

ANNUAL ESTIMATES OF ASIAN DISTORTIONS TO AGRICULTURAL INCENTIVES

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This compilation summarizes the estimates for the focus countries of Asia key distortion indicators defined in Anderson et al. (2008). These tables appear also in an Appendix in Anderson and Martin (2008).

Three tables are provided for each country: (a) the Nominal Rate of Assistance to individual farm products covered in the study and their weighted average, using as weights production valued at undistorted prices; (b) the Relative Rate of Assistance to producers of agricultural (relative to non-agricultural) tradables, again using as weights production valued at undistorted prices, and the component parts of the RRA calculation; and (c) the weights themselves for individual covered farm products and for the residual non-covered group of products, shown as percentages and so they sum to 100 percent.

The Nominal Rate of Assistance (NRA) in the case of a product having just its output price distorted by government policies is the percentage by which the domestic producer price exceeds the price that would prevail under free markets, that is, the border price appropriately adjusted to account for differences in product quality, transport costs, processing costs, etc. A negative value indicates the domestic price is below that comparable border price. If producers of that product also are affected by distortions to product-specific input prices, their ad valorem equivalent is accounted for by subtracting the ad valorem input price distortion times its input-output coefficient from the farm industry's output NRA to get the total nominal rate of assistance to production of that farm product.

The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

The *Sources* of these tables are the Working Paper version of the chapters in Anderson and Martin (2008) (and its associated spreadsheet), each of which is

downloadable in the Working Paper section of the project's website, www.worldbank.org/agdistortions. Also available at that website is the complete global distortions database (Anderson and Valenzuela 2008). The references are provided below.

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Table 1: Annual distortion estimates, **Korea**, 1955 to 2004
(a) Nominal rates of assistance to covered products
(percent)

	Barley	Beef	Cabbage	Egg	Garlic	Milk	Pepper	Pigmeat	Poultry	Rice	Soybean	Wheat	All covered
1955	-11	7	na	na	na	na	na	na	na	-42	-33	-56	-38
1956	36	36	na	na	na	na	na	na	na	-6	-28	-41	-3
1957	90	54	na	na	na	na	na	-15	na	26	-5	-32	28
1958	63	62	na	-16	na	na	na	29	na	-6	-11	-43	3
1959	27	35	na	-38	na	na	na	-8	na	-12	12	-43	-7
1960	65	53	na	-45	na	na	na	-2	na	-4	29	-41	1
1961	19	-3	na	-50	na	na	na	-41	-33	-44	-33	-56	-36
1962	19	21	na	-40	na	na	na	16	-13	-44	-23	-45	-32
1963	144	61	na	-13	na	na	na	68	12	25	61	-8	36
1964	171	40	na	25	na	na	na	67	62	32	60	16	52
1965	61	39	na	25	na	na	na	108	81	-2	44	-19	16
1966	43	26	na	24	na	na	na	114	81	-10	55	-15	7
1967	68	30	na	34	na	105	na	145	134	-14	104	-10	10
1968	85	87	na	30	na	210	na	235	203	-11	38	-6	19
1969	105	143	na	2	na	205	na	191	158	9	53	-6	32
1970	144	119	na	28	na	216	na	207	152	39	131	10	64
1971	149	120	na	9	na	133	na	286	153	63	76	17	82
1972	198	85	na	-8	na	41	na	222	80	88	102	25	95
1973	74	18	na	-7	na	60	na	193	52	11	48	-20	23
1974	36	28	na	-21	na	94	na	112	80	-44	43	-31	-27
1975	59	80	na	-17	na	133	na	154	107	-4	59	-20	13
1976	76	128	na	-14	na	187	na	189	144	48	108	-4	60
1977	112	218	na	-11	na	189	na	169	182	65	118	53	76
1978	131	224	na	-2	na	175	na	270	212	66	174	61	89
1979	129	162	na	6	na	261	na	232	164	123	152	42	131
1980	57	137	na	12	na	223	na	181	90	109	199	89	112
1981	125	186	na	4	na	194	na	285	122	98	252	86	119
1982	170	190	na	8	na	169	na	196	90	122	290	92	131
1983	241	159	na	36	na	153	na	106	87	130	292	110	129
1984	238	144	na	14	na	160	na	78	82	133	232	84	123
1985	293	68	na	23	na	128	na	164	75	169	275	69	144
1986	399	97	30	11	250	211	175	144	64	196	302	99	158
1987	417	93	30	3	250	238	175	100	57	222	415	171	161
1988	336	178	30	7	250	162	175	119	112	226	410	204	177
1989	341	195	30	54	250	187	175	97	126	259	407	178	195
1990	363	207	30	39	250	152	175	190	142	276	459	222	209
1991	494	223	30	9	250	289	175	172	136	254	461	265	200
1992	461	206	30	40	250	158	175	95	138	254	508	201	184
1993	534	171	30	12	310	197	281	116	165	283	554	195	198
1994	769	197	30	39	383	222	421	173	198	262	559	197	219
1995	632	223	30	59	210	154	204	130	171	340	734	200	214
1996	403	200	29	15	44	128	108	138	185	336	604	134	186
1997	635	144	29	17	232	147	153	88	161	284	453	99	177
1998	449	71	29	7	373	118	87	60	135	199	393	64	127
1999	596	162	29	35	207	157	176	166	206	313	945	116	210
2000	740	139	28	30	30	205	192	124	220	390	908	157	216
2001	412	175	28	42	8	105	221	93	201	374	702	137	194
2002	561	254	28	40	88	154	144	122	164	422	780	130	221
2003	572	142	27	55	205	139	267	134	131	395	750	129	211
2004	528	129	27	105	282	145	162	199	180	350	647	124	226

Table 1 (continued): Annual distortion estimates, **Korea**, 1955 to 2004
 (b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Exportables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1955	0	-38	-19	-28	nap	-36	-36	48	-57
1956	0	-3	1	-2	nap	-2	-2	35	-27
1957	0	28	11	17	nap	26	26	35	-6
1958	0	3	2	2	nap	3	3	41	-27
1959	0	-7	-4	-5	nap	-7	-7	69	-45
1960	0	1	0	1	nap	1	1	66	-39
1961	0	-36	-17	-27	nap	-33	-33	37	-51
1962	0	-32	-15	-23	nap	-29	-29	34	-47
1963	0	36	15	27	nap	35	35	26	7
1964	0	52	21	42	nap	51	51	23	23
1965	0	16	7	13	nap	15	15	27	-9
1966	0	7	4	6	nap	7	7	23	-13
1967	0	10	5	8	nap	9	9	23	-11
1968	0	19	10	15	nap	19	19	21	-2
1969	0	32	15	25	nap	31	31	18	11
1970	0	64	25	48	nap	61	61	17	38
1971	0	82	31	61	nap	78	78	12	59
1972	0	95	33	72	nap	90	90	12	70
1973	0	23	10	18	nap	22	22	9	12
1974	0	-27	-8	-21	nap	-23	-23	8	-29
1975	0	13	6	10	nap	12	12	9	2
1976	0	60	27	48	nap	58	58	11	43
1977	0	76	35	59	nap	75	75	17	50
1978	0	89	38	66	nap	85	85	12	65
1979	0	131	52	98	nap	127	127	10	106
1980	0	112	44	79	nap	105	105	8	90
1981	0	119	48	90	nap	114	114	6	101
1982	0	131	52	96	nap	125	125	7	111
1983	0	129	53	93	nap	123	123	7	108
1984	0	123	52	89	nap	117	117	6	104
1985	0	144	59	101	nap	136	136	6	124
1986	0	158	69	126	nap	156	156	6	141
1987	0	161	67	125	nap	155	155	6	140
1988	0	177	69	138	nap	169	169	6	155
1989	0	195	70	141	nap	180	180	4	169
1990	0	209	76	155	nap	196	196	4	185
1991	0	200	77	145	nap	187	187	4	177
1992	0	184	81	143	nap	179	179	3	170
1993	0	198	96	153	nap	200	200	3	192
1994	0	219	109	168	nap	226	226	3	217
1995	0	214	87	148	nap	198	198	2	191
1996	0	186	50	117	nap	145	145	3	139
1997	0	177	77	129	nap	164	164	2	158
1998	0	127	75	105	nap	129	129	2	124
1999	0	210	83	150	nap	188	188	2	183
2000	0	216	60	133	nap	166	166	2	161
2001	0	194	56	123	nap	150	150	2	145
2002	0	221	66	133	nap	168	168	2	163
2003	0	211	85	142	nap	181	181	2	176
2004	0	226	91	155	nap	196	196	1	191

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 1 (continued): Annual distortion estimates, **Korea**, 1955 to 2004
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Barle y	Beef	Cabb age	Egg	Garli c	Milk	Pepp er	Pigm eat	Poult ry	Rice	Soyb ean	Whea t	Non- cover ed
1955	5	1	0	0	0	0	0	3	0	37	1	1	51
1956	6	1	0	0	0	0	0	4	0	30	1	1	57
1957	4	1	0	0	0	0	0	3	0	29	1	1	61
1958	4	1	0	1	0	0	0	3	0	34	1	1	56
1959	5	2	0	2	0	0	0	4	1	32	1	1	53
1960	4	2	0	3	0	0	0	3	1	31	1	1	54
1961	6	1	0	1	0	0	0	2	1	38	1	1	49
1962	7	1	0	2	0	0	0	1	1	37	1	1	50
1963	5	1	0	2	0	0	0	1	1	46	1	1	42
1964	9	2	0	2	0	0	0	2	1	50	2	1	31
1965	11	2	0	2	0	0	0	2	1	44	2	1	36
1966	11	2	0	2	0	0	0	2	1	46	1	1	35
1967	9	2	0	2	0	0	0	2	1	45	1	1	37
1968	10	2	0	2	0	0	0	1	1	45	2	1	36
1969	7	2	0	4	0	0	0	2	1	46	1	1	36
1970	7	2	0	4	0	0	0	2	1	39	1	1	41
1971	8	3	0	5	0	0	0	2	1	38	2	1	40
1972	7	3	0	6	0	0	0	2	2	39	2	1	38
1973	7	4	0	4	0	0	0	2	1	42	2	0	38
1974	4	2	0	3	0	0	0	1	1	51	1	0	35
1975	7	3	0	4	0	0	0	2	1	49	1	0	32
1976	7	3	0	4	0	0	0	2	1	43	1	0	37
1977	3	2	0	5	0	0	0	3	1	44	2	0	40
1978	3	2	0	4	0	1	0	3	1	41	1	0	44
1979	4	5	0	4	0	1	0	5	1	39	1	0	40
1980	3	5	0	4	0	1	0	6	2	31	1	0	47
1981	2	5	0	4	0	1	0	5	1	40	1	0	41
1982	2	4	0	4	0	1	0	6	1	36	1	0	43
1983	2	4	0	4	0	2	0	7	2	33	1	0	46
1984	2	5	0	4	0	2	0	7	2	31	1	0	46
1985	1	7	0	4	0	2	0	6	2	28	1	0	48
1986	1	7	3	4	2	2	4	6	3	31	1	0	36
1987	1	7	4	5	1	2	3	6	3	27	1	0	38
1988	1	5	5	4	2	3	4	6	3	30	1	0	36
1989	1	4	5	4	2	3	1	6	3	26	1	0	44
1990	1	4	4	4	3	4	2	7	3	26	1	0	41
1991	1	5	4	5	3	2	3	7	3	23	0	0	45
1992	1	6	3	4	3	3	5	9	3	22	0	0	40
1993	1	6	3	4	2	3	3	10	3	19	0	0	44
1994	0	6	4	4	2	3	2	8	3	21	0	0	46
1995	0	5	3	4	4	3	4	8	3	15	0	0	52
1996	0	4	3	4	4	3	5	7	3	16	0	0	51
1997	0	5	3	4	2	3	3	9	3	19	0	0	48
1998	0	6	3	5	2	3	4	10	3	21	0	0	43
1999	0	6	3	4	2	3	3	9	3	19	0	0	47
2000	0	5	3	3	3	3	3	7	2	16	0	0	54
2001	0	4	3	4	4	4	3	8	2	16	0	0	51
2002	0	3	3	4	2	4	3	8	3	13	0	0	56
2003	0	5	4	4	1	4	2	9	3	14	0	0	55

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 2: Annual distortion estimates, **Taiwan**, 1955 to 2002
(a) Nominal rates of assistance to covered products
(percent)

	Beef	Egg	Pigmeat	Poultry	Rice	Wheat	All
1955	-23	0	-39	-68	-49	96	-47
1956	52	0	10	-37	-11	31	-6
1957	47	0	9	-30	-3	38	1
1958	-10	0	-20	-55	-48	53	-41
1959	3	0	-1	-46	-37	23	-25
1960	20	0	14	-34	-9	31	-3
1961	49	0	24	-14	3	34	8
1962	48	0	73	2	-13	32	2
1963	51	0	120	4	-7	41	16
1964	39	0	88	25	-7	42	13
1965	66	0	118	20	-8	43	16
1966	51	0	112	14	-14	30	11
1967	4	0	87	18	-21	36	2
1968	0	0	113	31	-24	43	2
1969	24	0	69	23	-21	45	1
1970	14	0	82	19	0	55	21
1971	29	0	109	29	0	39	31
1972	50	0	114	39	2	65	35
1973	-4	0	111	27	-24	8	16
1974	22	0	74	22	-25	-6	0
1975	105	0	125	22	-15	0	15
1976	73	0	57	20	3	29	20
1977	89	0	45	42	-10	84	13
1978	91	0	49	35	-19	90	9
1979	41	0	28	31	3	83	15
1980	54	0	46	39	17	81	29
1981	72	0	48	65	8	81	27
1982	75	0	44	63	29	115	37
1983	88	1	41	85	46	na	46
1984	96	2	33	66	63	na	47
1985	95	9	41	57	73	na	53
1986	104	19	56	70	84	na	64
1987	108	17	72	87	110	na	81
1988	102	27	90	98	108	na	93
1989	97	61	123	110	142	na	122
1990	97	9	112	107	146	na	112
1991	97	-1	76	112	144	na	93
1992	95	41	93	149	170	na	115
1993	99	30	100	168	191	na	126
1994	106	40	138	178	156	na	140
1995	66	33	108	167	208	na	131
1996	97	2	124	167	174	na	126
1997	101	-1	94	195	149	na	114
1998	85	11	108	242	134	na	128
1999	63	44	221	372	174	na	212
2000	44	33	201	347	189	na	202
2001	95	22	168	254	195	na	169
2002	79	19	150	237	226	na	164

Table 2 (continued): Annual distortion estimates, **Taiwan**, 1955 to 2002
 (b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1955	0	-47	0	-22	-35	-7	-30	7	-35
1956	0	-6	0	-3	-4	-3	-4	8	-11
1957	0	1	0	0	1	-2	0	8	-7
1958	0	-41	0	-20	-31	-3	-27	10	-33
1959	0	-25	0	-14	-21	-3	-18	10	-26
1960	0	-3	0	-1	-2	-1	-2	9	-10
1961	0	8	0	4	7	-1	5	9	-3
1962	0	2	0	1	1	1	1	10	-8
1963	0	16	0	8	13	1	11	9	1
1964	0	13	0	6	10	2	8	9	-1
1965	0	16	0	7	12	2	10	9	0
1966	0	11	0	5	8	2	7	10	-2
1967	0	2	0	1	1	2	1	8	-7
1968	0	2	0	1	1	3	1	9	-7
1969	0	1	0	1	0	3	1	8	-7
1970	0	21	0	10	16	2	13	8	5
1971	0	31	0	14	23	3	18	7	10
1972	0	35	0	16	26	5	20	8	11
1973	0	16	0	7	12	3	9	8	1
1974	0	0	0	0	-1	3	0	7	-6
1975	0	15	0	7	12	3	9	7	2
1976	0	20	0	10	16	4	13	7	6
1977	0	13	0	7	9	8	8	7	1
1978	0	9	0	4	5	6	5	7	-2
1979	0	15	0	7	10	5	9	7	2
1980	0	29	0	12	21	6	15	5	9
1981	0	27	0	11	17	9	14	5	8
1982	0	37	0	14	25	8	19	5	13
1983	0	46	0	19	31	12	23	5	17
1984	0	47	0	19	33	10	23	5	17
1985	0	53	0	20	37	9	25	5	19
1986	0	64	0	23	44	11	29	5	23
1987	0	81	0	26	53	13	33	5	27
1988	0	93	0	28	58	13	35	4	30
1989	0	122	0	38	53	45	47	4	41
1990	0	112	0	41	60	45	50	4	45
1991	0	93	0	34	57	34	41	3	37
1992	0	115	0	37	56	40	45	2	41
1993	0	126	0	38	61	41	46	2	43
1994	0	140	0	41	51	50	50	2	47
1995	0	131	0	39	60	43	47	2	45
1996	0	126	0	42	55	48	50	2	47
1997	0	114	0	43	58	48	50	2	48
1998	0	128	0	45	51	54	53	2	50
1999	0	212	0	63	61	79	74	2	72
2000	0	202	0	69	70	83	80	1	78
2001	0	169	0	60	66	70	69	1	67
2002	0	164	0	55	75	60	63	1	62

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 2 (continued): Annual distortion estimates, **Taiwan**, 1955 to 2002 (c) Value shares of primary production of covered^a and non-covered products, (percent)

	Beef	Egg	Pigmeat	Poultry	Rice	Wheat	Non-covered
1955	0	0	12	1	34	0	52
1956	0	0	15	1	40	0	43
1957	0	0	16	1	35	0	48
1958	0	0	12	1	36	0	50
1959	0	1	17	1	37	0	43
1960	0	1	13	1	33	0	53
1961	0	1	13	2	35	0	49
1962	0	1	8	1	40	0	49
1963	0	1	9	2	38	0	50
1964	0	1	9	1	35	0	54
1965	0	1	9	1	36	0	53
1966	0	1	9	1	37	0	52
1967	0	1	10	2	37	0	51
1968	0	1	9	1	39	0	50
1969	0	1	11	2	35	0	50
1970	0	1	12	2	32	0	53
1971	0	1	12	2	29	0	55
1972	0	2	12	3	28	0	55
1973	0	1	12	3	29	0	54
1974	0	1	12	2	38	0	46
1975	0	2	10	2	36	0	50
1976	0	2	15	3	31	0	49
1977	0	2	17	4	26	0	51
1978	0	3	16	4	26	0	52
1979	0	2	18	4	22	0	54
1980	0	2	14	4	21	0	58
1981	0	2	14	4	21	0	59
1982	0	2	15	4	18	0	61
1983	0	3	16	5	17	na	59
1984	0	3	16	5	15	na	60
1985	0	3	16	5	14	na	62
1986	0	3	17	5	11	na	64
1987	0	2	16	5	9	na	68
1988	0	2	14	5	10	na	69
1989	0	2	14	6	9	na	69
1990	0	3	17	6	10	na	63
1991	0	3	19	5	9	na	64
1992	0	3	17	5	7	na	68
1993	0	3	15	5	7	na	70
1994	0	3	14	5	7	na	70
1995	0	3	16	5	6	na	70
1996	0	4	17	6	7	na	67
1997	0	5	17	7	8	na	62
1998	0	5	14	7	8	na	65
1999	0	5	11	6	8	na	70
2000	0	5	14	7	8	na	66
2001	0	5	16	7	7	na	64
2002	0	5	14	7	7	na	67

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 3: Annual distortion estimates, **China**, 1981 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Cotton	Fruits	Maize	Milk	Pigmeat	Poultry	Rice	Soybean	Sugar	Vegetables	Wheat	All covered
1981	-38	-37	-54	124	-74	24	-66	-12	30	-37	-15	-53
1982	-28	-32	-43	114	-81	33	-62	-3	33	-29	-10	-53
1983	-38	-34	-39	124	-80	31	-56	10	36	-50	5	-52
1984	-31	-12	-5	152	-80	13	-38	9	76	-51	27	-45
1985	-20	-5	6	160	-36	32	-23	30	82	-43	31	-24
1986	-33	0	-3	88	-55	-53	-25	13	33	-58	36	-39
1987	-46	-25	-11	38	-62	-62	-37	-13	27	-67	27	-50
1988	-44	-7	-36	4	-53	-46	-47	-19	37	-63	10	-49
1989	-30	-10	-36	2	-37	-7	-38	-4	45	-56	8	-40
1990	-27	-8	-39	-6	-30	-5	-36	5	3	-45	-4	-34
1991	-25	-6	-31	22	-22	-4	-33	14	29	-34	26	-24
1992	-28	-4	-37	-18	-15	-3	-46	-4	3	-22	-5	-24
1993	-32	-2	-27	-22	-7	-1	-32	-11	-3	-11	-7	-16
1994	-19	0	9	2	0	0	-5	19	25	0	46	3
1995	0	0	-7	-5	0	0	-2	33	23	0	53	3
1996	2	0	-7	-3	0	0	-6	40	24	0	28	1
1997	3	0	11	15	0	0	-9	35	33	0	28	3
1998	-6	0	23	44	0	0	-5	28	18	0	29	4
1999	-17	0	7	40	0	0	-11	11	35	0	13	0
2000	22	0	9	45	0	0	-8	20	67	0	13	2
2001	-21	0	16	4	0	0	-6	21	11	0	-1	0
2002	2	0	7	11	0	0	-15	14	30	0	-3	-1
2003	0	0	20	27	0	0	0	23	10	0	-1	2
2004	-13	0	6	30	0	0	-2	10	25	0	8	1
2005	14	0	17	32	0	0	-12	10	34	0	8	1

Table 3 (continued): Annual distortion estimates, **China**, 1955 to 2005
 (b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries

(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Exportables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1955-									
1980 ^d	na	na	na	-40	na	na	na	na	-54
1981	0	-54	-35	-48	-58	-28	-48	na	-54
1982	0	-53	-32	-47	-58	-19	-47	43	-63
1983	0	-52	-31	-46	-59	-12	-46	42	-62
1984	0	-45	-19	-39	-52	15	-39	40	-57
1985	0	-25	-1	-17	-31	34	-17	39	-40
1986	0	-39	-11	-33	-45	32	-33	24	-46
1987	0	-50	-23	-45	-56	20	-45	25	-56
1988	0	-50	-24	-46	-54	9	-46	26	-57
1989	0	-41	-18	-36	-45	6	-36	27	-50
1990	0	-34	-21	-29	-37	-16	-29	28	-45
1991	0	-24	-6	-18	-28	13	-18	27	-36
1992	0	-24	-12	-20	-26	-6	-20	26	-36
1993	0	-16	-9	-12	-17	-5	-12	24	-29
1994	0	3	11	7	0	25	7	19	-10
1995	0	3	7	6	0	17	6	13	-6
1996	1	0	4	4	-2	10	4	12	-7
1997	1	2	11	7	-1	23	7	9	-2
1998	1	3	11	10	1	21	10	9	1
1999	1	0	6	5	-2	13	5	7	-1
2000	1	1	9	8	0	17	8	6	2
2001	1	0	1	4	0	1	4	6	-1
2002	1	-2	1	4	-2	4	4	5	-1
2003	1	2	4	7	2	6	7	4	2
2004	0	1	4	7	0	8	7	3	3
2005	0	0	6	7	-1	12	7	3	3

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

d. Estimates for China pre-1981 are based on the assumption that the nominal rate of assistance to agriculture in those years was the same as the average NRA estimates for for 1981-89.

Table 3 (continued): Annual distortion estimates, **China**, 1981 to 2005
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Cotton	Fruits	Maize	Milk	Pigmeat	Poultry	Rice	Soybean	Sugar	Vegetab les	Wheat	Non- covered
1981	1	1	7	0	20	1	27	2	0	18	6	16
1982	1	1	5	0	26	1	25	2	0	16	6	16
1983	2	1	6	0	23	1	21	1	0	24	6	15
1984	2	1	5	0	26	1	19	1	0	25	6	12
1985	1	2	5	0	14	1	18	1	0	32	6	18
1986	1	2	5	0	18	2	16	2	1	37	5	11
1987	1	2	4	0	19	2	15	2	1	39	4	9
1988	1	2	4	0	19	3	18	2	1	38	4	8
1989	1	2	5	0	16	2	18	1	1	40	5	8
1990	1	2	6	0	14	3	17	1	1	34	6	14
1991	2	3	7	0	15	4	17	1	1	30	5	15
1992	1	3	7	1	14	3	19	2	1	32	7	13
1993	1	3	8	1	15	2	19	3	1	21	7	19
1994	2	4	7	1	18	4	19	2	1	24	6	13
1995	1	5	8	1	19	6	17	2	1	23	6	11
1996	1	3	9	1	18	5	17	1	1	21	7	15
1997	1	3	6	1	22	6	16	2	1	18	7	19
1998	1	3	6	0	18	6	15	1	1	18	6	25
1999	1	3	5	1	16	6	13	1	1	16	6	33
2000	1	3	4	1	16	6	11	1	1	19	5	34
2001	1	3	4	1	16	5	9	1	1	18	5	35
2002	1	3	4	1	15	5	9	1	1	18	4	37
2003	1	4	4	1	18	6	9	1	1	19	4	33
2004	1	4	5	1	19	5	10	2	1	17	4	32
2005	1	4	4	1	17	5	11	1	1	17	4	34

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 4: Annual distortion estimates, **Indonesia**, 1970 to 2004
(a) Nominal rates of assistance to covered products
(percent)

	Coconut	Coffee	Maize	Palmoil	Poultry	Rice	Rubber	Soybean	Sugar	Tea covered	All
1970	-17	-9	-7	-33	na	na	12	2	26	10	-2
1971	-2	-11	-21	-30	89	na	12	2	27	9	7
1972	2	-14	-22	26	62	na	21	-4	1	-10	2
1973	-2	1	-5	7	50	na	27	-20	-32	-18	-10
1974	-11	-3	-22	-41	89	na	3	-9	-11	-21	-10
1975	-5	-2	-24	-15	107	22	15	27	28	-9	15
1976	10	-1	-3	7	92	19	21	28	62	-10	21
1977	14	-4	22	-3	187	22	1	29	37	-8	20
1978	9	-5	30	-13	220	-1	-28	35	4	17	3
1979	-17	-7	25	-22	115	8	-26	40	-14	0	-4
1980	-4	-8	11	10	138	-10	-29	32	25	3	-4
1981	9	-5	10	14	183	-6	-21	50	58	17	9
1982	8	-4	13	65	186	33	-13	77	30	9	27
1983	-18	-13	50	36	132	11	-14	42	66	-10	17
1984	-26	-13	10	-14	99	10	-3	45	90	-10	11
1985	-16	-9	9	4	144	15	-8	31	39	4	14
1986	0	-4	24	48	108	7	-25	37	20	3	11
1987	-19	6	32	-13	58	-4	-35	14	-1	-11	-5
1988	-24	1	50	-33	68	-9	-19	0	-8	-4	-9
1989	-51	-6	-5	-12	56	-14	-15	2	-7	-3	-12
1990	-43	-2	-3	17	69	-10	-23	20	14	-8	-5
1991	-45	1	28	0	147	-16	-28	18	15	-2	-7
1992	-47	1	35	4	69	-8	-33	14	4	-3	-5
1993	-44	0	21	23	86	-4	-37	16	-6	-5	-5
1994	-50	-2	31	14	103	-6	-38	19	-7	6	-6
1995	-47	-2	37	-18	102	-12	-31	28	-7	6	-11
1996	-47	6	29	2	136	-15	-21	19	-12	-13	-10
1997	-16	5	19	-12	71	-7	56	16	-29	-23	-7
1998	-26	-1	36	-57	-9	-34	58	0	67	-23	-24
1999	-11	4	2	-6	139	4	123	24	37	-16	6
2000	-8	7	23	-3	107	15	56	1	60	-19	16
2001	-9	4	-3	12	70	21	38	-5	26	-18	17
2002	-10	1	1	-12	120	23	0	5	42	-15	15
2003	-6	0	25	-13	101	25	-4	4	68	-12	18
2004	na	3	9	na	na	9	-6	0	51	-14	12

Table 4 (continued): Annual distortion estimates, **Indonesia**, 1970 to 2004 (b)
Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
and import-competing^b agricultural industries, and relative^c to non-agricultural
industries

(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Exportables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1970	6	-8	-4	-3	-11	10	-8	28	-28
1971	6	1	6	6	-2	19	7	28	-16
1972	7	-5	1	2	5	-1	2	28	-20
1973	6	-16	-7	-9	2	-25	-10	28	-30
1974	5	-16	-7	-9	-11	-10	-10	28	-30
1975	9	6	6	12	-3	21	13	28	-11
1976	6	14	12	18	10	26	20	28	-6
1977	6	14	12	17	9	27	20	28	-6
1978	6	-3	2	3	1	4	3	28	-19
1979	7	-10	-4	-4	-18	5	-4	28	-25
1980	7	-10	-4	-4	-11	0	-4	28	-25
1981	7	2	5	8	3	12	9	28	-15
1982	8	20	13	22	7	34	25	28	-2
1983	8	9	5	12	-12	27	14	28	-11
1984	7	4	2	7	-21	25	9	28	-15
1985	7	7	4	10	-12	24	12	28	-12
1986	6	4	4	8	-3	15	9	28	-14
1987	6	-11	-6	-6	-20	1	-7	28	-27
1988	6	-15	-9	-9	-21	-5	-10	26	-29
1989	5	-17	-12	-12	-27	-9	-14	24	-30
1990	4	-9	-7	-6	-21	-1	-6	22	-23
1991	4	-11	-10	-8	-26	-3	-9	20	-24
1992	4	-9	-9	-7	-28	0	-7	18	-21
1993	2	-7	-8	-6	-23	0	-7	16	-19
1994	2	-8	-8	-7	-25	0	-8	14	-19
1995	2	-13	-11	-11	-28	-4	-12	12	-21
1996	2	-12	-9	-10	-21	-7	-11	11	-20
1997	2	-9	-4	-6	-5	-7	-7	11	-16
1998	3	-27	-17	-22	-30	-21	-25	10	-31
1999	3	3	3	5	-1	10	6	10	-4
2000	2	13	8	13	0	23	14	9	5
2001	2	15	9	14	4	22	16	9	7
2002	2	14	7	12	-8	29	14	8	5
2003	1	16	9	14	-8	34	16	8	8
2004	3	9	3	8	-5	15	10	8	2

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 4 (continued): Annual distortion estimates, **Indonesia**, 1970 to 2004 (c) Value shares of primary production of covered^a and non-covered products, (percent)

	Coconut	Coffee	Maize	Palm oil	Poultry	Rice	Rubber	Soybean	Sugar	Tea	Non-covered
1970	32	3	5	1	na	na	7	2	15	1	34
1971	31	2	5	1	1	na	5	2	20	1	32
1972	22	2	5	1	1	na	4	2	24	1	38
1973	27	1	4	1	1	na	5	2	22	1	36
1974	34	1	4	2	1	na	4	2	16	0	35
1975	12	1	4	1	1	34	2	1	11	0	31
1976	14	2	3	1	1	36	3	1	8	0	30
1977	18	3	2	1	0	30	3	1	9	1	33
1978	15	2	2	1	0	32	4	1	11	0	32
1979	15	2	2	1	1	28	5	1	11	0	33
1980	11	2	2	1	1	34	6	1	7	0	35
1981	10	1	2	1	1	35	3	1	11	0	35
1982	9	1	2	1	1	31	3	0	14	0	38
1983	11	1	2	1	1	33	3	1	10	0	36
1984	13	1	3	2	1	31	3	1	7	0	38
1985	10	1	3	2	1	30	3	1	10	0	40
1986	7	2	3	1	1	29	3	1	11	0	41
1987	8	2	2	2	1	27	5	1	11	0	40
1988	8	2	1	2	1	30	5	1	12	0	37
1989	4	1	2	2	1	35	4	1	12	0	36
1990	3	1	4	2	2	35	4	1	11	0	37
1991	4	1	3	2	1	35	4	1	11	0	37
1992	5	1	2	3	2	34	4	2	14	0	34
1993	4	1	2	2	2	29	5	1	14	0	39
1994	5	2	2	4	2	29	6	1	13	0	35
1995	5	2	2	4	1	30	6	1	10	0	39
1996	5	1	3	4	1	33	5	1	10	0	37
1997	8	1	3	5	2	30	2	1	10	0	38
1998	9	2	2	9	1	36	2	1	3	0	33
1999	13	2	3	4	1	35	1	1	4	0	36
2000	11	2	2	6	2	33	2	1	4	0	37
2001	9	1	3	6	2	29	2	1	7	0	39
2002	8	1	3	8	2	27	3	0	5	0	42
2003	8	1	3	7	2	23	4	0	4	0	46
2004	na	1	4	na	na	35	5	1	6	0	46

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 5: Annual distortion estimates, **Malaysia**, 1960 to 2004
(a) Nominal rates of assistance to covered products
(percent)

	Cocoa	Palmoil	Rice	Rubber	All covered
1960	na	-11	29	-14	-11
1961	na	-11	21	-13	-8
1962	na	-9	11	-9	-6
1963	na	-10	14	-9	-6
1964	na	-16	21	-15	-11
1965	na	-10	25	-10	-5
1966	na	-12	11	-11	-8
1967	-1	-11	-10	-9	-10
1968	-3	-9	-19	-7	-10
1969	-2	-11	-16	-11	-12
1970	-1	-10	3	-9	-7
1971	-1	-17	20	-16	-10
1972	-1	-12	19	-9	-4
1973	-7	-11	-3	-11	-10
1974	-4	-26	-23	-19	-22
1975	1	-22	-17	-15	-18
1976	-1	-12	74	-18	-8
1977	-1	-22	83	-24	-16
1978	-6	-11	27	-26	-17
1979	-2	-9	30	-29	-18
1980	-2	-7	29	-29	-17
1981	-1	-7	33	-22	-10
1982	-1	-5	81	-13	0
1983	-1	-3	160	-15	1
1984	-3	-7	167	-13	-2
1985	4	1	192	-4	8
1986	-1	-3	171	-8	4
1987	-7	-8	253	-13	-3
1988	-4	-5	112	-12	-2
1989	1	0	63	-6	2
1990	-1	-2	123	-7	5
1991	-1	-2	100	-7	4
1992	-6	-6	147	-12	1
1993	-2	-3	165	-8	5
1994	-2	-3	101	-7	2
1995	-1	-3	117	-5	2
1996	-1	-2	86	-5	3
1997	-8	-9	6	-13	-8
1998	0	-1	26	-5	1
1999	0	-1	52	-6	2
2000	0	-1	54	-5	3
2001	0	-2	89	-6	3
2002	0	-1	82	-5	2
2003	0	-1	65	-4	1
2004	0	-1	65	-3	1

Table 5 (continued): Annual distortion estimates, **Malaysia**, 1960 to 2004 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1960	0	-11	0	-10	-14	16	-10	8	-17
1961	0	-8	0	-7	-12	15	-8	8	-14
1962	0	-6	0	-5	-9	8	-6	8	-12
1963	0	-6	0	-5	-9	11	-5	7	-11
1964	0	-11	0	-9	-15	16	-9	7	-15
1965	0	-5	0	-4	-9	18	-4	6	-10
1966	0	-8	0	-7	-10	8	-7	6	-12
1967	0	-10	0	-8	-9	-8	-9	8	-15
1968	0	-10	0	-9	-7	-15	-9	8	-16
1969	0	-12	0	-10	-10	-12	-10	8	-17
1970	0	-7	0	-6	-9	2	-6	7	-12
1971	0	-10	0	-9	-15	16	-9	7	-15
1972	0	-4	0	-3	-9	15	-4	9	-12
1973	0	-10	0	-8	-10	-3	-9	8	-16
1974	0	-22	0	-19	-20	-18	-19	4	-23
1975	0	-18	0	-15	-17	-14	-16	6	-21
1976	0	-8	0	-7	-15	45	-7	6	-12
1977	0	-16	0	-13	-22	44	-14	7	-20
1978	0	-17	0	-15	-20	15	-15	6	-21
1979	0	-18	0	-15	-21	18	-16	7	-21
1980	0	-17	0	-14	-20	16	-15	6	-20
1981	0	-10	0	-8	-14	20	-8	5	-13
1982	0	0	0	0	-8	43	0	5	-5
1983	0	1	0	1	-9	60	1	5	-4
1984	0	-2	0	-2	-8	45	-2	5	-6
1985	0	8	0	6	-1	56	6	4	2
1986	0	4	0	3	-5	56	3	4	-1
1987	0	-3	0	-2	-10	55	-2	5	-7
1988	0	-2	0	-2	-7	32	-2	4	-5
1989	0	2	0	2	-2	22	2	3	-1
1990	0	5	0	4	-3	40	4	3	1
1991	0	4	0	3	-3	32	3	3	0
1992	0	1	0	1	-7	38	1	3	-2
1993	0	5	0	3	-4	35	3	3	1
1994	0	2	0	1	-3	21	1	3	-1
1995	0	2	0	1	-3	19	1	2	-1
1996	0	3	0	2	-2	18	2	3	-1
1997	0	-8	0	-5	-8	3	-6	2	-8
1998	0	1	0	0	-1	5	0	1	-1
1999	0	2	0	1	-1	9	1	2	0
2000	0	3	0	2	-1	13	2	1	1
2001	0	3	0	2	-2	17	2	1	1
2002	0	2	0	1	-1	13	1	1	0
2003	0	1	0	1	-1	9	1	1	0
2004	0	1	0	1	-1	9	1	1	0

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 5 (continued): Annual distortion estimates, **Malaysia**, 1960 to 2004: (c) Value shares of primary production of covered^a and non-covered products, (percent)

	Cocoa	Palmoil	Rice	Rubber	Non-covered
1960	na	2	6	78	14
1961	na	3	11	72	14
1962	na	3	13	70	14
1963	na	4	13	69	14
1964	na	4	11	70	14
1965	na	6	12	68	14
1966	na	6	13	67	14
1967	0	7	17	62	14
1968	0	6	21	59	14
1969	0	5	16	65	14
1970	0	11	16	58	14
1971	0	16	14	56	14
1972	0	17	17	52	14
1973	0	11	17	57	14
1974	0	23	17	46	14
1975	0	29	18	37	15
1976	1	21	8	55	15
1977	0	30	6	49	15
1978	0	27	6	52	15
1979	0	26	7	51	15
1980	0	25	7	51	17
1981	1	29	9	41	19
1982	1	37	8	33	21
1983	1	30	5	41	23
1984	2	46	3	25	25
1985	2	43	3	27	25
1986	3	31	4	37	25
1987	3	29	2	41	25
1988	3	37	3	31	27
1989	2	40	5	23	29
1990	2	37	5	25	31
1991	2	39	5	21	33
1992	1	41	4	18	35
1993	1	41	3	18	37
1994	1	38	3	19	39
1995	1	42	3	14	41
1996	1	43	4	13	41
1997	0	44	5	10	41
1998	0	49	3	5	42
1999	0	49	3	6	42
2000	0	47	4	5	43
2001	0	44	4	9	43
2002	0	45	3	9	43
2003	0	45	2	10	43
2004	0	48	2	11	38

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 6: Annual distortion estimates, **Philippines**, 1960 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Banana	Beef	Coconut	Maize	Pigmeat	Poultry	Rice	Sugar	All covered
1962	0	15	-24	-14	-30	-13	-18	38	-13
1963	0	15	-25	8	-27	6	-6	-39	-8
1964	0	15	-25	8	-34	34	14	-24	1
1965	0	15	-25	42	-23	49	10	103	16
1966	0	15	-20	29	-4	48	12	157	22
1967	0	15	-23	39	10	66	-5	134	15
1968	0	15	-18	44	44	80	-14	142	14
1969	0	15	-16	38	40	92	-10	67	16
1970	-4	15	-28	-10	13	67	-8	38	5
1971	-4	15	-27	49	25	35	29	16	24
1972	-4	10	-29	43	-10	25	23	-31	4
1973	-4	10	-23	-8	-18	-1	-39	-48	-31
1974	-4	10	-19	-3	6	18	-53	-34	-32
1975	-4	10	-21	6	-23	13	-29	-44	-23
1976	-4	10	-18	22	-12	5	0	-19	-5
1977	-4	10	-14	41	-9	42	-4	14	1
1978	-4	10	-12	37	-15	42	-32	24	-11
1979	-4	10	-18	16	31	38	-24	16	-6
1980	-4	5	-25	25	48	48	-38	-18	-16
1981	-4	5	-21	28	42	46	-36	-15	-13
1982	-4	5	-31	42	30	44	3	73	12
1983	-4	5	-36	-2	21	27	-10	64	-3
1984	-4	5	-23	7	39	26	0	193	12
1985	-4	5	-37	41	59	50	43	273	26
1986	0	20	-27	62	32	40	26	114	26
1987	0	20	-17	96	43	44	11	126	27
1988	0	20	-14	46	65	43	-9	70	13
1989	0	20	-9	54	56	37	2	33	17
1990	0	20	-17	51	25	34	16	29	16
1991	0	30	-15	24	24	39	1	56	10
1992	0	30	-19	88	16	84	21	75	24
1993	0	30	-15	69	24	68	46	51	32
1994	0	30	-10	82	36	57	21	35	24
1995	0	30	-9	94	-2	50	55	80	36
1996	0	30	-4	48	31	37	71	80	47
1997	0	30	-22	84	53	39	63	60	45
1998	0	30	-5	66	-2	25	21	95	20
1999	0	20	2	100	23	60	53	171	41
2000	0	10	-23	96	6	66	73	77	39
2001	0	10	-23	72	0	51	69	67	36
2002	0	10	-5	45	-7	55	54	105	27
2003	0	10	-8	25	-22	49	41	84	15
2004	0	10	-11	35	-19	40	17	64	7

Table 6 (continued): Annual distortion estimates, **Philippines**, 1960 to 2005 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Exportables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1962	0	-13	-3	-11	3	-15	-8	19	-23
1963	0	-8	-1	-6	-11	-6	-3	19	-19
1964	0	1	3	2	-10	5	7	19	-10
1965	0	16	8	14	27	12	19	19	0
1966	0	22	8	19	44	15	21	22	-1
1967	0	15	5	13	40	8	13	20	-6
1968	0	14	4	12	40	6	9	19	-9
1969	0	16	4	13	27	10	10	21	-9
1970	0	5	1	4	14	1	3	20	-14
1971	0	24	8	21	4	31	19	24	-4
1972	0	4	2	4	-20	17	5	15	-9
1973	0	-31	-11	-27	-30	-28	-27	11	-35
1974	0	-32	-12	-28	-19	-35	-31	10	-37
1975	0	-23	-8	-19	-25	-19	-20	13	-29
1976	0	-5	-1	-4	-14	3	-3	17	-17
1977	0	1	2	2	-3	5	2	18	-13
1978	0	-11	-3	-8	-1	-14	-8	17	-21
1979	0	-6	-2	-5	-6	-5	-8	17	-22
1980	0	-16	-7	-13	-15	-14	-17	16	-29
1981	0	-13	-6	-11	-12	-13	-15	13	-25
1982	0	12	7	11	5	17	9	13	-3
1983	0	-3	1	-2	-6	0	-4	11	-14
1984	0	12	7	11	10	13	8	12	-4
1985	0	26	17	24	2	44	22	12	9
1986	0	26	12	22	7	35	21	10	10
1987	0	27	11	23	11	33	21	11	9
1988	0	13	4	11	5	17	6	13	-6
1989	0	17	5	14	5	21	10	9	0
1990	0	16	7	14	0	24	12	11	1
1991	0	10	3	8	5	11	6	9	-3
1992	0	24	10	21	8	30	20	11	9
1993	0	32	13	28	6	43	27	9	17
1994	0	24	8	21	4	31	18	10	8
1995	0	36	15	31	-4	44	34	7	26
1996	0	47	19	41	-2	58	44	8	33
1997	0	45	20	39	4	60	42	9	31
1998	0	20	8	17	-2	25	19	8	10
1999	0	41	18	36	1	53	39	11	25
2000	0	39	17	34	-9	50	37	9	25
2001	0	36	15	32	-8	45	34	8	24
2002	0	27	11	24	-2	34	26	7	18
2003	0	15	6	14	-3	19	15	5	10
2004	0	7	3	6	5	7	6	3	3

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 6 (continued): Annual distortion estimates, **Philippines**, 1960 to 2005 (c)
 Value shares of primary production of covered^a and non-covered products,
 (percent)

	Banana	Beef	Coconut	Maize	Pigmeat	Poultry	Rice	Sugar	Non-covered
1962	5	7	2	8	11	5	37	3	22
1963	5	4	3	9	12	4	37	4	22
1964	5	4	3	9	14	4	34	5	22
1965	4	4	3	8	13	4	34	7	22
1966	4	4	2	8	14	4	36	5	22
1967	4	3	2	7	12	4	42	6	19
1968	4	3	2	7	9	3	45	6	20
1969	5	3	2	8	9	3	38	10	22
1970	4	4	3	11	11	2	31	12	22
1971	5	2	3	11	12	3	30	15	19
1972	4	3	4	9	11	2	27	17	23
1973	2	2	4	10	8	2	34	17	22
1974	3	3	5	10	6	1	41	11	21
1975	2	2	9	10	6	1	29	15	24
1976	2	2	12	10	6	1	25	15	25
1977	2	2	15	7	8	1	26	10	29
1978	3	2	15	7	9	1	28	7	28
1979	3	2	21	7	6	1	25	9	25
1980	4	3	14	6	6	1	28	10	28
1981	3	3	12	7	6	1	29	11	28
1982	4	4	15	8	8	1	25	9	27
1983	4	4	16	9	8	1	23	6	29
1984	4	3	22	9	9	1	21	5	26
1985	4	3	24	10	7	1	23	4	25
1986	5	3	14	9	9	1	24	5	30
1987	4	3	15	8	9	1	26	5	28
1988	5	3	17	9	8	1	26	6	24
1989	4	3	13	8	9	1	27	9	26
1990	4	3	14	8	12	2	23	9	26
1991	4	3	10	7	11	1	35	5	22
1992	4	3	13	7	13	1	31	6	22
1993	4	4	12	7	13	1	29	7	22
1994	4	3	10	6	12	1	35	6	22
1995	4	3	9	5	18	1	32	6	21
1996	4	3	9	7	14	2	33	6	22
1997	5	4	11	5	12	2	32	6	23
1998	4	5	10	5	16	2	28	5	25
1999	6	6	11	5	14	1	31	3	22
2000	5	7	8	5	18	1	29	5	21
2001	5	6	7	6	19	2	29	6	20
2002	5	5	9	6	21	1	30	4	19
2003	5	5	8	6	23	1	29	4	20
2004	4	4	10	6	21	1	30	4	20

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 7: Annual distortion estimates, **Thailand**, 1970 to 2004
(a) Nominal rates of assistance to covered products
(percent)

	Cassava	Maize	Palmoil	Pigmeat	Poultry	Rice	Rubber	Soybean	Sugar	All covered
1970	-10	-2	na	-5	na	-26	-5	na	33	-20
1971	-25	-3	na	16	-37	-29	5	na	30	-24
1972	-33	5	na	-17	-43	-22	11	na	12	-23
1973	-39	-8	na	-35	-32	-21	-5	na	5	-22
1974	-8	-2	na	18	-19	-52	-8	na	-17	-41
1975	0	-5	na	-7	30	-40	2	na	-11	-28
1976	0	-3	na	-9	24	-21	-3	na	-3	-12
1977	-10	0	na	19	3	-26	-11	na	-2	-16
1978	-13	-2	na	-13	8	-31	-14	na	2	-22
1979	19	-4	na	19	15	-24	-18	na	-2	-13
1980	-2	-4	-25	83	45	-25	-21	na	6	-12
1981	-22	-7	-33	60	12	-29	-28	na	21	-17
1982	-7	0	-20	19	34	-16	-14	na	1	-7
1983	7	0	-19	68	27	-9	-8	na	7	0
1984	-21	0	-31	29	16	-12	-19	-18	28	-7
1985	-29	-7	-22	-5	16	-20	-14	-27	41	-13
1986	0	-12	12	-5	-9	-18	-11	-20	41	-11
1987	-21	-9	68	3	-13	-11	-15	-16	38	-10
1988	-20	-4	71	53	-13	-9	-14	-7	43	-5
1989	-13	-6	32	58	-17	-17	-13	-12	21	-9
1990	-11	-5	67	14	-5	-14	-4	-44	24	-7
1991	-16	-4	39	-6	-12	-14	-7	-16	35	-8
1992	-12	-13	18	15	-17	-10	-2	35	45	-4
1993	-17	0	22	-20	-10	-20	-8	21	37	-10
1994	1	-1	-14	5	-11	-24	-2	27	29	-9
1995	3	6	-13	60	17	-10	-2	22	21	3
1996	-19	-10	-3	32	18	-2	2	25	37	5
1997	-20	-37	-18	3	8	-17	-4	7	37	-8
1998	-11	-7	-19	19	23	-16	4	17	14	-4
1999	-22	-10	-11	67	23	-11	-6	37	2	-1
2000	-14	1	-11	-10	21	-13	-1	36	16	-3
2001	-8	-2	-38	-16	15	-9	1	30	8	-3
2002	-5	-2	-9	21	33	-6	4	33	12	5
2003	-13	0	-15	-3	13	-3	3	28	9	1
2004	-10	0	na	na	na	-6	-6	22	18	-2

Table 7 (continued): Annual distortion estimates, **Thailand**, 1970 to 2004 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries

(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Exportables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1970	-1	-18	-9	-15	-21	-5	-18	16	-29
1971	-1	-22	-3	-16	-26	16	-18	16	-30
1972	-1	-21	-13	-19	-23	-17	-22	16	-33
1973	-1	-21	-19	-21	-21	-35	-23	16	-34
1974	-1	-40	-8	-30	-43	18	-34	16	-43
1975	-1	-27	-12	-23	-29	-7	-26	16	-36
1976	-1	-11	-7	-10	-13	-9	-12	16	-24
1977	-1	-15	0	-10	-18	19	-12	16	-24
1978	-1	-21	-12	-18	-23	-13	-21	16	-32
1979	-1	-12	2	-8	-15	19	-9	16	-22
1980	-1	-11	21	-1	-16	78	-1	16	-15
1981	-1	-16	11	-8	-21	55	-9	15	-21
1982	-1	-6	3	-4	-8	17	-4	14	-16
1983	-1	1	18	6	-3	56	7	13	-6
1984	-1	-5	4	-3	-8	21	-4	12	-14
1985	-3	-10	-7	-11	-14	-7	-13	11	-22
1986	-2	-9	-5	-9	-11	-4	-10	11	-19
1987	-3	-6	0	-7	-11	11	-8	11	-17
1988	-2	-3	16	0	-9	56	0	11	-10
1989	-3	-7	13	-4	-13	53	-4	11	-14
1990	-3	-3	4	-4	-9	22	-4	10	-13
1991	-2	-6	-3	-7	-9	-1	-8	10	-16
1992	-1	-3	4	-2	-7	18	-2	10	-11
1993	-2	-9	-7	-9	-10	-10	-10	10	-18
1994	-1	-8	-2	-7	-11	4	-8	10	-16
1995	-1	4	18	7	-1	54	7	9	-2
1996	0	5	11	6	2	31	7	9	-2
1997	0	-8	-2	-7	-10	3	-8	9	-15
1998	-2	-1	4	-2	-5	19	-2	9	-10
1999	-3	2	19	4	-5	64	4	8	-4
2000	-1	-2	-3	-3	-3	-6	-3	8	-11
2001	-1	-3	-5	-4	-2	-14	-4	8	-11
2002	-2	7	8	6	4	22	7	8	-1
2003	0	0	0	0	1	-1	0	8	-7
2004	-1	-2	7	-1	-3	22	-1	8	-8

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 7 (continued): Annual distortion estimates, **Thailand**, 1970 to 2004 (c) Value shares of primary production of covered^a and non-covered products, (percent)

	Cassava	Maize	Palmoil	Pigmeat	Poultry	Rice	Rubber	Soybean	Sugar	Non-covered
1970	3	4	na	4	na	44	3	na	1	40
1971	3	4	na	3	9	40	3	na	1	37
1972	6	2	na	4	9	39	3	na	1	35
1973	4	5	na	5	7	42	4	na	2	31
1974	1	4	na	2	4	50	2	na	2	34
1975	2	5	na	3	3	47	2	na	3	35
1976	4	4	na	3	3	39	3	na	5	37
1977	6	2	na	3	5	38	4	na	7	36
1978	4	3	na	4	4	42	4	na	3	34
1979	5	4	na	3	4	39	7	na	6	33
1980	7	4	0	3	3	41	6	na	3	33
1981	6	4	0	3	4	42	5	na	5	32
1982	7	4	0	4	4	35	5	na	8	33
1983	7	5	0	3	5	36	6	na	4	33
1984	8	6	1	4	4	35	6	1	4	32
1985	6	5	1	5	4	34	7	1	3	33
1986	7	5	0	5	6	30	10	2	2	33
1987	10	3	1	5	6	28	11	1	3	31
1988	7	5	1	3	6	36	13	2	3	25
1989	6	5	1	3	6	38	10	2	4	24
1990	7	4	1	5	7	29	11	3	5	28
1991	7	4	1	6	9	30	9	1	4	28
1992	6	4	1	6	11	27	11	1	4	29
1993	5	3	1	7	11	24	12	1	4	31
1994	4	4	2	6	9	29	14	1	4	28
1995	5	4	2	4	8	28	18	1	5	25
1996	5	5	2	6	9	27	16	1	4	24
1997	4	6	2	7	9	31	12	1	4	24
1998	5	4	3	4	9	36	10	1	4	25
1999	4	5	2	4	10	33	11	1	6	25
2000	3	5	2	6	10	31	13	1	6	23
2001	4	4	2	9	12	27	12	0	5	25
2002	4	4	3	6	11	27	16	0	5	23
2003	4	4	3	6	9	24	21	0	6	21
2004	5	4	na	na	na	29	31	0	11	20

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 8: Annual distortion estimates, **Vietnam**, 1986 to 2005(a) Nominal rates of assistance to covered products
(percent)

	Coffee	Pigmeat	Poultry	Rice	Rubber	Sugar	All covered
1986	-58	-45	na	1	na	na	-11
1987	-74	-73	na	-7	na	na	-29
1988	-36	-27	na	2	na	na	-3
1989	-30	-22	na	-7	na	na	-11
1990	-34	-52	-3	-37	92	26	-36
1991	-27	-46	-4	-20	14	37	-23
1992	-21	-50	-4	-35	-5	38	-34
1993	-12	-32	-4	-25	5	67	-23
1994	-12	-8	-4	-16	0	80	-11
1995	-10	5	-4	-8	1	61	-4
1996	0	16	5	-7	2	79	0
1997	-2	-37	5	0	8	80	-6
1998	-15	-22	6	-9	33	105	-8
1999	-8	8	6	22	50	239	21
2000	-7	-4	2	19	24	99	14
2001	-16	-14	2	35	50	97	20
2002	-16	45	2	4	23	160	14
2003	-9	na	2	34	-6	218	31
2004	na	na	2	22	-6	227	24
2005	na	na	2	9	na	162	12

Table 8 (continued): Annual distortion estimates, **Vietnam**, 1986 to 2005 (b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1986	0	-11	-16	-13	-19	50	-15	7	-21
1987	0	-29	-24	-27	-32	53	-31	6	-35
1988	0	-3	-11	-6	-8	44	-7	7	-13
1989	0	-11	-7	-9	-10	2	-10	-2	-8
1990	0	-36	-35	-36	-37	17	-37	-15	-26
1991	0	-23	-19	-22	-24	21	-23	-8	-17
1992	0	-34	-33	-34	-36	18	-35	-16	-22
1993	0	-23	-23	-23	-25	31	-24	-11	-15
1994	0	-11	-15	-12	-14	41	-13	-7	-7
1995	0	-4	-7	-4	-6	41	-6	-8	3
1996	0	0	-6	-2	-3	50	-3	-8	5
1997	0	-6	0	-5	-8	52	-5	3	-8
1998	0	-8	-8	-8	-10	66	-7	-2	-6
1999	0	21	22	21	17	119	21	23	-1
2000	0	14	19	15	12	50	14	16	-2
2001	0	20	33	24	19	54	21	27	-4
2002	0	14	5	11	11	70	13	8	5
2003	0	31	33	32	28	79	31	31	1
2004	0	24	22	23	19	84	23	22	1
2005	0	12	9	11	8	56	11	11	1

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 8 (continued): Annual distortion estimates, **Vietnam**, 1986 to 2005 (c) Value shares of primary production of covered^a and non-covered products, (percent)

	Coffee	Pigmeat	Poultry	Rice	Rubber	Sugar	Non-covered
1986	1	14	na	43	na	na	42
1987	1	22	na	47	na	na	29
1988	1	10	na	57	na	na	32
1989	1	14	na	56	na	na	29
1990	1	14	2	56	1	2	24
1991	1	13	3	53	1	2	28
1992	1	12	3	44	1	1	39
1993	2	13	3	45	1	1	35
1994	2	11	3	45	1	2	36
1995	5	12	3	54	1	2	23
1996	4	11	3	55	1	2	24
1997	5	18	3	46	2	2	24
1998	4	13	3	55	1	2	22
1999	5	14	3	49	1	1	26
2000	6	14	4	42	2	2	31
2001	4	16	4	37	1	3	34
2002	2	12	4	47	2	1	33
2003	2	na	5	43	4	1	45
2004	na	na	4	47	4	1	44
2005	na	na	3	49	na	1	47

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 9: Annual distortion estimates, **Bangladesh**, 1974 to 2004
(a) Nominal rates of assistance to covered products
(percent)

	Jute	Potato	Rice	Sugar	Tea	Wheat	All covered
1974	-30	1	-26	74	1	39	-21
1975	-53	1	105	-9	-4	140	78
1976	-33	2	-5	-19	-14	-6	-8
1977	-43	2	-26	65	-14	18	-23
1978	-38	2	-28	209	-23	9	-24
1979	-19	2	-13	213	-17	-9	-10
1980	-30	0	-12	137	-24	1	-10
1981	-40	1	-36	-13	-14	-19	-33
1982	-37	1	5	56	-5	-11	4
1983	-17	2	3	270	-9	-1	6
1984	-22	2	14	236	-2	1	14
1985	-21	2	39	715	-12	7	32
1986	-54	2	8	688	-59	14	2
1987	-44	1	42	338	-8	24	38
1988	-20	2	12	298	-9	16	10
1989	-38	2	1	140	-12	-5	2
1990	-28	3	-4	124	0	3	-1
1991	-33	3	2	137	-14	32	4
1992	-42	2	-2	194	-12	5	0
1993	-46	0	-11	205	-13	-3	-7
1994	-44	2	-12	171	-21	-14	-8
1995	-29	3	-1	124	-33	6	2
1996	15	3	-19	111	-18	-14	-14
1997	-3	3	-24	131	-21	-4	-17
1998	21	3	-15	138	-5	9	-11
1999	-32	2	-1	192	-26	16	2
2000	-37	1	2	308	-16	19	5
2001	-41	2	9	180	-18	-1	9
2002	-29	2	3	149	-27	-5	4
2003	-40	2	6	271	-22	-15	6
2004	-46	2	-8	212	-19	1	-5

Table 9 (continued): Annual distortion estimates, **Bangladesh**, 1974 to 2004 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Exportables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1974	1	-21	0	-16	-29	-21	-22	46	-46
1975	0	78	0	57	-48	93	82	29	42
1976	1	-9	0	-6	-32	-6	-8	27	-27
1977	1	-24	0	-18	-39	-22	-23	28	-40
1978	1	-25	0	-19	-36	-24	-25	29	-42
1979	2	-11	0	-7	-19	-9	-10	30	-31
1980	1	-11	0	-7	-29	-8	-10	18	-24
1981	1	-34	0	-27	-36	-34	-34	24	-47
1982	1	3	0	3	-32	7	4	22	-15
1983	1	5	0	5	-16	8	6	23	-13
1984	1	13	0	11	-17	18	15	25	-8
1985	1	31	0	22	-19	43	33	25	7
1986	1	2	0	2	-55	16	2	29	-21
1987	1	37	0	26	-37	47	40	33	5
1988	1	8	0	7	-18	13	10	29	-15
1989	2	-1	0	1	-33	4	2	26	-20
1990	2	-3	0	0	-23	1	-1	29	-23
1991	2	3	0	3	-30	7	4	32	-21
1992	1	-1	0	0	-36	3	0	35	-26
1993	0	-8	0	-5	-39	-5	-8	32	-30
1994	1	-9	0	-5	-37	-6	-8	39	-34
1995	2	-1	0	1	-30	4	2	29	-21
1996	2	-16	0	-9	5	-15	-14	30	-34
1997	3	-19	0	-11	-8	-18	-17	30	-36
1998	2	-13	0	-8	13	-13	-12	32	-33
1999	2	0	0	1	-30	4	2	25	-18
2000	2	3	0	4	-31	8	6	25	-16
2001	2	7	0	6	-34	12	9	25	-12
2002	3	1	0	3	-28	6	4	21	-14
2003	3	3	0	5	-35	9	7	26	-15
2004	3	-8	0	-4	-37	-4	-6	20	-21

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 9 (continued): Annual distortion estimates, **Bangladesh**, 1974 to 2004: (c)
 Value shares of primary production of covered^a and non-covered products,
 (percent)

	Jute	Potato	Rice	Sugar	Tea	Wheat	Non-covered
1974	9	3	61	3	0	1	23
1975	5	4	57	7	0	0	27
1976	5	3	64	5	1	1	22
1977	7	2	67	3	1	1	19
1978	6	2	68	1	1	1	21
1979	8	2	60	1	1	1	26
1980	6	2	63	1	1	2	25
1981	4	2	69	4	1	3	18
1982	5	3	62	4	1	4	22
1983	5	2	64	1	1	4	22
1984	5	3	61	1	2	4	25
1985	9	3	52	1	2	4	29
1986	11	2	52	1	2	3	29
1987	4	3	54	1	1	3	33
1988	5	3	62	0	1	3	26
1989	4	3	63	2	1	3	24
1990	4	3	62	2	1	2	27
1991	5	2	60	2	1	2	27
1992	4	3	61	2	1	3	27
1993	3	3	58	2	1	3	30
1994	3	4	56	2	1	3	31
1995	3	3	58	2	1	3	30
1996	2	3	58	2	1	4	31
1997	3	3	56	2	1	4	32
1998	3	3	59	0	1	5	29
1999	2	5	58	1	1	4	29
2000	2	7	57	1	1	4	29
2001	3	4	56	1	1	4	30
2002	3	4	58	1	1	4	28
2003	2	6	58	1	1	3	28
2004	2	7	61	1	1	3	26

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 10: Annual distortion estimates, **India**, 1965 to 2004(a) Nominal rates of assistance to covered products
(percent)

	Chi ckp ea	Cott on	Fru it&v eg	Gro und nut	Mai ze	Mil k	Rap ese ed	Rice	Sor ghu m	Soy bea n	Sug ar	Sun flow er	Wh eat	All covt
1965	5	33	0	54	85	na	66	0	46	na	171	na	47	21
1966	4	6	0	24	81	na	40	-34	25	na	181	na	11	-2
1967	39	16	0	6	59	na	83	-37	65	na	126	na	19	-5
1968	0	0	0	16	36	na	64	-44	12	na	224	na	42	-13
1969	75	34	0	18	57	na	62	-35	60	na	90	na	39	0
1970	0	85	0	0	23	na	56	-16	35	na	52	na	58	8
1971	0	90	0	0	34	na	65	0	97	na	29	na	53	17
1972	0	122	0	8	106	na	72	0	39	na	59	na	41	19
1973	0	107	0	0	55	na	0	-34	48	0	0	na	0	-6
1974	7	-12	0	0	28	na	1	-67	56	0	-51	na	0	-36
1975	0	0	0	-31	-31	130	0	-58	0	-16	-69	0	0	-29
1976	0	30	0	-14	0	171	0	-36	0	-14	-16	0	-3	-1
1977	0	0	0	-21	20	176	27	-29	45	-6	8	0	18	5
1978	0	15	0	-18	24	137	34	-43	8	-28	30	0	0	-6
1979	0	0	0	0	0	149	22	-29	5	-10	0	0	0	3
1980	26	8	0	0	0	93	50	-45	0	0	-24	1	0	-9
1981	9	-9	0	25	0	68	46	-54	16	0	-18	3	-2	-15
1982	0	9	0	35	4	97	34	-30	10	0	25	28	0	6
1983	0	8	0	21	9	146	47	-13	4	0	21	0	0	13
1984	3	-14	0	28	-20	164	15	-13	2	-6	44	7	11	15
1985	34	6	0	41	4	186	12	6	24	9	93	52	12	29
1986	3	34	0	95	10	192	60	4	66	35	76	117	8	32
1987	5	90	0	124	86	178	136	8	56	44	68	65	14	43
1988	12	25	0	18	33	79	113	-21	19	5	37	5	18	14
1989	7	14	0	31	-1	49	53	-16	13	4	6	40	-6	8
1990	15	10	0	39	8	91	113	-18	6	5	6	45	29	16
1991	9	1	-17	36	11	48	77	-27	7	4	8	32	-5	0
1992	9	6	-32	4	-15	16	48	-30	-3	3	7	4	-9	-12
1993	6	31	-17	4	3	24	49	-13	-25	1	8	4	17	1
1994	7	65	-13	6	9	23	37	-17	51	3	8	5	21	4
1995	16	-6	-21	7	11	0	22	-9	2	4	-5	7	-13	-7
1996	11	-6	-9	6	-5	21	19	-31	9	3	9	11	-15	-7
1997	24	12	-17	8	-12	20	21	-21	13	0	11	10	35	-2
1998	10	14	-2	6	8	26	67	0	33	3	10	18	34	11
1999	14	16	-19	12	11	44	56	-5	50	5	37	21	31	8
2000	18	22	-13	13	12	14	53	15	13	7	29	17	38	9
2001	35	-1	0	11	12	31	36	18	16	7	9	19	36	17
2002	16	7	-5	17	16	59	72	29	16	10	44	16	47	26
2003	11	17	-14	15	9	40	89	19	15	-2	51	11	34	16
2004	13	15	-13	9	10	17	75	22	18	-8	63	10	37	11

Table 10 (continued): Annual distortion estimates, **India**, 1965 to 2004 (b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1965	0	21	20	20	na	55	54	113 ^d	-56
1966	0	-2	-3	-2	-34	33	-4	113 ^d	-55
1967	0	-5	-5	-5	-37	35	-6	113 ^d	-56
1968	0	-13	-13	-13	-44	39	-17	113 ^d	-61
1969	0	0	0	0	-35	46	0	113 ^d	-53
1970	0	8	8	8	-16	53	12	79	-37
1971	0	17	17	17	0	61	61	85	-13
1972	0	19	19	19	0	53	53	81	-16
1973	0	-6	-6	-6	-34	73	-13	83	-52
1974	0	-36	-36	-36	-61	24	-50	87	-73
1975	0	-29	-28	-28	-57	77	-39	66	-64
1976	0	-1	-1	-1	-25	110	-2	57	-38
1977	0	5	5	5	-28	58	6	64	-35
1978	0	-6	-6	-6	-40	59	-9	61	-43
1979	0	3	3	3	-29	69	7	76	-39
1980	0	-9	-9	-9	-43	57	-15	82	-53
1981	0	-15	-15	-15	-39	42	-18	63	-50
1982	0	6	5	6	-30	46	9	54	-29
1983	0	13	13	13	-13	54	21	56	-22
1984	3	11	15	15	-14	95	23	42	-13
1985	5	24	29	29	4	99	85	49	25
1986	3	29	32	32	0	102	102	52	32
1987	5	38	43	43	0	122	123	59	40
1988	5	9	14	14	-21	49	18	46	-19
1989	5	3	8	8	-13	35	10	37	-20
1990	7	9	16	16	-14	72	21	35	-11
1991	5	-5	0	0	-19	42	-1	13	-12
1992	5	-17	-12	-12	-25	19	-15	2	-16
1993	5	-4	1	1	-10	27	0	11	-9
1994	7	-2	4	4	-9	31	4	19	-13
1995	7	-14	-7	-7	-13	2	-9	19	-24
1996	6	-13	-7	-7	-19	21	-9	15	-22
1997	7	-9	-2	-2	-18	20	-7	11	-16
1998	8	3	11	11	0	26	9	10	-1
1999	8	0	8	8	-12	44	5	8	-2
2000	9	1	9	9	-2	18	7	4	3
2001	10	7	17	17	-1	31	29	0	28
2002	12	14	26	26	-4	55	24	4	19
2003	9	7	16	16	-13	42	12	13	-1
2004	9	2	11	11	-12	25	5	na	na

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

d. NRAs to nonagriculture are not estimated, but based on authors' assumptions

Table 10 (continued): Annual distortion estimates, **India**, 1965 to 2004:
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Chi ckp ea	Cott on	Fru it&v eg	Gro und nut	Mai ze	Mil k	Rap ese ed	Ric e	Sor ghu m	Soy bea n	Sug ar	Sun flo wer	Wh eat	No n- cov
1965	3	3	15	4	2	na	1	21	3	na	2	na	4	43
1966	2	3	13	3	2	na	1	22	3	na	2	na	4	45
1967	3	3	13	3	2	na	1	28	3	na	1	na	6	39
1968	2	3	12	3	1	na	1	30	3	na	1	na	5	39
1969	2	3	16	4	1	na	1	26	2	na	2	na	6	38
1970	3	2	15	5	2	na	1	24	3	na	2	na	7	37
1971	3	3	16	5	2	na	1	22	2	na	2	na	8	36
1972	3	3	18	4	1	na	1	19	2	na	2	na	7	38
1973	2	2	13	5	1	na	1	24	2	0	3	na	5	40
1974	2	3	9	3	1	na	1	32	2	0	3	na	5	39
1975	2	2	8	3	2	4	1	31	2	0	7	0	6	32
1976	2	3	13	4	2	5	1	23	3	0	3	0	8	33
1977	2	4	13	5	1	5	1	25	3	0	3	0	7	31
1978	2	3	12	4	1	5	1	29	2	0	2	0	8	30
1979	1	4	14	4	1	5	1	21	3	0	3	0	8	34
1980	2	3	12	3	1	6	1	25	2	0	3	0	7	35
1981	2	3	11	3	1	7	1	28	2	0	4	0	6	32
1982	2	3	14	2	1	7	1	20	2	0	4	0	9	34
1983	2	3	14	4	1	6	1	20	3	0	3	0	9	34
1984	2	4	16	3	2	6	2	19	2	0	2	0	8	33
1985	3	3	19	2	1	7	1	19	2	0	2	0	9	31
1986	2	2	22	2	2	7	1	18	1	0	2	0	9	32
1987	2	3	20	2	1	8	1	15	2	1	3	0	8	34
1988	2	2	15	3	1	9	1	19	2	1	3	0	6	33
1989	2	3	14	3	1	12	1	19	2	1	4	0	7	31
1990	2	3	15	3	1	9	1	20	2	1	5	1	6	30
1991	1	3	15	2	1	11	1	19	1	1	4	0	6	32
1992	1	2	17	3	1	12	1	18	1	1	4	0	6	32
1993	2	3	16	3	1	13	1	18	2	1	3	0	6	30
1994	2	3	16	3	1	14	2	19	1	2	3	1	7	27
1995	1	3	17	2	1	16	2	14	1	1	5	0	7	29
1996	1	3	15	2	1	13	2	19	1	2	4	0	7	30
1997	2	3	21	2	1	14	1	19	1	2	4	0	6	26
1998	2	3	20	3	1	15	1	17	1	1	3	0	6	27
1999	1	2	22	1	1	13	1	18	1	1	3	0	7	29
2000	1	2	22	1	1	18	1	13	1	1	4	0	6	29
2001	2	2	20	2	1	16	1	14	1	1	5	0	7	29
2002	1	1	23	1	1	16	1	11	1	1	4	0	7	32
2003	2	2	23	2	1	15	1	11	1	2	3	0	6	31
2004	1	2	22	2	1	17	1	10	1	2	2	0	6	31

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 11: Annual distortion estimates, **Pakistan**, 1962 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Cotton	Maize	Milk	Rice	Sugar	Wheat	All covered
1962	-22	-17	na	-52	193	-7	7
1963	-17	-16	na	-42	191	-16	6
1964	-18	-27	na	-45	27	-17	-16
1965	-3	-14	63	-42	84	6	15
1966	-19	-26	63	-42	266	-11	17
1967	-24	-4	60	-53	228	31	24
1968	-19	6	81	-53	296	18	22
1969	-23	-11	85	-31	296	12	29
1970	-11	-11	140	-14	199	19	45
1971	9	-21	143	2	140	19	47
1972	1	19	241	6	192	7	42
1973	-8	-41	26	-62	11	-69	-48
1974	-22	-44	70	-68	25	-57	-38
1975	-2	-11	67	-59	-35	-14	-19
1976	-8	-24	18	-46	-18	-13	-15
1977	-40	-32	38	-20	26	-26	-11
1978	2	-8	43	-36	92	-23	-4
1979	22	9	108	-44	102	-29	-11
1980	-8	-14	59	-48	63	-36	-20
1981	-17	-19	68	-46	-14	-30	-22
1982	32	18	47	-34	61	-2	7
1983	-5	5	14	-34	123	-21	-8
1984	14	-20	49	-34	129	-23	-4
1985	-20	-20	46	-42	178	-18	-6
1986	4	-22	43	-51	155	-15	-5
1987	24	-10	45	-40	115	-24	-1
1988	-18	43	78	-40	124	-18	0
1989	-20	14	59	-47	45	-33	-16
1990	-43	-23	15	-46	21	-46	-32
1991	-31	-9	22	-9	21	-26	-13
1992	-17	15	22	-5	78	-17	-2
1993	-1	11	44	3	85	-23	0
1994	-8	-6	24	-3	56	-23	-4
1995	-18	3	25	1	33	-19	-5
1996	-13	2	24	2	43	-32	-7
1997	-6	-21	1	-2	75	-35	-14
1998	-4	0	9	9	51	-13	1
1999	1	7	25	-1	70	-2	12
2000	17	8	26	-15	145	9	17
2001	5	-15	14	-11	107	-15	1
2002	18	-17	4	-13	62	-27	-7
2003	-2	-12	44	-13	82	-29	-2
2004	3	-15	18	-18	51	-13	-1
2005	0	-13	13	-21	73	-9	-2

Table 11 (continued): Annual distortion estimates, **Pakistan**, 1962 to 2005 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1962	-4	11	0	5	-36	20	7	164	-59
1963	-5	11	0	4	-27	15	6	175	-61
1964	-4	-13	0	-11	-36	-8	-16	185	-71
1965	-1	17	0	11	-30	31	15	227	-65
1966	-1	18	0	12	-33	38	17	199	-61
1967	-2	26	0	17	-43	53	24	214	-61
1968	-5	28	0	16	-43	48	22	232	-63
1969	-1	31	0	22	-28	55	29	250	-63
1970	-2	47	0	33	-13	64	45	236	-57
1971	-6	53	0	35	5	59	47	261	-59
1972	-13	54	0	30	3	56	42	153	-44
1973	5	-54	0	-36	-43	-49	-48	51	-66
1974	7	-45	0	-29	-53	-33	-38	33	-54
1975	7	-26	0	-14	-46	-8	-19	25	-35
1976	5	-20	0	-11	-35	-9	-15	44	-41
1977	2	-13	0	-8	-29	-6	-11	53	-42
1978	3	-7	0	-3	-25	3	-4	47	-35
1979	5	-16	0	-7	-32	-2	-11	51	-41
1980	4	-24	0	-14	-37	-14	-20	55	-49
1981	5	-27	0	-15	-38	-16	-22	55	-50
1982	4	3	0	5	-20	18	7	45	-26
1983	2	-10	0	-5	-26	-1	-8	41	-35
1984	2	-5	0	-2	-24	4	-4	46	-34
1985	4	-10	0	-4	-35	6	-6	45	-35
1986	3	-8	0	-3	-35	7	-5	50	-37
1987	2	-4	0	-1	-22	6	-1	46	-32
1988	3	-3	0	0	-31	16	0	41	-30
1989	3	-19	0	-11	-37	-8	-16	44	-42
1990	2	-34	0	-22	-45	-28	-32	48	-54
1991	2	-15	0	-9	-22	-10	-13	41	-38
1992	3	-5	0	-1	-12	2	-2	38	-29
1993	2	-2	0	0	1	0	0	34	-25
1994	2	-6	0	-3	-5	-4	-4	35	-29
1995	2	-7	0	-3	-12	-3	-5	34	-29
1996	3	-10	0	-5	-7	-7	-7	32	-29
1997	2	-16	0	-10	-4	-16	-14	26	-32
1998	2	-1	0	1	2	1	1	24	-19
1999	1	12	0	9	0	16	12	19	-5
2000	1	16	0	12	-5	23	17	17	0
2001	2	-1	0	1	-3	2	1	15	-12
2002	1	-9	0	-5	-1	-9	-7	11	-16
2003	1	-3	0	-2	-9	0	-2	15	-15
2004	1	-2	0	-1	-10	2	-1	15	-14
2005	2	-4	0	-1	-14	2	-2	14	-14

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 11 (continued): Annual distortion estimates, **Pakistan**, 1962 to 2005: (c) Value shares of primary production of covered^a and non-covered products, (percent)

	Cotton	Maize	Milk	Rice	Sugar	Wheat	Non-covered
1962	9	4	na	8	7	42	31
1963	8	4	na	6	8	43	31
1964	7	4	na	14	11	34	31
1965	6	3	12	12	8	28	31
1966	7	3	14	12	5	27	31
1967	7	5	12	14	4	27	30
1968	6	3	10	14	3	33	30
1969	8	3	12	15	5	31	27
1970	8	3	10	11	7	35	26
1971	8	4	12	9	9	34	26
1972	10	3	7	9	5	39	27
1973	4	2	7	8	6	47	25
1974	7	2	6	14	6	40	26
1975	4	2	7	16	13	30	27
1976	4	2	11	12	13	30	28
1977	7	3	11	10	9	34	27
1978	5	2	10	13	6	35	29
1979	4	2	5	16	4	39	30
1980	5	2	6	14	5	38	30
1981	5	2	5	13	12	32	31
1982	4	2	8	16	8	30	31
1983	5	2	9	13	4	34	31
1984	4	2	8	14	5	33	33
1985	6	2	9	14	3	33	33
1986	5	2	9	14	3	33	33
1987	5	2	10	13	6	32	32
1988	10	2	9	14	4	31	30
1989	7	2	8	12	5	34	32
1990	9	2	9	10	5	33	33
1991	11	2	11	7	6	33	29
1992	11	2	11	6	4	31	35
1993	7	2	10	6	4	35	36
1994	7	2	12	7	5	31	36
1995	11	2	10	5	5	30	36
1996	9	2	16	5	4	29	36
1997	7	2	19	6	3	32	30
1998	6	2	19	5	6	31	30
1999	7	2	20	9	6	28	29
2000	5	2	20	11	3	31	27
2001	7	2	19	7	3	33	28
2002	5	2	19	8	5	32	29
2003	6	2	14	10	5	34	30
2004	7	2	16	11	5	30	30
2005	6	3	16	11	3	31	30

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 12: Annual distortion estimates, **Sri Lanka**, 1955 to 2004

(a) Nominal rates of assistance to covered products (percent)

	Chillies	Coconut	Onion	Potato	Rice	Rubber	Tea	All covered
1955	na	-35	na	na	42	-18.0	-23	-14
1956	na	-24	na	na	51	-3.6	-18	-8
1957	na	-28	na	na	70	-19.0	-23	-10
1958	na	-29	na	na	95	-24.9	-25	-9
1959	na	-28	na	na	54	-13.5	-22	-11
1960	na	-32	na	na	42	-38.5	-32	-21
1961	na	-37	na	na	32	-45.6	-35	-26
1962	na	-23	na	na	-7	-53	-40	-31
1963	na	-26	na	na	4	-59	-44	-34
1964	na	-30	na	na	-11	-62	-46	-38
1965	na	-31	na	na	-16	-59	-43	-38
1966	na	-18	na	na	-23	-70	-51	-44
1967	na	-19	na	na	-9	-57	-44	-32
1968	na	-34	na	na	1	-25	-28	-20
1969	na	-23	na	na	18	-34	-30	-15
1970	na	-22	na	na	15	-48	-36	-19
1971	na	-48	na	na	7	-60	-41	-7
1972	na	-33	na	na	3	-56	-44	-31
1973	na	-26	na	na	42	-45	-30	-10
1974	na	-34	na	na	-22	-72	-33	-35
1975	na	-30	na	na	-12	-61	-39	-31
1976	na	-4	na	91	-16	-70	-40	-35
1977	na	-37	na	23	38	-38	-15	-11
1978	36	-53	-36	150	-18	-61	-45	-38
1979	69	-58	13	46	-29	-67	-48	-45
1980	52	-52	-9	-41	-12	-55	-36	-33
1981	36	-25	97	164	-4	-53	-35	-18
1982	48	-9	16	25	-1	-48	-30	-12
1983	35	1	11	28	-10	-48	-26	-15
1984	-5	-13	28	40	-2	-54	-25	-17
1985	22	-14	51	70	8	-30	-30	-7
1986	0	26	59	80	23	-31	-25	5
1987	-22	25	-62	-39	7	-30	-21	-8
1988	30	-21	-87	14	-29	-54	-33	-33
1989	5	-42	-25	38	-10	-43	-20	-20
1990	41	-45	-47	67	4	-46	-25	-14
1991	47	-33	3	178	-1	-40	-28	-8
1992	32	-34	-42	146	8	-15	-5	-5
1993	73	-26	68	144	18	-4	-2	9
1994	118	-35	236	253	14	-4	-2	10
1995	102	-42	61	177	29	-5	-2	10
1996	59	-30	86	66	15	-7	-2	0
1997	74	10	65	83	22	-7	-1	13
1998	83	35	108	149	6	-3	-1	16
1999	67	20	78	150	23	0	-2	18
2000	71	25	65	160	3	0	-1	11
2001	81	50	78	225	7	0	-2	19
2002	63	19	37	181	23	0	-1	17
2003	54	1	34	257	-5	0	-1	2
2004	na	-10	na	na	-9	-1	-1	-6

Table 12 (continued): Annual distortion estimates, **Sri Lanka**, 1955 to 2004 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b
 and import-competing^b agricultural industries, and relative^c to non-agricultural
 industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1955	0	-14	6	-7	-25	42	-8	105	-55
1956	0	-8	12	-1	-16	51	-1	105	-52
1957	0	-10	16	-1	-23	70	-2	105	-52
1958	0	-9	23	2	-26	95	2	105	-50
1959	0	-11	10	-4	-23	54	-4	104	-53
1960	0	-21	3	-13	-34	42	-14	103	-58
1961	0	-26	-2	-18	-38	32	-20	114	-63
1962	0	-31	-15	-26	-39	-7	-29	130	-69
1963	0	-34	-13	-27	-44	4	-30	135	-70
1964	0	-38	-19	-31	-46	-11	-36	142	-73
1965	0	-38	-20	-32	-43	-16	-36	158	-75
1966	0	-44	-24	-37	-50	-23	-42	172	-79
1967	0	-32	-17	-26	-41	-9	-30	165	-74
1968	0	-20	-10	-17	-30	1	-19	124	-64
1969	0	-15	-3	-11	-29	18	-12	73	-50
1970	0	-19	-6	-15	-35	15	-17	77	-53
1971	0	-7	-14	-9	-48	7	-11	93	-54
1972	0	-31	-14	-24	-44	3	-28	93	-63
1973	0	-10	3	-4	-34	42	-5	52	-38
1974	0	-35	-22	-29	-45	-22	-34	39	-53
1975	0	-31	-18	-25	-43	-12	-30	43	-51
1976	0	-35	-20	-29	-45	-13	-33	65	-60
1977	0	-11	3	-5	-28	37	-7	55	-40
1978	0	-38	-22	-31	-52	-13	-37	51	-58
1979	0	-45	-25	-37	-58	-17	-43	51	-62
1980	0	-33	-19	-26	-48	-8	-32	51	-55
1981	0	-18	-10	-11	-34	5	-17	56	-47
1982	0	-12	-7	-8	-25	4	-12	56	-43
1983	0	-15	-9	-11	-22	-4	-14	56	-45
1984	0	-17	-9	-13	-26	0	-16	68	-50
1985	0	-7	-3	-4	-23	15	-7	68	-44
1986	0	5	4	6	-10	22	5	68	-37
1987	0	-8	-5	-6	-6	-10	-8	53	-40
1988	0	-33	-22	-29	-35	-32	-33	53	-56
1989	0	-20	-13	-17	-33	-5	-20	53	-48
1990	0	-14	-9	-13	-35	7	-14	45	-41
1991	0	-8	-6	-7	-32	15	-8	45	-37
1992	0	-5	-4	-4	-23	12	-5	52	-38
1993	0	9	7	8	-14	34	10	50	-27
1994	0	10	9	10	-18	44	11	43	-23
1995	0	10	9	11	-20	47	11	37	-19
1996	0	0	4	3	-16	29	2	40	-27
1997	0	13	12	14	3	32	14	36	-16
1998	0	16	11	16	13	20	16	35	-14
1999	0	18	14	18	10	32	19	33	-11
2000	0	11	8	11	10	14	11	21	-8
2001	0	19	13	19	17	22	19	23	-3
2002	0	17	13	17	8	32	17	23	-4
2003	0	2	2	4	0	6	3	25	-18
2004	0	-6	-5	-4	-4	-9	-6	22	-23

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 12 (continued): Annual distortion estimates, **Sri Lanka**, 1955 to 2004: (c)
Value shares of primary production of covered^a and non-covered products,
(percent)

	Chillies	Coconut	Onion	Potato	Rice	Rubber	Tea	Non-covered
1955	na	15	na	na	11	12	27	34
1956	na	16	na	na	9	13	28	34
1957	na	16	na	na	9	13	27	34
1958	na	18	na	na	9	12	27	34
1959	na	21	na	na	10	11	24	34
1960	na	15	na	na	11	14	26	34
1961	na	15	na	na	11	12	28	34
1962	na	12	na	na	15	12	26	34
1963	na	12	na	na	14	13	27	34
1964	na	14	na	na	15	13	25	34
1965	na	16	na	na	12	13	25	34
1966	na	11	na	na	14	18	23	34
1967	na	11	na	na	18	13	21	36
1968	na	20	na	na	21	8	19	32
1969	na	17	na	na	20	12	18	32
1970	na	16	na	na	21	13	18	31
1971	na	5	na	na	48	4	7	36
1972	na	12	na	na	17	11	22	38
1973	na	12	na	na	19	13	16	39
1974	na	14	na	na	31	11	12	33
1975	na	10	na	na	23	10	15	43
1976	na	9	na	1	20	17	16	37
1977	na	21	na	1	16	8	21	33
1978	2	18	2	0	21	9	16	32
1979	2	19	1	1	18	14	11	35
1980	2	19	1	1	18	10	11	37
1981	2	16	1	1	23	8	12	38
1982	2	14	1	1	23	7	13	38
1983	2	12	1	1	21	8	16	38
1984	3	16	1	1	16	8	20	36
1985	6	16	1	1	20	7	17	32
1986	8	11	1	2	21	9	15	34
1987	6	12	2	4	18	7	15	35
1988	4	10	7	2	22	9	13	32
1989	6	13	1	2	23	7	15	34
1990	5	11	3	1	24	6	18	31
1991	7	13	1	1	24	5	16	33
1992	6	18	4	1	24	4	9	34
1993	5	15	1	1	23	4	13	37
1994	4	16	1	1	21	6	12	39
1995	4	15	1	1	21	7	11	40
1996	4	18	1	1	15	6	14	41
1997	2	19	1	1	16	5	17	40
1998	3	16	1	0	20	4	19	38
1999	3	20	2	0	22	3	16	34
2000	2	15	1	0	22	3	19	36
2001	2	14	1	1	21	3	21	37
2002	2	17	1	1	20	4	19	36
2003	2	14	1	1	23	5	18	36
2004	na	16	na	na	22	6	21	36

^a At farmgate undistorted prices, US\$

Source: Anderson and Valenzuela (2008)

Table 13: Annual distortion estimates for **Asia**, 1955 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Barle y	Beef	Cassa va	Chick pea	Cocoa	Cocon ut	Coffe e	Cotto n	Egg	Fruit & veg ^a	Jute	Maize
1955	-11	6	na	na	na	-35	na	na	na	0	na	na
1956	36	36	na	na	na	-24	na	na	na	0	na	na
1957	90	54	na	na	na	-28	na	na	na	0	na	na
1958	63	61	na	na	na	-29	na	na	-16	0	na	na
1959	27	35	na	na	na	-28	na	na	-33	0	na	na
1960	65	53	na	na	na	-32	na	na	-41	0	na	na
1961	19	-2	na	na	na	-37	na	na	-40	0	na	-20
1962	19	16	na	na	na	-23	na	-22	-31	0	na	-15
1963	144	29	na	na	na	-26	na	-17	-10	0	na	0
1964	171	26	na	50	na	-28	na	-18	19	0	na	-5
1965	61	25	na	5	na	-29	na	28	21	0	na	65
1966	43	19	na	4	na	-19	na	2	20	0	na	57
1967	68	21	na	39	-1	-20	na	9	27	0	na	47
1968	85	45	na	0	-3	-31	na	-3	24	0	na	34
1969	105	63	na	75	-2	-21	na	24	2	0	na	45
1970	144	60	-10	0	-1	-17	-9	63	23	0	na	8
1971	149	77	-25	0	-1	-6	-11	77	7	0	na	16
1972	198	52	-33	0	-1	-1	-14	97	-6	0	na	52
1973	74	14	-39	0	-7	-3	1	93	-6	0	na	17
1974	36	19	-8	7	-4	-12	-3	-13	-17	-27	-30	4
1975	59	49	0	0	1	-9	-2	0	-13	-21	-53	-18
1976	76	79	0	0	-1	4	-1	26	-11	-40	-33	3
1977	112	115	-10	0	-1	7	-4	-5	-9	-40	-43	20
1978	131	123	-13	0	-6	3	-5	13	-1	-33	-38	24
1979	129	110	19	0	-2	-19	-7	2	4	-42	-19	9
1980	57	79	-2	26	-2	-11	-8	6	8	-52	-30	5
1981	125	116	-22	9	-1	2	-5	-21	3	-48	-40	-41
1982	170	115	-7	0	-1	-1	-4	-6	6	-46	-37	-30
1983	241	96	7	0	-1	-21	-13	-18	24	-34	-17	-27
1984	238	100	-21	3	-3	-25	-13	-23	10	-25	-22	-5
1985	293	55	-29	34	4	-22	-9	-9	18	-20	-21	7
1986	399	78	0	3	-1	-5	-8	-2	14	-8	-54	3
1987	417	76	-21	5	-7	-16	1	17	7	1	-44	2
1988	336	134	-20	12	-4	-21	-2	-10	13	-2	-20	-19
1989	341	128	-13	7	1	-34	-9	-7	56	0	-38	-25
1990	363	132	-11	15	-1	-32	-9	-14	29	-3	-28	-28
1991	494	163	-16	9	-1	-34	-5	-16	6	1	-33	-20
1992	461	163	-12	9	-6	-35	-5	-12	41	-4	-42	-24
1993	534	125	-17	6	-2	-32	-3	4	18	-3	-46	-16
1994	769	141	1	7	-2	-36	-3	23	39	1	-44	13
1995	632	151	3	16	-1	-36	-4	-5	49	0	-29	1
1996	403	133	-19	11	-1	-34	4	-4	10	-3	15	-3
1997	635	99	-20	24	-8	-16	2	6	9	-3	-3	10
1998	449	54	-11	10	0	-17	-7	3	9	1	21	22
1999	596	94	-22	14	0	-7	0	3	39	22	-32	9
2000	740	73	-14	18	0	-9	0	21	31	22	-37	13
2001	412	87	-8	35	0	-7	-6	-10	34	20	-41	16
2002	561	115	-5	16	0	-7	-4	6	32	24	-29	8
2003	572	78	-13	11	0	-6	-2	7	55	26	-40	19
2004	528	72	-10	13	0	-11	3	1	105	18	-46	7
2005	na	205	na	na	0	-18	na	11	na	19	na	17

Continued over

Table 13(a) (continued):

	Milk	Oilseed s ^a	Palmoi l	Pigmea t	Poultry	Rice	Rubber	Sorghu m	Sugar	Tea	Wheat
1955	na	-33	na	-39	-52	-37	-18	na	na	-23	-56
1956	na	-28	na	10	-34	-4	-4	na	na	-18	-29
1957	na	-5	na	4	-15	18	-19	na	na	-23	-32
1958	na	-11	na	-8	-16	-15	-25	na	na	-25	-22
1959	na	12	na	-3	-10	-15	-14	na	na	-22	-26
1960	na	29	-11	10	-10	1	-17	na	na	-32	-27
1961	na	-33	-11	7	-23	-21	-16	na	na	-35	-38
1962	na	-23	-9	10	-11	-26	-14	na	151	-40	-8
1963	na	61	-10	31	6	6	-14	na	124	-44	-16
1964	na	24	-16	20	37	9	-20	82	14	-46	28
1965	63	56	-10	37	48	-1	-15	46	140	-43	31
1966	63	28	-12	47	46	-26	-18	25	192	-51	3
1967	60	24	-11	51	66	-32	-14	65	151	-44	21
1968	82	25	-9	90	94	-38	-9	12	220	-28	34
1969	86	26	-11	69	91	-27	-13	60	113	-30	31
1970	141	13	-18	47	79	-11	-6	35	56	-25	46
1971	142	11	-20	76	4	4	-11	97	37	-28	44
1972	230	20	-3	48	-5	7	-3	39	23	-34	31
1973	27	0	-6	35	-4	-28	-4	48	-22	-26	-28
1974	72	1	-29	46	16	-57	-16	56	-28	-27	-17
1975	123	-18	-21	47	49	-24	-10	0	-40	-25	-3
1976	144	-5	-8	42	50	-8	-11	0	7	-26	-6
1977	155	-5	-19	41	64	-7	-17	45	22	-12	6
1978	126	-1	-11	42	71	-22	-27	8	19	-22	-5
1979	147	10	-11	65	57	-5	-29	5	0	-26	-9
1980	92	16	-4	79	70	-23	-29	0	4	-21	-11
1981	71	15	-3	-64	43	-44	-23	16	16	-16	-13
1982	95	20	5	-74	51	-30	-14	10	31	-15	-6
1983	129	21	5	-73	47	-25	-15	4	50	-18	0
1984	151	19	-9	-73	30	-14	-14	2	83	-18	16
1985	168	31	1	-28	46	2	-8	24	74	-18	19
1986	169	47	7	-46	-18	-1	-14	66	50	-25	18
1987	157	51	-7	-53	-30	-4	-21	56	37	-17	14
1988	76	17	-10	-43	-21	-16	-16	19	21	-21	9
1989	51	20	-2	-27	11	-13	-12	13	11	-14	-2
1990	78	36	5	-17	13	-12	-12	6	13	-18	-3
1991	49	32	0	-11	15	-11	-16	7	19	-20	7
1992	18	11	-3	-3	15	-16	-16	-3	15	-6	-8
1993	26	8	4	4	32	-6	-19	-25	8	-5	-2
1994	26	18	2	12	23	2	-18	51	9	-3	26
1995	5	22	-8	8	16	7	-15	2	7	-5	21
1996	22	22	-1	10	20	-1	-9	9	11	-7	7
1997	19	22	-11	5	16	1	10	13	6	-9	19
1998	26	24	-22	3	12	-2	16	33	30	-7	23
1999	44	22	-3	9	20	7	24	50	46	-10	16
2000	20	22	-2	7	19	19	14	13	50	-7	20
2001	28	20	2	5	14	21	10	16	22	-8	8
2002	48	24	-6	6	17	16	1	16	45	-8	7
2003	40	26	-6	1	8	22	-1	15	50	-7	5
2004	21	18	-1	2	4	14	-5	18	49	-7	13
2005	33	19	na	0	0	-10	na	na	40	-29	4

^a Fruit & veg includes banana, cabbage, chillies, garlic, onion, potato, peppers and fruits, vegetables and fruit&veg aggretores. Oilseeds includes rapeseed, sunflower, soybean and groundnut.

Table 13 (continued): Annual distortion estimates for **Asia**, 1955 to 2005 (b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1955	0	-33	-8	-28	-30	-21	-25	78	-58
1956	0	-5	2	-27	-10	8	-1	132	-57
1957	0	6	9	-27	-10	28	11	155	-57
1958	0	-15	5	-27	-29	13	-6	121	-58
1959	0	-15	0	-28	-22	1	-9	116	-58
1960	0	-5	0	-27	-15	6	-6	118	-57
1961	0	-14	-9	-28	-11	-20	-16	98	-57
1962	-1	-9	-7	-27	-12	-11	-11	107	-57
1963	-1	6	3	-26	-10	15	6	140	-56
1964	0	1	3	-26	-15	33	6	136	-55
1965	0	-3	16	-20	-7	42	34	199	-55
1966	0	-11	-3	-27	-29	27	-1	119	-55
1967	0	-13	-4	-26	-33	30	-3	117	-55
1968	0	-14	-10	-28	-38	32	-11	108	-57
1969	0	-10	1	-24	-29	39	3	122	-54
1970	0	-7	5	-21	-14	42	10	107	-47
1971	0	6	12	-18	-9	49	30	115	-40
1972	0	1	13	-20	-6	44	29	120	-41
1973	1	-24	-6	-29	-25	7	-13	84	-53
1974	1	-29	-26	-37	-50	-8	-37	53	-59
1975	1	-11	-16	-30	-45	31	-18	66	-51
1976	1	0	2	-23	-17	35	5	84	-43
1977	1	1	7	-20	-17	35	9	88	-42
1978	1	-5	-1	-24	-26	23	-2	75	-44
1979	2	0	3	-22	-21	32	5	86	-44
1980	2	-9	-2	-26	-29	23	-6	80	-48
1981	1	-23	-12	-25	-45	4	-27	30	-44
1982	1	-18	-5	-19	-46	19	-22	29	-39
1983	1	-19	-3	-19	-46	21	-22	28	-39
1984	1	-17	2	-15	-41	38	-18	25	-34
1985	2	-2	11	2	-26	51	1	19	-15
1986	1	-10	10	-6	-38	52	-8	10	-16
1987	1	-19	11	-11	-47	56	-14	8	-21
1988	2	-22	2	-16	-42	34	-19	20	-32
1989	1	-16	1	-15	-36	27	-16	20	-30
1990	2	-11	0	-8	-30	20	-11	19	-25
1991	2	-7	1	-4	-23	30	-5	16	-18
1992	1	-7	-5	-7	-24	23	-8	12	-18
1993	2	-1	1	1	-14	23	1	13	-11
1994	2	6	8	9	-4	34	10	14	-4
1995	2	1	4	6	-5	24	6	12	-5
1996	2	4	2	5	-7	21	5	11	-6
1997	2	4	7	7	-5	25	7	10	-3
1998	3	3	9	9	-1	21	9	9	0
1999	2	10	9	11	-3	32	11	7	4
2000	3	10	10	13	0	30	13	6	7
2001	3	9	7	12	1	21	12	2	10
2002	3	10	8	12	-2	27	12	4	7
2003	3	8	10	12	-1	27	12	7	5
2004	2	5	9	10	-2	22	10	3	6
2005	1	2	6	6	-1	14	7	4	2

a. NRAs including assistance to nontradables and non-product specific assistance.

b. NRAs including products specific input subsidies.

c. The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 13 (continued): Annual distortion estimates for **Asia**, 1955 to 2005 (c) Value shares of primary production of covered^a and non-covered products, (percent)

	Chickpe a	Coconu t	Cotton	Fruit & veg ^a	Maize	Milk	Oilseed s ^a	Palmoil	Pigmeat
1955	na	4	na	na	na	na	0	na	4
1956	na	4	na	na	na	na	0	na	5
1957	na	4	na	na	na	na	0	na	6
1958	na	4	na	na	na	na	0	na	5
1959	na	6	na	na	na	na	0	na	7
1960	na	3	na	na	na	na	0	1	4
1961	na	2	na	na	1	na	0	1	4
1962	na	2	2	1	2	na	0	0	4
1963	na	2	2	1	3	na	0	1	4
1964	5	1	1	24	1	na	10	0	2
1965	2	0	3	11	2	1	4	0	1
1966	1	0	3	10	2	1	3	0	1
1967	2	0	3	11	2	1	3	0	1
1968	1	0	3	9	1	1	3	0	1
1969	1	0	2	12	1	1	3	0	1
1970	2	3	2	10	2	1	4	0	1
1971	2	3	2	10	2	1	4	1	1
1972	2	2	2	11	2	0	4	1	1
1973	1	4	2	8	2	0	4	0	1
1974	1	4	2	5	2	0	3	1	1
1975	1	2	1	5	2	2	2	1	1
1976	1	3	2	7	2	3	3	1	1
1977	1	4	2	6	2	3	3	1	1
1978	1	4	2	6	2	3	2	1	1
1979	1	4	2	7	2	3	2	1	1
1980	1	3	2	6	2	3	2	1	1
1981	0	2	1	12	4	2	2	1	10
1982	0	1	1	13	4	2	2	1	14
1983	0	1	2	17	4	2	2	1	13
1984	1	2	2	18	4	2	2	1	15
1985	1	2	1	22	3	2	2	1	8
1986	0	1	1	25	3	2	2	1	10
1987	0	1	1	26	3	2	2	1	11
1988	1	1	1	24	3	3	2	1	11
1989	0	1	1	26	3	3	2	1	10
1990	0	1	2	22	4	2	2	1	9
1991	0	1	2	20	4	3	2	1	8
1992	0	1	1	20	4	4	2	1	8
1993	0	1	1	15	4	4	3	1	8
1994	1	1	2	16	4	4	3	1	9
1995	0	1	2	17	4	4	2	2	10
1996	0	1	1	15	5	4	2	1	10
1997	0	1	1	15	4	4	2	1	12
1998	0	1	1	16	4	4	2	2	11
1999	0	1	1	15	4	4	1	1	9
2000	0	1	1	17	3	5	1	1	10
2001	0	1	1	17	3	4	2	1	10
2002	0	1	1	17	3	4	1	2	10
2003	0	1	1	17	3	4	2	2	10
2004	0	0	1	17	4	5	2	1	12
2005	na	0	1	19	4	2	1	na	15

Continued over

	Poultry	Rice	Rubber	Sorghu m	Sugar	Wheat	Non- covered	Covere d
1955	0	30	3	na	na	0	48	52
1956	0	28	3	na	na	1	48	52
1957	0	26	3	na	na	1	51	49
1958	0	29	3	na	na	0	49	51
1959	0	28	3	na	na	1	46	54
1960	0	21	25	na	na	1	39	61
1961	1	26	18	na	na	0	39	61
1962	1	26	10	na	2	8	36	64
1963	1	28	11	na	2	9	33	67
1964	1	14	5	5	2	12	15	85
1965	0	23	2	2	2	5	40	60
1966	0	24	2	2	2	5	42	58
1967	0	28	2	2	1	6	37	63
1968	0	30	1	3	1	6	38	62
1969	0	27	2	2	2	6	36	64
1970	0	24	2	2	3	6	36	64
1971	1	23	2	1	4	7	35	65
1972	1	20	2	2	5	7	37	63
1973	1	23	3	1	5	6	37	63
1974	0	31	2	1	5	4	36	64
1975	0	34	1	1	7	5	31	69
1976	1	29	3	2	5	5	32	68
1977	1	28	3	1	4	5	32	68
1978	1	32	3	1	4	5	31	69
1979	1	26	4	1	5	5	33	67
1980	1	29	3	1	4	5	34	66
1981	1	29	1	1	3	5	25	75
1982	1	25	1	0	3	6	25	75
1983	1	22	1	1	2	6	24	76
1984	1	21	1	1	2	6	23	77
1985	1	20	1	0	2	6	26	74
1986	1	19	1	0	2	6	23	77
1987	2	18	2	0	2	5	22	78
1988	2	21	1	0	2	4	21	79
1989	2	21	1	0	3	5	20	80
1990	2	21	1	0	3	5	23	77
1991	2	21	1	0	3	5	25	75
1992	2	21	1	0	3	5	25	75
1993	2	21	1	0	3	6	28	72
1994	3	21	2	0	3	5	25	75
1995	4	19	2	0	3	5	24	76
1996	3	21	1	0	3	6	25	75
1997	3	20	1	0	3	6	25	75
1998	4	19	1	0	2	5	28	72
1999	3	18	0	0	2	5	32	68
2000	4	15	1	0	2	5	33	67
2001	4	14	1	0	2	5	34	66
2002	4	13	1	0	2	4	36	64
2003	4	13	1	0	2	5	34	66
2004	3	14	1	0	2	4	33	67
2005	5	11	na	na	1	5	34	66

^a At farmgate undistorted prices, US\$. Fruit & veg includes banana, cabbage, chillies, garlic, onion, potato, peppers and fruits, vegetables and fruit&veg aggregates. Oilseeds include rapeseed, sunflower, soybean and groundnut. Barley, beef, cassava, cocoa, coffee, egg, jute and tea are omitted due to very low shares (less than 0.5 percent of the gross value of regional production each year from 1965 onwards). Source: Anderson and Valenzuela (2008).

Table 14: Gross subsidy equivalents of assistance to farmers, Asian economies, 1955 to 2005^a
(US\$ million)

	BD	CN	IN	ID	KP	MY	PK	PH	LK	TW	TH	VN
1955	na	-7101	6	na	-269	na	na	na	-40	-150	na	na
1956	na	-11171	10	na	-14	na	na	na	-5	-19	na	na
1957	na	-11081	10	na	175	na	na	na	-7	2	na	na
1958	na	-11488	10	na	21	na	na	na	9	-134	na	na
1959	na	-11533	10	na	-49	na	na	na	-22	-87	na	na
1960	na	-13026	11	na	5	-87	na	na	-64	-9	na	na
1961	na	-14654	13	na	-357	-53	na	na	-81	30	na	na
1962	na	-15694	14	na	-313	-35	45	-103	-116	7	na	na
1963	na	-16644	15	na	315	-32	43	-58	-108	61	na	na
1964	na	-15061	13	na	485	-62	-149	15	-129	57	na	na
1965	na	-14382	3361	na	157	-29	165	144	-141	69	na	na
1966	na	-16418	-463	na	86	-49	175	218	-135	53	na	na
1967	na	-17322	-1158	na	119	-55	278	166	-96	9	na	na
1968	na	-17729	-3203	na	233	-63	308	160	-102	13	na	na
1969	na	-18498	10	na	447	-102	388	186	-61	8	na	na
1970	na	-19674	1802	-88	777	-53	612	52	-77	121	-366	na
1971	na	-20624	3818	230	985	-79	611	255	-124	167	-370	na
1972	na	-24468	4538	64	1154	-30	545	64	-88	209	-439	na
1973	na	-37675	-2437	-655	487	-151	-1081	-803	-21	141	-741	na
1974	-661	-48394	-22142	-941	-1144	-556	-978	-1375	-298	0	-1879	na
1975	3267	-47489	-15816	1453	476	-391	-482	-937	-189	229	-1332	na
1976	-256	-45680	-560	2862	2138	-171	-396	-153	-181	330	-560	na
1977	-766	-49751	2231	3492	2929	-468	-307	71	-41	238	-593	na
1978	-1188	-56535	-3610	733	4170	-571	-116	-483	-343	168	-1378	na
1979	-436	-64676	1923	-1064	5780	-788	-378	-329	-501	307	-604	na
1980	-553	-75983	-6769	-1084	4323	-815	-894	-942	-391	601	-116	na
1981	-2210	-67295	-12122	2606	6011	-377	-1148	-859	-168	616	-754	na
1982	149	-72898	3722	6377	6127	1	287	607	-97	837	-272	na
1983	236	-77539	8907	3190	6087	25	-346	-117	-144	1054	454	na
1984	588	-64979	9188	2082	6090	-95	-142	645	-215	1051	-251	na
1985	1236	-23694	16977	2735	6478	276	-265	1201	-65	1039	-824	na
1986	100	-45633	19306	2043	8053	115	-231	1028	81	1292	-589	-535
1987	1343	-64588	25295	-1483	8807	-111	-60	1089	-86	1758	-511	-833
1988	417	-74357	10633	-2745	12019	-102	-17	732	-431	2143	-26	-340
1989	80	-73545	6157	-3959	14054	83	-855	1070	-234	3094	-376	-440
1990	-34	-55293	11885	-1860	15230	172	-2086	1061	-211	3008	-308	-1826
1991	230	-28451	-26	-2682	15524	135	-720	695	-122	2791	-753	-1193
1992	15	-29938	-10411	-2072	15409	55	-98	1794	-71	3308	-200	-2317
1993	-345	-15303	881	-2246	15618	206	6	2321	138	3578	-954	-1565
1994	-335	10701	4020	-2920	18332	101	-224	2181	175	3931	-911	-865
1995	88	12964	-7749	-5789	19976	133	-356	3598	221	4130	1007	-378
1996	-850	9834	-8224	-5415	18836	156	-576	4973	63	4284	891	-151
1997	-931	16352	-1751	-2929	17450	-395	-1226	4354	281	3681	-905	-410
1998	-547	22510	11094	-7179	10847	32	85	1660	292	3258	-224	-719
1999	108	13165	8756	1984	16166	83	879	3622	318	4500	430	1621
2000	288	19443	9395	4098	16075	107	1135	3041	207	4448	-292	1205
2001	429	11679	16333	3960	13887	122	73	2600	290	3642	-369	1734
2002	171	9746	22641	4607	14671	116	-506	2269	288	3300	633	955
2003	370	18471	17720	6632	15611	92	-187	1380	67	na	47	2428
2004	-295	22044	14295	2975	19266	83	-77	740	-64	na	-72	2038
2005	na	24641	na	na	na	na	-179	na	na	na	na	1121

Source: Spreadsheets of authors of Chapters 2-13 of this book.

Table 15: Share of regional value of agricultural production, Asian economies, 1955 to 2004^a

(percent)

ISO Code	BD	CN	IN	ID	KP	MY	PK	PH	LK	TW	TH	VN
Five year averages												
1955-59	na	59.7	34.6	na	2.6	na	na	na	1.4	1.7	na	na
1960-64	na	58.5	33.9	na	2.1	1.3	1.4	1.5	0.8	1.4	na	na
1965-69	na	56.8	32.8	na	2.3	1.2	2.6	1.9	0.7	1.7	na	na
1970-74	2.0	55.4	27.7	4.5	2.1	1.2	2.0	1.8	0.7	1.5	2.7	na
1975-79	2.4	52.1	23.5	9.0	2.5	1.6	1.8	2.3	0.4	1.6	2.8	na
1980-84	2.0	52.0	23.3	9.6	2.3	1.6	2.1	2.1	0.5	1.8	2.7	na
1985-89	1.9	51.7	22.2	9.4	2.6	1.7	2.2	1.9	0.5	2.2	2.7	1.4
1990-94	2.1	45.4	24.3	10.4	3.1	1.9	2.5	2.5	0.5	2.5	3.1	1.8
1995-99	1.7	48.6	22.9	10.0	2.9	2.1	2.5	2.3	0.4	1.9	2.8	1.9
2000-04	1.5	56.1	21.4	7.5	2.5	1.9	2.1	2.0	0.4	1.4	2.2	1.6
Annual data												
1955	na	58.2	33.8	na	3.4	na	na	na	2.1	2.5	na	na
1956	na	60.3	34.9	na	2.1	na	na	na	1.3	1.4	na	na
1957	na	59.9	34.7	na	2.6	na	na	na	1.2	1.6	na	na
1958	na	60.1	34.8	na	2.4	na	na	na	1.2	1.6	na	na
1959	na	60.0	34.8	na	2.3	na	na	na	1.4	1.4	na	na
1960	na	59.3	34.4	na	2.0	1.8	na	na	1.0	1.4	na	na
1961	na	59.4	34.5	na	2.5	1.3	0.1	na	0.8	1.3	na	na
1962	na	57.9	33.6	na	2.2	1.1	1.6	1.6	0.8	1.3	na	na
1963	na	58.4	33.8	na	1.9	1.1	1.5	1.4	0.6	1.2	na	na
1964	na	57.3	33.2	na	2.1	1.2	2.3	1.6	0.7	1.6	na	na
1965	na	58.6	30.4	na	2.4	1.3	2.9	1.9	0.8	1.7	na	na
1966	na	59.4	30.4	na	2.4	1.2	2.4	1.9	0.6	1.7	na	na
1967	na	56.1	34.1	na	2.3	1.0	2.4	1.8	0.5	1.7	na	na
1968	na	54.4	35.3	na	2.1	1.0	2.7	1.8	0.9	1.7	na	na
1969	na	55.4	33.9	na	2.5	1.4	2.4	1.9	0.8	1.7	na	na
1970	na	54.4	29.4	4.0	2.1	1.1	2.3	1.6	0.7	1.5	3.0	na
1971	na	55.6	27.3	4.4	2.1	1.1	2.1	1.5	1.6	1.5	2.8	na
1972	na	58.8	26.1	4.2	1.9	0.9	1.9	1.8	0.4	1.5	2.5	na
1973	na	57.2	26.4	5.1	1.9	1.3	2.1	2.1	0.4	1.4	2.4	na
1974	2.0	51.2	29.1	4.9	2.4	1.4	1.6	2.3	0.5	1.4	3.0	na
1975	2.8	51.5	27.3	5.9	2.3	1.3	1.7	2.4	0.4	1.5	2.9	na
1976	2.3	53.6	22.7	8.4	2.5	1.4	2.0	2.3	0.3	1.7	2.8	na
1977	2.0	52.4	23.0	9.5	2.5	1.7	1.9	2.2	0.4	1.7	2.7	na
1978	2.5	50.1	23.5	10.7	2.7	1.6	1.6	2.3	0.4	1.6	3.0	na
1979	2.3	53.0	21.1	10.2	2.4	2.0	1.9	2.3	0.5	1.7	2.7	na
1980	2.3	52.0	23.7	9.4	1.9	1.8	2.0	2.2	0.5	1.6	2.7	na
1981	2.6	45.5	26.7	11.0	2.4	1.6	2.5	2.5	0.5	1.8	3.0	na
1982	1.7	52.8	23.0	9.8	2.4	1.4	2.1	1.9	0.4	2.0	2.6	na
1983	1.6	54.8	22.6	8.5	2.4	1.4	2.1	1.9	0.4	1.8	2.4	na
1984	1.8	54.7	20.7	9.3	2.5	1.8	2.0	2.0	0.6	1.9	2.6	na
1985	2.0	52.2	22.1	9.9	2.6	1.7	2.3	1.9	0.6	2.0	2.7	na
1986	2.1	51.4	22.5	9.5	2.4	1.5	2.4	1.7	0.5	2.1	2.5	1.5
1987	1.9	51.6	21.6	9.5	2.7	1.9	2.2	1.7	0.5	2.4	2.8	1.1

Continued over ...

Table 15 (cont.)

ISO Code	BD	CN	IN	ID	KP	MY	PK	PH	LK	TW	TH	VN
1988	1.8	49.8	23.3	9.3	2.8	1.8	1.9	2.0	0.5	2.3	2.8	1.8
1989	1.7	53.7	21.4	8.6	2.7	1.4	2.1	2.0	0.4	2.2	2.5	1.2
1990	2.1	52.5	20.9	9.2	2.8	1.3	2.7	2.1	0.5	2.0	2.4	1.4
1991	2.2	46.6	23.9	10.1	3.2	1.5	2.3	2.5	0.5	2.5	3.2	1.6
1992	2.2	44.9	25.3	9.2	3.3	1.8	2.5	2.5	0.5	2.7	3.2	2.0
1993	2.1	41.1	25.8	11.7	3.3	2.1	2.6	2.5	0.5	2.9	3.2	2.1
1994	1.7	41.7	25.4	11.8	3.1	2.5	2.3	2.9	0.5	2.6	3.5	1.9
1995	1.6	44.9	23.0	11.9	3.1	2.5	2.4	2.5	0.4	2.3	3.3	1.9
1996	1.8	45.3	23.9	11.4	3.4	2.0	2.6	2.4	0.4	2.1	2.9	1.8
1997	1.7	48.7	22.1	10.8	3.0	1.7	2.7	2.4	0.4	1.8	2.8	1.9
1998	1.6	52.2	22.3	7.4	2.5	2.3	2.6	2.2	0.4	1.6	2.7	2.1
1999	1.7	51.9	23.1	8.6	2.5	2.0	2.2	2.2	0.4	1.5	2.3	1.6
2000	1.7	53.8	22.8	7.3	3.0	1.5	2.1	2.0	0.4	1.5	2.2	1.8
2001	1.5	57.4	21.5	6.3	2.6	1.5	2.1	1.8	0.3	1.3	2.1	1.6
2002	1.4	57.6	18.5	8.3	2.5	2.0	2.1	2.0	0.4	1.3	2.2	1.8
2003	1.6	53.6	22.3	9.5	2.3	2.4	2.2	2.0	0.4	na	2.3	1.5
2004	1.4	58.0	21.7	6.3	2.2	2.2	2.2	2.2	0.3	na	2.0	1.5

Source: Spreadsheets of authors of Chapters 2-13 of this book.

Table 16: Summary of NRA data for focus Asian economies

Country	ISO Code	Max. number of years	Maximum number of products	Number of NRA observations	2000-04		
					Weighted average NRA ^a	Standard deviation NRA ^a	Gross value of production ^b
Bangladesh	BD	32	6	187	2.7	101.2	7.4
China	CN	25	11	275	5.9	15.3	276.6
India	IN	41	13	499	15.8	21.5	105.3
Indonesia	ID	35	10	346	12.0	33.3	37.1
Korea	KP	51	12	459	137.3	225.4	12.2
Malaysia	MY	46	4	174	1.2	40.1	9.6
Pakistan	PK	45	6	262	1.2	43.1	10.6
Philippines	PH	44	8	346	22.0	37.6	9.8
SriLanka	LK	50	7	280	9.5	69.1	1.7
Taiwan	TW	48	6	275	61.3	109.0	6.2
Thailand	TH	35	9	287	-0.2	16.7	10.6
Vietnam	VN	20	6	102	21.2	74.3	8.0
All ASIA studied countries^c		51	35	3492	12.0	64.4	495.2

Source: Chapters 2-13 of this volume.

a. Weighted average NRA and standard deviation NRA for covered products using the gross value of production at undistorted prices as weights.

b. Gross value of production at undistorted prices, in current US\$ billions.

c. The regional averages are weighted using the 5-year average annual value of production by country, except for the standard deviation which is a simple average.

Table 17: Summary of NRA data by major product, Asian region, 2000-04

Product	Number of Countries	2000-04		Gross Value of Production ^a	Countries included (by ISO Code)
		Unweighed average NRA	Weighted Average NRA		
Banana	1	0.0	0.0	0.47	PH
Barley	1	562.8	562.8	0.04	KP
Beef	3	83.5	85.2	1.66	KP, PH, TW
Cabbage	1	27.6	27.6	0.39	KP
Cassava	1	-10.0	-10.0	0.42	TH
Chickpea	1	18.7	18.7	1.43	IN
Chillies	1	67.2	67.2	0.03	LK
Cocoa	1	0.0	0.0	0.02	MY
Coconut	3	-2.0	-7.9	3.80	ID, MY, PH, LK
Coffee	2	-3.0	-1.7	0.68	ID, VN
Cotton	3	6.1	5.1	4.79	CH, IN, PK
Egg	2	50.5	51.3	0.64	KP, TW
Fruit & veg	1	-8.9	-8.9	23.10	IN
Fruits	1	0.0	0.0	9.23	CH
Garlic	1	122.6	122.6	0.26	KP
Groundnut	1	12.9	12.9	1.79	IN
Jute	1	-38.7	-38.7	0.18	BD
Maize					CH, IN, ID, PK, PH,
	6	13.1	12.6	16.30	TH
Milk	4	56.6	31.6	22.00	CH, IN, KP, PK, TW
Onion	1	53.4	53.4	0.02	LK
Palmoil	3	-6.4	-2.6	6.66	ID, MY, TH
Peppers	1	197.0	197.0	0.28	KP
Pigmeat	6	46.8	4.2	52.10	CH, KP, PH, TW, VN
Potato	2	83.4	6.2	0.44	BN, LK
Poultry	7	77.1	12.2	17.50	CH, KP, PH, TW, VN
Rapeseed	1	64.8	64.8	1.09	IN
Rice					BN, CH, IN, ID, KP,
	12	57.4	18.5	67.10	MY, PK, PH, LK, TW,
					TH, VN
Rubber	5	5.8	3.9	4.47	ID, MY, LK, TH, VN
Sorghum	1	15.7	15.7	0.83	ID
Soybean	5	161.8	16.9	5.22	CH, IN, ID, KP, TH
Sugar					TH, CH, IN, ID, PK,
	8	85.3	43.1	9.18	PH, TH, VN
Sunflower	1	14.6	14.6	0.26	IN
Tea	3	-12.4	-7.5	0.56	BN, ID, LK
Vegetables	1	0.0	0.0	49.90	CH
Wheat					BN, CH, IN, KP, PK,
	6	32.4	10.7	22.50	TW
All covered products		44.1	12.0	325.33	

Source: Chapters 2-13 of this volume.

a. Annual average gross value of covered production at undistorted prices (US\$billion).

Table 18: Shares of the global value of production and consumption of key covered agricultural products, Asian economies^a, 2000-03 (percent)

		Bangladesh	China	India	Indonesia	Korea	Malaysia	Pakistan	Philippines	Thailand	Srilanka	Vietnam	Regional	World
Grains	Q	1.7	18.6	8.5	4.3	0.7	0.1	1.7	1.3	1.4	0.1	1.3	39.6	100
	C	1.9	18.9	10.5	4.9	1.0	0.2	1.6	1.4	0.8	0.2	1.0	42.3	100
Rice	Q	5.2	31.8	15.7	12.9	2.1	0.3	1.2	3.5	3.5	0.5	4.2	80.9	100
	C	5.3	29.4	18.7	13.8	2.1	0.7	0.6	3.6	1.8	0.5	3.0	79.5	100
Wheat	Q	0.4	17.5	9.5		0.0		4.8					32.2	100
	C	0.9	18.4	13.1		1.2		4.8					38.5	100
Maize	Q		19.8	2.0	1.9			0.3	0.9	0.7			25.6	100
	C		25.0	3.0	2.8			0.5	1.2	0.9			33.5	100
Cassava	Q									2.1			2.1	100
	C									0.1			0.1	100
Barley	Q					0.3							0.3	100
	C					0.6							0.6	100
Sorghum	Q			11.6									11.6	100
	C			13.1									13.1	100
Yam	Q													100
	C													100
Millet	Q													100
	C													100
Oat	Q													100
	C													100
Chickpea	Q			61.2									61.2	100
	C			na									na	100
Oilseeds	Q		5.0	6.6	3.9	0.0	6.4			0.5			22.4	100
	C		11.2	6.2	2.2	0.7	0.3			0.7			21.3	100
Soybean	Q		10.0	4.2	0.6	0.1				0.1			15.1	100
	C		21.3	5.0	1.8	1.3				0.7			30.1	100
Groundnut	Q			18.0									18.0	100
	C			17.6									17.6	100
Palmoil	Q				28.1		49.3			3.1			80.5	100
	C				7.9		1.6			2.0			11.5	100
Rapeseed	Q			13.0									13.0	100
	C			na									na	100
Sunflower	Q			4.7									4.7	100
	C			4.9									4.9	100
Sesame	Q													100
	C													100
		Bangladesh	China	India	Indonesia	Korea	Malaysia	Pakistan	Philippines	Thailand	Srilanka	Vietnam	Regional	World

Tropical crops	Q	0.2	5.8	8.1	11.0		1.4	1.6	1.9	4.2	1.0	0.9	36.2	100
	C	0.3	6.3	9.7	9.8		0.8	1.8	1.5	0.4	0.7	0.2	31.4	100
Sugar	Q	0.4	7.9	16.4	9.1			2.2	2.1	3.4		0.6	42.1	100
	C	0.5	7.3	16.8	14.5			2.2	2.3	0.8		0.7	45.0	100
Cotton	Q		13.7	12.0				4.0					29.6	100
	C		18.3	18.1				5.1					41.4	100
Coconut	Q				45.6				10.6		3.6		59.7	100
	C				40.6				7.5		5.9		54.0	100
Coffee	Q				7.3							4.6	11.9	100
	C				3.4							0.1	3.5	100
Rubber	Q				21.0		14.8			33.4	1.2	3.3	73.7	100
	C				1.9		8.6			0.6	0.9	0.1	12.1	100
Tea	Q	1.3			2.9						6.3		10.5	100
	C	1.4			1.3						0.3		3.0	100
Cocoa	Q						0.4						0.4	100
	C						0.1						0.1	100
Livestock	Q		14.2	3.7	0.2	0.7		0.4	0.6	0.4		0.3	20.4	100
	C		17.0	4.5	0.2	1.4		0.5	0.8	0.4			24.8	100
Pigmeat	Q		43.9			0.9			1.9	0.7		1.0	48.3	100
	C		47.9			1.2			2.1	0.8			51.9	100
Milk	Q		2.5	16.4		0.4		1.8					21.0	100
	C		3.1	20.3		0.5		2.3					26.1	100
Beef	Q					1.2			0.6				1.8	100
	C					4.6			1.2				5.7	100
Poultry	Q		23.0		1.1	0.4			0.2	1.6		0.5	26.8	100
	C		32.7		1.5	0.7			0.3	1.6			36.8	100
Egg	Q					0.8							0.8	100
	C					0.8							0.8	100
Sheepmeat	Q													100
	C													100
Wool	Q													100
	C													100
Total of above	Q	0.5	14.2	5.8	2.6	0.6	0.6	0.9	0.8	1.0	0.1	0.6	27.8	100
	C	0.7	16.3	7.1	2.7	1.1	0.2	1.0	1.0	0.5	0.1	0.4	31.1	100
Production														
All covered	Q	0.6	21.2	8.5	2.5	0.7	0.6	0.9	0.9	1.0	0.1	0.6	37.6	100
Non-covered	Q	0.5	23.1	8.0	3.9	1.5	1.0	0.8	0.5	0.6	0.2	0.7	40.7	100
All agriculture	Q	0.6	21.8	8.4	2.9	1.0	0.8	0.8	0.8	0.8	0.1	0.6	38.6	100

Source: Authors' calculations using Project data and FAO Production and Commodity Balance Data.

a. There are no Taiwan data in the FAO database.

Table 19: Shares of the global value of exports and imports of key covered agricultural products, Asian economies^a, 2000-03
(percent)

		Bangladesh	China	India	Indonesia	Korea	Malaysia	Pakistan	Philippines	Thailand	Srilanka	Vietnam	Regional	World
Grains	X	0.0	4.7	3.4	0.0	0.0	0.0	0.2	0.0	5.8	0.0	1.9	16.0	100.0
	M	0.9	2.6	0.2	1.1	1.5	0.3	0.2	0.5	0.0	0.0	0.0	7.4	100.0
Rice	X	0.0	6.7	12.7	0.0	0.0	0.0	0.0	0.0	24.5	0.0	10.0	53.9	100.0
	M	1.6	1.7	0.0	4.0	0.6	2.0	0.0	2.3	0.0	0.1	0.0	12.3	100.0
Wheat	X	0.0	0.6	2.1		0.0		0.4					3.2	100.0
	M	1.4	1.9	0.0		3.2		0.4					6.8	100.0
Maize	X		11.9	0.3	0.1			0.0	0.0	0.3			12.6	100.0
	M		5.7	0.0	1.3			0.1	0.4	0.1			7.6	100.0
Cassava	X									72.6			72.6	100.0
	M									0.0			0.0	100.0
Barley	X					0.0							0.0	100.0
	M					0.6							0.6	100.0
Sorghum	X			0.1									0.1	100.0
	M			0.0										100.0
Yam	X													100.0
	M													100.0
Millet	X													100.0
	M													100.0
Oat	X													100.0
	M													100.0
Chickpea	X			0.2									0.2	100.0
	M			23.5									23.5	100.0
Oilseeds	X		0.4	1.2	9.9	0.0	20.7			0.2			32.4	100.0
	M		6.9	0.2	1.1	1.1	0.5			1.2			11.1	100.0
Soybean	X		1.1	2.4	0.0	0.0				0.0			3.6	100.0
	M		17.4	0.0	2.7	2.7				3.1			25.9	100.0
Groundnut	X			8.3									8.3	100.0
	M			0.0									0.0	100.0
Palmoil	X				27.0		56.8			0.6			84.4	100.0
	M				0.0		1.3			0.0			1.4	100.0
Rapeseed	X			0.1									0.1	100.0
	M			0.0										100.0
Sunflower	X			0.1									0.1	100.0
	M			3.2									3.2	100.0
Sesame	X													100.0
	M													100.0

		Bangladesh	China	India	Indonesia	Korea	Malaysia	Pakistan	Philippines	Thailand	Srilanka	Vietnam	Regional	World
Tropical crops	X	0.0	0.6	1.2	3.0		1.4	0.2	0.3	6.4	2.7	2.7	18.6	100.0
	M	0.3	2.4	0.6	1.0		1.1	0.8	0.2	0.0	0.0	0.0	6.5	100.0
Sugar	X	0.0	0.7	2.8	0.0			0.0	0.4	7.4		0.2	11.4	100.0
	M	0.8	2.8	0.1	2.5			1.3	0.4	0.0		0.1	8.0	100.0
Cotton	X		2.5	0.7				1.0					4.2	100.0
	M		9.4	4.4				2.4					16.2	100.0
Coconut	X				15.0				30.3		16.9		62.2	100.0
	M				0.1				0.0		0.0		0.2	100.0
Coffee	X				3.2							11.2	14.4	100.0
	M				0.1							0.0	0.1	100.0
Rubber	X				23.7		15.6			41.6	0.7	11.7	93.3	100.0
	M				0.2		6.3			0.0	0.1	0.1	6.7	100.0
Tea	X	0.3			3.7						23.9		27.9	100.0
	M	0.0			0.1						0.3		0.4	100.0
Cocoa	X						0.6						0.6	100.0
	M						4.3						4.3	100.0
Livestock products	X		1.7	0.1	0.0	0.1		0.0	0.0	1.3		0.1	3.3	100.0
	M		1.4	0.0	0.0	1.7		0.0	0.2	0.0		0.0	3.3	100.0
Pigmeat	X		2.2			0.3			0.0	0.1		0.4	3.0	100.0
	M		0.6			1.4			0.2	0.0		0.0	2.2	100.0
Milk	X		0.2	0.2		0.0		0.0					0.4	100.0
	M		1.7	0.1		0.6		0.0					2.3	100.0
Beef	X					0.0			0.0				0.0	100.0
	M					5.2			0.6				5.8	100.0
Poultry	X		7.9		0.0	0.0			0.0	8.6		0.0	16.6	100.0
	M		4.5		0.0	1.0			0.1	0.0		0.0	5.7	100.0
Egg	X					0.0							0.0	100.0
	M					0.1							0.1	100.0
Sheepmeat	X													100.0
	M													100.0
Wool	X													100.0
	M													100.0
Total of above	X	0.0	2.1	1.1	1.6	0.0	2.5	0.1	0.1	3.1	0.5	0.9	12.1	100.0
	M	0.3	2.5	0.2	0.6	1.3	0.3	0.2	0.2	0.2	0.0	0.0	5.8	100.0
All exports	X	0.0	3.2	1.2	1.3	0.4	1.6	0.2	0.4	1.8	0.2	0.5	10.8	100.0
	M	0.3	3.8	0.8	0.9	1.9	0.9	0.4	0.6	0.6	0.2	0.3	10.6	100.0

Source: Authors' derivation using production, trade value data at FAOSTAT.

a. There are no Taiwan data in the FAO database.

Table 20: Shares of production exported, and of consumption imported and produced domestically, key covered products, Asian economies, 2000-03

		Bangladesh	China	India	Indonesia	Korea	Malaysia	Pakistan	Philippines	Thailand	Srilanka	Vietnam	All Asian focus countries
Grains	X/Q	0	4	4	0	1	2	13	0	42	0	16	7
	M/C	10	2	0	5	36	26	2	9	1	3	0	8
	Q/C	98	99	101	95	103	73	119	95	293	99	137	119
Rice	X/Q	0	2	4	0	0	2	45	0	43	0	16	6
	M/C	3	1	0	4	3	26	0	10	0	3	0	1
	Q/C	102	99	102	96	104	73	186	95	196	99	137	105
Wheat	X/Q	0	2	5		2038		5					3
	M/C	61	2	0		101		2					4
	Q/C	49	96	102		0		101					96
Maize	X/Q		10	2	0			0	0	5			8
	M/C		5	0	11			0	8	2			5
	Q/C		101	101	89			96	95	103			100
Cassava	X/Q									75			75
	M/C									0			0
	Q/C									1181			1181
Barley	X/Q					1							1
	M/C					44							44
	Q/C					56							56
Sorghum	X/Q			0									0
	M/C			0									0
	Q/C			100									100
Millet	X/Q												
	M/C												
	Q/C												
Oat	X/Q												
	M/C												
	Q/C												
Oilseeds	X/Q		2	2	66	1	98			24			32
	M/C		52	0	27	93	61			71			51
	Q/C		50	99	331	7	2804			136			571
Soybean	X/Q		2	2	0	1				2			2
	M/C		52	0	61	93				119			49
	Q/C		50	94	39	7				22			53

		Bangladesh	China	India	Indonesia	Korea	Malaysia	Pakistan	Philippines	Thailand	Srilanka	Vietnam	All Asian focus countries
Groundnut	X/Q			3									3
	M/C			0									0
	Q/C			102									102
Palmoil	X/Q				71		98			28			85
	M/C				1		61			13			11
	Q/C				355		2804			157			661
Sunflower	X/Q			0									0
	M/C			0									0
	Q/C			104									104
Sesame	X/Q												
	M/C												
	Q/C												
Tropical crops	X/Q	7	3	3	22		105	1	9	92	63	75	38
	M/C	21	9	2	18		110	7	6	1	5	5	18
	Q/C	97	97	107	270		192	96	107	3855	1250	4171	1024
Sugar	X/Q	0	6	4	2			1	6	68		5	12
	M/C	34	16	0	39			12	12	1		4	9
	Q/C	79	97	111	62			92	93	328		102	109
Cotton	X/Q		1	1				1					1
	M/C		4	5				3					4
	Q/C		97	96				99					97
Coconut	X/Q				5				12		17		9
	M/C				0				0		2		0
	Q/C				106				114		120		110
Coffee	X/Q				50							101	78
	M/C				3							0	3
	Q/C				196							5130	413
Rubber	X/Q				90		99			101	38	94	96
	M/C				14		97			3	6	47	71
	Q/C				1189		162			5137	150	6069	657
Tea	X/Q	14			64						97		78
	M/C	0			6						31		6
	Q/C	117			263						2166		431
Cocoa	X/Q						448						448
	M/C						2434						2434
	Q/C						1009						1009

												All Asian focus countries
	Bangladesh	China	India	Indonesia	Korea	Malaysia	Pakistan	Philippines	Thailand	Srilanka	Vietnam	
Livestock	X/Q	3	0	0	3		0	0	22			4
	M/C	4	0	1	38		0	9	0			7
	Q/C	99	100	100	74		100	92	133			100
Pigmeat	X/Q	1			3			0	3		na	1
	M/C	1			15			3	0		na	2
	Q/C	100			88			97	103		na	99
Milk	X/Q	2	0		0		0					0
	M/C	7	0		0		0					1
	Q/C	95	100		100		100					99
Beef	X/Q				5			0				2
	M/C				61			26				48
	Q/C				41			74				53
Poultry	X/Q	9		0	1			0	35		na	10
	M/C	12		1	18			3	0		na	11
	Q/C	96		100	83			97	153		na	99
Egg	X/Q				0							0
	M/C				1							1
	Q/C				99							99
Sheepmeat	X/Q											
	M/C											
	Q/C											
Wool	X/Q											
	M/C											
	Q/C											
Total of above	X/Q	0	3	2	15	2	94	8	2	51	42	25
	M/C	10	6	0	10	40	63	2	9	7	4	0
	Q/C	98	97	101	181	84	2256	111	96	1234	867	762

Source: Authors' derivation using production, trade and domestic supply data in the FAO Commodity Balances at FAOSTAT.