.95	41.93	40.10
	Nepal	29.39	8.87	29.81	24.35	30.88
	Pakistan	15.27	22.34	32.07	34.00	31.06
	Sri.lanka	79.62	17.08	12.51	13.80	30.48

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APPENDIX: A-3

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN EXPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii.	Asian Developing Countries	20.05	9.39	9.24	9.27	15.04
	China	274.43	62.4	29.03	42.06	90.48
	Hongkong	26.55	13.47	10.55	13.68	16.00
	S.Korea	10.39	26.80	24.50	24.32	22.42
	Malaysia	12.73	9.29	20.44	19.13	19.91
	Singapore	13.33	21.46	24.14	22.55	20.62
	Thailand	21.64	11.91	16.73	15.86	22.03
B.	Africa	15.12	15.05	13.06	15.24	17.37
	Benin	29.17	28.70	35.94	35.93	34.47
	Egypt	15.56	21.65	32.95	29.09	26.90
	Kenya	20.85	19.37	32.07	34.85	32.47
	Sudan	72.53	27.82	38.15	35.67	43.63
	Tanzania	10.12	26.02	101.43	80.57	73.29
	Zambia	95.31	10.96	22.37	19.50	43.13
C.	Latin American Countries	68.53	23.77	17.47	18.99	42.87

Calculated by Coppock's method.

Source: *Hand Book of Statistics on Indian Economy* (RBI) 2008-09.

APPENDIX: A-4

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN EXPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I	OECD	20.22*	23.22*	13.12*	14.32*	19.25*
A	EU	20.95*	24.0*	13.78*	14.51*	20.06*
	Belgium	25.76*	23.35*	1.72*	14.50*	20.80*
	France	19.28*	22.48*	14.09*	15.01*	19.64*
	Germany	22.27*	19.47*	10.02*	10.15*	17.73*
	Italy	22.54*	23.73*	15.20**	15.38*	21.06*
	Nether.L	17.94*	28.17*	15.18**	16.13	20.65*
	U.K	18.17*	24.11*	13.19*	13.71**	18.66*
B	N.America	21.31*	25.90*	13.68*	16.57*	20.95*
	Canada	17.69*	22.00*	13.60**	17.46	20.65*
	U.S.A	21.56*	26.12*	13.59*	16.45*	20.94*
C	Asia & Oceania	17.31*	19.00*	7.34*	7.71*	13.45*
	Australia	14.27*	26.71*	11.47*	13.33	17.48*
	Japan	17.85*	17.62*	5.45*	6.00*	12.43*
D	Switzerland	16.34*	15.15*	7.18**	10.76	16.32*
II	O.P.E.C	7.82*	26.55*	23.82	21.77*	22.21*
	Indonesia	36.60*	55.28*	22.33**	20.89	35.09*
	Iran	0.63	15.84	23.61	20.98*	18.22*
	Iraq	-2.22	-20.21	22.89	30.27	1.00
	Kuwait	0.52	32.38*	17.48**	18.03*	14.46*
	S.Arabia	9.00*	14.93**	16.08	16.30*	18.45*
	U.A.E	15.87*	27.79*	26	23.23*	26.69*
III	Eastern Europe	12.86*	2.01	9.28	8.13**	6.53*
	Romania	0.56	37.48**	30.45	19.31*	4.94*
	Russia	13.06*	0.76	0.59	2.40*	3.59*
IV	Developing Co	16.47*	35.97*	21.45*	21.42**	24.73*
A	ASIA	18.95*	34.38*	21.54**	21.04**	24.96*
i	S.A.A.R.C	15.53*	38.10*	18.97*	19.37*	22.64*
	Bangladesh	46.26*	43.85*	11.60*	15.15**	20.54*
	Bhutan	45.55	115.7*	31.66	28.43	34.99*
	Maldives	49.96**	45.51*	29.92	22.16	24.75*
	Nepal	-5.38	30.42*	27.47	22.93**	23.45*
	Pakistan	55.69	23.50**	27.13	26.05	28.60*

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APPENDIX: A-4

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN EXPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii	Sri.lanka	22.99**	31.73*	21.63**	20.09**	26.53
	Asian Developing Countries	12.41*	33.35*	21.82**	21.05*	22.94*
	China	4.55	67.19*	39.02	39.13	45.52*
	Hongkong	31.20*	42.62*	12.32*	16.50	21.27
	S.Korea	32.44**	29.61*	20.59	19.34	21.93*
	Malaysia	17.00*	27.51*	15.06**	17.90	23.69*
	Singapore	36.50**	30.23*	29.17	20.77	23.88*
	Thailand	74.40*	33.60*	17.01*	15.49*	20.20*
	Africa	5.86*	43.19*	20.90*	22.96*	22.87*
	Benin	22.46	6.51	23.74	26.1	23.94*
	Egypt	33.74*	23.95*	15.86	18.95	21.38*
	Kenya	24.09	64.62*	23.94**	21.44	24.75*
	Sudan	15.62	23.88*	31.04	31.3	28.20
	Tanzania	33.21	18.41	6.69	9.38	17.01*
	Zambia	93.31*	12.79	16.19	10.15*	15.15*
	Latin American Countries	24.12*	42.60*	24.70**	27.15	34.30*
	Total Exports	16.14*	24.55*	17.01**	16.98	19.27*

(*): Significant at the 1% level, (**): Significant at the 5% level.

Source: *Hand Book of Statistics on Indian Economy* (RBI) 2008-09.

APPENDIX: A-5

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN EXPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I	OECD	3.52*	-1.07	-3.32**	-2.27*	-0.02
A	EU	4.14*	-0.40	-2.77**	-2.11*	0.67**
	Belgium	8.29*	-0.97	-2.82	-2.12*	1.28**
	France	2.70*	-1.66	-2.50	-1.68*	0.31
	Germany	5.28*	-4.08**	-5.98	-5.84*	-1.29**
	Italy	5.51*	-0.65	-1.55	-1.36*	1.50*
	Nether.L	1.55	2.91	-1.57	-0.72	1.16*
	U.K	1.75*	-0.35	-3.27**	-2.79*	-0.51**
B	N.America	4.45*	1.10	-2.85	-0.34*	1.41*
	Canada	1.33	-2.04	-2.92	0.41	1.15*
	U.S.A	4.67*	1.26	-2.93	-0.45*	1.40*
C	Asia & Oceania	1.01	-4.40*	-8.27**	-7.92*	-4.88*
	Australia	-1.61	1.74	-4.74**	-3.11	-1.50*
	Japan	1.48	-5.56*	-9.88*	-9.39*	-5.74*
D	Switzerland	0.17	-7.55	-8.40	-5.31	-2.47**
II	O.P.E.C	-7.16*	1.72	5.44**	4.10*	2.54*
	Indonesia	17.52**	24.67**	4.54	3.35	13.26*
	Iran	-13.36*	-6.99	5.63	3.42*	-0.88
	Iraq	-15.81	-35.94	5.03	11.37	-15.32*
	Kuwait	-13.45*	6.29	0.40	0.90*	-4.04*
	S.Arabia	-6.14*	-7.72**	-0.80**	-0.57*	-0.68**
	U.A.E	-0.23	2.60	7.68*	5.35*	6.22*
III	Eastern Europe	-2.82	-18.10*	-6.61**	-7.56*	-10.68*
	Romania	-13.41*	10.38	11.48	2.00*	-12.01*
	Russia	-2.65	-19.10**	-14.03	-12.46*	-13.15*
IV	Developing Co	0.29	9.17*	3.79*	3.80*	4.58*
A	ASIA	2.42**	7.89**	3.87	3.48	4.77*
i	S.A.A.R.C	-0.52	10.88*	1.67**	2.05**	2.82*
	Bangladesh	13.84	15.50**	-4.63*	-1.56	1.22
	Bhutan	13.29	73.19	12.51	9.79	13.36*
	Maldives	16.72	16.83	11.03	4.43	4.76*
	Nepal	-21.35*	4.71	8.94	5.09*	3.67*
	Pakistan	21.18**	-0.85	8.65	7.76	7.99*
	Sri.lanka	-4.27	5.76	3.95	3.43	6.26*

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APPENDIX: A-5

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN EXPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii	Asian Developing Countries	-3.21*	7.06**	4.11	3.48*	3.07*
	China	-18.63	34.24*	18.80	18.94**	22.20*
	Hongkong	2.12	14.51*	-4.01*	-0.40	1.84**
	S.Korea	3.09	4.07	3.06	2.02	2.39*
	Malaysia	0.74	2.38	-1.67	0.79	3.70*
	Singapore	6.25	4.56	10.39	3.24	4.03*
	Thailand	35.75*	7.26	0.01	-1.27*	0.94
B	Africa	-8.85*	14.97*	3.32*	5.12*	3.02*
	Benin	-4.69	-14.48**	5.75**	7.80	4.08*
	Egypt	4.10	-0.48	-0.98	1.69	1.93**
	Kenya	-3.41	32.17*	5.92**	3.82	4.76*
	Sudan	-10.0	-0.54	11.98	12.25**	7.66*
	Tanzania	3.68	-4.93	-8.83	-6.49	-1.74
	Zambia	50.48*	-9.33	-0.71	-5.83*	-3.30**
C	Latin American Countries	6.87**	14.49*	6.57	8.70	12.60*

(*): Significant at the 1% level, (**): Significant at the 5% level.

Source: *Hand Book of Statistics on Indian Economy* (RBI) 2008-09.

APPENDIX: A-6

GROUP AND COMMODITY WISE AVERAGE PERCENT SHARE OF INDIAN EXPORTS

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Primary products	30.89	21.75	17.87	19.08	23.89
A	Agriculture & allied	25.61	17.63	14.03	15.95	19.41
1	Tea	4.66	1.67	0.83	1.10	2.55
2	Coffee	1.90	0.98	0.68	0.78	1.23
3	Rice	2.29	2.23	2.07	2.12	2.19
4	Wheat	0.03	0.14	0.31	0.26	0.17
5	Cotton raw	1.20	0.47	0.40	0.42	0.74
6	Tobacco	1.38	0.63	0.47	0.52	0.87
7	Cashew	1.80	1.42	0.89	1.06	1.36
8	Spices	1.54	0.78	0.79	0.78	1.09
9	Oil meals	0.88	2.54	1.34	1.71	1.37
10	Fruits & Vegetables	1.23	0.60	0.47	0.51	0.80
11	Processed fruits,juice etc	0.31	0.51	0.52	0.52	0.43
12	Marine products	3.43	3.53	2.60	2.89	3.11
13	Sugar & Mollases	0.44	0.36	0.37	0.37	0.40
14	Meat & meat Prep.	1.08	0.51	0.58	0.56	0.77
B	Ores & Minerals	5.28	4.13	3.84	3.93	4.48
1	Iron ore	4.05	2.09	1.87	1.94	2.80
2	Mica	0.21	0.04	0.02	0.03	0.10
II	Manufacture Goods	61.71	75.13	74.86	74.95	69.55
A	Leather & manuf. L	6.29	6.29	3.85	4.61	5.30
B	Chemicals	5.50	10.75	13.45	12.61	9.71
1	Basic chemicals	3.40	6.75	8.42	7.90	6.06
2	Palistic,linoleum prducts	0.34	1.32	2.22	1.94	1.29
3	Rubber,glass,paints.	1.03	2.15	2.08	2.10	1.66
4	Residual chemicals	0.72	0.53	0.74	0.67	0.69
C	Engineering Goods	10.25	13.36	17.32	16.08	13.71
1	Iron and Steel	0.62	1.86	2.99	2.63	1.81
2	Manufacture of metals	2.13	2.80	3.53	3.30	2.83
3	Machinery & instruments	3.30	2.88	3.97	3.63	3.49
4	Transport equipments	1.98	2.83	2.88	2.87	2.50
5	Electronic goods	1.49	1.53	2.23	2.01	1.80

Continue...

APPENDIX: A-6

GROUP AND COMMODITY WISE AVERAGE PERCENT SHARE OF INDIAN EXPORTS

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
D	Textile, textile products	21.03	26.04	21.96	23.24	22.34
1	Cotton yarn, fabrics, etc.	4.55	7.61	6.65	6.95	5.97
2	Natural silk yarn, fabric,	0.30	0.61	0.54	0.56	0.45
3	Manmade yarn, fabric, etc	0.83	2.10	2.26	2.21	1.65
4	Manmade staple fiber	0.00	0.07	0.09	0.08	0.05
5	Woolen yarn, fabric, etc	0.03	0.21	0.15	0.17	0.11
6	Ready-made garments	9.74	12.17	10.55	11.06	10.52
7	Jute & jute manufactures	2.21	0.65	0.36	0.45	1.17
8	Coir & coir manufactures	0.06	0.18	0.15	0.16	0.12
9	Carpets	3.33	2.43	1.22	1.60	2.30
i	Carpet handmade	0.69	1.93	0.98	1.28	1.04
ii	Carpet mill-made	0.17	0.45	0.18	0.27	0.23
iii	Silk carpet	0.00	0.05	0.06	0.06	0.03
E	Gems & jewellery	14.03	13.48	16.26	15.39	14.83
F	Handicrafts	3.96	1.42	1.17	1.25	2.35
III	Petroleum products	6.42	1.94	5.16	4.15	5.08

Calculated from the data *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-7

**GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN EXPORTS
(ABSOLUTE VALUE)**

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall*	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Primary products	9.60	15.25	10.60	12.65	11.80
A	Agriculture & allied	10.91	16.14	8.32	12.91	12.44
1	Tea	23.15	16.47	23.34	21.59	22.06
2	Coffee	23.96	20.78	19.51	26.56	26.05
3	Rice	42.34	69.38	48.52	60.41	53.51
4	Wheat	732.75	3959.91	2382.67	1601.96	1352.94
5	Cotton raw	222.27	184.86	317.96	298.30	265.88
6	Tobacco	27.68	52.55	22.64	34.68	31.96
7	Cashew	22.09	13.32	22.35	19.86	21.55
8	Spices	25.60	13.98	15.27	17.13	22.13
9	Oil meals	86.20	34.55	45.94	43.62	65.40
10	Fruits & Vegetables	25.73	15.97	16.41	16.08	21.66
11	Processed fruits, juice etc	7.79	34.69	27.69	33.80	30.73
12	Marine products	12.52	18.08	11.21	14.74	14.96
13	Sugar & Mollases	218.59	250.30	383.74	326.51	283.08
14	Meat & meat Prep.	23.42	13.92	22.61	20.31	24.23
B	Ores & Minerals	16.68	14.15	26.00	22.79	20.23
1	Iron ore	10.92	24.46	45.48	40.49	30.81
2	Mica	23.66	28.40	47.15	42.08	34.67
II	Manufacture Goods	11.14	1.94	5.78	6.07	8.91
A	Leather & manuf. L	15.04	4.36	7.85	8.30	12.27
B	Chemicals	33.14	9.31	7.40	8.40	21.38
1	Basic chemicals	42.74	13.79	6.45	8.81	27.39
2	Plastic, linoleum products	26.23	27.13	20.72	27.87	26.69
3	Rubber, glass, paints.	22.14	21.16	9.03	14.80	17.89
4	Residual chemicals	60.55	23.29	26.04	25.58	42.06
C	Engineering Goods	18.29	5.96	12.96	11.14	14.55
1	Iron and Steel	68.08	42.78	31.00	37.78	50.52
2	Manufacture of metals	29.70	9.40	7.45	7.87	19.37
3	Machinery & instruments	12.85	6.14	9.92	9.33	10.79
4	Transport equipments	20.94	3.08	16.55	13.84	18.72
5	Electronic goods	27.35	25.84	22.47	23.93	25.89

Continue...

APPENDIX: A-7

**GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN EXPORTS
(ABSOLUTE VALUE)**

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
D	Textile, textile products	15.54	3.80	7.27	8.22	12.71
1	Cotton yarn, fabrics, etc.	34.64	7.64	8.50	12.67	24.10
2	Natural silk yarn, fabric,	8.70	5.31	14.68	13.14	14.06
3	Manmade yarn, fabric, etc	26.69	5.73	11.31	12.75	22.21
4	Manmade staple fiber	-----	-----	-----	-----	-----
5	Woolen yarn, fabric, etc	66.31	13.66	21.45	26.91	47.81
6	Readymade garments	13.36	3.92	10.31	9.78	11.94
7	Jute & jute manufactures	31.64	14.81	19.79	18.83	25.00
8	Coir & coir manufactures	9.04	6.14	23.00	20.76	19.56
9	Carpets	12.28	9.32	11.33	10.56	15.72
i	Carpet handmade	8.89	10.34	14.42	12.89	18.46
ii	Carpet millmade	-----	-----	-----	-----	-----
iii	Silk carpet	-----	-----	-----	-----	-----
E	Gems & jewellery	16.49	371.02	8.97	123.95	85.97
F	Handicrafts	52.25	4.52	29.42	25.98	37.91
III	Petroleum products	141.87	15.68	271.58	195.27	168.98
	Total Exports (I.I)	10.44	3.88	7.56	7.29	8.96

Calculated by Coppock's method. (...) Data not available.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-8

**GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN EXPORTS
(PERCENT SHARE)**

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Primary products	10.76	11.28	6.22	8.19	9.17
A	Agriculture & allied	12.87	12.12	6.26	9.51	10.79
1	Tea	19.11	13.32	26.45	23.64	21.88
2	Coffee	28.70	22.68	20.72	25.28	26.64
3	Rice	41.73	65.48	48.62	57.25	50.73
4	Wheat	769.33	4045.83	3037.36	1586.88	1345.42
5	Cotton raw	224.88	174.58	304.19	289.58	263.74
6	Tobacco	26.39	49.02	22.15	34.54	30.91
7	Cashew	26.27	13.38	23.00	19.88	22.58
8	Spices	31.64	10.14	14.79	16.47	23.59
9	Oil meals	78.25	31.79	45.10	42.18	61.48
10	Fruits & Vegetables	26.90	12.87	16.46	16.18	21.22
11	Processed fruits,juice etc	4.46	32.58	24.43	29.75	28.73
12	Marine products	16.68	19.66	9.01	13.30	14.97
13	Sugar & Mollases	208.24	245.43	374.53	319.46	273.06
14	Meat & meat Prep.	25.94	10.83	17.17	15.09	21.58
B	Ores & Minerals	15.17	11.42	20.84	19.09	17.25
1	Iron ore	14.23	20.89	40.88	37.39	29.11
2	Mica	24.93	24.37	53.54	46.63	38.24
II	Manufacture Goods	5.61	3.35	3.15	3.13	4.45
A	Leather & manuf. L	12.20	8.23	8.58	8.40	11.48
B	Chemicals	23.98	8.09	4.15	5.37	15.57
1	Basic chemicals	32.85	12.76	4.21	8.02	22.02
2	Palistic,linoleum prducts	25.61	25.18	17.48	23.29	23.89
3	Rubber,glass,paints.	16.38	21.38	6.48	12.48	14.60
4	Residual chemicals	57.05	26.46	26.21	25.63	39.88
C	Engineering Goods	11.59	3.13	6.87	5.97	8.65
1	Iron and Steel	60.75	40.62	29.13	32.84	44.76
2	Manufacture of metals	19.61	8.02	4.18	5.82	12.85
3	Machinery & instruments	9.67	3.41	6.76	8.81	9.83
4	Transport equipments	14.95	6.55	11.95	10.34	13.29
5	Electronic goods	24.90	23.23	19.99	20.82	22.49

Continue...

APPENDIX: A-8

GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN EXPORTS (PERCENT SHARE)

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
D	Textile, textile products	11.32	7.79	7.28	7.79	9.81
1	Cotton yarn, fabrics, etc.	30.06	11.05	7.55	11.74	21.05
2	Natural silk yarn, fabric,	11.17	8.65	16.69	16.03	15.36
3	Manmade yarn, fabric, etc	24.58	9.53	10.90	11.27	19.36
4	Manmade staple fiber	-----	-----	-----	-----	-----
5	Woolen yarn, fabric, etc	60.60	14.89	17.38	24.58	42.35
6	Ready-made garments	11.82	7.81	11.13	10.02	11.25
7	Jute & jute manufactures	27.39	14.45	17.80	16.79	21.50
8	Coir & coir manufactures	8.12	6.91	24.43	20.63	18.86
9	Carpets	12.68	9.20	12.08	11.27	14.30
i	Carpet handmade	4.73	10.64	14.97	13.96	16.53
ii	Carpet millmade	-----	-----	-----	-----	-----
iii	Silk carpet	-----	-----	-----	-----	-----
E	Gems & jewellery	18.66	386.71	12.03	127.83	88.79
F	Handicrafts	55.19	6.64	31.37	26.67	38.91
III	Petroleum products	137.19	17.84	256.02	186.38	179.99

Calculated by Coppock's method.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-9

**GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN EXPORTS
(ABSOLUTE VALUE)**

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Primary products	10.25*	23.55	12.38**	13.52**	15.13*
A	Agriculture & allied	8.58*	25.51*	8.34*	11.72**	14.34*
1	Tea	9.02*	-0.69*	1.84	4.51*	6.66*
2	Coffee	6.29**	49.91*	-0.75*	7.25	10.53*
3	Rice	6.47**	46.38	7.47*	13.74	17.42*
4	Wheat	-7.18	42.58	52.77	30.31	26.90**
5	Cotton raw	5.99	-10.16	17.24	9.32	8.66*
6	Tobacco	1.11	-2.77	6.28	10.16*	10.97*
7	Cashew	12.37*	18.77*	5.90**	8.41**	13.58*
8	Spices	13.00*	21.61*	6.22*	12.85	14.07*
9	Oil meals	49.91*	22.42	5.86	6.64*	25.31*
10	Fruits & Vegetables	7.24*	12.32*	19.39	15.23*	13.07*
11	Processed fruits, juice etc	8.04	42.44*	8.60*	14.91*	14.95*
12	Marine products	13.45*	27.26*	6.44*	10.38	16.36*
13	Sugar & Mollases	-14.41	6.20	22.83	14.44**	16.84*
14	Meat & meat Prep.	-1.38	27.73*	16.36**	18.00**	14.90*
B	Ores & Minerals	17.75*	15.62**	26.57	18.60	17.63*
1	Iron ore	12.15*	5.38	32.83	18.98	14.10*
2	Mica	3.78**	-5.65	10.66**	8.72*	4.82*
II	Manufacture Goods	20.09*	24.94*	15.88*	16.57**	20.75*
A	Leather & manuf. L	22.34*	16.98*	8.61*	9.32*	15.88*
B	Chemicals	28.31*	28.93*	19.51*	20.05*	26.70*
1	Basic chemicals	35.47*	22.08*	18.70	19.60*	27.70*
2	Plastic, linoleum products	36.70*	67.53*	26.75*	26.80**	35.08*
3	Rubber, glass, paints.	28.85*	32.86*	17.45*	17.12*	25.24*
4	Residual chemicals	-0.33	39.42*	13.94*	19.44*	19.05*
C	Engineering Goods	17.29*	26.77*	23.18	21.37	23.17*
1	Iron and Steel	9.25**	53.15*	26.65**	25.63*	30.49*
2	Manufacture of metals	14.90*	22.04*	21.72	20.58**	22.91*
3	Machinery & instruments	18.59*	18.49*	23.00	21.59**	20.93*
4	Transport equipments	12.8*	25.91*	22.79	18.79**	21.86*
5	Electronic goods	14.91*	37.82*	18.71**	21.59**	22.00*
D	Textile, textile products	18.72*	23.28*	9.51*	12.69*	19.08*
1	Cotton yarn, fabrics, etc.	23.98*	29.22*	5.00*	11.34*	21.30*
2	Natural silk yarn, fabric	18.47*	5.60	14.99	14.58	15.52*

Continue...

APPENDIX: A-9

GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN EXPORTS (ABSOLUTE VALUE)

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
3	Manmade yarn,fabric,etc	23.20*	32.51*	16.14*	17.59**	26.50*
4	Manmade staple fiber	-----	-----	-----	-----	-----
5	Woolen yarn,fabric,etc	38.92**	29.60*	0.18*	7.44	17.88*
6	Readymade garments	22.19*	22.56*	11.10*	13.48*	19.75*
7	Jute&jute manufactures	0.70	12.90**	9.83	8.76*	7.17*
8	Coir &coir manufactures	18.68**	32.86*	11.31*	13.00	16.72*
9	Carpets	8.01*	10.08*	6.11	6.50	11.52*
i	Carpet handmade	16.97*	8.00**	9.54	7.90	11.68*
ii	Carpet millmade	-----	-----	-----	-----	-----
iii	Silk carpet	-----	-----	-----	-----	-----
E	Gems & jewellery	25.83*	26.93	15.69	20.71	21.01*
F	Handicrafts	-1.56	24.60*	-0.55*	7.97**	9.52*
III	Petroleum products	15.78	7.66	67.89	34.19	18.94*
	Total Exports	16.14*	24.54*	17.01**	16.97	19.27*

(*):Significant at the 1 percent level, (**):Significant at the 5 percent level.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-10

**GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN EXPORTS
(PERCENT SHARE)**

	Commodity	1980-81 to	1991-92 to 2006-07		Overall	1980-81 to
		1990-91	1991-92 to 1995-96	1996-97 to 2006-07		2006-07
I	Primary products	-5.07*	-0.80	-3.96	-2.95**	-3.45*
A	Agriculture & allied	-6.51*	0.78	-7.41*	-4.45	-4.13*
1	Tea	-6.33*	-20.26*	-12.97	-10.65**	-10.58*
2	Coffee	-8.48*	20.36*	-15.18*	-8.31	-7.33*
3	Rice	-8.32*	17.53	-8.16**	-2.76	-1.55**
4	Wheat	-27.75	14.44	30.56	11.4	-6.56*
5	Cotton raw	-8.74	-27.93	0.19	-6.54	-8.89*
6	Tobacco	-12.94*	-21.93*	-9.17**	-5.83*	-6.96*
7	Cashew	-3.24**	-4.63	-9.49	-7.32**	-4.77*
8	Spices	-2.70	-2.35	-9.23	-3.53	-4.36*
9	Oil meals	29.08*	-1.71	-9.54	-8.84*	5.06*
10	Fruits & Vegetables	-7.66*	-9.82*	2.03*	-1.49*	-5.20*
11	Processed fruits, juice etc	-15.91	14.36*	-7.19*	-1.76	-3.47*
12	Marine products	-2.31**	2.18	-9.03*	-5.64**	-2.44*
13	Sugar & Mollases	-26.30*	-14.73	4.97	-2.17**	-2.04
14	Meat & meat Prep.	-15.09*	2.56	0.56	-0.88*	-3.67*
B	Ores & Minerals	1.39	-7.16	8.17**	1.39	-1.38**
1	Iron ore	-3.44	-15.39	13.52**	1.71	-4.34*
2	Mica	-10.64*	-24.25*	-5.43**	7.06	-12.12*
II	Manufacture Goods	3.40*	0.32	-0.97	-0.34*	1.24*
A	Leather & manuf. L	5.34*	-6.07**	-7.18	-6.54*	-2.84*
B	Chemicals	10.48*	3.52**	2.13	2.63*	6.23*
1	Basic chemicals	16.64*	-1.98	1.44	2.24*	7.06*
2	Plastic, linoleum products	17.70*	34.52*	8.32*	8.40*	13.26*
3	Rubber, glass, paints.	10.65*	6.68	0.38	0.12*	5.01*
4	Residual chemicals	-14.18*	11.95**	-2.62**	2.10*	-0.18
C	Engineering Goods	0.99	1.79	5.27	3.76**	3.27*
1	Iron and Steel	-5.93**	22.97*	8.23	7.40*	9.41*
2	Manufacture of metals	-1.07	-2.01	4.03*	3.09*	3.05*
3	Machinery & instruments	2.11**	-4.86*	5.12*	4.03**	1.39*
4	Transport equipments	-2.87	1.09	4.94	1.55**	2.17*
5	Electronic goods	-1.05	10.66**	1.45	3.95*	2.28*

Continue...

APPENDIX: A-10

**GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN EXPORTS
(PERCENT SHARE)**

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
D	Textile, textile products	2.22**	-0.77	-6.42**	-3.67*	-0.16
1	Cotton yarn, fabrics, etc.	6.75*	3.76	-10.27*	-4.82*	1.7**
2	Natural silk yarn, fabric,	-7.79	-15.21**	-1.73**	-2.04	-2.99*
3	Manmade yarn, fabric, etc	6.08*	6.4	-0.73	0.53*	6.06*
4	Manmade staple fiber	-----	-----	-----	-----	-----
5	Woolen yarn, fabric, etc	8.13	4.06	-14.39*	-8.15	-1.01
6	Ready-made garments	5.21*	-1.59	-5.06	-2.98*	0.41
7	Jute & jute manufactures	-13.29*	-9.35**	-6.14	-7.02*	-10.15*
8	Coir & coir manufactures	-7.62	6.68	-4.88**	-3.4	-1.98**
9	Carpets	-7.00*	-11.62*	-9.32	-8.96**	-6.49*
i	Carpet handmade	-8.95**	-13.29*	-6.39**	-7.76	-6.22*
ii	Carpet mill-made	-----	-----	-----	-----	-----
iii	Silk carpet	-----	-----	-----	-----	-----
E	Gems & jewellery	8.34**	1.91	-1.14	3.19	1.45
F	Handicrafts	-15.24*	0.05	-15.01	-7.70**	-8.17*
III	Petroleum products	-0.31	-13.56	43.48	14.72	-0.28

(*): Significant at the 1 percent level; (**): Significant at the 5 percent level.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-11

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: AVERAGE PERCENT SHARE

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
1	Tea	3.36	1.67	0.83	1.10	1.55
1	C.I.S	49.62	37.79	25.63	29.43	33.47
2	Germany	4.32	6.04	5.92	5.96	5.63
3	Iran	8.81	4.26	2.67	3.17	4.30
4	Iraq	1.18	0.01	4.54	3.13	2.74
5	Japan	2.22	2.49	3.26	3.02	2.86
6	Poland	3.30	6.83	3.37	4.45	4.22
7	U.A.E	2.51	8.20	12.65	11.20	9.51
8	U.K	10.78	13.48	11.55	12.16	11.88
9	U.S.A	1.39	3.19	6.22	5.27	4.49
	Total	84.13	82.29	75.81	77.79	79.10
2	Coffee	1.29	0.98	0.68	0.78	0.88
1	Belgium	0.69	0.96	4.99	3.73	3.12
2	C.I.S	47.51	23.57	20.29	21.31	26.55
3	Germany	7.74	15.41	12.32	13.28	12.17
4	Italy	6.80	12.52	16.59	15.32	13.62
5	Netherlands	2.02	2.15	2.25	2.22	2.18
6	Spain	0.69	0.72	3.95	2.94	2.49
7	Switzerland	0.79	0.99	1.72	1.49	1.35
8	U.K	0.35	1.36	0.99	1.11	0.96
9	U.S.A	7.71	8.68	5.31	6.37	6.63
	Total	74.30	66.36	68.41	67.77	69.07
3	Rice	1.69	2.23	2.09	2.13	2.04
1	Bangladesh	0.06	5.66	12.19	10.15	8.13
2	France	0.27	0.91	0.75	0.80	0.69
3	Kuwait	8.01	5.67	4.54	4.89	5.51
4	S.arabia	30.52	38.57	30.15	32.78	32.33
5	Singapore	0.20	0.70	0.90	0.83	0.71
6	S.africa	0.06	1.45	6.88	5.18	4.16
7	U.A.E	6.52	8.17	4.55	5.68	5.86
8	U.K	7.00	7.40	4.78	5.60	5.88
9	U.S.A	4.22	3.83	3.19	3.39	3.55
	Total	56.86	72.36	67.93	69.30	66.82

Continue...

APPENDIX: A-11

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: AVERAGE
PERCENT SHARE**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
4	Tobacco	0.73	0.63	0.47	0.52	0.56
1	Belgium	3.82	8.58	10.21	9.70	8.53
2	C.I.S	29.41	19.57	13.72	15.55	18.32
3	Germany	4.72	4.76	7.38	6.56	6.19
4	Netherlands	1.19	2.89	3.28	3.16	2.77
5	S.africa	11.83	7.67	3.65	4.90	6.29
6	Singapore	1.05	1.27	3.47	2.79	2.44
7	U.A.E	2.39	4.52	7.02	6.24	5.47
8	U.K	16.89	17.55	8.41	11.27	12.39
9	U.S.A	1.19	1.62	5.31	4.16	3.56
10	Yemen	2.55	0.99	2.60	2.10	2.19
	Total	75.04	69.42	65.05	66.43	68.15
5	Spices	1.31	0.78	0.78	0.78	0.89
1	Bangladesh	25.52	5.24	2.88	3.61	3.40
2	C.I.S	29.31	6.23	2.84	3.90	8.98
3	Germany	5.62	3.77	4.12	4.01	4.33
4	Japan	3.70	4.74	5.49	5.26	4.94
5	S.arabia	4.25	2.88	2.51	2.63	2.95
6	S.lanka	1.38	4.24	3.53	3.75	3.28
7	Singapore	2.17	3.87	3.33	3.50	3.23
8	Spain	0.89	0.91	1.96	1.63	1.48
9	U.A.E	3.67	6.41	4.79	5.29	4.97
10	U.K	3.82	5.86	6.52	6.32	5.82
11	U.S.A	15.25	26.25	25.60	25.81	23.70
	Total	95.58	70.40	63.57	65.71	67.08
6	Cashew	1.52	1.42	0.89	1.06	1.15
1	Canada	0.73	0.85	1.21	1.09	1.09
2	France	0.12	0.51	2.55	1.91	1.55
3	Isreal	0.22	1.05	1.19	1.15	0.96
4	Italy	0.38	0.17	1.03	0.76	0.68
5	Japan	9.13	8.21	5.33	6.23	6.81
6	Netherlands	19.77	20.51	17.00	18.10	18.43
7	S.arabia	0.36	0.62	1.78	1.42	1.21
8	U.A.E	2.36	2.65	4.73	4.08	3.74
9	U.K	2.81	5.30	6.25	5.95	5.32
10	U.S.A	18.64	35.85	44.14	41.55	36.97
	Total	54.52	74.67	85.21	82.24	76.76

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APPENDIX: A-11

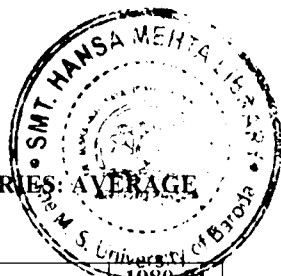
EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: AVERAGE PERCENT SHARE

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
7	Oil meals	1.86	2.54	1.33	1.71	1.74
1	Bangladesh	0.06	0.07	5.21	3.60	2.89
2	C.I.S	27.57	2.21	0.58	1.09	6.39
3	Indonesia	0.46	10.42	13.46	12.51	10.10
4	Japan	0.45	2.39	7.41	5.84	4.76
5	Pakistan	0.60	2.44	3.81	3.38	2.82
6	S.korea	1.26	6.53	11.49	9.94	8.21
7	S.lanka	0.68	1.38	2.48	2.13	1.84
8	Singapore	0.88	18.01	10.41	12.79	10.41
9	Thailand	2.20	8.84	7.03	7.60	6.52
10	Vietnam	0.17	0.50	10.75	7.55	6.07
	Total	34.33	52.79	72.63	66.43	60.01
8	Marine product	2.99	3.54	2.58	2.88	2.90
1	China	0.17	0.97	7.02	5.13	4.14
2	Hong-kong	1.08	3.19	2.06	2.41	2.15
3	Italy	2.76	4.76	2.43	3.16	3.08
4	Japan	56.06	48.73	30.39	34.56	38.86
5	Spain	5.19	5.62	4.61	4.92	4.98
6	Thailand	0.13	1.37	1.94	1.76	1.44
7	U.A.E	1.03	6.89	5.20	5.73	4.79
8	U.K	6.94	5.42	4.36	4.69	5.14
9	U.S.A	12.48	11.26	19.19	16.71	15.87
	Total	85.84	88.21	77.20	79.07	80.45
9	Iron Ore	3.36	2.09	1.88	1.94	2.23
1	Belgium	0.45	0.46	0.56	0.53	0.51
2	China	0.30	10.10	49.59	37.25	29.86
3	Iran	0.40	4.92	2.79	3.46	2.84
4	Japan	63.89	56.66	28.84	37.54	42.81
5	S.korea	10.86	8.45	4.51	5.74	6.77
6	Pakistan	1.03	1.34	1.04	1.14	1.12
7	Turkey	1.73	2.40	0.58	1.15	1.27
	Total	78.66	84.33	87.91	86.81	85.18

Continue...

APPENDIX: A-11

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: AVERAGE
PERCENT SHARE



S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
10	Leather manufacture	7.63	6.29	3.85	4.61	5.21
1	France	4.85	5.17	4.94	5.01	4.98
2	Germany	21.70	23.08	17.00	18.90	19.46
3	Hong-kong	2.07	3.31	6.63	5.60	4.89
4	Italy	10.84	10.74	12.24	11.77	11.58
5	Netherlands	1.64	1.95	2.84	2.56	2.38
6	Portugal	1.23	1.34	1.67	1.57	1.50
7	C.I.S	15.93	5.90	1.18	2.66	5.31
8	Spain	1.32	2.36	5.36	4.42	3.80
9	U.K	11.26	11.41	13.02	12.52	12.26
10	U.S.A	12.18	16.48	14.15	14.88	14.34
	Total	83.02	81.74	79.03	79.89	80.50
11	Gems & Jewelry	18.41	16.71	16.26	16.40	16.80
1	Belgium	16.56	14.56	11.60	12.55	13.35
2	Hong-kong	13.13	20.46	22.04	21.55	19.86
3	Isreal	2.02	2.28	4.24	3.62	3.30
4	Japan	18.38	14.31	5.02	7.92	10.02
5	Singapore	1.02	1.73	2.48	2.25	2.00
6	Switzerland	2.26	1.40	1.46	1.44	1.60
7	Thailand	3.09	3.39	2.40	2.71	2.79
8	U.A.E	1.24	2.52	9.32	7.19	6.00
9	U.K	2.25	1.64	2.05	1.92	1.99
10	U.S.A	34.75	33.54	34.70	34.32	34.41
	Total	94.70	95.83	95.31	95.47	95.32
12	Chemicals	6.22	7.28	9.14	8.56	8.09
1	Brazil	0.11	0.67	2.18	1.71	1.39
2	China	0.18	1.00	3.87	2.97	2.41
3	Germany	9.04	8.33	5.78	6.54	7.04
4	Hong-kong	2.35	3.20	2.53	2.74	2.66
5	Italy	2.48	2.78	2.52	2.60	2.58
6	Netherlands	2.50	3.34	3.38	3.40	3.22
7	C.I.S	31.30	11.46	3.22	5.80	10.90
8	U.A.E	1.40	2.80	3.47	3.26	2.89
9	U.K	4.45	5.22	4.16	4.49	4.48
10	U.S.A	11.18	12.41	12.43	12.42	12.17
	Total	64.99	51.21	43.54	45.93	49.74

Continue...

APPENDIX: A-11

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: AVERAGE PERCENT SHARE

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
13	Engineering goods	11.34	13.36	17.32	16.08	15.13
1	Bangladesh	3.84	3.08	2.74	2.84	3.04
2	Germany	2.85	3.90	4.11	4.07	3.83
3	Hong-kong	0.88	1.98	2.15	2.10	1.85
4	Italy	1.02	2.08	2.93	2.66	2.33
5	Malaysia	1.56	2.76	2.56	2.62	2.41
6	Singapore	5.09	6.02	4.65	5.08	5.08
7	S.lanka	2.25	3.68	2.96	3.19	3.00
8	U.A.E	2.24	5.96	6.87	6.59	5.72
9	U.K	4.84	5.84	5.75	5.78	5.59
10	U.S.A	9.96	12.22	20.08	17.62	16.09
	Total	34.53	47.52	54.80	52.55	48.94
14	Cotton	6.23	7.61	6.64	6.94	6.80
1	Bangladesh	8.99	11.11	6.00	7.60	7.87
2	Germany	7.59	6.78	4.28	5.06	5.57
3	Hong-kong	2.35	3.08	4.68	4.18	3.81
4	Italy	5.89	4.81	4.91	4.88	5.08
5	Japan	3.79	3.81	3.10	3.32	3.42
6	S.korea	2.06	2.93	4.66	4.12	3.71
7	Mauritus	1.24	2.26	2.38	2.34	2.12
8	U.A.E	3.52	4.19	2.94	3.33	3.37
9	U.K	11.06	10.88	5.50	7.18	7.96
10	U.S.A	12.68	12.78	16.38	15.25	14.74
	Total	59.17	62.63	54.83	57.26	57.65
15	Readymade Garments	11.50	12.18	10.54	11.05	11.14
1	Canada	2.85	3.17	3.88	3.66	3.49
2	France	6.15	6.65	7.07	6.94	6.78
3	Germany	14.56	12.52	8.05	9.45	10.47
4	Italy	3.96	3.62	3.46	3.51	3.60
5	Japan	2.88	3.62	1.61	2.24	2.37
6	Netherlands	4.13	4.16	3.51	3.71	3.80
7	C.I.S	10.44	3.08	3.26	3.21	4.65
8	U.A.E	2.35	4.30	7.24	6.32	5.53
9	U.K	10.96	10.03	8.75	9.15	9.52
10	U.S.A	28.00	29.67	31.44	30.89	30.31
	Total	86.28	80.82	78.27	79.08	80.52

Continue....

APPENDIX: A-11

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: AVERAGE PERCENT SHARE

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
16	Jute	1.17	0.65	0.36	0.45	0.59
1	Australia	1.84	2.13	2.56	2.43	2.31
2	Belgium	5.31	19.62	13.69	15.55	13.50
3	Egypt	1.64	3.32	4.64	4.24	3.72
4	Germany	2.61	2.57	2.98	2.85	2.80
5	Italy	0.48	0.82	2.21	1.78	1.52
6	Japan	4.00	4.73	3.78	4.08	4.06
7	S.arabia	1.73	2.82	3.92	3.58	3.21
8	Turkey	0.57	4.98	6.09	5.74	4.71
9	U.K	7.91	8.61	7.27	7.69	7.73
10	U.S.A	12.06	17.38	20.76	19.71	18.18
	Total	38.15	66.98	67.90	67.65	61.74
17	Carpets	2.36	2.43	1.22	1.60	1.75
1	Australia	1.42	1.59	1.82	1.72	1.68
2	Canada	3.38	2.23	1.95	2.04	2.30
3	France	2.16	2.02	2.73	2.51	2.44
4	Germany	38.98	33.21	19.92	24.07	27.05
5	Italy	2.07	3.15	2.16	2.47	2.39
6	Japan	0.84	4.92	2.66	3.37	2.86
7	Spain	0.23	0.59	1.79	1.41	1.18
8	Sweden	2.17	3.00	2.40	2.58	2.50
9	U.K	3.19	3.08	5.57	4.79	4.47
10	U.S.A	28.10	32.20	43.28	38.82	37.47
	Total	82.54	85.99	84.28	83.78	84.34

Calculated from data *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-12

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: INSTABILITY INDEX (ABSOLUTE VALUE)

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I	Tea	17.81	16.48	24.19	22.20	22.00
1	C.I.S	4.29	49.77	45.99	48.52	48.59
2	Germany	18.16	11.16	21.39	19.18	20.10
3	Iran	44.66	19.98	28.92	25.65	30.98
4	Iraq	154.70	18.92	83.13	68.03	81.42
5	Japan	27.56	64.16	27.36	40.52	39.00
6	Poland	10.33	20.44	21.12	20.71	19.74
7	U.A.E	3.22	37.98	8.62	24.82	23.61
8	U.K	35.76	29.44	201.05	195.84	166.49
9	U.S.A	2135.40	143.88	384.08	259.13	714.03
2	Coffee	24.36	20.78	19.52	26.56	26.44
1	Belgium	59.23	18.00	47.76	56.94	62.44
2	C.I.S	21.80	60.68	26.06	39.69	36.58
3	Germany	35.71	53.90	30.79	42.68	41.06
4	Italy	33.61	43.21	28.67	39.11	39.58
5	Netherlands	22.73	85.36	34.77	64.87	58.63
6	Spain	59.23	7479.50	36.88	858.89	659.73
7	Switzerland	39.24	906.68	46.14	245.38	204.12
8	U.K	0.01	62.24	47.30	61.11	62.00
9	U.S.A	61.29	51.67	47.35	60.34	78.36
3	Rice	12.19	69.38	48.52	60.19	53.53
1	Bangladesh	181.41	524.88	216.18	543.66	86.15
2	France	61.74	54.42	72.11	78.26	63.50
3	Kuwait	72.77	74.49	48.09	56.65	34.51
4	S.arabia	28.92	39.05	23.71	32.23	167.26
5	Singapore	272.14	215.95	59.43	104.73	267.50
6	S.africa	58.74	417.14	141.56	318.41	40.18
7	U.A.E	26.29	45.03	33.29	38.36	34.93
8	U.K	19.49	21.32	33.91	30.59	99.99
9	U.S.A	46.30	53.09	118.79	110.17	53.53

Continue...

APPENDIX: A-12

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: INSTABILITY INDEX (ABSOLUTE VALUE)

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
4	Tobacco	23.18	52.55	22.64	34.64	33.05
1	Belgium	27.30	73.92	41.11	61.20	78.04
2	C.I.S	95.14	203.11	70.14	114.67	114.50
3	Germany	59.23	115.13	54.80	72.65	76.41
4	Netherlands	75.00	322.17	59.29	131.84	125.22
5	S.africa	19.41	20.58	29.99	27.08	25.68
6	Singapore	38.65	22.60	50.45	60.27	57.11
7	U.A.E	14.52	24.32	45.00	38.38	45.87
8	U.K	22.85	43.75	54.77	54.63	53.72
9	U.S.A	150.26	24.34	38.26	35.35	63.78
10	Yemen	501.05	54.28	64.18	63.19	131.59
5	Spices	9.66	13.98	15.27	16.58	20.81
1	Bangladesh	421.30	358.06	68.04	178.29	216.34
2	C.I.S	81.93	207.60	15.79	81.63	80.57
3	Germany	11.12	19.17	28.64	26.12	27.39
4	Japan	21.89	26.47	15.32	31.68	29.35
5	S.arabia	18.19	56.02	19.54	32.11	42.56
6	S.lanka	87.16	81.10	45.16	56.88	115.75
7	Singapore	0.01	47.83	34.79	43.11	42.56
8	Spain	126.66	47.05	53.89	63.79	78.71
9	U.A.E	90.99	26.06	24.14	29.00	60.82
10	U.K	4.60	16.86	13.25	17.04	18.31
11	U.S.A	24.03	24.53	25.98	34.33	37.28
6	Cashew	19.72	13.32	22.35	19.83	20.96
1	Canada	46.56	154.96	60.32	92.26	86.43
2	France	157.68	117.85	29.56	64.99	81.31
3	Isreal	196.08	56.54	35.52	47.96	87.79
4	Italy	166.51	41.42	35.81	39.69	70.43
5	Japan	4.99	11.88	20.09	19.90	23.22
6	Netherlands	29.46	12.45	30.39	28.05	36.79
7	S.arabia	76.14	41.07	30.87	33.01	55.49
8	U.A.E	9.54	44.07	23.16	29.03	51.09
9	U.K	60.51	59.41	32.03	44.06	72.11
10	U.S.A	50.09	32.31	28.34	29.04	49.35

Continue...

APPENDIX: A-12

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: INSTABILITY INDEX (ABSOLUTE VALUE)

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
7	Oil meals	30.91	34.55	45.94	43.58	42.39
1	Bangladesh	12.62	35.00	108.10	102.68	88.64
2	C.I.S	123.04	108.73	831.80	556.09	550.40
3	Indonesia	432.82	16.47	82.08	68.57	210.92
4	Japan	209.84	106.27	89.27	98.14	125.03
5	Pakistan	95.72	54.23	86.83	79.16	116.76
6	S.korea	1761.45	60.63	37.26	51.88	493.05
7	S.lanka	150.92	57.10	29.54	39.74	65.15
8	Singapore	31.16	135.07	88.33	109.75	163.95
9	Thailand	18.03	64.70	272.29	205.21	180.49
10	Vietnam	659.41	478.08	32.36	179.21	259.77
8	Marine product	10.88	18.08	11.21	15.55	16.36
1	China	162.35	300.10	50.78	188.88	221.93
2	Hong-kong	80.15	38.80	29.55	37.08	54.30
3	Italy	52.73	22.12	30.84	33.34	51.51
4	Japan	11.01	21.63	19.60	22.89	21.91
5	Spain	29.49	24.42	27.04	31.11	35.39
6	Thailand	162.35	127.61	39.29	68.04	111.81
7	U.A.E	15.73	41.35	32.85	45.64	57.57
8	U.K	12.61	10.78	43.29	35.25	32.47
9	U.S.A	17.32	37.07	21.45	25.80	24.20
9	Iron Ore	8.56	24.46	45.48	40.51	35.8
1	Belgium	711.75	1348.28	173.23	140.47	324.34
2	China	39.24	219.92	27.13	52.46	93.22
3	Iran	369.49	281.67	105.76	341.32	411.19
4	Japan	6.62	6.94	49.76	48.58	43.34
5	S.korea	7.95	7.08	87.61	88.96	76.87
6	Pakistan	19.01	16.54	126.00	119.43	103.15
7	Turkey	27.19	23.35	298.82	691.92	535.41

Continue...

APPENDIX: A-12

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: INSTABILITY INDEX (ABSOLUTE VALUE)

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
10	Leather manufacture	3.79	4.36	7.85	8.46	9.61
1	France	14.76	24.15	8.07	15.94	15.88
2	Germany	16.72	4.60	11.41	11.79	15.17
3	Hong-kong	22.65	15.98	21.95	20.31	22.19
4	Italy	20.64	10.94	19.60	19.36	20.22
5	Netherlands	12.86	14.61	15.17	15.46	15.07
6	Portugal	15.37	24.74	24.08	24.28	23.99
7	C.I.S	22.32	67.69	51.02	61.10	56.19
8	Spain	19.82	27.22	17.38	20.87	22.80
9	U.K	2.63	1.55	9.20	8.24	10.64
10	U.S.A	7.20	8.11	15.37	15.65	16.86
11	Gems & Jewelry	24.38	371.02	8.97	10.73	14.16
1	Belgium	33.58	35.82	17.48	19.57	17.92
2	Hong-kong	37.85	64.18	19.66	24.12	23.10
3	Isreal	46.64	7.57	14.05	26.08	28.80
4	Japan	20.65	18.84	30.76	107.28	26.17
5	Singapore	4.38	14.67	16.67	19.29	92.35
6	Switzerland	25.18	3.32	15.93	32.64	20.49
7	Thailand	46.57	124.30	37.81	30.94	38.45
8	U.A.E.	49.61	27.77	25.78	21.23	49.18
9	U.K	20.62	8.71	24.95	12.72	22.30
10	U.S.A	18.92	4.18	13.90	11.24	13.82
12	Chemicals	16.78	9.31	7.4	8.87	14.27
1	Brazil	0.01	35.82	17.48	31.46	31.28
2	China	137.38	64.18	19.66	66.04	87.29
3	Germany	3.76	7.57	14.05	12.69	13.50
4	Hong-kong	66.00	18.84	30.76	31.18	43.78
5	Italy	6.50	14.67	16.67	16.14	16.43
6	Netherlands	30.99	3.32	15.93	16.79	21.81
7	C.I.S	36.27	124.30	37.81	66.52	65.48
8	U.A.E	13.02	27.77	25.78	26.29	32.80
9	U.K	16.81	8.71	24.95	21.36	22.21
10	U.S.A	18.25	4.18	13.90	13.05	17.57

Continue...

APPENDIX: A-12

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: INSTABILITY
INDEX (ABSOLUTE VALUE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
13	Engineering goods	11.05	5.96	12.96	11.14	12.01
1	Bangladesh	20.92	37.30	33.02	37.18	35.21
2	Germany	9.39	13.00	12.48	15.97	16.90
3	Hong-kong	24.15	16.67	32.78	35.13	34.03
4	Italy	42.69	56.67	34.78	41.37	52.60
5	Malaysia	12.47	23.30	60.72	51.81	51.68
6	Singapore	48.49	22.84	29.17	28.23	33.30
7	S.lanka	96.71	23.95	22.08	22.73	39.15
8	U.A.E	44.90	17.70	17.26	17.68	29.08
9	U.K	1.62	8.30	17.39	17.11	16.23
10	U.S.A	12.15	4.32	57.20	45.13	39.67
14	Cotton	14.94	7.64	8.50	12.66	14.94
1	Bangladesh	16.81	15.16	29.64	29.92	31.21
2	Germany	27.19	2.50	9.32	12.73	16.91
3	Hong-kong	50.99	56.48	22.22	45.87	49.20
4	Italy	45.95	19.56	12.38	17.42	23.18
5	Japan	35.43	20.95	22.10	24.00	29.81
6	S.korea	83.52	124.88	37.17	64.13	90.24
7	Mauritus	33.38	13.57	19.37	27.52	30.26
8	U.A.E	27.51	11.96	18.09	17.64	30.28
9	U.K	48.61	8.20	6.75	12.08	22.50
10	U.S.A	15.48	7.70	14.81	15.97	19.79
15	Readymade Garments	12.82	3.92	10.31	9.42	11.56
1	Canada	7.00	3.45	13.01	12.01	14.21
2	France	14.67	8.74	7.39	9.35	11.90
3	Germany	20.24	5.31	17.52	15.71	18.27
4	Italy	24.67	19.26	7.19	13.37	17.58
5	Japan	24.44	4.96	23.10	21.02	29.59
6	Netherlands	9.75	8.45	14.80	14.94	14.97
7	C.I.S	5.99	45.17	109.38	88.48	78.09
8	U.A.E	29.80	24.43	44.66	38.88	46.11
9	U.K	30.19	9.26	12.08	11.82	16.52
10	U.S.A	6.58	15.27	16.99	17.16	17.16

Continue...

APPENDIX: A-12

EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES: INSTABILITY INDEX (ABSOLUTE VALUE)

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
16	Jute	12.79	14.81	19.79	18.79	18.09
1	Australia	27.85	18.71	43.79	36.38	37.52
2	Belgium	23.12	32.57	25.24	31.30	45.83
3	Egypt	94.54	25.38	27.69	27.25	43.42
4	Germany	39.20	37.80	23.01	43.39	43.46
5	Italy	38.65	55.45	19.63	31.68	46.78
6	Japan	34.48	12.99	36.51	31.72	32.51
7	S.arabia	72.36	31.56	30.22	29.67	44.91
8	Turkey	76.11	49.59	50.24	50.88	67.59
9	U.K	20.19	13.64	18.36	17.36	19.86
10	U.S.A	19.31	43.49	29.87	34.36	36.32
17	Carpets	6.16	9.32	11.33	10.26	16.12
1	Australia	5.76	20.35	22.07	23.27	21.45
2	Canada	32.09	9.58	13.30	12.33	25.68
3	France	12.58	19.96	9.95	15.98	17.57
4	Germany	8.67	14.24	21.55	19.19	22.01
5	Italy	14.52	20.71	16.07	19.03	27.17
6	Japan	4.75	34.88	18.90	29.03	55.41
7	Spain	76.11	23.36	21.82	24.19	55.70
8	Sweden	22.27	15.18	35.41	30.71	33.86
9	U.K	17.97	16.17	8.77	11.19	16.62
10	U.S.A	11.09	7.10	14.21	12.30	20.34

Calculated by Coppock's method.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-13

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
INSTABILITY INDEX (PERCENT SHARE)**

Sino	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I	Tea	15.20	13.31	27.14	24.14	22.54
1	C.I.S	4.29	31.17	22.64	26.81	26.38
2	Germany	27.58	23.11	17.53	19.07	21.27
3	Iran	20.70	49.71	191.82	195.11	165.31
4	Iraq	2155.05	274.36	164.03	253.19	1019.50
5	Japan	27.67	39.00	20.48	26.64	28.23
6	Poland	174.81	35.90	78.04	67.31	83.82
7	U.A.E	15.41	52.95	25.26	36.77	33.76
8	U.K	19.73	39.39	16.26	24.82	23.38
9	U.S.A	19.21	52.58	21.56	37.73	35.81
2	Coffee	17.36	22.65	20.62	25.22	24.96
1	Belgium	44.54	13.37	34.94	34.89	41.82
2	C.I.S	2.01	47.08	25.47	31.80	31.05
3	Germany	14.16	62.98	15.37	33.49	30.39
4	Italy	9.69	31.58	16.04	20.73	19.67
5	Netherlands	40.66	111.16	30.99	63.36	59.98
6	Spain	44.54	6568.86	26.09	786.38	602.68
7	Switzerland	51.17	801.13	48.43	226.90	190.21
8	U.K	24.36	60.93	47.45	54.27	54.90
9	U.S.A	29.70	27.37	45.17	42.73	55.55
3	Rice	10.37	65.48	48.43	57.13	50.54
1	Bangladesh	188.85	568.36	148.92	452.79	388.46
2	France	81.44	83.39	95.55	90.27	95.38
3	Kuwait	72.81	170.30	90.41	112.39	105.91
4	S.arabia	27.82	91.17	41.04	69.28	62.10
5	Singapore	25.08	278.19	65.74	136.85	145.20
6	S.africa	58.31	331.08	81.12	196.87	178.23
7	U.A.E	14.37	49.59	51.18	50.49	45.31
8	U.K	33.81	43.34	63.59	60.91	57.22
9	U.S.A	31.05	20.45	185.34	160.42	136.32

Continue...

APPENDIX: A-13

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
INSTABILITY INDEX (PERCENT SHARE)**

Sino	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
4	Tobacco	26.31	18.95	22.14	34.51	32.47
1	Belgium	11.03	68.26	35.81	50.90	61.72
2	C.I.S	60.76	180.94	37.49	81.68	86.23
3	Germany	137.73	100.61	55.74	70.04	83.39
4	Netherlands	46.64	113.93	45.44	71.20	69.27
5	S.africa	5.87	67.40	47.20	52.49	45.77
6	Singapore	13.31	29.62	29.77	38.00	35.22
7	U.A.E	36.62	70.98	57.54	62.15	64.47
8	U.K	16.53	68.14	35.67	45.21	42.52
9	U.S.A	123.23	55.52	48.64	48.70	67.07
10	Yemen	559.15	60.22	75.58	80.18	150.59
5	Spices	6.91	10.22	13.96	15.97	20.89
1	Bangladesh	443.33	308.77	61.23	174.40	219.52
2	C.I.S	65.94	184.00	22.05	76.71	76.87
3	Germany	21.79	25.66	18.62	20.47	26.41
4	Japan	32.79	41.99	17.06	30.31	33.42
5	S.arabia	21.19	44.75	24.89	34.10	31.27
6	S.lanka	71.50	69.39	47.89	59.84	99.44
7	Singapore	9.66	48.26	27.71	34.64	32.24
8	Spain	121.43	29.44	55.89	54.85	65.85
9	U.A.E	97.35	25.07	24.04	33.68	55.14
10	U.K	4.95	12.29	7.87	9.31	10.06
11	U.S.A	25.61	30.15	20.60	26.43	25.90
6	Cashew	20.39	13.35	22.96	19.85	20.12
1	Canada	34.10	136.57	44.13	79.93	73.14
2	France	157.66	98.89	30.40	57.15	74.36
3	Isreal	253.24	47.86	23.00	37.01	87.09
4	Italy	123.72	53.38	31.54	39.95	68.27
5	Japan	25.70	12.80	16.80	15.25	18.11
6	Netherlands	54.49	6.55	14.54	17.79	27.53
7	S.arabia	74.45	34.78	23.00	25.71	44.91
8	U.A.E	13.35	40.62	16.59	24.66	42.17
9	U.K	66.71	56.31	15.22	35.32	61.01
10	U.S.A	27.95	26.97	10.74	17.26	33.17

Continue...

APPENDIX: A-13

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
INSTABILITY INDEX (PERCENT SHARE)**

Sino	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
7	Oil meals	25.84	31.80	44.97	42.10	39.33
1	Bangladesh	26.00	50.42	141.32	139.68	118.75
2	C.I.S	70.40	102.32	823.42	555.48	543.78
3	Indonesia	307.53	48.79	31.59	36.76	157.39
4	Japan	145.32	67.53	90.36	83.73	96.57
5	Pakistan	134.71	18.81	94.99	79.71	116.87
6	S.korea	1322.00	42.19	47.15	49.52	440.84
7	S.lanka	219.11	18.54	30.54	30.99	72.16
8	Singapore	50.13	77.87	53.73	64.13	122.96
9	Thailand	45.18	54.49	181.47	143.29	128.68
10	Vietnam	675.02	482.83	55.35	182.71	275.23
8	Marine product	17.92	19.48	10.41	14.00	14.84
1	China	190.89	246.50	40.51	158.83	209.05
2	Hong-kong	75.53	20.03	27.19	30.03	44.08
3	Italy	48.38	38.62	30.94	38.14	50.09
4	Japan	1.31	3.43	11.83	10.74	9.53
5	Spain	30.03	45.61	30.27	40.06	39.26
6	Thailand	161.44	102.81	32.17	54.58	94.72
7	U.A.E	10.70	41.60	29.13	38.71	46.12
8	U.K	20.98	12.54	42.84	35.21	32.67
9	U.S.A	6.99	16.57	22.65	20.62	19.00
9	Iron Ore	2.95	20.9	40.96	37.46	32.73
1	Belgium	661.15	100.49	132.08	121.39	301.77
2	China	47.41	105.18	16.98	52.22	90.35
3	Iran	340.37	26.89	587.61	400.71	448.83
4	Japan	8.13	4.66	41.52	33.85	30.24
5	S.korea	2.90	36.40	90.01	76.12	65.74
6	Pakistan	29.07	88.04	81.03	80.89	71.77
7	Turkey	30.31	5.23	937.30	577.95	452.92

Continue...

APPENDIX: A-13

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
INSTABILITY INDEX (PERCENT SHARE)**

Sino	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
10	Leather manufacture	9.18	8.23	8.71	8.49	8.93
1	France	10.89	20.05	7.51	12.41	12.72
2	Germany	12.62	6.56	7.21	7.38	8.97
3	Hong-kong	20.37	17.28	18.84	17.73	21.28
4	Italy	16.41	7.75	14.43	13.09	14.41
5	Netherlands	8.78	15.64	9.48	11.28	10.86
6	Portugal	11.18	21.10	19.16	19.35	17.83
7	C.I.S	26.21	63.15	48.60	56.69	51.42
8	Spain	16.06	23.40	13.31	16.16	16.39
9	U.K	4.27	5.27	11.19	9.92	9.28
10	U.S.A	9.16	9.80	10.35	11.52	11.56
11	Gems & Jewelry	21.61	6.20	12.05	11.18	13.02
1	Belgium	7.44	5.55	7.43	7.15	8.81
2	Hong-kong	13.84	11.30	7.94	11.01	11.24
3	Israel	18.29	10.05	17.06	14.93	16.76
4	Japan	4.99	10.04	17.48	17.34	16.35
5	Singapore	27.48	16.72	129.04	98.87	86.10
6	Switzerland	6.56	27.27	15.47	22.13	19.81
7	Thailand	17.86	24.22	31.11	29.15	30.28
8	U.A.E	29.22	17.61	32.10	36.27	48.05
9	U.K	18.01	17.59	29.61	26.08	25.41
10	U.S.A	4.60	10.55	7.18	8.56	8.30
12	Chemicals	10.18	12.88	4.90	8.16	10.14
1	Brazil	16.78	42.76	15.38	31.93	30.14
2	China	152.07	81.39	18.15	69.48	98.12
3	Germany	18.33	15.64	10.15	11.99	13.14
4	Hong-kong	63.58	5.30	28.31	27.07	35.40
5	Italy	10.46	26.98	11.54	17.00	16.19
6	Netherland	12.23	10.47	11.49	14.35	14.21
7	C.I.S	16.99	98.35	32.94	56.25	51.45
8	U.A.E	11.95	33.06	25.12	27.29	30.63
9	U.K	21.79	16.03	19.50	18.48	18.70
10	U.S.A	1.29	12.83	11.98	13.28	12.34

Continue...

APPENDIX: A-13

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
INSTABILITY INDEX (PERCENT SHARE)**

Sino	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
13	Engineering goods	7.45	3.15	6.87	5.97	6.39
1	Bangladesh	22.89	32.04	34.14	35.48	33.93
2	Germany	21.45	18.72	11.89	16.23	17.58
3	Hong-kong	26.16	11.00	26.43	28.75	28.92
4	Italy	39.25	62.01	26.68	39.16	48.33
5	Malaysia	17.36	19.10	54.52	46.60	44.99
6	Singapore	63.44	22.47	22.99	23.27	33.13
7	S.lanka	109.46	26.49	18.50	20.66	40.23
8	U.A.E	40.53	14.13	19.12	17.58	25.62
9	U.K	9.87	7.30	10.10	11.13	11.10
10	U.S.A	9.10	6.67	48.11	38.61	34.50
14	Cotton	18.46	11.05	7.43	11.68	13.32
1	Bangladesh	26.95	14.34	27.76	24.14	25.89
2	Germany	10.71	10.22	7.43	8.58	9.92
3	Hong-kong	31.74	48.83	20.52	36.17	35.60
4	Italy	27.09	11.95	15.72	18.44	20.27
5	Japan	54.64	15.53	17.03	16.14	25.44
6	S.korea	68.30	111.82	35.10	58.49	78.15
7	Mauritus	16.19	10.99	17.74	19.29	18.90
8	U.A.E	45.89	13.06	16.52	16.20	27.06
9	U.K	31.71	10.45	6.74	8.53	14.11
10	U.S.A	1.86	8.91	10.74	10.47	11.76
15	Readymade Garments	10.47	7.84	10.56	9.61	9.70
1	Canada	6.73	5.87	8.63	8.02	8.20
2	France	4.41	11.92	5.49	7.61	7.01
3	Germany	6.66	5.12	14.06	11.77	11.80
4	Italy	13.27	15.09	9.33	12.80	15.37
5	Japan	24.89	7.69	18.69	17.19	22.69
6	Netherland	5.33	10.19	14.13	13.00	12.10
7	C.I.S	18.12	50.69	113.42	92.48	82.16
8	U.A.E	18.85	27.87	40.40	37.39	39.58
9	U.K	15.47	5.95	11.80	10.15	11.36
10	U.S.A	9.44	11.17	9.57	10.09	11.08

Continue...

APPENDIX: A-13

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
INSTABILITY INDEX (PERCENT SHARE)**

Sino	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
16	Jute	9.29	14.45	17.72	16.73	15.68
1	Australia	44.03	32.90	41.93	38.70	39.95
2	Belgium	11.65	47.73	27.28	35.09	42.99
3	Egypt	76.15	20.35	21.59	24.35	35.94
4	Germany	24.38	43.12	22.99	39.42	40.32
5	Italy	31.01	44.87	15.57	25.23	38.09
6	Japan	48.31	21.65	28.39	25.87	29.60
7	S.arabia	93.95	22.23	26.05	24.63	43.39
8	Turkey	75.45	67.71	36.08	47.31	61.14
9	U.K	29.24	22.54	28.16	26.75	26.91
10	U.S.A	15.37	37.83	14.58	22.65	24.28
17	Carpets	2.15	9.21	11.58	10.92	13.71
1	Australia	4.11	16.25	16.97	18.26	20.63
2	Canada	25.36	7.31	8.41	9.24	15.90
3	France	9.73	23.27	13.36	17.76	16.83
4	Germany	4.97	6.52	12.71	10.90	11.02
5	Italy	18.74	11.19	16.03	17.30	18.20
6	Japan	10.73	33.02	18.79	27.97	40.66
7	Spain	67.18	20.98	16.42	19.55	41.36
8	Sweden	27.16	7.55	32.30	26.95	26.41
9	U.K	11.14	13.97	12.56	12.85	12.39
10	U.S.A	8.14	2.80	8.24	6.87	8.04

Calculated by Coppock's method.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-14

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (ABSOLUTE VALUE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I	Tea	23.86**	-0.71	1.63	4.40**	5.65*
1	C.I.S	40.00**	-0.89	-10.81	-3.44**	-1.28
2	Germany	9.54	6.85	2.70	7.83	7.46*
3	Iran	-8.65	-53.65*	11.99*	2.97	-1.78
4	Iraq	-82.76	17.00	28.39	67.78*	37.24*
5	Japan	36.53*	9.58	4.28	8.01**	9.13*
6	Poland	3.62	16.74	-11.70**	-6.25	1.05
7	U.A.E	25.75	35.92*	4.01*	10.77	16.69*
8	U.K	18.42*	-1.21	2.04	3.30**	5.61*
9	U.S.A	12.73	9.69	10.13	13.58	17.08*
2	Coffee	0.49	49.9*	-0.77*	7.84	10.43*
1	Belgium	-22.00	133.08*	4.72*	27.70	29.16*
2	C.I.S	14.54	28.40*	-3.63*	4.80	4.97*
3	Germany	10.57	54.28*	-5.95*	4.00	11.48*
4	Italy	3.63	66.44*	5.75*	12.25	17.39*
5	Netherland	-8.46	51.46*	-7.51*	5.54	9.66
6	Spain	-22.00	104.77	2.03	37.57	30.65*
7	Switzerland	-3.97	56.48	1.13	16.44	17.75*
8	U.K	0.00	53.49*	-0.67*	4.15	14.47*
9	U.S.A	-37.00	74.38*	-19.64*	-4.90	2.21
3	Rice	12.56	46.36*	8.03**	14.05	18.40*
1	Bangladesh	2.92	813.19*	6.88*	57.18	71.14*
2	France	74.94**	34.02*	1.84*	8.77**	22.24*
3	Kuwait	-23.27	46.29*	8.47*	13.15**	14.82*
4	S.arabia	27.97**	13.16*	4.66*	10.69	16.83*
5	Singapore	17.46	9.35**	15.64	19.98	29.90*
6	S.africa	49.09	528.86*	9.28*	63.16	68.73*
7	U.A.E	6.15	27.89**	14.20	10.24	15.00*
8	U.K	25.13**	7.39	6.59	8.81	13.94*
9	U.S.A	10.30	17.74	1.72	7.63	12.67

Continue...

APPENDIX: A-14

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (ABSOLUTE VALUE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
4	Tobacco	26.23**	-2.75	6.28	10.16	13.22*
1	Belgium	113.24*	-28.83*	9.92*	13.52*	21.20*
2	C.I.S	34.15	-10.13	-0.96	5.34	7.06*
3	Germany	32.70	-12.84	3.93	13.13	16.98*
4	Netherland	69.17**	-15.42	19.60**	14.88*	21.26*
5	S.arabia	9.68	-0.71	5.87	3.85	4.79*
6	Singapore	62.45**	-3.97	8.96	20.27	23.95*
7	U.A.E	-8.27	25.35*	15.93	18.57**	22.65*
8	U.K	14.84	-2.37	-7.69	-1.62	3.93**
9	U.S.A	79.28**	10.44	14.33	23.97	27.95*
10	Yemen	27.36	33.51**	19.25	24.49	21.49*
5	Spices	-10.30	21.64*	6.40*	12.95**	14.04*
1	Bangladesh	62.33	-3.82	26.83	14.41	20.03*
2	C.I.S	-8.65	12.47	0.03	4.81	-0.93
3	Germany	-11.55	23.54*	7.87	14.33**	12.85*
4	Japan	14.47	13.81*	5.54	13.89	16.85*
5	S.arabia	-16.75**	12.00	11.75	13.10*	11.31*
6	S.lanka	-24.31**	13.40	20.75	15.38**	20.46*
7	Singapore	0.01	16.53*	0.46*	9.35	14.73*
8	Spain	-16.40	62.29	0.93	19.47	20.66*
9	U.A.E	-15.61	25.06*	8.35**	11.06**	15.40*
10	U.K	3.89	26.52*	-6.52*	14.08	17.61*
11	U.S.A	-13.10	23.61*	1.26*	10.96	15.82*
6	Cashew	14.31**	18.75*	5.87**	8.39	12.15*
1	Canada	-7.79	1.18	12.34	13.89	16.66*
2	France	90.37**	102.37*	10.26*	29.79	40.70*
3	Isreal	99.53*	51.15*	-4.06*	7.03**	22.55*
4	Italy	7.18	41.42*	7.12	27.01*	24.48*
5	Japan	10.95	14.15*	-1.18*	2.05	6.53*
6	Netherland	7.83	6.71	-0.31	4.22	9.45*
7	S.arabia	7.18	36.64*	15.28**	21.90	26.56*
8	U.A.E	-25.28*	23.09*	15.99	16.85*	19.45*
9	U.K	-36.79*	14.23	1.14	8.39*	16.94*
10	U.S.A	-15.34	15.59**	6.67	10.47**	17.77*

Continue...

APPENDIX: A-14

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (ABSOLUTE VALUE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
7	Oil meals	42.64**	22.44	5.82*	6.62**	12.66*
1	Bangladesh	68.77	14.87	71.54	63.89	58.74*
2	C.I.S	192.17	32.88	-19.29	19.56**	-19.21*
3	Indonesia	174.77*	51.18*	6.01*	10.11*	37.50*
4	Japan	169.55*	69.31*	11.30**	20.48**	36.80*
5	Pakistan	429.36*	45.71**	13.80	12.84*	33.41*
6	S.korea	-50.79	63.02*	6.97*	13.65**	33.55*
7	S.lanka	1.71	34.39*	13.84**	14.24	23.96*
8	Singapore	5.92	25.89	-7.80	-3.06	21.21*
9	Thailand	151.50*	43.83	5.35	4.34*	19.43*
10	Vietnam	-22.32	316.61*	31.03*	66.93	64.67
8	Marine product	20.34*	27.26*	6.05*	10.16	14.99*
1	China	-59.29	437.43*	4.78*	49.44**	55.69*
2	Hong-kong	76.40*	15.16	6.67	6.05*	18.10*
3	Italy	116.89*	19.45*	11.85	5.87*	14.58*
4	Japan	11.31	25.16*	-6.39*	2.01	7.60*
5	Spain	51.04*	4.99	20.30**	12.05**	15.66*
6	Thailand	145.65*	64.84*	4.92*	14.57*	35.08*
7	U.A.E	18.37	64.11*	-7.23*	3.39	20.16*
8	U.K	33.73*	20.49**	13.18	10.18**	12.76*
9	U.S.A	12.78	27.25*	14.87	17.52	20.10*
9	Iron Ore	25.06	5.37	32.91	19.01	16.30*
1	Belgium	-62.46**	29.67	9.09	11.58*	14.98*
2	China	-3.97	60.16*	60.56	45.97**	59.87*
3	Iran	508.08*	21.11	-41.48**	-24.17*	3.85
4	Japan	21.15	1.23	8.46	3.68	4.65*
5	S.korea	28.12	8.01	15.97	6.67	5.68*
6	Pakistan	38.02	4.22	23.89	13.42	13.62*
7	Turkey	51.68	9.40	-4.13	-11.97	-6.32

Continue...

APPENDIX: A-14

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (ABSOLUTE VALUE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
10	Leather manufacture	27.70*	16.98*	8.50*	9.29*	11.98*
1	France	17.26*	15.88*	10.76	9.57	12.26*
2	Germany	33.83*	17.34*	2.31*	4.44*	8.63*
3	Hong-kong	8.43	26.86*	24.30	20.17	22.58*
4	Italy	29.93*	26.14	8.81*	10.79**	13.22*
5	Netherland	25.89*	21.32*	10.24**	13.31	16.44*
6	Portugal	35.13*	10.76**	8.22	10.93**	14.16*
7	C.I.S	13.41	-10.85	-10.89	-11.30	-9.92*
8	Spain	48.57*	22.11*	18.53	19.98*	24.18*
9	U.K	34.31*	16.97*	6.80*	9.83*	12.87*
10	U.S.A	31.49*	22.15*	2.89*	6.11*	11.33*
11	Gems & Jewelry	25.59*	26.93*	15.69*	16.30	18.06*
1	Belgium	37.61*	21.16*	10.46*	12.19*	14.40*
2	Hong-kong	29.86**	45.71*	14.82*	17.37	21.48*
3	Isreal	16.85**	33.65*	22.50	24.57	25.41*
4	Japan	26.39*	21.35*	3.07*	2.23**	5.23*
5	Singapore	39.12	31.29	23.38	20.38	24.09*
6	Switzerland	25.13**	15.46**	7.28	13.40	13.85*
7	Thailand	65.30*	37.33*	13.44**	12.58*	15.69*
8	U.A.E	33.69*	4.24	44.09*	35.85	37.02*
9	U.K	34.52*	18.71*	11.60	16.72	17.34*
10	U.S.A	16.58**	24.25*	12.71**	15.52	17.51*
12	Chemicals	49.11*	23.23*	18.23	19.53*	22.45*
1	Brazil	100*	96.26*	25.76*	37.80**	49.78*
2	China	-29.29	203.02*	35.61*	49.17**	56.11*
3	Germany	36.94*	22.01*	13.52**	14.33*	17.68*
4	Hong-kong	56.91**	36.84*	-3.09**	8.72**	16.96*
5	Italy	32.66*	27.57*	12.89*	16.88	21.20*
6	Netherland	41.04*	40.31*	10.47*	17.14	22.80*
7	C.I.S	72.58*	-7.60	11.68	6.46*	5.20*
8	U.A.E	24.02**	32.52*	15.35**	20.90	28.06*
9	U.K	48.85*	26.95*	13.02**	15.60*	20.35*
10	U.S.A	43.01*	18.45*	18.89	19.63*	23.06*

Continue...

APPENDIX: A-14

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (ABSOLUTE VALUE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
13	Engineering goods	39.99*	26.77*	23.18	21.37**	23.41*
1	Bangladesh	40.14*	40.73*	12.58*	16.79	18.99*
2	Germany	35.14*	34.99*	22.78*	21.79**	25.75*
3	Hong-kong	24.99	63.80*	13.43*	19.94	27.49*
4	Italy	41.68*	7.11	29.09**	26.50	31.79*
5	Malaysia	83.27*	27.12*	12.07	16.23*	23.96*
6	Singapore	47.90*	34.08*	23.44	19.13	22.44*
7	S.lanka	30.49**	33.26*	20.17	18.52	24.20*
8	U.A.E	65.97*	37.63*	25.77	23.95*	31.69*
9	U.K	32.16*	38.32*	17.77*	19.76	23.52*
10	U.S.A	35.54**	37.94*	27.95	27.47	29.53*
14	Cotton	23.17**	29.23*	4.91*	11.29	16.45*
1	Bangladesh	50.93*	30.99*	1.18*	4.39*	11.76*
2	Germany	27.38*	24.96*	1.44*	5.92**	11.24*
3	Hong-kong	36.36	38.64*	-10.18*	9.10	18.04*
4	Italy	16.85	29.39*	9.07*	12.81	16.18*
5	Japan	18.19	32.69*	0.84*	8.05	14.04*
6	S.korea	-9.57	35.72**	9.45	18.19	23.99*
7	Mauritus	37.71	53.85*	-3.62*	9.21	18.89*
8	U.A.E	48.24*	13.45*	3.48**	7.35*	14.29*
9	U.K	16.71	22.88*	-2.65*	2.46	8.98*
10	U.S.A	10.45	25.90*	9.92*	15.08	19.38*
15	Readymade Garments	32.31*	22.56*	11.00*	13.43*	16.94*
1	Canada	34.51*	23.93*	9.34**	14.72	19.00*
2	France	32.20*	24.16*	11.39*	14.17*	18.01*
3	Germany	39.34*	19.15*	7.57*	8.14*	11.65*
4	Italy	12.21**	17.90*	17.11	14.70	16.81*
5	Japan	55.55*	14.58*	4.97	3.98*	10.26*
6	Netherland	34.46*	27.16*	11.14*	12.04*	15.59*
7	C.I.S	24.90	4.89	-5.67	5.46	5.29**
8	U.A.E	110.42*	8.32	14.51	18.69*	26.26*
9	U.K	36.49*	20.61*	14.60	13.20*	15.80*
10	U.S.A	20.27*	27.06*	10.10*	13.78	17.62*

Continue...

APPENDIX: A-14

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (ABSOLUTE VALUE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
16	Jute	9.16	12.89**	9.80	8.75	9.20*
1	Australia	-10.19	7.39	4.49	8.28**	10.28*
2	Belgium	-4.51	27.34*	-2.72*	1.54	10.53*
3	Egypt	29.63**	13.06**	10.60	11.81	16.32*
4	Germany	9.10	29.60*	19.39	13.45	11.86*
5	Italy	-18.77**	21.92**	19.20	21.22*	22.32*
6	Japan	-0.57	7.49	3.12	4.23	6.80*
7	S.arabia	-0.27	4.60	12.19	12.25	15.01*
8	Turkey	0.01	33.16**	6.50**	10.37	22.98*
9	U.K	-2.46	17.50*	3.86**	5.37	7.18*
10	U.S.A	3.14	7.72	13.84	11.52	13.16*
17	Carpets	18.09*	10.16*	6.00	6.44**	10.81*
1	Australia	29.91*	28.87*	5.93*	8.23**	12.89*
2	Canada	-3.93	3.58	7.14	5.48	7.63*
3	France	20.55	18.70*	0.59*	7.43	12.01*
4	Germany	24.16*	4.44	0.25	0.01*	4.68*
5	Italy	22.31**	6.09	9.16	3.99	10.33*
6	Japan	31.85**	32.01*	-2.85*	-0.99**	13.80*
7	Spain	2.92	28.21*	13.87**	19.60	27.03*
8	Sweden	20.68**	10.68	0.35	2.45	9.52*
9	U.K	22.11*	9.72*	13.93	14.01**	16.76*
10	U.S.A	14.28**	12.67*	7.50	9.55	14.27*

(*): Significant at 1 percent level, (**): Significant at 5 percent level.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09

APPENDIX: A-15

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (PERCENT SHARE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I	Tea	-3.59	-20.28*	-13.15	-10.75	-11.28*
1	C.I.S	13.03	-0.18	-11.75	-7.51	-6.56*
2	Germany	-11.56**	7.61	1.06	0.41**	1.71**
3	Iran	-26.25	-53.32*	10.20*	-1.37	-7.03**
4	Iraq	-86.08*	17.83	26.34	60.72*	29.90*
5	Japan	10.23	10.38	2.61	3.46**	3.29*
6	Poland	-16.34	17.57	-13.11*	-10.20	-4.35**
7	U.A.E	1.53	36.88*	2.34*	6.11	10.45*
8	U.K	-4.39	-0.50	0.40	-1.05	-0.03
9	U.S.A	-8.98	10.47	8.37	8.80	10.82*
2	Coffee	-21.78	20.38*	-15.20*	-8.32	-7.26*
1	Belgium	-22.38	55.46*	4.72*	19.08**	16.96*
2	C.I.S	13.98	-14.36**	-3.63	-2.27	-4.95*
3	Germany	10.03	2.90	-5.95	-3.02	0.95*
4	Italy	3.12	11.01**	5.75	4.67	6.30*
5	Netherland	-8.90	1.02	-7.51	-1.58	-0.70
6	Spain	-22.38	36.58	2.03	28.29	18.31*
7	Switzerland	-4.44	4.37	1.13	8.58	6.63**
8	U.K	0.49	2.38	-0.67*	-2.88	3.66
9	U.S.A	-38.27*	16.31**	-19.64	-11.3**	-7.45*
3	Rice	-12.37	17.51	-7.68*	-2.50	-0.56
1	Bangladesh	-8.57	523.93*	-1.06*	37.81	44.55*
2	France	55.42**	-8.43	-5.72	-4.63**	3.25
3	Kuwait	-31.83	-0.05	0.41	-1.79	-3.02
4	S.arabia	13.69	-22.68**	-3.12**	-2.95	-1.32
5	Singapore	4.35	-25.29	7.05	5.20	9.72*
6	S.africa	32.39	329.66*	1.16*	43.05	42.52*
7	U.A.E	-5.70	-12.62	5.71	-3.34	-2.87**
8	U.K	-11.16	-26.62**	-1.33**	-4.59	-3.76**
9	U.S.A	-2.01	-19.56	-5.84	-5.64	-4.84**

Continue...

APPENDIX: A-15

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (PERCENT SHARE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
4	Tobacco	-1.75	-21.92*	-9.17**	-5.83	-4.92*
1	Belgium	68.93*	-26.82*	3.43*	3.05*	7.05*
2	C.I.S	6.28	-7.05	-6.81	-4.37	-5.45*
3	Germany	5.13	-10.37	-2.22	2.69	3.32**
4	Netherland	34.02	-13.02	12.53**	4.29	7.10*
5	S.arabia	-13.00	2.10	-0.38	-5.72	-7.45*
6	Singapore	28.70	-1.25	2.52	9.18	9.47*
7	U.A.E	-27.33**	28.90**	8.80	7.64*	8.32*
8	U.K	-9.02	4.40	-13.14	-10.69	-8.21*
9	U.S.A	42.03	13.57	7.57	12.54	13.00*
10	Yemen	0.90	37.30**	12.20	13.01	7.30**
5	Spices	-30.18*	-2.33	-9.07	-3.44*	-4.24*
1	Bangladesh	80.97	-20.93	19.20**	1.29	5.26
2	C.I.S	1.84	-7.54	-5.99	-7.21	-13.13*
3	Germany	-1.40	1.56	1.39	1.22	-1.04
4	Japan	27.61*	-6.44	-0.81	0.83*	2.47*
5	S.arabia	-7.19	-7.92	5.03	0.14	-2.39**
6	S.lanka	-15.62	-6.78	13.49	2.15	5.63*
7	Singapore	11.48	-4.21*	-5.58	-3.18	0.61
8	Spain	-6.80	33.41	-5.14*	5.77	5.81*
9	U.A.E	-5.92	2.81	1.84	-1.67	1.19
10	U.K	15.82*	4.01	0.12	1.01*	3.14*
11	U.S.A	-3.12	1.62	-4.83	-1.76	1.57
6	Cashew	-11.02	-4.66	-9.52	-7.34	-5.82*
1	Canada	-19.33	-14.79	6.11	5.07	4.02**
2	France	66.53**	70.42*	4.15*	19.74	25.25*
3	Isreal	74.54**	27.28*	-9.38*	-1.26**	9.27*
4	Italy	-6.24	19.09**	1.18	17.18	10.99*
5	Japan	-2.94	-3.87	-6.66	-5.85	-4.97*
6	Netherland	-5.67	-10.14**	-5.83	-3.85	-2.42*
7	S.arabia	-6.24	15.07*	8.88	12.47	12.84*
8	U.A.E	-34.63*	3.65	9.56	7.80*	6.51*
9	U.K	-44.71*	-3.80	-4.47	0.01*	4.27**
10	U.S.A	-25.94*	-2.66	0.76	1.92*	5.01*

Continue...

APPENDIX: A-15

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (PERCENT SHARE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
7	Oil meals	11.02	-1.70	-9.57	-8.86	-5.47*
1	Bangladesh	18.32	-6.18	52.11	53.72	41.02*
2	C.I.S	104.83	8.12	-23.72	-24.55	-28.23*
3	Indonesia	92.22*	23.48*	0.18*	3.27*	22.15*
4	Japan	88.98**	38.28**	5.18	13.00**	21.53*
5	Pakistan	271.13*	19.00	7.55	5.84*	18.52*
6	S.korea	-65.50*	33.15*	1.09*	6.59*	18.64*
7	S.lanka	-28.69**	9.79	7.58	7.15**	10.12*
8	Singapore	-25.74	2.82	-12.87	-9.07	7.68
9	Thailand	76.32**	17.48	-0.44	-2.14**	6.10**
10	Vietnam	-45.54	240.26*	23.83*	56.57**	46.29*
8	Marine product	-6.33	2.18	-9.37**	-5.82	-3.43*
1	China	-66.17**	322.32	-1.20*	35.65**	35.39*
2	Hong-kong	46.58*	-9.51	0.59	-3.74*	2.70
3	Italy	8.23*	-6.14	5.47	-3.90*	-0.36
4	Japan	-7.50	-1.65	-11.73*	-7.40	-6.43*
5	Spain	25.50	-17.50*	13.44*	1.71	0.58
6	Thailand	104.12*	29.53**	-0.16**	4.00*	17.47*
7	U.A.E	-1.64	28.96*	-12.53*	-6.15	4.49
8	U.K.	11.12	-5.32	6.72	-0.08	-1.94**
9	U.S.A	-6.29	-0.01	8.32	6.68	4.44*
9	Iron Ore	-2.66	-15.40	13.58**	1.78	-2.34
1	Belgium	-69.68*	23.06	17.92**	-6.24*	-1.14
2	China	-23.22	52.00*	20.80**	22.65*	37.47*
3	Iran	386.21**	14.93	55.97**	-36.29*	-10.71
4	Japan	-3.13	-3.93	18.40**	-12.89	-10.02*
5	S.korea	2.45	2.51	-12.74	-10.37	-9.14*
6	Pakistan	10.36	-1.09	-6.79	-4.70	-2.31
7	Turkey	21.28	3.82	-27.87	-26.03	-19.45

Continue...

APPENDIX: A-15

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (PERCENT SHARE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
10	Leather manufacture	-0.61	-6.08**	-7.27	-6.59**	-5.96*
1	France	-8.17**	-0.94	2.08	0.28**	0.25
2	Germany	4.80	0.30	-5.71*	-4.42**	-2.99*
3	Hong-kong	-15.09	8.44	14.56	9.98**	9.47*
4	Italy	1.75	7.83**	0.28**	1.40	1.11*
5	Netherland	-1.41	3.71	1.60	3.70	3.98*
6	Portugal	5.82	-5.32	-0.26	1.52	1.95*
7	C.I.S	-11.19	-23.79**	-17.87	-18.82	-19.56*
8	Spain	17.13	4.38	9.24	9.81	158.82*
9	U.K	5.18	-0.01	-1.57	0.52	0.80**
10	U.S.A	2.97	4.42	-5.17*	-2.89	-0.58
11	Gems & Jewelry	-2.25	1.91	-1.13	-0.58	-0.86*
1	Belgium	9.57*	-4.54*	-4.53	-3.53*	-3.10*
2	Hong-kong	3.40	14.80*	-0.75*	0.93	2.90*
3	Isreal	-6.96	5.30	5.88	7.11*	6.23*
4	Japan	0.63	-4.39	-10.91*	12.10**	-10.86*
5	Singapore	10.77	3.44	6.65	3.51	5.11*
6	Switzerland	-0.37	-9.03	-7.27	-2.49	-3.57*
7	Thailand	31.61*	8.20	-1.95	-3.19*	-2.00
8	U.A.E	6.45	-17.87*	24.55*	16.81	16.06*
9	U.K	7.11	-6.48	-3.43	0.36	-0.61
10	U.S.A	-7.18	-2.11	-2.58	-0.67	-0.46
12	Chemicals	16.06*	-1.06	1.04	2.18*	2.83*
1	Brazil	34.13	59.26*	6.37*	15.28	22.32*
2	China	-52.58	145.89*	14.70*	24.80*	27.49*
3	Germany	-8.17*	-1.00	-3.98	-4.34	-3.89*
4	Hong-kong	5.23	11.04	-18.03*	-9.04	-4.48**
5	Italy	-11.04**	3.52	-4.52**	-2.22	-1.02
6	Netherland	-5.41	13.86*	-6.56*	-2.00	0.29
7	C.I.S	15.73	-25.02*	-5.54**	-10.93	-14.09*
8	U.A.E	-16.83**	7.54	-2.44	1.15**	4.59*
9	U.K	-0.18	3.02	-4.41	-3.28	-1.72*
10	U.S.A	-4.09	-3.88	0.56	0.08	0.50

Continue...

APPENDIX: A-15

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (PERCENT SHARE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
13	Engineering goods	8.96**	1.79	5.27	3.76	3.63*
1	Bangladesh	0.11	11.01	-8.61**	-3.77	-3.58*
2	Germany	-3.26	6.49**	-0.33**	0.35	1.90*
3	Hong-kong	-10.11	29.21*	-7.92*	-1.18	3.31**
4	Italy	1.21	-15.51**	4.79*	4.23	6.49*
5	Malaysia	30.92**	0.28	-9.02	-4.23**	0.45
6	Singapore	5.66	5.77	0.21	-1.85	-0.78
7	S.lanka	-6.78	5.12	-2.45	-2.35	0.64
8	U.A.E	18.57*	8.57**	2.10	2.13**	6.71*
9	U.K	-5.59	9.10*	-4.39*	-1.33	0.09
10	U.S.A	-3.18	8.81	3.87	5.03	4.96*
14	Cotton	-4.13	3.75	-10.34*	-4.86	-2.21**
1	Bangladesh	22.53**	1.37	-3.56	-6.20**	-4.03*
2	Germany	3.42	-3.30	-3.32	-4.82**	-4.48*
3	Hong-kong	10.71	7.28	-14.39*	-1.97	1.36
4	Italy	-5.13	0.13	3.96	1.37	-0.23
5	Japan	-4.05	2.68	-3.88	-2.91	-2.07*
6	S.korea	-26.58**	5.02	4.32	6.19**	6.47*
7	Mauritus	11.81	19.06*	-8.13*	-1.87	2.10
8	U.A.E	20.35**	-12.20*	-1.37*	-3.54*	-1.86**
9	U.K	-5.25	-4.91*	-7.21	-7.94	-6.41*
10	U.S.A	-10.33*	-2.57	4.77*	3.40*	2.51*
15	Readymade Garments	2.99	-1.60	-5.14	-3.03	-1.79*
1	Canada	1.39	1.12	-1.49	1.14	1.76*
2	France	-0.08	1.31	0.35	0.66	0.91*
3	Germany	5.31	-2.78	-3.09	-4.66	-4.53*
4	Italy	-15.19**	-3.80	5.51**	1.12**	-0.12
5	Japan	17.56**	-6.51	-5.43	-8.33*	-5.71*
6	Netherland	1.62	3.75	0.13	-1.22	-1.16*
7	C.I.S	-5.61	-14.44	-15.02	-7.03	-9.97*
8	U.A.E	59.03*	-11.06	3.17	4.64*	7.97*
9	U.K	3.16	-1.59	3.25	-0.20	-0.98
10	U.S.A	-9.11*	3.67	-0.81	0.31*	0.58

Continue...

APPENDIX: A-15

**EXPORTS OF SELECTED COMMODITIES TO SELECTED COUNTRIES:
GROWTH RATE (PERCENT SHARE)**

S.no	Commodity & countries	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
16	Jute	-15.04*	-9.36**	*6.17	-7.03	-8.30*
1	Australia	-17.73	-4.87	-4.83	-0.43	0.99
2	Belgium	-12.52	12.80	-11.40*	-6.63	1.22
3	Egypt	18.76	0.15	0.73	2.82	6.52*
4	Germany	-0.06	14.80**	8.73	4.33	2.44**
5	Italy	-25.59*	8.00	8.56	11.47*	12.02*
6	Japan	-8.91	-4.78	-9.08	-4.15	-2.20**
7	S.arabia	-8.61	-7.34	2.18**	3.22	5.32*
8	Turkey	-8.39	17.96	-3.00**	1.49	12.63*
9	U.K	-10.64	4.08	-5.41**	-3.11	-1.85**
10	U.S.A	-5.51	-4.58	3.68**	2.55	3.63*
17	Carpets	-8.08**	-11.64*	-9.41	-9.01	-6.95*
1	Australia	10.01	17.09*	-0.07*	1.69	1.88*
2	Canada	-18.64*	-5.89*	1.07*	-0.90*	-2.87*
3	France	2.08	7.85	-5.11**	0.93	1.09
4	Germany	5.14	-5.10	-5.42	-6.05*	-5.53*
5	Italy	3.57	-3.60	2.98	-2.30	-0.43
6	Japan	11.65	19.95*	-8.35*	-6.97	2.71
7	Spain	-12.85	16.49*	7.42**	12.36*	14.64*
8	Sweden	2.19	0.56	-5.33	-3.76	-1.16
9	U.K	3.40	-0.31	7.48**	7.11	5.38*
10	U.S.A	-3.22	2.38	1.41	2.93	3.12*

(*): Significant at 1 percent level, (**): Significant at 5 percent level.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09

APPENDIX: A-16

GROUP AND COUNTRY WISE AVERAGE PERCENT SHARE OF INDIAN IMPORTS

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I.	OECD	53.95	54.04	41.78	45.61	49.01
A.	EU	27.70	28.42	19.64	22.39	24.55
	Belgium	5.17	6.48	5.28	5.62	5.46
	France	2.85	2.57	1.80	2.04	2.37
	Germany	7.69	7.89	4.69	5.69	6.51
	Italy	1.94	2.50	1.66	1.92	1.94
	Nether.L	1.38	1.54	0.86	1.08	1.38
	U.K	7.04	5.96	4.63	5.04	5.86
B.	N.America	12.71	11.72	8.11	9.23	10.65
	Canada	1.93	1.24	0.84	0.97	1.36
	U.S.A	10.86	10.48	7.21	8.23	9.30
C.	Asia & Oceania	10.68	10.17	7.06	8.03	9.11
	Australia	2.06	3.13	3.02	3.05	2.65
	Japan	8.43	6.77	4.00	4.87	6.32
D.	Switzerland	1.02	2.07	5.08	4.14	2.87
II.	O.P.E.C	16.65	21.17	14.85	16.83	16.72
	Indonesia	0.23	0.70	2.05	1.63	1.06
	Iran	4.27	1.99	1.37	1.56	2.67
	Iraq	3.04	0.00	0.46	0.32	1.43
	Kuwait	1.98	4.29	2.16	2.82	2.48
	S.Arabia	5.84	6.37	3.35	4.30	4.93
	U.A.E	2.96	5.11	3.32	3.88	3.51
III.	Eastern Europe	10.01	3.60	2.21	2.64	5.64
	Romania	0.49	0.21	0.13	0.16	0.29
	Russia	7.64	2.03	1.25	1.49	4.00
IV.	Developing Co	16.78	21.18	25.81	24.37	21.27
A.	ASIA	11.96	16.01	19.55	18.45	15.80
i.	S.A.A.R.C	0.62	0.66	0.85	0.79	0.72
	Bangladesh	0.06	0.10	0.12	0.11	0.10
	Bhutan	0.00	0.04	0.05	0.05	0.04
	Maldives	0.01	0.00	0.00	0.00	0.01
	Nepal	0.13	0.13	0.35	0.28	0.25
	Pakistan	0.18	0.31	0.15	0.20	0.19
	Sri.lanka	0.07	0.09	0.18	0.15	0.13

Continue...

APPENDIX: A-16

GROUP AND COUNTRY WISE AVERAGE PERCENT SHARE OF INDIAN IMPORTS

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii.	Asian Developing Countries	12.55	15.35	18.65	17.62	16.61
	China	0.37	1.37	4.50	3.52	2.89
	Hongkong	0.64	0.84	1.39	1.22	1.10
	S.Korea	1.57	2.03	2.68	2.47	2.29
	Malaysia	2.69	1.83	2.69	2.42	2.47
	Singapore	2.48	3.06	2.72	2.83	2.76
	Thailand	0.44	0.36	0.71	0.60	0.57
B.	AFRICA	2.55	3.39	4.52	4.71	3.51
	Benin	0.00	0.02	0.06	0.05	0.04
	Egypt	0.23	0.41	0.36	0.38	0.35
	Kenya	0.05	0.05	0.05	0.05	0.05
	Sudan	0.04	0.02	0.03	0.02	0.03
	Tanzania	0.14	0.21	0.15	0.17	0.17
	Zambia	0.44	0.23	0.08	0.12	0.19
C.	Latin American Countries	2.24	1.77	1.79	1.79	1.97

Source: Calculated from the data *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-17

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to	1991-92 to 2006-07			1980-81 to
		1990-91	1991-92 to	1996-97 to	Overall	2006-07
			1995-96	2006-07		
I.	OECD	8.35	10.02	10.87	11.18	10.23
A	EU	6.80	17.10	89.53	72.74	52.73
	Belgium	16.03	42.13	17.19	26.09	22.87
	France	38.21	13.91	29.78	25.86	30.50
	Germany	12.68	10.84	28.60	25.00	20.40
	Italy	17.29	12.32	22.87	21.98	20.04
	Nether.L	19.02	23.10	17.26	20.86	20.64
	U.K	16.41	11.81	10.70	11.70	13.66
B	N.America	18.94	10.99	13.84	14.03	16.46
	Canada	16.03	42.13	17.19	26.09	22.87
	U.S.A	38.21	13.91	29.78	25.86	30.50
C	Asia & Oceania	17.65	9.70	18.49	16.41	16.79
	Australia	47.47	27.64	25.30	25.28	34.80
	Japan	20.31	5.50	19.07	17.65	18.51
D.	Switzerland	37.70	36.68	36.36	39.64	40.35
II.	O.P.E.C	91.79	10.13	108.78	83.03	84.41
	Indonesia	281.32	43.79	11.22	28.97	134.90
	Iran	184.87	23.12	148.64	113.18	140.11
	Iraq	141.64	272.36	3534.32	2154.37	1259.18
	Kuwait	62.73	49.41	256.86	192.67	142.87
	S.Arabia	56.42	11.67	135.93	102.37	82.78
	U.A.E	49.21	18.70	73.47	58.23	54.04
III	Eastern Europe	22.48	51.10	19.21	33.67	30.85
	Romania	52.31	107.42	74.43	86.19	74.11
	Russia	33.48	85.73	19.64	44.03	40.70
IV	Developing Co	15.09	12.74	18.12	16.61	16.25
A	ASIA	15.85	6.14	15.06	13.56	14.90
i.	S.A.A.R.C	46.02	41.77	29.03	32.44	38.70
	Bangladesh	31.30	20.39	38.88	51.28	57.23
	Bhutan	59.23	49.48	70.40	94.46	95.28
	Maldives	389.80	43.81	70.97	50.95	108.18
	Nepal	1391.28	12.47	28.74	24.39	198.64
	Pakistan	67.49	79.34	99.23	93.31	91.23
	Sri.lanka	59.12	4.41	37.91	31.45	39.75

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APPENDIX: A-17

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii.	Asian Developing Countries	992.33	5.15	15.98	14.10	346.61
	China	52.32	92.09	14.07	60.70	73.79
	Hongkong	9.08	17.37	23.31	25.70	25.12
	S.Korea	7.84	16.80	26.80	24.32	21.65
	Malaysia	30.68	55.90	37.01	41.58	39.79
	Singapore	4.02	13.44	16.81	15.92	19.96
	Thailand	160.10	53.48	15.59	29.64	56.59
B	AFRICA	34.92	32.96	34.34	32.70	35.23
	Benin	38.65	42.68	45.91	52.61	55.11
	Egypt	324.51	166.92	221.25	187.42	204.31
	Kenya	37.82	44.53	35.77	29.53	41.42
	Sudan	543.00	1045.64	83.32	150.78	216.70
	Tanzania	36.70	35.25	41.07	42.46	40.66
	Zambia	173.51	30.90	65.84	58.65	78.10
C	Latin American Countries	29.72	59.49	29.89	38.80	35.79
	Total Imports	7.33	6.74	8.73	8.53	8.72

Calculated by Coppock's method.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-18

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN IMPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I.	OECD	7.81	4.84	6.90	6.26	7.25
A.	EU	8.55	12.06	92.67	73.69	54.60
	Belgium	17.30	37.54	18.48	25.73	24.45
	France	39.03	10.05	25.28	21.90	29.07
	Germany	14.38	6.73	24.23	20.38	17.98
	Italy	17.53	6.53	20.55	18.08	17.87
	Nether.L	20.53	16.85	13.80	15.52	18.23
	U.K	17.15	9.55	13.80	12.80	15.03
B.	N.America	12.43	9.51	10.42	10.25	11.25
	Canada	17.30	37.54	18.48	25.73	24.45
	U.S.A	39.03	10.05	25.28	21.90	29.07
C.	Asia & Oceania	18.57	7.42	14.48	12.40	17.81
	Australia	45.18	23.08	24.36	23.79	33.18
	Japan	22.41	7.06	17.89	15.67	18.90
D.	Switzerland	36.25	35.19	37.10	38.18	38.70
II.	O.P.E.C	91.23	6.15	99.53	76.32	80.80
	Indonesia	251.25	50.95	12.46	30.33	123.67
	Iran	173.10	25.78	151.60	116.46	136.67
	Iraq	140.96	262.89	3525.09	2205.33	1272.44
	Kuwait	64.55	45.36	238.81	179.15	134.89
	S.Arabia	55.32	7.65	124.45	94.53	77.74
	U.A.E	44.85	20.06	66.69	53.74	50.24
III.	Eastern Europe	21.19	51.63	13.08	30.23	27.77
	Romania	50.44	95.18	71.58	79.51	68.41
	Russia	32.30	87.99	15.25	42.86	39.39
IV.	Developing Co	12.60	13.82	14.25	13.78	13.21
A.	ASIA	13.45	6.74	10.32	9.36	10.95
i.	S.A.A.R.C	43.98	34.72	30.42	30.79	36.41
	Bangladesh	32.95	24.95	36.43	47.45	52.94
	Bhutan	60.20	51.80	66.53	89.00	89.93
	Maldives	390.80	47.97	64.68	48.13	105.89
	Nepal	1407.46	14.46	35.86	30.37	201.96
	Pakistan	66.89	71.63	98.06	91.32	90.40
	Sri.lanka	58.47	11.35	35.41	29.35	36.94

Continue...

APPENDIX: A-18

**GROUP AND COUNTRY WISE INSTABILITY INDEX OF INDIAN IMPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii.	Asian Developing Countries	996.60	7.13	11.25	10.10	348.66
	China	52.86	93.79	11.80	57.64	72.10
	Hongkong	7.47	13.55	22.66	22.73	21.59
	S.Korea	53.73	21.04	26.73	24.49	21.73
	Malaysia	32.35	49.65	33.89	37.53	36.73
	Singapore	5.40	14.08	13.34	13.52	14.61
	Thailand	158.46	55.69	15.02	29.52	56.03
B.	AFRICA	35.52	32.15	33.14	32.10	35.81
	Benin	40.65	38.20	46.10	49.48	54.52
	Egypt	329.14	137.20	214.29	184.84	204.06
	Kenya	49.39	12.64	40.38	33.79	42.41
	Sudan	536.13	236.22	86.52	148.26	212.33
	Tanzania	38.83	35.24	41.43	41.15	40.39
	Zambia	174.17	24.80	60.90	54.69	75.14
C.	Latin American Countries	26.08	63.43	25.87	37.95	33.26

Calculated by Coppock's method.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-19

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I.	OECD	15.75*	23.10*	14.41	14.79	16.12*
A.	EU	17.46*	21.77	2.19	8.42**	13.98*
	Belgium	23.45*	7.09	8.95	12.98*	17.89*
	France	19.58*	14.59	21.65	15.88	15.65*
	Germany	17.00*	26.83**	16.05	12.76	14.75*
	Italy	15.72*	31.89*	11.17**	12.31	16.32*
	Nether.L	12.06*	23.88*	11.22	10.70	12.51*
	U.K	16.12*	19.04*	8.25*	12.34**	14.47*
B.	N.America	11.76*	24.22*	15.17	14.03	14.69*
	Canada	5.03*	9.61	16.75	14.24*	12.16*
	U.S.A	12.55*	26.18*	14.83	13.92	14.98*
C.	Asia & Oceania	16.91*	23.33*	14.02	13.59	15.21*
	Australia	21.11*	20.90**	20.24	18.63	21.19*
	Japan	15.78*	25.09*	8.98*	10.31*	12.64*
D.	Switzerland	15.78*	69.78*	18.49*	29.50*	28.90*
II.	O.P.E.C	13.30**	26.04	10.41	10.78	15.92*
	Indonesia	66.91*	86.71*	23.39*	34.60**	43.41*
	Iran	-8.24	11.05	17.24	12.27*	9.75*
	Iraq	-7.28	-58.86	27.26	78.98	-4.43
	Kuwait	8.41	59.73	-7.92	-2.58	11.03*
	S.Arabia	9.80	15.23	4.08	4.56	11.14*
	U.A.E	17.50*	16.42	16.70	13.07	18.40*
III.	Eastern Europe	7.26*	25.80**	18.61	14.43**	8.35*
	Romania	-3.08	50.79**	18.02	14.01**	8.51*
	Russia	5.58**	18.38	16.02	14.03**	6.39*
IV.	Developing Co	15.64*	29.10*	21.27	21.59*	21.02*
A.	ASIA	15.48*	31.85*	22.34	22.02*	21.48*
i.	S.A.A.R.C	3.71	22.81*	21.71	22.08*	19.63*
	Bangladesh	29.8	116.78*	11.54*	22.39	24.34*
	Bhutan	71.8	237.50*	27.68*	36.68	47.48*
	Maldives	111.10**	0.01	26.63**	15.08**	11.39*
	Nepal	-15.53	24.25**	19.04	27.95	32.15*
	Pakistan	35.32	-13.90	15.34	9.70	14.01*
	Sri.lanka	41.09**	50.54*	39.22	32.01	29.47*

Continue...

APPENDIX: A-19

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii.	Asian Developing Countries	29.63*	32.30*	22.25	21.96	22.95*
	China	-32.73	167.22*	38.17*	44.46*	45.55*
	Hongkong	35.90*	46.28*	26.31*	26.65	26.98*
	S.Korea	25.24**	37.19*	21.86	22.76	23.94*
	Malaysia	3.11	28.87*	13.86	21.04	19.66*
	Singapore	49.91*	21.50*	16.86	16.94*	19.40*
	Thailand	8.20	53.25*	25.04*	28.75	26.56*
B.	AFRICA	20.40*	17.39**	15.58	20.1	21.94*
	Benin	23.11	63.34*	25.99	31.89	41.06*
	Egypt	-21.25	19.92	17.05	14.98	20.18*
	Kenya	69.66*	21.49*	12.96	16.76*	18.20*
	Sudan	-2.68	171.62*	30.05*	33.51	26.18*
	Tanzania	14.20	36.92*	5.87*	11.16	16.27*
	Zambia	18.06	8.92	-3.77	-2.31	-0.17
C.	Latin American Countries	12.19*	28.96*	24.2	20.86*	16.70*
	Total Imports	12.42*	25.02*	19.07	18.87*	17.85*

(*): Significant at the 1 percent level, (**): Significant at the 5 percent level.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-20

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN IMPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I.	OECD	2.96*	-1.54	-3.91	-3.43*	-1.46*
A.	EU	4.48	-2.60	-14.71	-8.79*	-3.28*
	Belgium	9.81*	-14.34**	-8.50	-4.95*	0.04
	France	6.37*	-8.34	2.17	-2.51*	-1.87*
	Germany	4.07**	1.44	-2.54	-5.13*	-2.63*
	Italy	2.94**	5.49	-6.64**	-5.52*	-1.30**
	Nether.L	-0.32	-0.91	-6.59**	-6.87*	-4.53*
	U.K	3.30**	*4.79	-9.08	-5.49*	-2.87*
B.	N.America	-0.59	-0.64	-3.27	-4.07*	-4.83*
	Canada	-6.58*	-12.33**	-1.94**	-3.89	-2.43*
	U.S.A	0.11	0.93	-3.56	-4.16*	-2.24*
C.	Asia & Oceania	3.99*	-1.36	-4.24	-4.43*	-2.24*
	Australia	7.73*	-3.30	0.98	-0.20*	2.84*
	Japan	2.98**	0.05	-8.47*	-7.20*	-7.20*
D.	Switzerland	2.99	35.80*	-0.48*	8.95	9.38*
II.	O.P.E.C	0.78	0.81	-7.27	-6.80	-1.63
	Indonesia	48.47*	49.34*	3.63*	13.23**	21.69*
	Iran	18.38*	-11.18	-1.53	-5.55**	-6.84*
	Iraq	-17.52	-67.09	6.88	50.57**	-18.91**
	Kuwait	-3.57	27.76	-22.66	-18.05	-5.78**
	S.Arabia	-2.33	-7.81	-12.58	-12.04	-5.70*
	U.A.E	4.51	-6.88	-1.99	-4.88**	0.47
III.	Eastern Europe	-4.59**	0.62	-0.39	-3.73	-8.08*
	Romania	-13.78*	20.61	-0.87	-4.09	-7.92*
	Russia	-6.08**	-5.32	-2.53	-4.07	-9.72*
IV.	Developing Co	2.86*	3.26	1.85	2.29	2.69*
A.	ASIA	2.72*	5.46**	2.75	2.66	3.08*
i.	S.A.A.R.C	-7.75*	-2.17	2.22	2.71*	1.51**
	Bangladesh	4.02	73.39*	-6.32*	2.97	94.13**
	Bhutan	37.67	169.95*	7.24*	14.99	23.52*
	Maldives	69.09	-20.02**	6.36*	-3.19**	-6.71**
	Nepal	-32.31	-0.62	-0.02	7.64	10.68*
	Pakistan	8.44	-31.13**	-3.13**	-7.71	-4.51**
	Sri.lanka	13.06	20.41**	16.93	11.06	8.44*

Continue...

APPENDIX: A-20

**GROUP AND COUNTRY WISE GROWTH RATE OF INDIAN IMPORTS
(PERCENT SHARE)**

	Group and Country wise	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07	Overall	
ii.	Asian Developing Countries	3.88	5.82**	2.68	2.60	2.98*
	China	-46.10*	113.73*	16.05*	21.53**	21.90*
	Hongkong	8.90	17.00**	6.09	6.55	6.35*
	S.Korea	0.36	9.73	2.35	3.28	3.80*
	Malaysia	-17.37	3.08	-4.37	1.83	0.22
	Singapore	20.12*	-2.82	-1.85	-1.62*	0.00
	Thailand	-13.3	22.58*	5.02*	8.32	6.00*
B.	AFRICA	7.10*	-6.11	-2.93	1.03**	3.47*
	Benin	-1.35	30.65**	5.81	10.96	18.14*
	Egypt	-36.89	-4.08	-1.69	-3.27	0.65
	Kenya	35.96*	-2.82	-5.13	-1.77*	-1
	Sudan	-22.02	117.24*	9.22*	12.32	5.68
	Tanzania	-8.49	9.51	11.08**	-6.49	-2.62
	Zambia	-5.39	12.88	-19.18	-17.82	-16.39*
C.	Latin American Countries	-0.20	3.15	4.31	1.68	-0.97

(*): Significant at the 1 percent level, (**): Significant at the 5 percent level.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-21

GROUP AND COMMODITY WISE AVERAGE PERCENT SHARE OF INDIAN IMPORTS

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Bulk imports	50.16	41.17	39.14	39.77	44.01
A	Petroleum, crude & products	26.43	24.07	26.00	25.40	25.82
B	Bulk consumption goods	7.07	2.35	3.56	3.18	4.77
1	Cereals & cereal preparation	1.62	0.49	0.22	0.30	0.84
2	Edible oil	3.45	0.71	2.57	1.99	2.58
3	Pulses	1.79	0.61	0.60	0.61	1.09
4	Sugar	0.21	0.54	0.17	0.29	0.26
C	Other bulk items	16.66	14.74	9.58	11.19	13.42
1	Fertilisers	3.58	4.24	1.77	2.54	2.97
a	Crude	1.47	0.63	0.32	0.42	0.85
b	Sulphur & unroasted iron pyrites	0.75	0.47	0.15	0.25	0.45
c	Manufactured	1.36	3.13	1.30	1.87	1.66
2	Non-ferrous metals	2.71	2.12	1.45	1.66	2.09
3	Paper, paper boards, manuf..	1.15	0.99	0.89	0.92	1.01
4	Crude rubber, including synthetic	0.48	0.45	0.34	0.38	0.42
5	Pulp waste paper	0.32	0.68	0.52	0.57	0.47
6	Metalliferous ores, metal scrap etc	1.81	2.45	2.16	2.25	2.07
7	Iron and steel	6.61	3.82	2.45	2.87	4.40
II.	Non-bulk imports	43.66	58.83	60.86	60.23	53.48
A.	Capital goods	21.46	24.82	22.38	23.14	22.46
1	Manufactures of metals	0.81	0.72	0.82	0.79	0.80
2	Machine tools	0.31	0.81	0.69	0.73	0.56
3	Machinery except electrical	11.13	8.67	6.73	7.34	8.88
4	Electrical machinery except electronic	4.09	1.97	1.01	1.31	2.44
5	Transport equipments	3.17	3.27	3.29	3.29	3.24
6	Project goods	1.97	6.67	2.18	3.59	2.93
B.	Mainly export related items	9.55	17.13	15.46	15.98	13.36
1	Pearls, precious & semi-precious stones	6.78	8.80	8.31	8.46	7.78
2	Organic & inorganic chemicals	1.82	6.79	5.49	5.90	4.24
3	Textile yarn, fabrics, made-ups, etc.	0.77	0.90	1.26	1.15	0.99
4	Cashew nuts	0.18	0.64	0.40	0.47	0.35

Continue...

APPENDIX: A-21

GROUP AND COMMODITY WISE AVERAGE PERCENT SHARE OF INDIAN IMPORTS

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
C.	Others	12.65	16.88	23.02	21.10	17.66
1	Gold & silver	....	....	....	....	....
2	Artificial resins & plastic materials	2.27	2.20	1.46	1.69	1.92
3	Professional,scientific controlling instruments,photographic optical	2.26	1.95	1.63	1.73	1.95
4	Coal,coke & briquettes etc	1.27	2.27	2.36	2.33	1.90
5	Medicinal & pharmaceutical products	0.81	1.14	0.80	0.90	0.87
6	Chemical materials & products	2.94	0.71	0.75	0.74	1.63
7	Non-metallic mineral manufactures	0.84	0.42	0.38	0.39	0.58

Source: Calculated from the data *Hand Book of Statistics on Indian Economy* (RBI), 2008-09. (...) indicates data not available.

APPENDIX: A-22

**GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Bulk imports	17.78	11.55	17.45	15.39	17.20
A	Petroleum,crude & products	33.06	13.03	28.74	24.60	28.55
B	Bulk consumption goods	37.25	91.83	35.64	54.00	50.71
1	Cereals & cereal preparation	191.01	225.73	126.48	179.18	178.40
2	Edible oil	68.35	114.73	126.48	68.14	71.52
3	Pulses	72.88	19.81	106.98	82.50	81.16
4	Sugar	1371.89	4690.44	713.29	1801.90	1660.21
C	Other bulk items	18.85	14.95	2.76	22.37	21.28
1	Fertilisers	81.95	24.70	34.44	40.12	57.20
a	Crude	53.13	15.84	33.49	29.07	38.94
b	Sulphur & unroasted iron pyrites	...	...	...	...	...
c	Manufactured	...	...	...	...	...
2	Non-ferrous metals	20.54	5.20	24.42	22.58	23.79
3	Paper,paper boards,manuf..	22.32	29.89	12.06	20.04	20.95
4	Crude rubber,including synthetic	30.75	23.35	18.55	23.70	27.73
5	Pulp waste paper	...	...	...	...	34.83
6	Metalliferous ores,metal scrap etc	29.78	40.87	33.43	34.83	24.68
7	Iron and steel	23.00	11.98	29.18	24.97	9.43
II.	Non-bulk imports	10.26	4.65	8.66	8.97	15.30
A.	Capital goods	14.42	8.84	15.18	15.31	15.00
1	Manufactures of metals	19.01	8.03	10.86	10.46	23.21
2	Machine tools	...	...	...	...	...
3	Machinery except electrical	29.44	8.63	16.99	17.68	23.21
4	Electrical machinery except electronic	17.77	110.16	16.99	50.25	39.16
5	Transport equipments	47.81	59.36	44.67	47.91	51.95
6	Project goods	...	...	...	...	...
B.	Mainly export related items	26.33	13.34	11.87	12.18	19.57
1	Pearls,precious&semi-precious stones	26.61	40.71	19.16	26.82	26.73
2	Organic & inorganic chemicals	...	...	...	...	...
3	Textile yarn,fabrics,made-ups,etc.	20.47	14.53	5.98	11.35	18.49
4	Cashew nuts	265.87	11.10	55.42	45.66	132.82

Continue...

APPENDIX: A-22

**GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
C	Others	14.94	12.83	14.99	15.18	14.93
1	Gold & silver	...	...	...	...	...
2	Artificial resins & plastic materials	15.71	21.92	19.17	19.47	17.84
3	Professional,scientific controlling instruments,photographic optical	28.09	20.99	9.58	15.71	21.39
4	Coal,coke & briquettes etc	47.53	14.33	24.77	22.00	33.11
5	Medicinal & pharmaceutical products	26.36	17.41	13.58	18.36	21.36
6	Chemical materials & products	84.23	11.77	15.28	14.06	48.98
7	Non-metallic mineral manufactures	47.17	14.07	9.83	15.24	29.86
	Total imports	22.78	6.74	8.73	8.53	20.74

Calculated by Coppock's method. (...) data not available.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-23

**GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN IMPORTS
(PERCENT SHARE)**

	Group and Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Bulk imports	16.69	5.38	11.63	10.18	18.68
A	Petroleum, crude & products	23.64	7.09	24.65	21.68	27.84
B	Bulk consumption goods	44.88	90.53	38.02	54.24	51.53
1	Cereals & cereal preparation	205.14	211.83	120.07	174.02	182.55
2	Edible oil	69.18	112.07	120.70	67.19	70.46
3	Pulses	64.85	25.16	114.01	88.25	78.04
4	Sugar	1479.54	4830.87	700.00	1786.50	1654.46
C	Other bulk items	27.30	10.24	17.01	15.73	22.91
1	Fertilisers	83.83	18.25	29.27	32.17	58.54
a	Crude	55.14	13.95	29.85	26.38	42.62
b	Sulphur & unroasted iron pyrites	...	...	...	...	...
c	Manufactured	...	...	...	...	...
2	Non-ferrous metals	32.55	8.77	20.98	19.68	25.82
3	Paper, paper boards, manuf..	25.18	27.83	11.69	17.96	24.62
4	Crude rubber, including synthetic	37.62	18.53	17.13	19.74	27.81
5	Pulp waste paper	...	...	...	...	...
6	Metalliferous ores, metal scrap etc	30.39	36.49	28.10	30.14	29.84
7	Iron and steel	35.65	12.29	22.07	19.23	28.24
II.	Non-bulk imports	27.73	3.79	6.71	6.07	21.31
A.	Capital goods	28.75	12.51	11.76	12.41	22.19
1	Manufactures of metals	25.64	7.71	7.38	7.42	20.52
2	Machine tools	...	...	...	...	...
3	Machinery except electrical	39.12	6.08	12.29	12.37	27.09
4	Electrical machinery except electronic	37.49	98.40	12.29	47.33	44.09
5	Transport equipments	54.62	66.41	40.50	47.22	49.84
6	Project goods	...	...	...	...	...
B.	Mainly export related items	43.19	10.10	11.78	11.60	32.82
1	Pearls, precious & semi-precious stones	45.34	37.37	20.35	27.35	39.30
2	Organic & inorganic chemicals	...	...	...	...	...
3	Textile yarn, fabrics, made-ups, etc.	27.32	22.22	11.24	15.04	20.50
4	Cashew nuts	258.56	15.37	50.66	41.72	137.51

Continue...

APPENDIX: A-23

**GROUP AND COMMODITY WISE INSTABILITY INDEX OF INDIAN IMPORTS.
(PERCENT SHARE)**

	Group and Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
C.	Others	26.88	10.58	15.96	14.37	23.37
1	Gold & silver	...	...	...	...	...
2	Artificial resins & plastic materials	29.32	23.25	14.62	16.88	27.79
3	Professional,scientific controlling instruments,photographic optical	28.81	13.56	13.44	14.59	22.85
4	Coal,coke & briquittes etc	50.56	11.40	20.05	17.39	36.81
5	Medicinal & pharmaceutical products	33.06	10.18	15.40	16.04	28.00
6	Chemical materials & products	84.20	6.64	16.93	14.14	53.14
7	Non-metallic mineral manufactures	49.06	14.55	10.61	14.74	33.61

Calculated by Coppock's method. (...) data not available.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-24

**GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Group and Commodity	1980-81 to	1991-92 to 2006- 07		Overall	1980-81 to
		1990-91	1991-92 to 1995-96	1996-97 to 2006-07		2006-07
I	Bulk imports	5.96*	20.67*	20.62	18.73*	15.80*
A	Petroleum, crude & products	2.30	14.85**	23.74	20.70*	17.31*
B	Bulk consumption goods	-0.35	49.50*	12.25*	21.52*	12.55*
1	Cereals & cereal preparation	-0.36	-32.24	-20.42	-7.07	-1.58
2	Edible oil	-5.40	77.57*	13.39*	33.75*	15.29*
3	Pulses	4.30	29.02	21.64	18.17**	10.32*
4	Sugar	-9.26	627.58*	20.98**	40.29	13.84**
C	Other bulk items	13.30*	26.07**	16.57	13.84	13.94*
1	Fertilisers	14.68*	20.92	9.80	7.25	12.83*
a	Crude	1.17	3.34	9.16	8.76**	7.36*
b	Sulphur & unroasted iron pyrites	25.83**	11.70	19.07	3.40	13.07*
c	Manufactured	44.06*	25.90	5.58**	7.16	22.86*
2	Non-ferrous metals	11.74*	38.28*	12.58**	13.20	13.10*
3	Paper, paper boards, manuf..	8.52*	31.84*	10.86*	15.20*	15.13*
4	Crude rubber, including synthetic	16.83*	36.36*	16.77**	15.79	15.73*
5	Pulp waste paper	23.69*	30.89*	13.06*	14.39	13.97*
6	Metalliferous ores, metal scrap.	26.76*	20.95**	25.85	19.32**	20.10*
7	Iron and steel	9.03*	25.61	18.38	14.03	11.06*
II.	Non-bulk imports	22.20*	28.23*	18.10**	18.96**	20.53*
A.	Capital goods	19.01*	34.95*	19.98	18.43	18.53*
1	Manufactures of metals	9.98*	29.10*	19.50**	20.46*	17.71*
2	Machine tools	30.28	28.10	13.79	15.05	15.60*
3	Machinery except electrical	12.29*	37.34*	16.52**	15.91	14.53*
4	Electrical machinery except					
4	Electronic	21.23*	-13.73	21.72**	14.10	9.78*
5	Transport equipments	14.57*	45.55*	29.23	22.56	18.35*
6	Project goods	13.62	22.56	-6.94	-2.97	2.83
B.	Mainly export related items	32.71*	16.17*	14.75	16.18*	22.46*
1	Pearls, precious & semi-precious stones	27.18*	4.43	14.13	16.26*	19.72*
2	Organic & inorganic chemicals#	25.38*	26.32*	13.86**	15.11	17.74*
3	Textile yarn, fabrics, made-ups, etc.	18.01*	40.63*	23.91*	24.19*	21.51*
4	Cashew nuts	35.95*	31.03*	10.78	11.45*	25.07*

Continue...

APPENDIX: A-24

**GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN IMPORTS
(ABSOLUTE VALUE)**

	Group and Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
C.	Others	20.16*	31.15*	18.45**	21.81	22.06*
1	Gold & silver	....	....	....	....	....
2	Artificial resins & plastic materials	19.18*	19.10**	16.06	13.85**	15.11*
3	Professional, scientific controlling instruments, photographic optical	15.11*	18.12*	15.94	15.94	15.55*
4	Coal, coke & briquettes etc	25.91*	30.52*	18.81	19.24**	23.05*
5	Medicinal & pharmaceutical products	18.22*	21.15*	16.45	14.46**	17.67*
6	Chemical materials & products	-7.81*	22.50*	18.89	19.19*	9.84*
7	Non-metallic mineral manufactures	1.17	23.96*	22.74	18.98*	12.63*
	Total imports	15.33*	25.02*	19.07	18.87	17.73*

(*): Significant at the 1 percent level, (**): Significant at the 5 percent level.

(...) data not available.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-25

**GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN IMPORTS
(PERCENT SHARE)**

	Group and Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
I	Bulk imports	-8.12*	-3.49	1.31**	-0.11*	-1.64
A	Petroleum, crude & products	-11.29*	-8.14	3.93**	1.54*	-0.35
B	Bulk consumption goods	-13.59*	19.66**	-5.73**	2.23*	-4.4
1	Cereals & cereal preparation	-13.61	45.81**	-33.13	-21.82	-16.4
2	Edible oil	-17.98*	42.03**	-4.77*	12.52*	-2.07
3	Pulses	-9.57**	3.2	2.16	-0.58	-6.29
4	Sugar	-21.32	481.95*	1.61**	18.03	-3.3
C	Other bulk items	-1.75	0.84	-2.1	-4.23	-3.22
1	Fertilisers	-0.56	-3.29	-7.78	-9.77**	-4.16
a	Crude	-12.28*	-17.35*	-8.32	-8.5	-8.81
b	Sulphur & unroasted iron pyrites	9.11	-10.65	-11.33	-13.01	-4.13
c	Manufactured	24.91**	0.7	-7.53	-7.53	4.36
2	Non-ferrous metals	-3.12	10.6	-5.45**	-4.77	-3.93
3	Paper, paper boards, manuf..	-5.90*	5.45	-6.89*	-3.08	-2.2
4	Crude rubber, including synthetic	1.3	9.06**	-1.93**	-2.59	-1.7
5	Pulp waste paper	-16.26*	4.69	-5.04*	-3.77*	-4.02*
6	Metalliferous ores, metal scrap etc	9.92*	-3.26	5.69	0.38*	2.01
7	Iron and steel	-5.46**	0.47	-0.58	-4.07	-5.66
II.	Non-bulk imports	5.96*	2.56	-0.81**	0.08*	2.38*
A.	Capital goods	3.2	7.94**	0.77	-0.37	0.68
1	Manufactures of metals	-4.63*	3.26**	0.36	1.34*	-0.01
2	Machine tools#	-11.79	2.46	-4.43	-3.21	-2.65*
3	Machinery except electrical	-2.63	9.85**	-2.14**	-2.49	-2.71*
4	Electrical machinery except electronic	5.12	-31.00*	2.23*	-4.01**	-6.75*
5	Transport equipments	-0.65	16.42	8.54	3.11	0.53
6	Project goods#	-23.07	-1.97	-21.84	-18.37	-13.40*
B.	Mainly export related items	15.07*	-7.08**	-3.63	-2.26*	4.02*
1	Pearls, precious & semi-precious stones	10.28*	16.47**	-4.15	-2.19*	1.69**
2	Organic & inorganic chemicals#	-15.11**	1.04	-4.37**	-3.16**	-0.85
3	Textile yarn, fabrics, made-ups, etc.	2.33	12.49*	4.07	4.48	3.21*
4	Cashew nuts	17.88*	4.81	-6.95	-6.24*	6.24*

Continue...

APPENDIX: A-25

**GROUP AND COMMODITY WISE GROWTH RATE OF INDIAN IMPORTS
(PERCENT SHARE)**

	Group and Commodity	1980-81 to 1990-91	1991-92 to 2006-07		Overall	1980-81 to 2006-07
			1991-92 to 1995-96	1996-97 to 2006-07		
C.	Others	4.19**	4.9	-0.51	2.48	3.68*
1	Gold & silver	.....	.....	.....	.....	.....
2	Artificial resins & plastic materials	3.34	-4.74	-2.52	-4.22*	-2.22*
3	Professional, scientific controlling instruments, photographic optical	-0.19	-5.53	-2.62	-2.46	-1.85**
4	Coal, coke & briquettes etc	9.18*	4.4	-0.21	0.31	4.52*
5	Medicinal & pharmaceutical products	2.5	-3.1	-2.2	-3.70*	-0.05
6	Chemical materials & products	-20.07*	-2.02	-0.15	0.27*	-6.70*
7	Non-metallic mineral manufactures	-12.28*	-0.85	3.09	0.09*	-4.33*

(*): Significant at the 1 percent level, (**): Significant at the 5 percent level.

(...) data not available.

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-26

EXPORTS UNIT VALUE INDEX (BASE: 1978-79=100): GROWTH RATE

		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I		Food & food articles	8.03*	8.26*	0.33*	2.93*	6.88*
	1	Meat & meat preparations	9.31*	9.01**	2.00	4.17*	7.94*
	2	Fish & fish preparations	8.23*	16.41*	-1.57*	2.76*	8.19*
	3	Cereals & cereal preparations	9.79*	-1.13	1.13	2.01*	5.87*
	4	Vegetables	8.58*	11.35*	1.56*	3.46*	7.05*
	5	Fruits & nuts	8.11*	17.85*	-0.19*	0.01*	4.47*
	6	Sugar	...	...	...	...	...
	7	Coffee	2.71	34.62*	-3.48*	1.78	4.37*
	8	Tea	9.81*	6.69**	1.02**	3.81*	7.23*
	9	Spices	12.38*	11.78**	-4.40**	3.33*	7.66*
	10	Oilseed cake	5.82*	11.12**	3.85	5.51	7.78*
II		Beverages & tobacco	6.73*	1.25	3.28	3.73*	7.00*
	1	Tobacco & tobacco manufactures	6.73*	1.25	3.28	3.73*	7.00*
III		Crude materials, inedible, except fuels	8.61*	6.86	10.58	9.17	9.96*
	1	Raw cotton	7.10**	22.88*	-4.14*	1.46	7.26*
	2	Textile fibres & waste excluding cotton	9.67*	14.1	-7.70**	-1.10*	4.54*
	3	Minerals (excluding coal, petroleum, crude fertilisers, sulphurs, precious stones)	11.45*	10.58**	7.56	8.76	6.93*
	4	Iron ore & concentrates	7.15*	1.55	13.96**	9.93	10.56*
	5	Ores & concentrates of base metals <i>n.e.s</i>	19.79*	14.91	9.4	9.34*	11.06*
	6	Crude animals & vegetables material <i>n.e.s</i>	10.85*	12.81*	2.98**	8.04	10.18*
IV		Mineral fuels, lubricants, etc.	4.20**	25.00*	8.57**	9.74**	10.78*
	1	Coal	9.81*	7.13	0.76	2.79*	6.85*
	2	Petroleum products	-15.91	-66.86	125.7**	66.54*	2.70
V		Animal & vegetable oil, fats & waxes	6.48*	15.14*	3.25*	6.12	7.41*
VI		Chemicals & related products	7.88*	13.58*	0.55*	2.59*	6.75*
VII		Manufactured goods classified chiefly by material	12.34*	6.78	3.04	4.58*	8.80*
	1	Leather & leather manufactures excl. footwear	11.45*	-0.69	3.85	3.04*	5.95*
	2	Textile yarn	7.06*	10.94*	0.77*	2.00*	6.29*
	3	Cotton fabrics woven	16.85*	9.66	15.52	6.43*	8.49*
	4	Textile fibres other than cotton	10.50*	25.56**	9.4	9.56	9.47*
	5	Made-up articles of textile materials	9.13*	12.33	10.82	5.34	6.91*

Continue...

APPENDIX: A-26

EXPORTS UNIT VALUE INDEX (BASE: 1978-79=100): GROWTH RATE

		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
VII I	6	Floor coverings	12.29*	9.74*	-0.66*	1.72*	7.00*
	7	Non-metallic mineral manufactures n.e.s	13.33*	4.45*	0.2	3.81*	9.67*
	8	Iron & steel	11.27*	5.83	13.44**	9.66	9.70*
	9	Non-ferrous metals	10.81*	10.18	5.12	6.21	7.78*
	10	Manufactures of metals	6.35*	3.41	1.50	3.23*	6.67*
		Machinery & transport equipment	4.88*	-3.8	5.81*	5.74	7.42*
	1	Non-electrical machinery	9.74*	-1.37	-1.83	1.45*	7.63*
	2	Telecommunications, sound recording/ reproducing apparatus & equipments	9.41*	34.45*	-5.64*	1.03*	7.83*
	3	Electrical machinery	1.89	-20.49*	13.99*	10.17*	5.76*
	4	Transport equipment	4.06*	10.49*	3.80*	5.32	8.24*
IX		Miscellaneous manufactured articles	12.20*	10.38**	2.60	2.48*	8.42*
	1	Articles of apparel & clothing accessories	11.96*	11.35*	3.58**	4.39*	9.74*
	2	Footwear	14.09*	9.67	4.12	2.72*	8.92*
	3	Miscellaneous manufactured articles <i>n.e.s</i>	10.23*	10.16	4.25	0.62*	5.09*
G.I		General index	9.93*	7.22*	3.74**	4.45*	8.20*

(*): Significant at the 1 percent level, (**): Significant at the 5 percent level.

Source: Calculated from the date Hand Book of Statistics on Indian Economy (RBI), 2008-09.

APPENDIX: A-27

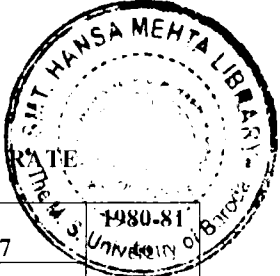
IMPORTS UNIT VALUE INDEX (BASE: 1978-79=100: GROWTH RATE

		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I		Food & food articles	3.24*	16.32*	3.55	2.85	7.27*
	1	Dairy products	7.30*	-3.15*	6.25*	6.46*	7.74*
	2	Cereals & cereal preparations	5.26	23.65*	9.75	6.93	8.31*
	3	Fruits & nuts	6.50*	10.54**	5.65	3.51**	8.21*
	4	Spices	-7.78*	-7.53	12.31	11.44*	2.32**
II		Beverages & tobacco	15.60*	8.74**	0.05	2.43*	10.11*
	1	Beverages	15.60*	8.74**	0.05	2.43*	10.11*
III		Crude materials, inedible, except fuels	8.72*	5.19	5.04	3.87*	7.67*
	1	Oilseeds & oleaginous fruits	-30.73	40.70	52.32*	14.13**	1.76
	2	Crude rubber including synthetic & reclaimed	7.65*	9.66*	5.03	5.77**	9.42*
	3	Pulp & waste paper	8.73*	21.87*	3.93*	4.60**	8.14*
	4	Textile fibres & waste	11.22*	9.25*	1.66*	1.77*	7.30*
	5	Crude fertilisers	6.39*	0.87*	3.15	3.54*	7.23*
	6	Sulphur	6.31	-9.46	76.53	-9.62	-10.48
	7	Minerals excluding coal, petroleum, crude fertilizers, sulphur & precious stones	8.04*	-3.10	-1.13	1.03*	6.29*
	8	Ores & concentrates of base metals <i>n.e.s.</i>	14.97*	3.62	8.15	8.82**	11.43*
	9	Non-ferrous base metals, waste & scrap <i>n.e.s.</i>	10.58*	-2.08	7.29*	4.08**	8.29*
IV		Mineral fuels, lubricants, etc.	-0.25	4.80	16.10**	12.30*	8.92*
	1	Petroleum crude	-1.13	5.82	15.58	12.42*	8.77*
	2	Petroleum products	-				
			16.95**	2.58	21.97**	15.62*	12.24*
V		Animal & vegetable oil, fats & waxes	3.89	15.60**	-0.49**	3.71	8.66*
VI		Chemicals & related products	9.64*	12.24*	5.14	5.43**	7.70*
	1	Organic chemicals	12.40*	1.18	9.27	3.15*	5.64*
	2	Inorganic chemicals	1.02	16.55*	4.98**	7.03*	7.93*
	3	Dyeing, tanning & colouring materials	10.04*	2.74	-3.75	-1.95*	5.78*
	4	Medicinal & pharmaceutical products	10.88*	6.58	-5.59*	-3.17*	5.43*
	5	Fertilisers, manufactured	2.80	7.74**	6.44	6.27	9.19*
	6	Artificial resin & plastic material & cellulose ester	11.28*	6.88**	5.30	4.89*	8.29*

Continue...

APPENDIX: A-27

IMPORTS UNIT VALUE INDEX (BASE: 1978-79=100: GROWTH RATE)



		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
VII		Manufactured goods classified chiefly by material	12.33*	12.79*	4.43*	5.15*	10.00*
	1	Paper, paperboard & articles thereof	19.65*	15.21*	2.55*	3.84*	9.92*
	2	Textile yarn	10.07*	6.22	0.07	1.06*	6.06*
	3	Non-metallic mineral manufactures <i>n.e.s.</i>	12.38*	13.81	-1.07	-1.03*	7.78*
	4	Iron & steel	11.98*	9.94*	4.96	6.64*	10.50*
	5	Copper	11.98*	8.74	6.25	3.55*	9.06*
	6	Nickel	15.62*	5.03	9.52	7.56*	10.90*
	7	Aluminium	11.80*	15.31*	5.47*	6.15*	9.45*
	8	Lead	8.93*	9.89	4.60	5.75	8.64*
	9	Tin	-2.76	9.01	6.19	5.70*	4.49*
	10	Manufactures of metals	9.46*	11.12	8.45	5.66	8.95*
VII I		Machinery & transport equipment	8.77*	-4.90	0.56	4.12**	5.52*
	1	Power generating machinery & equipment	31.94*	-25.31*	11.45*	3.41*	9.62*
	2	Machinery specialised for particular industries	16.31*	-12.45*	-4.07*	-1.24*	8.27*
	3	Metal working machinery	7.16	8.19	-3.29	0.29	9.99*
	4	General industrial machinery & equipment	16.75*	-3.93	3.60	8.95	8.12*
	5	Office machines & automatic data processing equipment	10.46	-38.17*	-12.73**	-25.25*	-19.52*
	6	Electrical machinery	3.35	1.29	15.63	13.58*	4.35*
	7	Transport equipment	6.66*	23.33*	3.18	4.83	8.82*
IX		Miscellaneous manufactured articles	14.88*	15.96**	17.36*	3.00*	4.30*
	1	Professional, scientific & controlling instruments & apparatus <i>n.e.s.</i>	22.58*	-0.69	6.64	-4.50*	4.61*
	2	Photographic apparatus, <i>etc.</i>	9.25**	17.13**	19.46*	2.95	2.82*
G.I		General index	6.46*	2.39	5.29	5.33	7.12*

(*): Significant at the 1 percent level, (**): Significant at the 5 percent level.

Source: Calculated from the date Hand Book of Statistics on Indian Economy (RBI), 2008-09.

APPENDIX: A-28

EXPORTS UNIT VALUE INDEX (BASE: 1978-79=100): INSTABILITY INDEX

		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I		Food & food articles	5.71	10.27	9.20	10.18	9.70
	1	Meat & meat preparations	5.13	6.42	19.80	17.43	13.70
	2	Fish & fish preparations	8.80	10.42	8.54	11.00	11.00
	3	Cereals & cereal preparations	12.50	41.12	20.27	27.70	22.30
	4	Vegetables	15.00	5.96	15.78	14.10	14.50
	5	Fruits & nuts	13.80	17.42	22.71	24.70	20.70
	6	Sugar	1219.30	23.89	3133.89	1671.20	1408.50
	7	Coffee	24.12	34.42	20.29	28.12	26.57
	8	Tea	18.30	8.70	10.69	9.90	14.00
	9	Spices	20.70	15.30	23.68	21.90	22.20
	10	Oilseed cake	10.20	10.86	21.49	20.00	16.80
II		Beverages & tobacco	7.00	7.39	10.39	9.40	11.60
	1	Tobacco & tobacco manufactures	7.00	7.39	10.43	9.40	11.60
III		Crude materials, inedible, except fuels	14.00	13.08	15.68	14.45	15.48
	1	Raw cotton	71.93	20.48	10.99	18.51	46.01
	2	Textile fibres & waste excluding cotton	28.00	22.85	38.21	34.44	31.91
	3	Minerals (excluding coal, petroleum, crude fertilisers, sulphurs, precious stones)	16.11	28.31	19.38	22.26	27.78
	4	Iron ore & concentrates	9.33	5.63	20.98	17.75	15.91
	5	Ores & concentrates of base metals <i>n.e.s</i>	51.40	27.15	90.68	72.53	64.37
	6	Crude animals & vegetables material <i>n.e.s</i>	22.23	6.68	16.67	15.19	18.01
IV		Mineral fuels, lubricants, etc.	37.70	37.18	16.98	25.40	30.62
	1	Coal	19.60	5.53	25.30	21.61	21.11
	2	Petroleum products	995.19	992.29	3989.70	2899.68	1868.49
V		Animal & vegetable oil, fats & waxes	14.14	5.98	14.54	13.06	13.23
VI		Chemicals & related products	12.82	19.13	6.21	12.71	12.63
VII		Manufactured goods classified chiefly by material	6.21	6.97	15.46	13.38	11.66
	1	Leather & leather manufactures excl. footwear	14.73	4.07	18.27	15.97	15.46
	2	Textile yarn	14.12	8.53	4.96	8.40	11.76
	3	Cotton fabrics woven	19.20	8.14	46.45	40.47	33.13

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APPENDIX: A-28

EXPORTS UNIT VALUE INDEX (BASE: 1978-79=100): INSTABILITY INDEX

		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
VIII	4	Textile fibres other than cotton	27.68	111.94	34.83	69.80	53.86
	5	Made-up articles of textile materials	17.63	5.34	23.65	21.63	19.68
	6	Floor coverings	11.44	3.70	15.77	13.98	13.57
	7	Non-metallic mineral manufactures n.e.s	10.24	2.97	24.05	19.35	17.06
	8	Iron & steel	16.42	16.17	13.78	14.31	14.86
	9	Non-ferrous metals	23.17	43.96	60.23	53.84	42.27
	10	Manufactures of metals	9.75	6.63	13.11	11.43	13.75
		Machinery & transport equipment	11.03	14.27	9.49	14.03	14.39
	1	Non-electrical machinery	23.43	8.94	34.23	27.79	28.01
	2	Telecommunications, sound recording/ reproducing apparatus & equipments	31.39	17.68	20.04	24.97	27.30
IX.	3	Electrical machinery	25.13	28.29	18.70	33.43	31.50
	4	Transport equipment	25.10	5.53	11.96	10.77	17.83
		Miscellaneous manufactured articles	5.81	7.09	25.32	21.41	17.46
	1	Articles of apparel & clothing accessories	6.00	8.49	13.85	13.32	11.82
	2	Footwear	6.09	3.64	27.60	22.45	18.80
G.I	3	Miscellaneous manufactured articles n.e.s	38.69	4.76	62.40	49.30	44.74
		General index	5.54	6.35	5.84	5.90	7.02

Calculated by Coppock's method

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.

APPENDIX: A-29

IMPORTS UNIT VALUE INDEX (BASE: 1978-79=100): INSTABILITY INDEX

		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
I		Food & food articles	14.32	19.68	14.89	19.37	24.04
	1	Dairy products	33.78	77.80	49.51	62.01	52.09
	2	Cereals & cereal preparations	28.81	25.57	21.40	31.66	30.99
	3	Fruits & nuts	17.20	8.68	17.59	18.67	19.57
	4	Spices	22.89	23.64	58.34	49.75	40.32
II		Beverages & tobacco	21.60	18.42	15.48	17.00	19.39
	1	Beverages	21.60	18.42	15.48	17.00	19.39
III		Crude materials, inedible, except fuels	11.65	29.85	11.60	18.05	16.19
	1	Oilseeds & oleaginous fruits	1392.54	14540.22	12844.14	12228.66	6488.71
	2	Crude rubber including synthetic & reclaimed	5.57	9.55	14.71	13.36	12.96
	3	Pulp & waste paper	18.19	24.99	10.75	23.64	21.24
	4	Textile fibres & waste	23.30	22.22	9.67	15.19	19.06
	5	Crude fertilisers	12.79	11.60	12.19	11.72	13.97
	6	Sulphur	20.72	171.68	1579.39	962.61	504.52
	7	Minerals excluding coal, petroleum, crude fertilisers, sulphur & precious stones	11.09	60.99	8.68	33.11	26.04
	8	Ores & concentrates of base metals <i>n.e.s.</i>	40.50	34.08	32.20	32.64	36.53
	9	Non-ferrous base metals, waste & scrap <i>n.e.s.</i>	20.16	30.34	31.09	29.70	26.40
IV		Mineral fuels, lubricants, etc.	29.15	5.71	30.23	24.81	26.21
	1	Petroleum crude	29.86	6.24	30.08	24.85	26.61
	2	Petroleum products	1207.63	8.26	42.12	34.26	400.42
V		Animal & vegetable oil, fats & waxes	31.61	19.40	52.89	44.20	40.66
VI		Chemicals & related products	41.68	17.59	16.05	17.25	28.29
	1	Organic chemicals	20.05	24.46	45.13	38.55	31.84
	2	Inorganic chemicals	14.11	21.36	18.57	20.11	18.64
	3	Dyeing, tanning & colouring materials	12.11	13.54	23.64	20.53	18.91
	4	Medicinal & pharmaceutical products	33.84	28.28	12.31	20.10	26.77
	5	Fertilisers, manufactured	63.96	22.84	14.66	16.97	39.66
	6	Artificial resin & plastic material & cellulose ester	17.01	12.25	17.69	16.48	16.87
VII		Manufactured goods classified chiefly by material	12.95	21.02	9.68	14.72	14.16
	1	Paper, paperboard & articles thereof	27.37	26.95	14.07	21.38	24.46
	2	Textile yarn	11.42	19.94	16.15	17.43	16.03

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APPENDIX: A-29

IMPORTS UNIT VALUE INDEX (BASE: 1978-79=100): INSTABILITY INDEX

		Commodity	1980-81 to 1990-91	1991-92 to 2006-07			1980-81 to 2006-07
				1991-92 to 1995-96	1996-97 to 2006-07	Overall	
VIII	3	Non-metallic mineral manufactures <i>n.e.s.</i>	15.97	32.45	78.35	66.70	49.43
	4	Iron & steel	16.98	21.66	9.35	14.47	15.37
	5	Copper	22.88	15.92	20.93	19.80	20.99
	6	Nickel	43.39	22.60	27.11	24.95	32.79
	7	Aluminium	21.61	26.76	6.47	16.34	18.26
	8	Lead	23.88	20.29	17.80	20.87	21.96
	9	Tin	29.81	19.54	23.35	21.88	25.37
	10	Manufactures of metals	23.95	7.89	63.35	50.27	40.16
		Machinery & transport equipment	17.34	21.02	9.68	32.62	26.73
	1	Power generating machinery & equipment	67.81	26.95	14.07	62.05	64.08
IX	2	Machinery specialised for particular industries	25.48	19.94	16.15	24.40	27.62
	3	Metal working machinery	222.93	32.45	78.35	55.85	123.33
	4	General industrial machinery & equipment	8.23	21.66	9.35	86.85	62.78
	5	Office machines & automatic data processing equipment	77.96	15.92	20.93	92.89	91.24
	6	Electrical machinery	25.27	22.60	27.11	47.60	39.40
	7	Transport equipment	37.80	26.76	6.47	14.27	25.04
		Miscellaneous manufactured articles	33.27	31.78	29.42	33.53	33.99
G.I	1	Professional, scientific & controlling instruments & apparatus <i>n.e.s.</i>	34.44	13.17	71.84	56.69	49.01
	2	Photographic apparatus, <i>etc.</i>	21.56	48.10	30.78	40.59	35.64
		General index	13.03	4.20	9.60	8.45	10.48

Calculated by Coppock's method

Source: *Hand Book of Statistics on Indian Economy* (RBI), 2008-09.