

Distortions to Agricultural Incentives in the Philippines

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1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	Bureau of Agricultural Statistics
4	Production	MT	Bureau of Agricultural Statistics
5	Imports	MT	n.a.
6	Exports	MT	n.a.
7	Change in stocks	MT	n.a.
8	Own input use (feed)	MT	n.a.
9	Other input use (seed)	MT	n.a.
10	Input into food processing	MT	n.a.
11	Input into industrial use	MT	n.a.
12	Domestic final consumption of primary product	MT	n.a.
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports (rice milled equivalent)	MT	Food and Agriculture Organization
17	Exports (rice milled equivalent)	MT	Food and Agriculture Organization
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	n.a.
21	Wholesale price for processed goods (P_{wp})	LC/MT	Bureau of Agricultural Statistics
22	Transmission factor from NRA to NRA ($0 \leq \theta_p \leq 1$ (I-O coefficient))	proportion	n.a.
23			
24	Subsidy to primary good production ($s_f < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA_p to NRA ($0 \leq \theta \leq 1$ (I-O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P)	US\$/MT	n.a.
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp})	US\$/MT	n.a.
45	fob export price (P_{xp})	US\$/MT	n.a.
46	International reference price (P_p) (ave. of 25% & 35% brokens)	US\$/MT	World Bank
47	International trading cost for imports (T_{mp}) (20%)	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_x < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{xp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	Central Bank
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	F(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66)
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	F(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66)
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	3="n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66)

72			
73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

PART 4: INTERMEDIATE INPUT MARKET

PART 5: OPTIONAL DOMESTIC PRICES AND MARGINS

Section 2

(Endogenous data)

142	Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7
143	Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12
144			
145	% of production exported in primary farm	%	100*6/4
146	% of primary production that is processed	%	100*10/4
147	% of primary production for industrial use	%	100*11/4
148	% of domestic utilization imported	%	100*5/142
149			
150	processed output	MT	10*15
151	domestic final consumption of processed product	MT	150+16-17-18
152			
153	% processed output exported	%	100*17/150
154	% of domestic processed consumption imported in processed form	%	100*16/151
155	% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)
156			
157	Undistorted international price - primary products (P_i)		
158	Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))
159	Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))
160			
161	Undistorted international price - processed products (P_p)		
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))
164			
165	NRA_i: Farm-gate price		
166	If primary is importable	proportion	(1+24)*(1+22*(20/158-1))-1
167	If primary is exportable	proportion	(1+24)*(1+22*(20/159-1))-1
168	If primary is non tradable and processed is importable	proportion	+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/162-1)
169	If primary is non tradable and processed is exportable	proportion	+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/163-1)
170	If primary is non tradable and processed is non tradable	proportion	31*((1+24)*(1-26)-1))*(1+22*30*34*((1+25)*(1-27)-1)
171	If primary is non tradable and no processed good exists	proportion	31*((1+24)*(1-26)-1)
172	Selecting NRA _i between lines 166 and 171 according to trading status	proportion	too long to be displayed here. Please click on the c
173	NRA: Primary good		
174	If primary is importable	proportion	20/158-1
175	If primary is exportable	proportion	20/159-1
176	If primary is non tradable and processed is importable	proportion	30*((1+25)*21/162-1)
177	If primary is non tradable and processed is exportable	proportion	30*((1+25)*21/163-1)
178	If primary is non tradable and processed is non tradable	proportion	30*34*((1+25)*(1-27)-1)
179	Selecting NRA between lines 174 and 178 according to trading status	proportion	too long to be displayed here. Please click on the c
180			
181	NRA_p: Processed goods		
182	Importable	proportion	(1+25)*21/162-1
183	Exportable	proportion	(1+25)*21/163-1
184	Non tradable	proportion	34*((1+25)*(1-27)-1)
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))
186			
187	CTE_p: Processing sector		
188	If primary is importable	proportion	174
189	If primary is exportable	proportion	175
190	If primary is non tradable and processed is importable	proportion	176
191	If primary is non tradable and processed is exportable	proportion	177
192	If primary is non tradable and processed is non tradable	proportion	178
193	Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179
194			
195	CTE_c: Consumers, primary good		
196	If primary is importable	proportion	(1+26)*20/158-1
197	If primary is exportable	proportion	(1+26)*20/159-1
198	If primary is non tradable and processed is importable	proportion	1-31*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/162-
199	If primary is non tradable and processed is exportable	proportion	1-31*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/163-
200	If primary is non tradable and processed is non tradable	proportion	-31*((1-24)*(1+26)-1))*(1+22*30*34*((1+25)*(1-27)
201	If primary is non tradable and no processed good exists	proportion	(1-31)*((1-24)*(1+26)-1)
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	too long to be displayed here. Please click on the c
203	CTE_{cp}: Consumers, processed goods		
204	Importable	proportion	(1+27)*21/162-1
205	Exportable	proportion	(1+27)*21/163-1
206	Non tradable	proportion	(1-34)*((1-25)*(1+27)-1)
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status		IF(14="M",204, IF(14="X",205,206))
208			

209	CTE_i: Fertilizers		
210	Undistorted international price if importable	LC/MT	IF(76<>"n.a.",76*71,78*(1+79)*71)
211	Undistorted international price if exportable	LC/MT	IF(77<>"n.a.",77*71,78*(1+80)*71)
212	Importable	proportion	(1+81)*75/210-1
213	Exportable	proportion	(1+81)*75/211-1
214	Non tradable	proportion	83*((1-82)*(1+81)-1)
215	CTE _i proportion fo farmers	proportion	(212<>"n.a.",212*74,IF(213<>"n.a.",213*74,214*74)
216			
217	CTE_i: Pesticides		
218	Undistorted international price if importable	LC/MT	IF(88<>"n.a.",88*71,90*(1+91)*71)
219	Undistorted international price if exportable	LC/MT	IF(89<>"n.a.",89*71,90*(1+92)*71)
220	Importable	proportion	(1+93)*87/218-1
221	Exportable	proportion	(1+93)*87/219-1
222	Non tradable	proportion	95*((1-94)*(1+93)-1)
223	CTE _i proportion fo farmers	proportion	(220<>"n.a.",220*86,IF(221<>"n.a.",221*86,222*86)
224			
225	CTE_i: Credit		
226	CTE _i proportion fo farmers	proportion	98*101*((1-100)*(1+99)-1)
227			
228	CTE_i: Fuel/electricity		
229	CTE _i proportion fo farmers	proportion	105*108*((1-107)*(1+106)-1)
230			
231	CTE_i: Other		
232	Undistorted international price if importable	LC/MT	IF(113<>"n.a.",113*71,115*(1+116)*71)
233	Undistorted international price if exportable	LC/MT	IF(114<>"n.a.",114*71,115*(1+117)*71)
234	Importable	proportion	(1+118)*112/232-1
235	Exportable	proportion	(1+118)*112/233-1
236	Non tradable	proportion	120*((1-119)*(1+118)-1)
237	CTE _i proportion fo farmers	proportion	(234<>"n.a.",234*111,IF(235<>"n.a.",235*111,236*111)
238			
239	CTE_i: MEMO ITEM: water		
240	CTE _i proportion fo farmers	proportion	123*126*((1-125)*(1+124)-1)
241			
242	TOTAL CTE_i	proportion	215+223+226+229+237
243			
244	DRA_i: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _i between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	182-193*([either 158 or 159 or (20/(1+179))/15]/163)
254	Exportable	proportion	183-193*([either 158 or 159 or (20/(1+179))/15]/163)
255	Non tradable	proportion	193*([either 158 or 159 or (20/(1+179))/15]/(21/(1+179)))
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	IF(14="M",253, IF(14="X",254,255))
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	(166+1)/(22*(1+24)*(1+(67-71)/71))-1-57
260	Tariff equivalent of NTBs on exportable primary product	proportion	1+58-((167+1)/(22*(1+24)*(1-(71-68)/71)))
261	Tariff equivalent of NTBs on importable processed products	proportion	(182+1)/((1+25)*(1+(69-71)/71))-1-59
262	Tariff equivalent of NTBs on exportable processed products	proportion	1+60-((183+1)/((1+25)*(1-(71-70)/71)))
263			
264	% proportion of NRA_i:		
265	Exchange rate distortions (if importable)	%	:(67-71)/71)/(22*((67-71)/71)+24+22*258+22*57)*100
266	Import tariffs (if importable)	%	22*57/(22*((67-71)/71)+24+22*258+22*57)*100
267	Production subsidies (if importable)	%	24/(22*((67-71)/71)+24+22*258+22*57)*100
268	NTBs (if importable)	%	22*258/(22*((67-71)/71)+24+22*258+22*57)*100
269	Exchange rate distortions (if exportable)	%	:(71-68)/71)/(-22*((71-68)/71)+24-22*259+22*58)*100
270	Export subsidies (if exportable)	%	22*58/(-22*((71-68)/71)+24-22*259+22*58)*100
271	Production subsidies (if exportable)	%	24/(-22*((71-68)/71)+24-22*259+22*58)*100
272	NTBs (if exportable)	%	(-22)*259/(-22*((71-68)/71)+24-22*259+22*58)*100
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	((69-71)/71)/(((69-71)/71)+25+261+59)*100
276	Import tariffs (if importable)	%	59/(((69-71)/71)+25+261+59)*100
277	Production subsidies (if importable)	%	25/(((69-71)/71)+25+261+59)*100
278	NTBs (if importable)	%	261/(((69-71)/71)+25+261+59)*100
279	Exchange rate distortions (if exportable)	%	(-(71-70)/71)/(-((71-70)/71)+25-262+60)*100
280	Export subsidies (if exportable)	%	60/(-((71-70)/71)+25-262+60)*100
281	Production subsidies (if exportable)	%	25/(-((71-70)/71)+25-262+60)*100

283				
284	% OF DRA	% proportion of DRA_i:		
285		CTE _i	%	(-100)*242/251
286				
287		% proportion of DRA_p:		
288	CTE _p	%	(-100)*193/256	
289				
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)		
291		Importable	LC	4*158
292		Exportable	LC	4*159
293		Non tradable	LC	4*20/(1+(either 176 or 177 or 178 or 171))
294		Value of primary prod. from rows 291,292,293 according to trading status	LC	IF(E2="M",E291,IF(E2="X",E292,E293))
295				
296		Value of processed production (at wholesale undistorted prices)		
297		Importable	LC	150*162
298		Exportable	LC	150*163
299		Non tradable	LC	150*21/(1+184)
300	Value of primary prod. from rows 297,298,299 according to trading status	LC	IF(14="M",297,IF(14="X",298,299))	
301				
302	Value of h'hold primary consumption (at wholesale undistorted price)			
303	Importable	LC	12*158	
304	Exportable	LC	12*159	
305	Non tradable	LC	12*20/(1+(either 176 or 177 or 178 or 171))	
306	Value of primary cons. from rows 303,304,305 according to trading status	LC	IF(2="M",303,IF(2="X",304,305))	
307				
308	Value of h'hold processed cons. (at wholesale undistorted price)			
309	Importable	LC	151*162	
310	Exportable	LC	151*163	
311	Non tradable	LC	151*21/(1+184)	
312	Value of processed cons. from lines 309,310,311 according to trading status	LC	IF(14="M",309,IF(14="X",310,311))	
313				
314	DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT	128,IF(OR(129,130="n.a."),"n.a.",130/(1+
315		Markup on farm-gate price (transportation, storage, etc.)	proportion	9,IF(OR(128,130="n.a."),"n.a.",130/12
316		Wholesale price for primary good (P _w) (from line 20)	LC/MT	130
317				
318		Primary good:		
319		Retail markup on primary wholesale prices (net of consumption tax)	proportion	3,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",13
320		Retail price for primary good (P _r) (including consumption tax)	LC/MT	4,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",13
321				
322		Processed goods:		
323		Markup on primary wholesale price (processing costs, etc.)	proportion	7,IF(OR(130,138="n.a."),"n.a.",138/13
324	Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138	
325	Retail markup on processed wholesale prices (net of consumption tax)	proportion	9,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",14	
326	Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	0,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",13	
327				
328	Markup on primary wholesale price net of conversion factor	proportion	R(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/1	
329				
330	OTHER	Comparison of markup on farm-gate price with NRA _i	%	100*315/172
331				
332		Domestic margins and distortions to primary good (P _f / P _{lob})	proportion	314/159
333				
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71	

1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	Bureau of Agricultural Statistics
4	Production	MT	Bureau of Agricultural Statistics
5	Imports (maize)	MT	Food and Agriculture Organization
6	Exports (maize)	MT	Food and Agriculture Organization
7	Change in stocks (maize)	MT	n.a.
8	Own input use (feed) (maize)	MT	Food and Agriculture Organization
9	Other input use (seed) (maize)	MT	Food and Agriculture Organization
10	Input into food processing (maize)	MT	n.a.
11	Input into industrial use (maize)	MT	Food and Agriculture Organization
12	Domestic final consumption of primary product (maize)	MT	Food and Agriculture Organization
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports	MT	Food and Agriculture Organization
17	Exports	MT	Food and Agriculture Organization
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	Bureau of Agricultural Statistics
21	Wholesale price for processed goods (P_{vp})	LC/MT	n.a.
22	Transmission factor from NRA to NRA _p ($0 \leq \theta_p \leq 1$ (I-O coefficient))	proportion	n.a.
23			
24	Subsidy to primary good production ($s_p < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA _p to NRA ($0 \leq \theta \leq 1$ (I-O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_f)	$0 \leq \lambda_f \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_e)	US\$/MT	n.a.
39	International reference price (P) (maize)	US\$/MT	World Bank
40	International trading cost for imports TM (maize)	proportion	n.a.
41	International trading cost for exports (T_e)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp})	US\$/MT	n.a.
45	fob export price (P_{sp})	US\$/MT	n.a.
46	International reference price (P_p)	US\$/MT	n.a.
47	International trading cost for imports (T_{mp})	proportion	n.a.
48	International trading cost for exports (T_{sp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_e)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{sp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_e < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{sp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	Central Bank
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_e)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{sp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))

PART 1: QUANTITIES

PART 2: DOMESTIC VARIABLES

PART 3: INTERNATIONAL VARIABLES
(to be filled in only for tradable goods)

72			
73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{im}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{ex}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{im}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{ex}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_c < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{im}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{ex}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{im}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{ex}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_c < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_c < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_c < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{im}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{ex}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{im}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{ex}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_c < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_c < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	PART 5: OPTIONAL DOMESTIC PRICES AND MARGINS		
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	20
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	21
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

Section 2 (Endogenous data)

142		Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7	
143		Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12	
144					
145	PRIMARY PRODUCT	% of production exported in primary farm	%	100*6/4	
146		% of primary production that is processed	%	100*10/4	
147		% of primary production for industrial use	%	100*11/4	
148		% of domestic utilization imported	%	100*5/142	
149					
150	PROCESSED PRODUCTS	processed output	MT	10*15	
151		domestic final consumption of processed product	MT	150+16-17-18	
152					
153		% processed output exported	%	100*17/150	
154		% of domestic processed consumption imported in processed form	%	100*16/151	
155	% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)		
156					
157	UNDISTORTED INTERNATIONAL PRICES	Undistorted international price - primary products (P_i)			
158		Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))	
159		Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))	
160					
161		Undistorted international price - processed products (P_{ip})			
162		Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))	
163		Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))	
164					
165	NOMINAL RATE OF ASSISTANCE	NRA_i: Farm-gate price			
166		If primary is importable	proportion	$(1+24)^*(1+22*(20/158-1))-1$	
167		If primary is exportable	proportion	$(1+24)^*(1+22*(20/159-1))-1$	
168		If primary is non tradable and processed is importable	proportion	$(1+31*((1+24)^*(1-26)-1))*(1+22*30*((1+25)^*21/162-1))-1$	
169		If primary is non tradable and processed is exportable	proportion	$(1+31*((1+24)^*(1-26)-1))*(1+22*30*((1+25)^*21/163-1))-1$	
170		If primary is non tradable and processed is non tradable	proportion	$1+31*((1+24)^*(1-26)-1))*(1+22*30*34*((1+25)^*(1-27)-1))-1$	
171		If primary is non tradable and no processed good exists	proportion	$31*((1+24)^*(1-26)-1)$	
172		Selecting NRA _i between lines 166 and 171 according to trading statu	proportion	is too long to be displayed here. Please click on the cell	
173		NRA: Primary good			
174		If primary is importable	proportion	20/158-1	
175		If primary is exportable	proportion	20/159-1	
176		If primary is non tradable and processed is importable	proportion	$30*((1+25)^*21/162-1)$	
177		If primary is non tradable and processed is exportable	proportion	$30*((1+25)^*21/163-1)$	
178		If primary is non tradable and processed is non tradable	proportion	$30*34*((1+25)^*(1-27)-1)$	
179	Selecting NRA between lines 174 and 178 according to trading statu	proportion	is too long to be displayed here. Please click on the cell		
180					
181		NRA_p: Processed goods			
182		Importable	proportion	$(1+25)^*21/162-1$	
183		Exportable	proportion	$(1+25)^*21/163-1$	
184		Non tradable	proportion	$34*((1+25)^*(1-27)-1)$	
185		Selecting NRA _p between lines 182 and 184 according to trading statu	proportion	IF(14="M",182, IF(14="X",183,184))	
186					
187	CONSUMER TAX EQUIVALENT	CTE_p: Processing sector			
188		If primary is importable	proportion	174	
189		If primary is exportable	proportion	175	
190		If primary is non tradable and processed is importable	proportion	176	
191		If primary is non tradable and processed is exportable	proportion	177	
192		If primary is non tradable and processed is non tradable	proportion	178	
193		Selecting CTE _p between lines 188 and 192 according to trading statu	proportion	179	
194					
195			CTE_c: Consumers, primary good		
196			If primary is importable	proportion	$(1+26)^*20/158-1$
197			If primary is exportable	proportion	$(1+26)^*20/159-1$
198			If primary is non tradable and processed is importable	proportion	$1+(1-31)((1-24)^*(1+26)-1))*(1+22*30*((1+25)^*21/162-1))-1$
199			If primary is non tradable and processed is exportable	proportion	$1+(1-31)((1-24)^*(1+26)-1))*(1+22*30*((1+25)^*21/163-1))-1$
200			If primary is non tradable and processed is non tradable	proportion	$1+(1-31)((1-24)^*(1+26)-1))*(1+22*30*34*((1+25)^*(1-27)-1))-1$
201	If primary is non tradable and no processed good exists		proportion	$(1-31)((1-24)^*(1+26)-1)$	
202	Selecting CTE _c between lines 196 and 201 according to trading statu		proportion	is too long to be displayed here. Please click on the cell	
203		CTE_{cp}: Consumers, processed goods			
204		Importable	proportion	$(1+27)^*21/162-1$	
205		Exportable	proportion	$(1+27)^*21/163-1$	
206		Non tradable	proportion	$(1-34)((1-25)^*(1+27)-1)$	
207		Selecting CTE _{cp} between lines 204 and 206 according to trading status	proportion	IF(14="M",204, IF(14="X",205,206))	
208					

209	CTE_i: Fertilizers		
210	Undistorted international price if importable	LC/MT	$IF(76 <> "n.a.", 76*71, 78*(1+79)*71)$
211	Undistorted international price if exportable	LC/MT	$IF(77 <> "n.a.", 77*71, 78*(1+80)*71)$
212	Importable	proportion	$(1+81)*75/210-1$
213	Exportable	proportion	$(1+81)*75/211-1$
214	Non tradable	proportion	$83*((1-82)*(1+81)-1)$
215	CTE _i proportion fo farmers	proportion	$IF(212 <> "n.a.", 212*74, IF(213 <> "n.a.", 213*74, 214*74))$
216			
217	CTE_i: Pesticides		
218	Undistorted international price if importable	LC/MT	$IF(88 <> "n.a.", 88*71, 90*(1+91)*71)$
219	Undistorted international price if exportable	LC/MT	$IF(89 <> "n.a.", 89*71, 90*(1+92)*71)$
220	Importable	proportion	$(1+93)*87/218-1$
221	Exportable	proportion	$(1+93)*87/219-1$
222	Non tradable	proportion	$95*((1-94)*(1+93)-1)$
223	CTE _i proportion fo farmers	proportion	$IF(220 <> "n.a.", 220*86, IF(221 <> "n.a.", 221*86, 222*86))$
224			
225	CTE_i: Credit		
226	CTE _i proportion fo farmers	proportion	$98*101*((1-100)*(1+99)-1)$
227			
228	CTE_i: Fuel/electricity		
229	CTE _i proportion fo farmers	proportion	$105*108*((1-107)*(1+106)-1)$
230			
231	CTE_i: Other		
232	Undistorted international price if importable	LC/MT	$IF(113 <> "n.a.", 113*71, 115*(1+116)*71)$
233	Undistorted international price if exportable	LC/MT	$IF(114 <> "n.a.", 114*71, 115*(1+117)*71)$
234	Importable	proportion	$(1+118)*112/232-1$
235	Exportable	proportion	$(1+118)*112/233-1$
236	Non tradable	proportion	$120*((1-119)*(1+118)-1)$
237	CTE _i proportion fo farmers	proportion	$F(234 <> "n.a.", 234*111, IF(235 <> "n.a.", 235*111, 236*111))$
238			
239	CTE_i: MEMO ITEM: water		
240	CTE _i proportion fo farmers	proportion	$123*126*((1-125)*(1+124)-1)$
241			
242	TOTAL CTE_i	proportion	$215+223+226+229+237$
243			
244	DRA_i: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _i between lines 245 and 250 according to trading statu	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	$182-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/162)$
254	Exportable	proportion	$183-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/163)$
255	Non tradable	proportion	$34-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/(21/(1+184))$
256	Selecting DRA _p between lines 253 and 255 according to trading statu	proportion	$IF(14="M", 253, IF(14="X", 254, 255))$
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	$(166+1)/(22*(1+24)*(1+(67-71)/71))-1-57$
260	Tariff equivalent of NTBs on exportable primary product	proportion	$1+58-((167+1)/(22*(1+24)*(1-(71-68)/71)))$
261	Tariff equivalent of NTBs on importable processed products	proportion	$(182+1)/((1+25)*(1+(69-71)/71))-1-59$
262	Tariff equivalent of NTBs on exportable processed products	proportion	$1+60-((183+1)/((1+25)*(1-(71-70)/71)))$
263			
264	% proportion of NRA_i:		
265	Exchange rate distortions (if importable)	%	$(22*(67-71)/71)/(22*((67-71)/71)+24+22*258+22*57)*100$
266	Import tariffs (if importable)	%	$22*57/(22*((67-71)/71)+24+22*258+22*57)*100$
267	Production subsidies (if importable)	%	$24/(22*((67-71)/71)+24+22*258+22*57)*100$
268	NTBs (if importable)	%	$22*258/(22*((67-71)/71)+24+22*258+22*57)*100$
269	Exchange rate distortions (if exportable)	%	$22*(71-68)/71/(-22*((71-68)/71)+24-22*259+22*58)*100$
270	Export subsidies (if exportable)	%	$22*58/(-22*((71-68)/71)+24-22*259+22*58)*100$
271	Production subsidies (if exportable)	%	$24/(-22*((71-68)/71)+24-22*259+22*58)*100$
272	NTBs (if exportable)	%	$(-22)*259/(-22*((71-68)/71)+24-22*259+22*58)*100$
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	$((69-71)/71)/(((69-71)/71)+25+261+59)*100$
276	Import tariffs (if importable)	%	$59/(((69-71)/71)+25+261+59)*100$
277	Production subsidies (if importable)	%	$25/(((69-71)/71)+25+261+59)*100$
278	NTBs (if importable)	%	$261/(((69-71)/71)+25+261+59)*100$
279	Exchange rate distortions (if exportable)	%	$(-(71-70)/71)/(-((71-70)/71)+25-262+60)*100$
280	Export subsidies (if exportable)	%	$60/(-((71-70)/71)+25-262+60)*100$
281	Production subsidies (if exportable)	%	$25/(-((71-70)/71)+25-262+60)*100$

283				
284	% OF DRA	% proportion of DRA_f:		
285		CTE _f	%	(-100)*242/251
286				
287		% proportion of DRA_p:		
288	CTE _p	%		(-100)*193/256
289				
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)		
291		Importable	LC	4*158
292		Exportable	LC	4*159
293		Non tradable	LC	4*20/(1+[either 176 or 177 or 178 or 171])
294		Value of primary prod. from rows 291,292,293 according to trading st	LC	IF(E2="M",E291,IF(E2="X",E292,E293))
295				
296		Value of processed production (at wholesale undistorted prices)		
297		Importable	LC	150*162
298		Exportable	LC	150*163
299		Non tradable	LC	150*21/(1+184)
300	Value of primary prod. from rows 297,298,299 according to trading st	LC	IF(14="M",297,IF(14="X",298,299))	
301				
302	Value of h'hold primary consumption (at wholesale undistorted price)			
303	Importable	LC	12*158	
304	Exportable	LC	12*159	
305	Non tradable	LC	12*20/(1+[either 176 or 177 or 178 or 171])	
306	Value of primary cons. from rows 303,304,305 according to trading s	LC	IF(2="M",303,IF(2="X",304,305))	
307				
308	Value of h'hold processed cons. (at wholesale undistorted price)			
309	Importable	LC	151*162	
310	Exportable	LC	151*163	
311	Non tradable	LC	151*21/(1+184)	
312	Value of processed cons. from lines 309,310,311 according to tradir	LC	IF(14="M",309,IF(14="X",310,311))	
313				
314	DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT	128<>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130/(1+12
315		Markup on farm-gate price (transportation, storage, etc.)	proportion	(129<>"n.a.",129,IF(OR(128,130="n.a."),"n.a.",130/128-1
316		Wholesale price for primary good (P _w) (from line 20)	LC/MT	130
317				
318		Primary good:		
319		Retail markup on primary wholesale prices (net of consumption tax)	proportion	,133,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",134/(
320		Retail price for primary good (P _r) (including consumption tax)	LC/MT	134,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",130*(1
321				
322		Processed goods:		
323		Markup on primary wholesale price (processing costs, etc.)	proportion	(137<>"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/130-1
324	Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138	
325	Retail markup on processed wholesale prices (net of consumption tax)	proportion	,139,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",140/(1	
326	Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	140,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",138*(1	
327				
328	Markup on primary wholesale price net of conversion factor	proportion	(OR(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/130-	
329				
330	OTHER	Comparison of markup on farm-gate price with NRA _f	%	100*315/172
331				
332		Domestic margins and distortions to primary good (P _f / P _{lob})	proportion	314/159
333				
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71	

1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	n.a.
4	Production (sugarcane)	MT	n.a.
5	Imports	MT	n.a.
6	Exports (sugarcane)	MT	n.a.
7	Change in stocks	MT	n.a.
8	Own input use (feed) sugarcane	MT	n.a.
9	Other input use (seed) sugarcane	MT	n.a.
10	Input into food processing (sugarcane)	MT	n.a.
11	Input into industrial use	MT	n.a.
12	Domestic final consumption of primary product (sugarcane)	MT	n.a.
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports (Total, Sugar raw equivalent)	MT	n.a.
17	Exports (Total, Sugar raw equivalent)	MT	n.a.
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	n.a.
21	Wholesale price for processed goods (P_{wp}) sugar	LC/MT	n.a.
22	Transmission factor from NRA to NRA_f ($0 \leq \theta_f \leq 1$ /I-O coefficient))	proportion	n.a.
23			
24	Subsidy to primary good production ($s_f < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA_p to NRA ($0 \leq \theta \leq 1$ /I-O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_f)	$0 \leq \lambda_f \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P)	US\$/MT	n.a.
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp})	US\$/MT	n.a.
45	fob export price (P_{xp})	US\$/MT	n.a.
45a	World price (US)	US\$/MT	n.a.
46	International reference price (P_p) free market	US\$/MT	n.a.
47	International trading cost for imports (T_{mp}) (20%)	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_x < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{xp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	n.a.
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66)/2))

73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	20
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	21
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

PART 4: INTERMEDIATE INPUT MARKET

PART 5: OPTIONAL DOMESTIC PRICES AND MARGINS

Section 2 (Endogenous data)

142		Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7	
143		Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12	
144					
145	PRIMARY PRODUCT	% of production exported in primary farm	%	100*6/4	
146		% of primary production that is processed	%	100*10/4	
147		% of primary production for industrial use	%	100*11/4	
148		% of domestic utilization imported	%	100*5/142	
149					
150	PROCESSED PRODUCTS	processed output	MT	10*15	
151		domestic final consumption of processed product	MT	150+16-17-18	
152					
153		% processed output exported	%	100*17/150	
154		% of domestic processed consumption imported in processed form	%	100*16/151	
155		% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)	
156					
157	UNDISTORTED INTERNATIONAL PRICES	Undistorted international price - primary products (P_i)			
158		Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))	
159		Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))	
160					
161		Undistorted international price - processed products (P_p)			
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))		
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))		
164					
165	NOMINAL RATE OF ASSISTANCE	NRA_i: Farm-gate price			
166		If primary is importable	proportion	$(1+24)^*(1+22*(20/158-1))-1$	
167		If primary is exportable	proportion	$(1+24)^*(1+22*(20/159-1))-1$	
168		If primary is non tradable and processed is importable	proportion	$(1+31*((1+24)^*(1-26)-1))*(1+22*30*((1+25)^*21/162-1))-1$	
169		If primary is non tradable and processed is exportable	proportion	$(1+31*((1+24)^*(1-26)-1))*(1+22*30*((1+25)^*21/163-1))-1$	
170		If primary is non tradable and processed is non tradable	proportion	$(1+31*((1+24)^*(1-26)-1))*(1+22*30*34*((1+25)^*(1-27)-1))-1$	
171		If primary is non tradable and no processed good exists	proportion	$31*((1+24)^*(1-26)-1)$	
172		Selecting NRA _i between lines 166 and 171 according to trading status	proportion	mula is too long to be displayed here. Please click on the cell to t	
173		NRA: Primary good			
174		If primary is importable	proportion	20/158-1	
175		If primary is exportable	proportion	20/159-1	
176		If primary is non tradable and processed is importable	proportion	$30*((1+25)^*21/162-1)$	
177		If primary is non tradable and processed is exportable	proportion	$30*((1+25)^*21/163-1)$	
178		If primary is non tradable and processed is non tradable	proportion	$30*34*((1+25)^*(1-27)-1)$	
179	Selecting NRA between lines 174 and 178 according to trading status	proportion	mula is too long to be displayed here. Please click on the cell to t		
180					
181		NRA_p: Processed goods			
182	Importable	proportion	$(1+25)^*21/162-1$		
183	Exportable	proportion	$(1+25)^*21/163-1$		
184	Non tradable	proportion	$34*((1+25)^*(1-27)-1)$		
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))		
186					
187	CONSUMER TAX EQUIVALENT	CTE_p: Processing sector			
188		If primary is importable	proportion	174	
189		If primary is exportable	proportion	175	
190		If primary is non tradable and processed is importable	proportion	176	
191		If primary is non tradable and processed is exportable	proportion	177	
192		If primary is non tradable and processed is non tradable	proportion	178	
193		Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179	
194					
195			CTE_c: Consumers, primary good		
196		If primary is importable	proportion	$(1+26)^*20/158-1$	
197		If primary is exportable	proportion	$(1+26)^*20/159-1$	
198		If primary is non tradable and processed is importable	proportion	$(1+(1-31)*((1-24)^*(1+26)-1))*(1+22*30*((1+25)^*21/162-1))-1$	
199		If primary is non tradable and processed is exportable	proportion	$(1+(1-31)*((1-24)^*(1+26)-1))*(1+22*30*((1+25)^*21/163-1))-1$	
200		If primary is non tradable and processed is non tradable	proportion	$(1+(1-31)*((1-24)^*(1+26)-1))*(1+22*30*34*((1+25)^*(1-27)-1))-1$	
201	If primary is non tradable and no processed good exists	proportion	$(1-31)*((1-24)^*(1+26)-1)$		
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	mula is too long to be displayed here. Please click on the cell to t		
203		CTE_{cp}: Consumers, processed goods			
204	Importable	proportion	$(1+27)^*21/162-1$		
205	Exportable	proportion	$(1+27)^*21/163-1$		
206	Non tradable	proportion	$(1-34)*((1-25)^*(1+27)-1)$		
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status		IF(14="M",204, IF(14="X",205,206))		
208					

209	CTE_i: Fertilizers		
210	Undistorted international price if importable	LC/MT	IF(76<>"n.a.",76*71,78*(1+79)*71)
211	Undistorted international price if exportable	LC/MT	IF(77<>"n.a.",77*71,78*(1+80)*71)
212	Importable	proportion	(1+81)*75/210-1
213	Exportable	proportion	(1+81)*75/211-1
214	Non tradable	proportion	83*((1-82)*(1+81)-1)
215	CTE _i proportion fo farmers	proportion	IF(212<>"n.a.",212*74,IF(213<>"n.a.",213*74,214*74))
216			
217	CTE_i: Pesticides		
218	Undistorted international price if importable	LC/MT	IF(88<>"n.a.",88*71,90*(1+91)*71)
219	Undistorted international price if exportable	LC/MT	IF(89<>"n.a.",89*71,90*(1+92)*71)
220	Importable	proportion	(1+93)*87/218-1
221	Exportable	proportion	(1+93)*87/219-1
222	Non tradable	proportion	95*((1-94)*(1+93)-1)
223	CTE _i proportion fo farmers	proportion	IF(220<>"n.a.",220*86,IF(221<>"n.a.",221*86,222*86))
224			
225	CTE_i: Credit		
226	CTE _i proportion fo farmers	proportion	98*101*((1-100)*(1+99)-1)
227			
228	CTE_i: Fuel/electricity		
229	CTE _i proportion fo farmers	proportion	105*108*((1-107)*(1+106)-1)
230			
231	CTE_i: Other		
232	Undistorted international price if importable	LC/MT	IF(113<>"n.a.",113*71,115*(1+116)*71)
233	Undistorted international price if exportable	LC/MT	IF(114<>"n.a.",114*71,115*(1+117)*71)
234	Importable	proportion	(1+118)*112/232-1
235	Exportable	proportion	(1+118)*112/233-1
236	Non tradable	proportion	120*((1-119)*(1+118)-1)
237	CTE _i proportion fo farmers	proportion	IF(234<>"n.a.",234*111,IF(235<>"n.a.",235*111,236*111))
238			
239	CTE_i: MEMO ITEM: water		
240	CTE _i proportion fo farmers	proportion	123*126*((1-125)*(1+124)-1)
241			
242	TOTAL CTE_i	proportion	215+223+226+229+237
243			
244	DRA_i: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _i between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	182-193*((either 158 or 159 or (20/(1+179))/15)/162
254	Exportable	proportion	183-193*((either 158 or 159 or (20/(1+179))/15)/163
255	Non tradable	proportion	184-193*((either 158 or 159 or (20/(1+179))/15)/(21/(1+184))
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	IF(14="M",253, IF(14="X",254,255))
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	(166+1)/(22*(1+24)*(1+(67-71)/71))-1-57
260	Tariff equivalent of NTBs on exportable primary product	proportion	1+58-((167+1)/(22*(1+24)*(1-(71-68)/71)))
261	Tariff equivalent of NTBs on importable processed products	proportion	(182+1)/((1+25)*(1+(69-71)/71))-1-59
262	Tariff equivalent of NTBs on exportable processed products	proportion	1+60-((183+1)/((1+25)*(1-(71-70)/71)))
263			
264	% proportion of NRA_i:		
265	Exchange rate distortions (if importable)	%	(22*(67-71)/71)/(22*((67-71)/71)+24+22*258+22*57)*100
266	Import tariffs (if importable)	%	22*57/(22*((67-71)/71)+24+22*258+22*57)*100
267	Production subsidies (if importable)	%	24/(22*((67-71)/71)+24+22*258+22*57)*100
268	NTBs (if importable)	%	22*258/(22*((67-71)/71)+24+22*258+22*57)*100
269	Exchange rate distortions (if exportable)	%	(-22*(71-68)/71)/(-22*((71-68)/71)+24-22*259+22*58)*100
270	Export subsidies (if exportable)	%	22*58/(-22*((71-68)/71)+24-22*259+22*58)*100
271	Production subsidies (if exportable)	%	24/(-22*((71-68)/71)+24-22*259+22*58)*100
272	NTBs (if exportable)	%	(-22)*259/(-22*((71-68)/71)+24-22*259+22*58)*100
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	((69-71)/71)/(((69-71)/71)+25+261+59)*100
276	Import tariffs (if importable)	%	59/(((69-71)/71)+25+261+59)*100
277	Production subsidies (if importable)	%	25/(((69-71)/71)+25+261+59)*100
278	NTBs (if importable)	%	261/(((69-71)/71)+25+261+59)*100
279	Exchange rate distortions (if exportable)	%	(-(71-70)/71)/(-(71-70)/71)+25-262+60)*100
280	Export subsidies (if exportable)	%	60/(-(71-70)/71)+25-262+60)*100
281	Production subsidies (if exportable)	%	25/(-(71-70)/71)+25-262+60)*100

CONSUMER TAX EQUIVALENT (intermediate inputs)

DIRECT RATE OF ASSISTANCE

NTBs

% OF NRA

283					
284	% OF DRA	% proportion of DRA_i:			
285		CTE _i	%	(-100)*242/251	
286					
287		% proportion of DRA_p:			
288		CTE _p	%	(-100)*193/256	
289					
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)			
291		Importable	LC	4*158	
292		Exportable	LC	4*159	
293		Non tradable	LC	4*20/(1+[either 176 or 177 or 178 or 171])	
###		Value of primary prod. from rows 291,292,293 according to trading status	LC	IF(E2="M",E291,IF(E2="X",E292,E293))	
295					
296		Value of processed production (at wholesale undistorted prices)			
297		Importable	LC	150*162	
298		Exportable	LC	150*163	
299		Non tradable	LC	150*21/(1+184)	
300		Value of primary prod. from rows 297,298,299 according to trading status	LC	IF(14="M",297,IF(14="X",298,299))	
301					
302		Value of h'hold primary consumption (at wholesale undistorted price)			
303		Importable	LC	12*158	
304		Exportable	LC	12*159	
305		Non tradable	LC	12*20/(1+[either 176 or 177 or 178 or 171])	
306		Value of primary cons. from rows 303,304,305 according to trading status	LC	IF(2="M",303,IF(2="X",304,305))	
307					
308		Value of h'hold processed cons. (at wholesale undistorted price)			
309		Importable	LC	151*162	
310		Exportable	LC	151*163	
311		Non tradable	LC	151*21/(1+184)	
312		Value of processed cons. from lines 309,310,311 according to trading statu	LC	IF(14="M",309,IF(14="X",310,311))	
313					
314		DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT	IF(128<>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130/(1+129)))
315			Markup on farm-gate price (transportation, storage, etc.)	proportion	IF(129<>"n.a.",129,IF(OR(128,130="n.a."),"n.a.",130/128-1))
316			Wholesale price for primary good (P _w) (from line 20)	LC/MT	130
317					
318			Primary good:		
319			Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.",133,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",134/(130*1
320			Retail price for primary good (P _r) (including consumption tax)	LC/MT	n.a.",134,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",130*(1+13
321					
322			Processed goods:		
323			Markup on primary wholesale price (processing costs, etc.)	proportion	IF(137<>"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/130-1))
324			Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138
325			Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.",139,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",140/(138*(
326			Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	n.a.",140,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",138*(1+13
327					
328			Markup on primary wholesale price net of conversion factor	proportion	IF(OR(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/130-1)
329					
330	OTHER	Comparison of markup on farm-gate price with NRA _i	%	100*315/172	
331					
332		Domestic margins and distortions to primary good (P _f / P _{tot})	proportion	314/159	
333					
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71		

1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	Bureau of Agricultural Statistics
4	Production (coconut)	MT	Bureau of Agricultural Statistics
5	Imports (Copra)	MT	Food and Agriculture Organization
6	Exports (Copra)	MT	Food and Agriculture Organization
7	Change in stocks	MT	n.a.
8	Own input use (feed) coconuts incl. copra	MT	Food and Agriculture Organization
9	Other input use (seed) (coconuts incl. copra)	MT	Food and Agriculture Organization
10	Input into food processing (coconuts incl. copra)	MT	Food and Agriculture Organization
11	Input into industrial use (coconuts incl. copra)	MT	Food and Agriculture Organization
12	Domestic final consumption of primary product (coconuts incl. copra)	MT	Food and Agriculture Organization
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports (Dessicated coconut)	MT	Food and Agriculture Organization
17	Exports (Dessicated coconut)	MT	Food and Agriculture Organization
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w) Copra	LC/MT	Philippine Coconut Authority
21	Wholesale price for processed goods (P_{wp}) Coconut Oil	LC/MT	Philippine Coconut Authority
22	Transmission factor from NRA to NRA ($0 \leq \theta \leq 1$ (I/O coefficient))	proportion	n.a.
23			FAO producer price (66-03)
24	Subsidy to primary good production ($s_f < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA _p to NRA ($0 \leq \theta \leq 1$ (I/O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_f)	$0 \leq \lambda_f \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P) Copra	US\$/MT	World Bank
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp})	US\$/MT	n.a.
45	fob export price (P_{xp})	US\$/MT	n.a.
46	International reference price (P_p) Coconut Oil	US\$/MT	World Bank
47	International trading cost for imports (T_{mp})	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_x < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{xp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	Central Bank
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66)/2))

PART 1: QUANTITIES

PART 2: DOMESTIC VARIABLES

PART 3: INTERNATIONAL VARIABLES
(to be filled in only for tradable goods)

72			
73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	FAO producer price (66-03)
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	n.a.
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	n.a.
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

PART 4: INTERMEDIATE INPUT MARKET

PART 5: OPTIONAL DOMESTIC PRICES AND MARGINS

Section 2
(Endogenous data)

141			
142	Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7
143	Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12
144			
145	% of production exported in primary farm	%	100*6/4
146	% of primary production that is processed	%	100*10/4
147	% of primary production for industrial use	%	100*11/4
148	% of domestic utilization imported	%	100*5/142
149			
150	processed output	MT	10*15
151	domestic final consumption of processed product	MT	150+16-17-18
152			
153	% processed output exported	%	100*17/150
154	% of domestic processed consumption imported in processed form	%	100*16/151
155	% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)
156			
157	Undistorted international price - primary products (P_i)		
158	Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))
159	Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))
160			
161	Undistorted international price - processed products (P_p)		
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))
164			
165	NRA_i: Farm-gate price		
166	If primary is importable	proportion	(1+24)*(1+22*(20/158-1))-1
167	If primary is exportable	proportion	(1+24)*(1+22*(20/159-1))-1
168	If primary is non tradable and processed is importable	proportion	(1+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/162-1))-1
169	If primary is non tradable and processed is exportable	proportion	(1+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/163-1))-1
170	If primary is non tradable and processed is non tradable	proportion	(1+31*((1+24)*(1-26)-1))*(1+22*30*34*((1+25)*(1-27)-1))-1
171	If primary is non tradable and no processed good exists	proportion	31*((1+24)*(1-26)-1)
172	Selecting NRA _i between lines 166 and 171 according to trading status	proportion	he formula is too long to be displayed here. Please click on the cell to the right
173	NRA: Primary good		
174	If primary is importable	proportion	20/158-1
175	If primary is exportable	proportion	20/159-1
176	If primary is non tradable and processed is importable	proportion	30*((1+25)*21/162-1)
177	If primary is non tradable and processed is exportable	proportion	30*((1+25)*21/163-1)
178	If primary is non tradable and processed is non tradable	proportion	30*34*((1+25)*(1-27)-1)
179	Selecting NRA between lines 174 and 178 according to trading status	proportion	he formula is too long to be displayed here. Please click on the cell to the right
180			
181	NRA_p: Processed goods		
182	Importable	proportion	(1+25)*21/162-1
183	Exportable	proportion	(1+25)*21/163-1
184	Non tradable	proportion	34*((1+25)*(1-27)-1)
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))
186			
187	CTE_p: Processing sector		
188	If primary is importable	proportion	174
189	If primary is exportable	proportion	175
190	If primary is non tradable and processed is importable	proportion	176
191	If primary is non tradable and processed is exportable	proportion	177
192	If primary is non tradable and processed is non tradable	proportion	178
193	Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179
194			
195	CTE_c: Consumers, primary good		
196	If primary is importable	proportion	(1+26)*20/158-1
197	If primary is exportable	proportion	(1+26)*20/159-1
198	If primary is non tradable and processed is importable	proportion	(1+(1-31)*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/162-1))-1
199	If primary is non tradable and processed is exportable	proportion	(1+(1-31)*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/163-1))-1
200	If primary is non tradable and processed is non tradable	proportion	(1+(1-31)*((1-24)*(1+26)-1))*(1+22*30*34*((1+25)*(1-27)-1))-1
201	If primary is non tradable and no processed good exists	proportion	(1-31)*((1-24)*(1+26)-1)
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	he formula is too long to be displayed here. Please click on the cell to the right
203	CTE_{cp}: Consumers, processed goods		
204	Importable	proportion	(1+27)*21/162-1
205	Exportable	proportion	(1+27)*21/163-1
206	Non tradable	proportion	(1-34)*((1-25)*(1+27)-1)
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status	proportion	IF(14="M",204, IF(14="X",205,206))
208			

209	CTE_i: Fertilizers		
210	Undistorted international price if importable	LC/MT	$IF(76<>"n.a.",76*71,78*(1+79)*71)$
211	Undistorted international price if exportable	LC/MT	$IF(77<>"n.a.",77*71,78*(1+80)*71)$
212	Importable	proportion	$(1+81)*75/210-1$
213	Exportable	proportion	$(1+81)*75/211-1$
214	Non tradable	proportion	$83*((1-82)*(1+81)-1)$
215	CTE _i proportion fo farmers	proportion	$IF(212<>"n.a.",212*74,IF(213<>"n.a.",213*74,214*74))$
216			
217	CTE_i: Pesticides		
218	Undistorted international price if importable	LC/MT	$IF(88<>"n.a.",88*71,90*(1+91)*71)$
219	Undistorted international price if exportable	LC/MT	$IF(89<>"n.a.",89*71,90*(1+92)*71)$
220	Importable	proportion	$(1+93)*87/218-1$
221	Exportable	proportion	$(1+93)*87/219-1$
222	Non tradable	proportion	$95*((1-94)*(1+93)-1)$
223	CTE _i proportion fo farmers	proportion	$IF(220<>"n.a.",220*86,IF(221<>"n.a.",221*86,222*86))$
224			
225	CTE_i: Credit		
226	CTE _i proportion fo farmers	proportion	$98*101*((1-100)*(1+99)-1)$
227			
228	CTE_i: Fuel/electricity		
229	CTE _i proportion fo farmers	proportion	$105*108*((1-107)*(1+106)-1)$
230			
231	CTE_i: Other		
232	Undistorted international price if importable	LC/MT	$IF(113<>"n.a.",113*71,115*(1+116)*71)$
233	Undistorted international price if exportable	LC/MT	$IF(114<>"n.a.",114*71,115*(1+117)*71)$
234	Importable	proportion	$(1+118)*112/232-1$
235	Exportable	proportion	$(1+118)*112/233-1$
236	Non tradable	proportion	$120*((1-119)*(1+118)-1)$
237	CTE _i proportion fo farmers	proportion	$IF(234<>"n.a.",234*111,IF(235<>"n.a.",235*111,236*111))$
238			
239	CTE_i: MEMO ITEM: water		
240	CTE _i proportion fo farmers	proportion	$123*126*((1-125)*(1+124)-1)$
241			
242	TOTAL CTE_i	proportion	$215+223+226+229+237$
243			
244	DRA_i: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _i between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	$182-193*([either\ 158\ or\ 159\ or\ (20/(1+179))/15]/162)$
254	Exportable	proportion	$183-193*([either\ 158\ or\ 159\ or\ (20/(1+179))/15]/163)$
255	Non tradable	proportion	$184-193*([either\ 158\ or\ 159\ or\ (20/(1+179))/15]/(21/(1+184)))$
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	$IF(14="M",253,IF(14="X",254,255))$
257			
258	Tariff equivalent of NTBs on importable primary product	proportion	$(166+1)/(22*(1+24)*(1+(67-71)/71))-1-57$
259	Tariff equivalent of NTBs on exportable primary product	proportion	$1+58-((167+1)/(22*(1+24)*(1-(71-68)/71)))$
260			
261	Tariff equivalent of NTBs on importable processed products	proportion	$(182+1)/((1+25)*(1+(69-71)/71))-1-59$
262	Tariff equivalent of NTBs on exportable processed products	proportion	$1+60-((183+1)/((1+25)*(1-(71-70)/71)))$
263			
264	% proportion of NRA_i:		
265	Exchange rate distortions (if importable)	%	$(22*(67-71)/71)/(22*((67-71)/71)+24+22*258+22*57)*100$
266	Import tariffs (if importable)	%	$22*57/(22*((67-71)/71)+24+22*258+22*57)*100$
267	Production subsidies (if importable)	%	$24/(22*((67-71)/71)+24+22*258+22*57)*100$
268	NTBs (if importable)	%	$22*258/(22*((67-71)/71)+24+22*258+22*57)*100$
269	Exchange rate distortions (if exportable)	%	$(-22*(71-68)/71)/(-22*((71-68)/71)+24-22*259+22*58)*100$
270	Export subsidies (if exportable)	%	$22*58/(-22*((71-68)/71)+24-22*259+22*58)*100$
271	Production subsidies (if exportable)	%	$24/(-22*((71-68)/71)+24-22*259+22*58)*100$
272	NTBs (if exportable)	%	$(-22)*259/(-22*((71-68)/71)+24-22*259+22*58)*100$
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	$((69-71)/71)/(((69-71)/71)+25+261+59)*100$
276	Import tariffs (if importable)	%	$59/(((69-71)/71)+25+261+59)*100$
277	Production subsidies (if importable)	%	$25/(((69-71)/71)+25+261+59)*100$
278	NTBs (if importable)	%	$261/(((69-71)/71)+25+261+59)*100$
279	Exchange rate distortions (if exportable)	%	$(-(71-70)/71)/(-((71-70)/71)+25-262+60)*100$
280	Export subsidies (if exportable)	%	$60/(-((71-70)/71)+25-262+60)*100$
281	Production subsidies (if exportable)	%	$25/(-((71-70)/71)+25-262+60)*100$

CONSUMER TAX EQUIVALENT (intermediate inputs)

DIRECT RATE OF ASSISTANCE

NTBs

% OF NRA

283				
284	% OF DRA	% proportion of DRA_i:		
285		CTE _i	%	(-100)*242/251
286				
287		% proportion of DRA_p:		
288	CTE _p	%	(-100)*193/256	
289				
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)		
291		Importable	LC	4*158
292		Exportable	LC	4*159
293		Non tradable	LC	4*20/(1+[either 176 or 177 or 178 or 171])
294		Value of primary prod. from rows 291,292,293 according to trading status	LC	IF(E2="M",E291,IF(E2="X",E292,E293))
295				
296		Value of processed production (at wholesale undistorted prices)		
297		Importable	LC	150*162
298		Exportable	LC	150*163
299		Non tradable	LC	150*21/(1+184)
300	Value of primary prod. from rows 297,298,299 according to trading status	LC	IF(14="M",297,IF(14="X",298,299))	
301				
302	Value of h'hold primary consumption (at wholesale undistorted price)			
303	Importable	LC	12*158	
304	Exportable	LC	12*159	
305	Non tradable	LC	12*20/(1+[either 176 or 177 or 178 or 171])	
306	Value of primary cons. from rows 303,304,305 according to trading status	LC	IF(2="M",303,IF(2="X",304,305))	
307				
308	Value of h'hold processed cons. (at wholesale undistorted price)			
309	Importable	LC	151*162	
310	Exportable	LC	151*163	
311	Non tradable	LC	151*21/(1+184)	
312	Value of processed cons. from lines 309,310,311 according to trading statu	LC	IF(14="M",309,IF(14="X",310,311))	
313				
314	DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT	IF(128<>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130/(1+129)))
315		Markup on farm-gate price (transportation, storage, etc.)	proportion	IF(129<>"n.a.",129,IF(OR(128,130="n.a."),"n.a.",130/128-1))
316		Wholesale price for primary good (P _w) (from line 20)	LC/MT	130
317				
318		Primary good:		
319		Retail markup on primary wholesale prices (net of consumption tax)	proportion	33<>"n.a.",133,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",134/(130*(1+26)
320		Retail price for primary good (P _r) (including consumption tax)	LC/MT	4<>"n.a.",134,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",130*(1+133)*(1+
321				
322		Processed goods:		
323		Markup on primary wholesale price (processing costs, etc.)	proportion	IF(137<>"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/130-1))
324	Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138	
325	Retail markup on processed wholesale prices (net of consumption tax)	proportion	39<>"n.a.",139,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",140/(138*(1+27)	
326	Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	0<>"n.a.",140,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",138*(1+139)*(1+	
327				
328	Markup on primary wholesale price net of conversion factor	proportion	IF(OR(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/130-1)	
329				
330	OTHER	Comparison of markup on farm-gate price with NRA _i	%	100*315/172
331				
332		Domestic margins and distortions to primary good (P _f / P _{lob})	proportion	314/159
333				
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71	

1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	n.a.
4	Production (Cattle)	MT	Bureau of Agricultural Statistics
5	Imports (Live Cattle)	No. of heads	Food and Agriculture Organization
6	Exports	MT	n.a.
7	Change in stocks	MT	n.a.
8	Own input use (feed)	MT	n.a.
9	Other input use (seed)	MT	n.a.
10	Input into food processing	MT	n.a.
11	Input into industrial use	MT	n.a.
12	Domestic final consumption of primary product	MT	n.a.
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports (Beef)	MT	Food and Agriculture Organization
17	Exports	MT	Food and Agriculture Organization
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	n.a.
21	Wholesale price for processed goods (P_{wp}) (Beef)	LC/MT	National Statistics Office
22	Transmission factor from NRA to NRA ($0 \leq \theta \leq 1$ (I-O coefficient))	proportion	n.a.
23			
24	Subsidy to primary good production ($s_f < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA to NRA ($0 \leq \theta \leq 1$ (I-O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_f)	$0 \leq \lambda_f \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P)	US\$/MT	n.a.
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp})	US\$/MT	n.a.
45	fob export price (P_{xp})	US\$/MT	n.a.
46	International reference price (P_p) (Beef)	US\$/MT	World Bank
47	International trading cost for imports (T_{mp}) (20%)	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_x < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{xp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	Central Bank
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	F(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	F(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	3="n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66))

72			
73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mm}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{m}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mm}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_m) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mm}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_m) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mm}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_m) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mm}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_m) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mm}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_m) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_i < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	20
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	21
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

Section 2		(Endogenous data)	
142	Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7
143	Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12
144			
145	% of production exported in primary farm	%	100*6/4
146	% of primary production that is processed	%	100*10/4
147	% of primary production for industrial use	%	100*11/4
148	% of domestic utilization imported	%	100*5/142
149			
150	processed output	MT	10*15
151	domestic final consumption of processed product	MT	150+16-17-18
152			
153	% processed output exported	%	100*17/150
154	% of domestic processed consumption imported in processed form	%	100*16/151
155	% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)
156			
157	Undistorted international price - primary products (P_i)		
158	Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))
159	Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))
160			
161	Undistorted international price - processed products (P_{ip})		
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))
164			
165	NRA_i: Farm-gate price		
166	If primary is importable	proportion	(1+24)*(1+22*(20/158-1))-1
167	If primary is exportable	proportion	(1+24)*(1+22*(20/159-1))-1
168	If primary is non tradable and processed is importable	proportion	+31*((1+24)*(1-26)-1)*(1+22*30*((1+25)*21/162-1)
169	If primary is non tradable and processed is exportable	proportion	+31*((1+24)*(1-26)-1)*(1+22*30*((1+25)*21/163-1)
170	If primary is non tradable and processed is non tradable	proportion	31*((1+24)*(1-26)-1)*(1+22*30*34*((1+25)*(1-27)-1)
171	If primary is non tradable and no processed good exists	proportion	31*((1+24)*(1-26)-1)
172	Selecting NRA _i between lines 166 and 171 according to trading status	proportion	too long to be displayed here. Please click on the c
173	NRA: Primary good		
174	If primary is importable	proportion	20/158-1
175	If primary is exportable	proportion	20/159-1
176	If primary is non tradable and processed is importable	proportion	30*((1+25)*21/162-1)
177	If primary is non tradable and processed is exportable	proportion	30*((1+25)*21/163-1)
178	If primary is non tradable and processed is non tradable	proportion	30*34*((1+25)*(1-27)-1)
179	Selecting NRA between lines 174 and 178 according to trading status	proportion	too long to be displayed here. Please click on the c
180			
181	NRA_p: Processed goods		
182	Importable	proportion	(1+25)*21/162-1
183	Exportable	proportion	(1+25)*21/163-1
184	Non tradable	proportion	34*((1+25)*(1-27)-1)
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))
186			
187	CTE_p: Processing sector		
188	If primary is importable	proportion	174
189	If primary is exportable	proportion	175
190	If primary is non tradable and processed is importable	proportion	176
191	If primary is non tradable and processed is exportable	proportion	177
192	If primary is non tradable and processed is non tradable	proportion	178
193	Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179
194			
195	CTE_c: Consumers, primary good		
196	If primary is importable	proportion	(1+26)*20/158-1
197	If primary is exportable	proportion	(1+26)*20/159-1
198	If primary is non tradable and processed is importable	proportion	1-31*((1-24)*(1+26)-1)*(1+22*30*((1+25)*21/162-1)
199	If primary is non tradable and processed is exportable	proportion	1-31*((1-24)*(1+26)-1)*(1+22*30*((1+25)*21/163-1)
200	If primary is non tradable and processed is non tradable	proportion	-31*((1-24)*(1+26)-1)*(1+22*30*34*((1+25)*(1-27)-1)
201	If primary is non tradable and no processed good exists	proportion	(1-31)*(1-24)*(1+26)-1
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	too long to be displayed here. Please click on the c
203	CTE_{cp}: Consumers, processed goods		
204	Importable	proportion	(1+27)*21/162-1
205	Exportable	proportion	(1+27)*21/163-1
206	Non tradable	proportion	(1-34)*(1-25)*(1+27)-1
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status		IF(14="M",204, IF(14="X",205,206))
208			

209	CTE_i: Fertilizers		
210	Undistorted international price if importable	LC/MT	$IF(76<>"n.a.",76*71,78*(1+79)*71)$
211	Undistorted international price if exportable	LC/MT	$IF(77<>"n.a.",77*71,78*(1+80)*71)$
212	Importable	proportion	$(1+81)*75/210-1$
213	Exportable	proportion	$(1+81)*75/211-1$
214	Non tradable	proportion	$83*((1-82)*(1+81)-1)$
215	CTE _i proportion fo farmers	proportion	$(212<>"n.a.",212*74,IF(213<>"n.a.",213*74,214*74)$
216			
217	CTE_i: Pesticides		
218	Undistorted international price if importable	LC/MT	$IF(88<>"n.a.",88*71,90*(1+91)*71)$
219	Undistorted international price if exportable	LC/MT	$IF(89<>"n.a.",89*71,90*(1+92)*71)$
220	Importable	proportion	$(1+93)*87/218-1$
221	Exportable	proportion	$(1+93)*87/219-1$
222	Non tradable	proportion	$95*((1-94)*(1+93)-1)$
223	CTE _i proportion fo farmers	proportion	$(220<>"n.a.",220*86,IF(221<>"n.a.",221*86,222*86)$
224			
225	CTE_i: Credit		
226	CTE _i proportion fo farmers	proportion	$98*101*((1-100)*(1+99)-1)$
227			
228	CTE_i: Fuel/electricity		
229	CTE _i proportion fo farmers	proportion	$105*108*((1-107)*(1+106)-1)$
230			
231	CTE_i: Other		
232	Undistorted international price if importable	LC/MT	$IF(113<>"n.a.",113*71,115*(1+116)*71)$
233	Undistorted international price if exportable	LC/MT	$IF(114<>"n.a.",114*71,115*(1+117)*71)$
234	Importable	proportion	$(1+118)*112/232-1$
235	Exportable	proportion	$(1+118)*112/233-1$
236	Non tradable	proportion	$120*((1-119)*(1+118)-1)$
237	CTE _i proportion fo farmers	proportion	$34<>"n.a.",234*111,IF(235<>"n.a.",235*111,236*111)$
238			
239	CTE_i: MEMO ITEM: water		
240	CTE _i proportion fo farmers	proportion	$123*126*((1-125)*(1+124)-1)$
241			
242	TOTAL CTE_i	proportion	$215+223+226+229+237$
243			
244	DRA_i: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _i between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	$182-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/162)$
254	Exportable	proportion	$183-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/163)$
255	Non tradable	proportion	$193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/(21/(1+179)))$
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	$IF(14="M",253, IF(14="X",254,255))$
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	$(166+1)/(22*(1+24)*(1+(67-71)/71))-1-57$
260	Tariff equivalent of NTBs on exportable primary product	proportion	$1+58-((167+1)/(22*(1+24)*(1-(71-68)/71)))$
261	Tariff equivalent of NTBs on importable processed products	proportion	$(182+1)/((1+25)*(1+(69-71)/71))-1-59$
262	Tariff equivalent of NTBs on exportable processed products	proportion	$1+60-((183+1)/((1+25)*(1-(71-70)/71)))$
263			
264	% proportion of NRA_i:		
265	Exchange rate distortions (if importable)	%	$*(67-71)/71)/(22*((67-71)/71)+24+22*258+22*57)*100$
266	Import tariffs (if importable)	%	$22*57/(22*((67-71)/71)+24+22*258+22*57)*100$
267	Production subsidies (if importable)	%	$24/(22*((67-71)/71)+24+22*258+22*57)*100$
268	NTBs (if importable)	%	$22*258/(22*((67-71)/71)+24+22*258+22*57)*100$
269	Exchange rate distortions (if exportable)	%	$*(71-68)/71)/(-22*((71-68)/71)+24-22*259+22*58)*100$
270	Export subsidies (if exportable)	%	$22*58/(-22*((71-68)/71)+24-22*259+22*58)*100$
271	Production subsidies (if exportable)	%	$24/(-22*((71-68)/71)+24-22*259+22*58)*100$
272	NTBs (if exportable)	%	$(-22)*259/(-22*((71-68)/71)+24-22*259+22*58)*100$
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	$((69-71)/71)/(((69-71)/71)+25+261+59)*100$
276	Import tariffs (if importable)	%	$59/(((69-71)/71)+25+261+59)*100$
277	Production subsidies (if importable)	%	$25/(((69-71)/71)+25+261+59)*100$
278	NTBs (if importable)	%	$261/(((69-71)/71)+25+261+59)*100$
279	Exchange rate distortions (if exportable)	%	$(-(71-70)/71)/(-(71-70)/71)+25-262+60)*100$
280	Export subsidies (if exportable)	%	$60/(-(71-70)/71)+25-262+60)*100$
281	Production subsidies (if exportable)	%	$25/(-(71-70)/71)+25-262+60)*100$

283				
284	% OF DRA	% proportion of DRA_i:		
285		CTE _i	%	(-100)*242/251
286				
287	% OF DRA	% proportion of DRA_p:		
288		CTE _p	%	(-100)*193/256
289				
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)		
291		Importable	LC	4*158
292		Exportable	LC	4*159
293		Non tradable	LC	4*20/(1+[either 176 or 177 or 178 or 171])
294		Value of primary prod. from rows 291,292,293 according to trading status	LC	IF(E2="M",E291,IF(E2="X",E292,E293))
295				
296		Value of processed production (at wholesale undistorted prices)		
297		Importable	LC	150*162
298		Exportable	LC	150*163
299		Non tradable	LC	150*21/(1+184)
300		Value of primary prod. from rows 297,298,299 according to trading status	LC	IF(14="M",297,IF(14="X",298,299))
301				
302	Value of h'hold primary consumption (at wholesale undistorted price)			
303	Importable	LC	12*158	
304	Exportable	LC	12*159	
305	Non tradable	LC	12*20/(1+[either 176 or 177 or 178 or 171])	
306	Value of primary cons. from rows 303,304,305 according to trading status	LC	IF(2="M",303,IF(2="X",304,305))	
307				
308	Value of h'hold processed cons. (at wholesale undistorted price)			
309	Importable	LC	151*162	
310	Exportable	LC	151*163	
311	Non tradable	LC	151*21/(1+184)	
312	Value of processed cons. from lines 309,310,311 according to trading statu	LC	IF(14="M",309,IF(14="X",310,311))	
313				
314	DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT	{>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130/(1+
315		Markup on farm-gate price (transportation, storage, etc.)	proportion	9<"n.a.",129,IF(OR(128,130="n.a."),"n.a.",130/12
316		Wholesale price for primary good (P _w) (from line 20)	LC/MT	130
317				
318		Primary good:		
319		Retail markup on primary wholesale prices (net of consumption tax)	proportion	3,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",13
320		Retail price for primary good (P _r) (including consumption tax)	LC/MT	4,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",130
321				
322		Processed goods:		
323		Markup on primary wholesale price (processing costs, etc.)	proportion	7<"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/13
324		Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138
325		Retail markup on processed wholesale prices (net of consumption tax)	proportion	9,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",140
326	Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",138	
327				
328	Markup on primary wholesale price net of conversion factor	proportion	R(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/1	
329				
330	OTHER	Comparison of markup on farm-gate price with NRA _i	%	100*315/172
331				
332		Domestic margins and distortions to primary good (P _i / P _{lob})	proportion	314/159
333				
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71	

1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	n.a.
4	Production	MT	FAO indigenous pigmeat
5	Imports	No. of heads	Food and Agriculture Organization
6	Exports	MT	Food and Agriculture Organization
7	Change in stocks	MT	n.a.
8	Own input use (feed)	MT	n.a.
9	Other input use (seed)	MT	n.a.
10	Input into food processing	MT	n.a.
11	Input into industrial use	MT	n.a.
12	Domestic final consumption of primary product (Pigmeat)	MT	Food and Agriculture Organization
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports (Pigmeat)	MT	Food and Agriculture Organization
17	Exports (Pigmeat)	MT	Food and Agriculture Organization
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	FAO indigenous pigmeat
21	Wholesale price for processed goods (P_{wp}) (Pork lean meat)	LC/MT	National Statistics Office
22	Transmission factor from NRA to NRA ($0 < \theta < 1$: I-O coefficient)	proportion	n.a.
23			
24	Subsidy to primary good production ($s_f < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA _p to NRA ($0 < \theta < 1$: I-O coefficient)	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_f)	$0 \leq \lambda_f \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P)	US\$/MT	n.a.
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp}) Pork/Singapore	US\$/MT	Food and Agriculture Organization
45	fob export price (P_{xp})	US\$/MT	n.a.
46	International reference price (P_p)	US\$/MT	n.a.
47	International trading cost for imports (T_{mp})	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_c < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{cp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	Central Bank
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66)/2))

PART 1: QUANTITIES

PART 2: DOMESTIC VARIABLES

PART 3: INTERNATIONAL VARIABLES
(to be filled in only for tradable goods)

72			
73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	n.a.
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	21
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

PART 4: INTERMEDIATE INPUT MARKET

PART 5: OPTIONAL DOMESTIC PRICES AND MARGINS

Section 2		(Endogenous data)	
141			
142	Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7
143	Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12
144			
145	% of production exported in primary farm	%	100*6/4
146	% of primary production that is processed	%	100*10/4
147	% of primary production for industrial use	%	100*11/4
148	% of domestic utilization imported	%	100*5/142
149			
150	processed output	MT	10*15
151	domestic final consumption of processed product	MT	150+16-17-18
152			
153	% processed output exported	%	100*17/150
154	% of domestic processed consumption imported in processed form	%	100*16/151
155	% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)
156			
157	Undistorted international price - primary products (P_i)		
158	Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))
159	Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))
160			
161	Undistorted international price - processed products (P_{ip})		
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))
164			
165	NRA_i: Farm-gate price		
166	If primary is importable	proportion	(1+24)*(1+22*(20/158-1))-1
167	If primary is exportable	proportion	(1+24)*(1+22*(20/159-1))-1
168	If primary is non tradable and processed is importable	proportion	(1+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/162-1))-1
169	If primary is non tradable and processed is exportable	proportion	(1+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/163-1))-1
170	If primary is non tradable and processed is non tradable	proportion	(1+31*((1+24)*(1-26)-1))*(1+22*30*34*((1+25)*(1-27)-1))-1
171	If primary is non tradable and no processed good exists	proportion	31*((1+24)*(1-26)-1)
172	Selecting NRA _i between lines 166 and 171 according to trading status	proportion	'he formula is too long to be displayed here. Please click on the cell to the right'
173	NRA: Primary good		
174	If primary is importable	proportion	20/158-1
175	If primary is exportable	proportion	20/159-1
176	If primary is non tradable and processed is importable	proportion	30*((1+25)*21/162-1)
177	If primary is non tradable and processed is exportable	proportion	30*((1+25)*21/163-1)
178	If primary is non tradable and processed is non tradable	proportion	30*34*((1+25)*(1-27)-1)
179	Selecting NRA between lines 174 and 178 according to trading status	proportion	'he formula is too long to be displayed here. Please click on the cell to the right'
180			
181	NRA_p: Processed goods		
182	Importable	proportion	(1+25)*21/162-1
183	Exportable	proportion	(1+25)*21/163-1
184	Non tradable	proportion	34*((1+25)*(1-27)-1)
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))
186			
187	CTE_p: Processing sector		
188	If primary is importable	proportion	174
189	If primary is exportable	proportion	175
190	If primary is non tradable and processed is importable	proportion	176
191	If primary is non tradable and processed is exportable	proportion	177
192	If primary is non tradable and processed is non tradable	proportion	178
193	Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179
194			
195	CTE_c: Consumers, primary good		
196	If primary is importable	proportion	(1+26)*20/158-1
197	If primary is exportable	proportion	(1+26)*20/159-1
198	If primary is non tradable and processed is importable	proportion	(1+(1-31)*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/162-1))-1
199	If primary is non tradable and processed is exportable	proportion	(1+(1-31)*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/163-1))-1
200	If primary is non tradable and processed is non tradable	proportion	(1+(1-31)*((1-24)*(1+26)-1))*(1+22*30*34*((1+25)*(1-27)-1))-1
201	If primary is non tradable and no processed good exists	proportion	(1-31)*((1-24)*(1+26)-1)
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	'he formula is too long to be displayed here. Please click on the cell to the right'
203	CTE_{cp}: Consumers, processed goods		
204	Importable	proportion	(1+27)*21/162-1
205	Exportable	proportion	(1+27)*21/163-1
206	Non tradable	proportion	(1-34)*((1-25)*(1+27)-1)
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status		IF(14="M",204, IF(14="X",205,206))
208			

209	CTE_f: Fertilizers		
210	Undistorted international price if importable	LC/MT	$IF(76 < > "n.a.", 76 * 71, 78 * (1 + 79) * 71)$
211	Undistorted international price if exportable	LC/MT	$IF(77 < > "n.a.", 77 * 71, 78 * (1 + 80) * 71)$
212	Importable	proportion	$(1 + 81) * 75 / 210 - 1$
213	Exportable	proportion	$(1 + 81) * 75 / 211 - 1$
214	Non tradable	proportion	$83 * ((1 - 82) * (1 + 81) - 1)$
215	CTE _f proportion fo farmers	proportion	$IF(212 < > "n.a.", 212 * 74, IF(213 < > "n.a.", 213 * 74, 214 * 74))$
216			
217	CTE_f: Pesticides		
218	Undistorted international price if importable	LC/MT	$IF(88 < > "n.a.", 88 * 71, 90 * (1 + 91) * 71)$
219	Undistorted international price if exportable	LC/MT	$IF(89 < > "n.a.", 89 * 71, 90 * (1 + 92) * 71)$
220	Importable	proportion	$(1 + 93) * 87 / 218 - 1$
221	Exportable	proportion	$(1 + 93) * 87 / 219 - 1$
222	Non tradable	proportion	$95 * ((1 - 94) * (1 + 93) - 1)$
223	CTE _f proportion fo farmers	proportion	$IF(220 < > "n.a.", 220 * 86, IF(221 < > "n.a.", 221 * 86, 222 * 86))$
224			
225	CTE_f: Credit		
226	CTE _f proportion fo farmers	proportion	$98 * 101 * ((1 - 100) * (1 + 99) - 1)$
227			
228	CTE_f: Fuel/electricity		
229	CTE _f proportion fo farmers	proportion	$105 * 108 * ((1 - 107) * (1 + 106) - 1)$
230			
231	CTE_f: Other		
232	Undistorted international price if importable	LC/MT	$IF(113 < > "n.a.", 113 * 71, 115 * (1 + 116) * 71)$
233	Undistorted international price if exportable	LC/MT	$IF(114 < > "n.a.", 114 * 71, 115 * (1 + 117) * 71)$
234	Importable	proportion	$(1 + 118) * 112 / 232 - 1$
235	Exportable	proportion	$(1 + 118) * 112 / 233 - 1$
236	Non tradable	proportion	$120 * ((1 - 119) * (1 + 118) - 1)$
237	CTE _f proportion fo farmers	proportion	$IF(234 < > "n.a.", 234 * 111, IF(235 < > "n.a.", 235 * 111, 236 * 111))$
238			
239	CTE_f: MEMO ITEM: water		
240	CTE _f proportion fo farmers	proportion	$123 * 126 * ((1 - 125) * (1 + 124) - 1)$
241			
242	TOTAL CTE_f	proportion	215+223+226+229+237
243			
244	DRA_f: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _f between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	$182 - 193 * ((\text{either } 158 \text{ or } 159 \text{ or } (20 / (1 + 179))) / 15) / 162$
254	Exportable	proportion	$183 - 193 * ((\text{either } 158 \text{ or } 159 \text{ or } (20 / (1 + 179))) / 15) / 163$
255	Non tradable	proportion	$184 - 193 * ((\text{either } 158 \text{ or } 159 \text{ or } (20 / (1 + 179))) / 15) / (21 / (1 + 184))$
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	$IF(14 = "M", 253, IF(14 = "X", 254, 255))$
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	$(166 + 1) / (22 * (1 + 24) * (1 + (67 - 71) / 71)) - 1 - 57$
260	Tariff equivalent of NTBs on exportable primary product	proportion	$1 + 58 - ((167 + 1) / (22 * (1 + 24) * (1 - (71 - 68) / 71)))$
261	Tariff equivalent of NTBs on importable processed products	proportion	$(182 + 1) / ((1 + 25) * (1 + (69 - 71) / 71)) - 1 - 59$
262	Tariff equivalent of NTBs on exportable processed products	proportion	$1 + 60 - ((183 + 1) / ((1 + 25) * (1 - (71 - 70) / 71)))$
263			
264	% proportion of NRA:		
265	Exchange rate distortions (if importable)	%	$(22 * (67 - 71) / 71) / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
266	Import tariffs (if importable)	%	$22 * 57 / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
267	Production subsidies (if importable)	%	$24 / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
268	NTBs (if importable)	%	$22 * 258 / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
269	Exchange rate distortions (if exportable)	%	$(-22 * (71 - 68) / 71) / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
270	Export subsidies (if exportable)	%	$22 * 58 / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
271	Production subsidies (if exportable)	%	$24 / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
272	NTBs (if exportable)	%	$(-22) * 259 / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	$((69 - 71) / 71) / (((69 - 71) / 71) + 25 + 261 + 59) * 100$
276	Import tariffs (if importable)	%	$59 / (((69 - 71) / 71) + 25 + 261 + 59) * 100$
277	Production subsidies (if importable)	%	$25 / (((69 - 71) / 71) + 25 + 261 + 59) * 100$
278	NTBs (if importable)	%	$261 / (((69 - 71) / 71) + 25 + 261 + 59) * 100$
279	Exchange rate distortions (if exportable)	%	$(-(71 - 70) / 71) / (-(71 - 70) / 71) + 25 - 262 + 60) * 100$
280	Export subsidies (if exportable)	%	$60 / (-(71 - 70) / 71) + 25 - 262 + 60) * 100$
281	Production subsidies (if exportable)	%	$25 / (-(71 - 70) / 71) + 25 - 262 + 60) * 100$

283				
284	% OF DRA	% proportion of DRA_t:		
285		CTE _t	%	(-100)*242/251
286				
287		% proportion of DRA_p:		
288		CTE _p	%	(-100)*193/256
289				
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)		
291		Importable	LC	4*158
292		Exportable	LC	4*159
293		Non tradable	LC	4*20/(1+[either 176 or 177 or 178 or 171])
294		Value of primary prod. from rows 291,292,293 according to trading status	LC	IF(E2="M",E291,IF(E2="X",E292,E293))
295				
296		Value of processed production (at wholesale undistorted prices)		
297		Importable	LC	150*162
298		Exportable	LC	150*163
299		Non tradable	LC	150*21/(1+184)
300		Value of primary prod. from rows 297,298,299 according to trading status	LC	IF(14="M",297,IF(14="X",298,299))
301				
302	Value of h'hold primary consumption (at wholesale undistorted price)			
303	Importable	LC	12*158	
304	Exportable	LC	12*159	
305	Non tradable	LC	12*20/(1+[either 176 or 177 or 178 or 171])	
306	Value of primary cons. from rows 303,304,305 according to trading status	LC	IF(2="M",303,IF(2="X",304,305))	
307				
308	Value of h'hold processed cons. (at wholesale undistorted price)			
309	Importable	LC	151*162	
310	Exportable	LC	151*163	
311	Non tradable	LC	151*21/(1+184)	
312	Value of processed cons. from lines 309,310,311 according to trading statu:	LC	IF(14="M",309,IF(14="X",310,311))	
313				
314	DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT	IF(128<>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130/(1+129)))
315		Markup on farm-gate price (transportation, storage, etc.)	proportion	IF(129<>"n.a.",129,IF(OR(128,130="n.a."),"n.a.",130/(128-1)))
316		Wholesale price for primary good (P _w) (from line 20)	LC/MT	130
317				
318		Primary good:		
319		Retail markup on primary wholesale prices (net of consumption tax)	proportion	33<>"n.a.",133,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",134/(130*(1+26))
320		Retail price for primary good (P _r) (including consumption tax)	LC/MT	34<>"n.a.",134,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",130*(1+133)*(1+
321				
322		Processed goods:		
323		Markup on primary wholesale price (processing costs, etc.)	proportion	IF(137<>"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/(130-1)))
324		Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138
325		Retail markup on processed wholesale prices (net of consumption tax)	proportion	39<>"n.a.",139,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",140/(138*(1+27))
326	Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	40<>"n.a.",140,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",138*(1+139)*(1+	
327				
328	Markup on primary wholesale price net of conversion factor	proportion	IF(OR(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/130-1)	
329				
330	OTHER	Comparison of markup on farm-gate price with NRA _t	%	100*315/172
331				
332		Domestic margins and distortions to primary good (P _t / P _{lob})	proportion	314/159
333				
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71	

1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	n.a.
4	Production (Chickens)	No. of heads	Food and Agriculture Organization
5	Imports	No. of heads	Food and Agriculture Organization
6	Exports	MT	Food and Agriculture Organization
7	Change in stocks	MT	n.a.
8	Own input use (feed)	MT	n.a.
9	Other input use (seed)	MT	n.a.
10	Input into food processing	MT	n.a.
11	Input into industrial use	MT	n.a.
12	Domestic final consumption of primary product	MT	n.a.
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports (Chicken meat)	MT	Food and Agriculture Organization
17	Exports (Chicken meat)	MT	Food and Agriculture Organization
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	n.a.
21	Wholesale price for processed goods (P_{wp}) (Dressed)	LC/MT	National Statistics Office
22	Transmission factor from NRA to NRA ($0 \leq \theta \leq 1$ (I-O coefficient))	proportion	n.a.
23			
24	Subsidy to primary good production ($s_r < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA to NRA ($0 \leq \theta \leq 1$ (I-O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_r)	$0 \leq \lambda_r \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P)	US\$/MT	n.a.
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp}) Dressed/Singapore	US\$/MT	Food and Agriculture Organization
45	fob export price (P_{xp})	US\$/MT	n.a.
46	International reference price (P_p)	US\$/MT	n.a.
47	International trading cost for imports (T_{mp})	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_r < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{xp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	Central Bank
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	63="n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66))

PART 3: INTERNATIONAL VARIABLES
(to be filled in only for tradable goods)

PART 1: QUANTITIES

PART 2: DOMESTIC VARIABLES

73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_p < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_p < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_p < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_p < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_p < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_p < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1-\lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	20
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	21
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

PART 4: INTERMEDIATE INPUT MARKET

PART 5: OPTIONAL DOMESTIC PRICES AND MARGINS

		data)		
142		Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7
143		Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12
144				
145	PRIMARY PRODUCT	% of production exported in primary farm	%	100*6/4
146		% of primary production that is processed	%	100*10/4
147		% of primary production for industrial use	%	100*11/4
148		% of domestic utilization imported	%	100*5/142
149				
150	PROCESSED PRODUCTS	processed output	MT	10*15
151		domestic final consumption of processed product	MT	150+16-17-18
152				
153		% processed output exported	%	100*17/150
154		% of domestic processed consumption imported in processed form	%	100*16/151
155		% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)
156				
157	UNDISTORTED INTERNATIONAL PRICES	Undistorted international price - primary products (P_i)		
158		Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))
159		Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))
160				
161		Undistorted international price - processed products (P_{ip})		
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))	
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))	
164				
165	NOMINAL RATE OF ASSISTANCE	NRA_i: Farm-gate price		
166		If primary is importable	proportion	$(1+24)^*(1+22*(20/158-1))-1$
167		If primary is exportable	proportion	$(1+24)^*(1+22*(20/159-1))-1$
168		If primary is non tradable and processed is importable	proportion	$1+31*((1+24)^*(1-26)-1))*(1+22*30*((1+25)^*21/162-1))-1$
169		If primary is non tradable and processed is exportable	proportion	$1+31*((1+24)^*(1-26)-1))*(1+22*30*((1+25)^*21/163-1))-1$
170		If primary is non tradable and processed is non tradable	proportion	$+31*((1+24)^*(1-26)-1))*(1+22*30*34*((1+25)^*(1-27)-1))$
171		If primary is non tradable and no processed good exists	proportion	$31*((1+24)^*(1-26)-1)$
172		Selecting NRA _i between lines 166 and 171 according to trading status	proportion	s too long to be displayed here. Please click on the ce
173		NRA: Primary good		
174		If primary is importable	proportion	20/158-1
175		If primary is exportable	proportion	20/159-1
176		If primary is non tradable and processed is importable	proportion	$30*((1+25)^*21/162-1)$
177		If primary is non tradable and processed is exportable	proportion	$30*((1+25)^*21/163-1)$
178		If primary is non tradable and processed is non tradable	proportion	$30*34*((1+25)^*(1-27)-1)$
179		Selecting NRA between lines 174 and 178 according to trading status	proportion	s too long to be displayed here. Please click on the ce
180				
181		NRA_p: Processed goods		
182	Importable	proportion	$(1+25)^*21/162-1$	
183	Exportable	proportion	$(1+25)^*21/163-1$	
184	Non tradable	proportion	$34*((1+25)^*(1-27)-1)$	
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))	
186				
187	CONSUMER TAX EQUIVALENT	CTE_p: Processing sector		
188		If primary is importable	proportion	174
189		If primary is exportable	proportion	175
190		If primary is non tradable and processed is importable	proportion	176
191		If primary is non tradable and processed is exportable	proportion	177
192		If primary is non tradable and processed is non tradable	proportion	178
193		Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179
194				
195			CTE_c: Consumers, primary good	
196		If primary is importable	proportion	$(1+26)^*20/158-1$
197		If primary is exportable	proportion	$(1+26)^*20/159-1$
198		If primary is non tradable and processed is importable	proportion	$+(1-31)*((1-24)^*(1+26)-1))*(1+22*30*((1+25)^*21/162-1)$
199		If primary is non tradable and processed is exportable	proportion	$+(1-31)*((1-24)^*(1+26)-1))*(1+22*30*((1+25)^*21/163-1)$
200		If primary is non tradable and processed is non tradable	proportion	$+(1-31)*((1-24)^*(1+26)-1))*(1+22*30*34*((1+25)^*(1-27)-1)$
201		If primary is non tradable and no processed good exists	proportion	$(1-31)*((1-24)^*(1+26)-1)$
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	s too long to be displayed here. Please click on the ce	
203		CTE_{cp}: Consumers, processed goods		
204	Importable	proportion	$(1+27)^*21/162-1$	
205	Exportable	proportion	$(1+27)^*21/163-1$	
206	Non tradable	proportion	$(1-34)*((1-25)^*(1+27)-1)$	
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status		IF(14="M",204, IF(14="X",205,206))	
208				

209	CTE_i: Fertilizers		
210	Undistorted international price if importable	LC/MT	$IF(76 <> "n.a.", 76*71, 78*(1+79)*71)$
211	Undistorted international price if exportable	LC/MT	$IF(77 <> "n.a.", 77*71, 78*(1+80)*71)$
212	Importable	proportion	$(1+81)*75/210-1$
213	Exportable	proportion	$(1+81)*75/211-1$
214	Non tradable	proportion	$83*((1-82)*(1+81)-1)$
215	CTE _i proportion fo farmers	proportion	$IF(212 <> "n.a.", 212*74, IF(213 <> "n.a.", 213*74, 214*74))$
216			
217	CTE_i: Pesticides		
218	Undistorted international price if importable	LC/MT	$IF(88 <> "n.a.", 88*71, 90*(1+91)*71)$
219	Undistorted international price if exportable	LC/MT	$IF(89 <> "n.a.", 89*71, 90*(1+92)*71)$
220	Importable	proportion	$(1+93)*87/218-1$
221	Exportable	proportion	$(1+93)*87/219-1$
222	Non tradable	proportion	$95*((1-94)*(1+93)-1)$
223	CTE _i proportion fo farmers	proportion	$IF(220 <> "n.a.", 220*86, IF(221 <> "n.a.", 221*86, 222*86))$
224			
225	CTE_i: Credit		
226	CTE _i proportion fo farmers	proportion	$98*101*((1-100)*(1+99)-1)$
227			
228	CTE_i: Fuel/electricity		
229	CTE _i proportion fo farmers	proportion	$105*108*((1-107)*(1+106)-1)$
230			
231	CTE_i: Other		
232	Undistorted international price if importable	LC/MT	$IF(113 <> "n.a.", 113*71, 115*(1+116)*71)$
233	Undistorted international price if exportable	LC/MT	$IF(114 <> "n.a.", 114*71, 115*(1+117)*71)$
234	Importable	proportion	$(1+118)*112/232-1$
235	Exportable	proportion	$(1+118)*112/233-1$
236	Non tradable	proportion	$120*((1-119)*(1+118)-1)$
237	CTE _i proportion fo farmers	proportion	$(234 <> "n.a.", 234*111, IF(235 <> "n.a.", 235*111, 236*111))$
238			
239	CTE_i: MEMO ITEM: water		
240	CTE _i proportion fo farmers	proportion	$123*126*((1-125)*(1+124)-1)$
241			
242	TOTAL CTE_i	proportion	$215+223+226+229+237$
243			
244	DRA_i: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _i between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	$182-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/162)$
254	Exportable	proportion	$183-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/163)$
255	Non tradable	proportion	$4-193*((\text{either } 158 \text{ or } 159 \text{ or } (20/(1+179))/15)/21/(1+18))$
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	$IF(14="M", 253, IF(14="X", 254, 255))$
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	$(166+1)/(22*(1+24)*(1+(67-71)/71))-1-57$
260	Tariff equivalent of NTBs on exportable primary product	proportion	$1+58-((167+1)/(22*(1+24)*(1-(71-68)/71)))$
261	Tariff equivalent of NTBs on importable processed products	proportion	$(182+1)/((1+25)*(1+(69-71)/71))-1-59$
262	Tariff equivalent of NTBs on exportable processed products	proportion	$1+60-((183+1)/((1+25)*(1-(71-70)/71)))$
263			
264	% proportion of NRA_i:		
265	Exchange rate distortions (if importable)	%	$22*(67-71)/71/(22*((67-71)/71)+24+22*258+22*57)*10$
266	Import tariffs (if importable)	%	$22*57/(22*((67-71)/71)+24+22*258+22*57)*100$
267	Production subsidies (if importable)	%	$24/(22*((67-71)/71)+24+22*258+22*57)*100$
268	NTBs (if importable)	%	$22*258/(22*((67-71)/71)+24+22*258+22*57)*100$
269	Exchange rate distortions (if exportable)	%	$22*(71-68)/71/(-22*((71-68)/71)+24-22*259+22*58)*10$
270	Export subsidies (if exportable)	%	$22*58/(-22*((71-68)/71)+24-22*259+22*58)*100$
271	Production subsidies (if exportable)	%	$24/(-22*((71-68)/71)+24-22*259+22*58)*100$
272	NTBs (if exportable)	%	$(-22)*259/(-22*((71-68)/71)+24-22*259+22*58)*100$
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	$((69-71)/71)/((69-71)/71)+25+261+59)*100$
276	Import tariffs (if importable)	%	$59/(((69-71)/71)+25+261+59)*100$
277	Production subsidies (if importable)	%	$25/(((69-71)/71)+25+261+59)*100$
278	NTBs (if importable)	%	$261/(((69-71)/71)+25+261+59)*100$
279	Exchange rate distortions (if exportable)	%	$(-(71-70)/71)/(-(71-70)/71)+25-262+60)*100$
280	Export subsidies (if exportable)	%	$60/(-(71-70)/71)+25-262+60)*100$
281	Production subsidies (if exportable)	%	$25/(-(71-70)/71)+25-262+60)*100$

283			
284	% proportion of DRA_i:		
285	CTE _i	%	(-100)*242/251
286			
287	% proportion of DRA_p:		
288	CTE _p	%	(-100)*193/256
289			
290	Value of primary production (at wholesale undistorted prices)		
291	Importable	LC	4*158
292	Exportable	LC	4*159
293	Non tradable	LC	4*20/(1+[either 176 or 177 or 178 or 171])
294	Value of primary prod. from rows 291,292,293 according to trading status	LC	IF(E2="M",E291,IF(E2="X",E292,E293))
295			
296	Value of processed production (at wholesale undistorted prices)		
297	Importable	LC	150*162
298	Exportable	LC	150*163
299	Non tradable	LC	150*21/(1+184)
300	Value of primary prod. from rows 297,298,299 according to trading status	LC	IF(14="M",297,IF(14="X",298,299))
301			
302	Value of h'hold primary consumption (at wholesale undistorted price)		
303	Importable	LC	12*158
304	Exportable	LC	12*159
305	Non tradable	LC	12*20/(1+[either 176 or 177 or 178 or 171])
306	Value of primary cons. from rows 303,304,305 according to trading status	LC	IF(2="M",303,IF(2="X",304,305))
307			
308	Value of h'hold processed cons. (at wholesale undistorted price)		
309	Importable	LC	151*162
310	Exportable	LC	151*163
311	Non tradable	LC	151*21/(1+184)
312	Value of processed cons. from lines 309,310,311 according to trading statu:	LC	IF(14="M",309,IF(14="X",310,311))
313			
314	Farm-gate selling price (P _f)	LC/MT	28<>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130/(1+1
315	Markup on farm-gate price (transportation, storage, etc.)	proportion	129<>"n.a.",129,IF(OR(128,130="n.a."),"n.a.",130/128
316	Wholesale price for primary good (P _w) (from line 20)	LC/MT	130
317			
318	Primary good:		
319	Retail markup on primary wholesale prices (net of consumption tax)	proportion	133,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",134/
320	Retail price for primary good (P _r) (including consumption tax)	LC/MT	34,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",130*
321			
322	Processed goods:		
323	Markup on primary wholesale price (processing costs, etc.)	proportion	137<>"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/130
324	Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138
325	Retail markup on processed wholesale prices (net of consumption tax)	proportion	139,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",140/(
326	Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	40,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",138*
327			
328	Markup on primary wholesale price net of conversion factor	proportion	OR(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/130
329			
330	Comparison of markup on farm-gate price with NRA _i	%	100*315/172
331			
332	Domestic margins and distortions to primary good (P _f / P _{toB})	proportion	314/159
333			
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71

1	INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data	Unit	Source / Formulae
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	n.a.
4	Production	Mt	Food and Agriculture Organization
5	Imports		
6	Exports	MT	
7	Change in stocks	MT	n.a.
8	Own input use (feed)	MT	n.a.
9	Other input use (seed)	MT	n.a.
10	Input into food processing	MT	n.a.
11	Input into industrial use	MT	n.a.
12	Domestic final consumption of primary product	MT	n.a.
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports	MT	n.a.
17	Exports	MT	n.a.
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	FAO
21	Wholesale price for processed goods (P_{wp})	LC/MT	
22	Transmission factor from NRA to NRA_f ($0 \leq \theta_f \leq 1$ /(I-O coefficient))	proportion	n.a.
23			
24	Subsidy to primary good production ($s_f < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA_p to NRA ($0 \leq \theta \leq 1$ /(I-O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_f)	$0 \leq \lambda_f \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P)	US\$/MT	n.a.
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp})	US\$/MT	
45	fob export price (P_{xp})	US\$/MT	n.a.
46	International reference price (P_p)	US\$/MT	n.a.
47	International trading cost for imports (T_{mp})	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_c < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{cp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	Central Bank
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	F(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	F(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	3="n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66))

PART 1: QUANTITIES

PART 2: DOMESTIC VARIABLES

PART 3: INTERNATIONAL VARIABLES
(to be filled in only for tradable goods)

73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_t < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	20
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	21
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

Section 2

(Endogenous)

	data)		
142	Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7
143	Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12
144			
145	% of production exported in primary farm	%	100*6/4
146	% of primary production that is processed	%	100*10/4
147	% of primary production for industrial use	%	100*11/4
148	% of domestic utilization imported	%	100*5/142
149			
150	processed output	MT	10*15
151	domestic final consumption of processed product	MT	150+16-17-18
152			
153	% processed output exported	%	100*17/150
154	% of domestic processed consumption imported in processed form	%	100*16/151
155	% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)
156			
157	Undistorted international price - primary products (P_i)		
158	Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))
159	Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))
160			
161	Undistorted international price - processed products (P_{ip})		
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))
164			
165	NRA_i: Farm-gate price		
166	If primary is importable	proportion	(1+24)*(1+22*(20/158-1))-1
167	If primary is exportable	proportion	(1+24)*(1+22*(20/159-1))-1
168	If primary is non tradable and processed is importable	proportion	+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/162-1))
169	If primary is non tradable and processed is exportable	proportion	+31*((1+24)*(1-26)-1))*(1+22*30*((1+25)*21/163-1))
170	If primary is non tradable and processed is non tradable	proportion	31*((1+24)*(1-26)-1))*(1+22*30*34*((1+25)*(1-27)-1)
171	If primary is non tradable and no processed good exists	proportion	31*((1+24)*(1-26)-1)
172	Selecting NRA _i between lines 166 and 171 according to trading status	proportion	too long to be displayed here. Please click on the c
173	NRA: Primary good		
174	If primary is importable	proportion	20/158-1
175	If primary is exportable	proportion	20/159-1
176	If primary is non tradable and processed is importable	proportion	30*((1+25)*21/162-1)
177	If primary is non tradable and processed is exportable	proportion	30*((1+25)*21/163-1)
178	If primary is non tradable and processed is non tradable	proportion	30*34*((1+25)*(1-27)-1)
179	Selecting NRA between lines 174 and 178 according to trading status	proportion	too long to be displayed here. Please click on the c
180			
181	NRA_p: Processed goods		
182	Importable	proportion	(1+25)*21/162-1
183	Exportable	proportion	(1+25)*21/163-1
184	Non tradable	proportion	34*((1+25)*(1-27)-1)
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))
186			
187	CTE_p: Processing sector		
188	If primary is importable	proportion	174
189	If primary is exportable	proportion	175
190	If primary is non tradable and processed is importable	proportion	176
191	If primary is non tradable and processed is exportable	proportion	177
192	If primary is non tradable and processed is non tradable	proportion	178
193	Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179
194			
195	CTE_c: Consumers, primary good		
196	If primary is importable	proportion	(1+26)*20/158-1
197	If primary is exportable	proportion	(1+26)*20/159-1
198	If primary is non tradable and processed is importable	proportion	(1-31)*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/162-1)
199	If primary is non tradable and processed is exportable	proportion	(1-31)*((1-24)*(1+26)-1))*(1+22*30*((1+25)*21/163-1)
200	If primary is non tradable and processed is non tradable	proportion	(-31)*((1-24)*(1+26)-1))*(1+22*30*34*((1+25)*(1-27)-1)
201	If primary is non tradable and no processed good exists	proportion	(1-31)*((1-24)*(1+26)-1)
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	too long to be displayed here. Please click on the c
203	CTE_{cp}: Consumers, processed goods		
204	Importable	proportion	(1+27)*21/162-1
205	Exportable	proportion	(1+27)*21/163-1
206	Non tradable	proportion	(1-34)*((1-25)*(1+27)-1)
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status		IF(14="M",204, IF(14="X",205,206))
208			

209	CTE_i: Fertilizers		
210	Undistorted international price if importable	LC/MT	$IF(76 < > "n.a.", 76 * 71, 78 * (1 + 79) * 71)$
211	Undistorted international price if exportable	LC/MT	$IF(77 < > "n.a.", 77 * 71, 78 * (1 + 80) * 71)$
212	Importable	proportion	$(1 + 81) * 75 / 210 - 1$
213	Exportable	proportion	$(1 + 81) * 75 / 211 - 1$
214	Non tradable	proportion	$83 * ((1 - 82) * (1 + 81) - 1)$
215	CTE _i proportion fo farmers	proportion	$(212 < > "n.a.", 212 * 74, IF(213 < > "n.a.", 213 * 74, 214 * 74)$
216			
217	CTE_i: Pesticides		
218	Undistorted international price if importable	LC/MT	$IF(88 < > "n.a.", 88 * 71, 90 * (1 + 91) * 71)$
219	Undistorted international price if exportable	LC/MT	$IF(89 < > "n.a.", 89 * 71, 90 * (1 + 92) * 71)$
220	Importable	proportion	$(1 + 93) * 87 / 218 - 1$
221	Exportable	proportion	$(1 + 93) * 87 / 219 - 1$
222	Non tradable	proportion	$95 * ((1 - 94) * (1 + 93) - 1)$
223	CTE _i proportion fo farmers	proportion	$(220 < > "n.a.", 220 * 86, IF(221 < > "n.a.", 221 * 86, 222 * 86)$
224			
225	CTE_i: Credit		
226	CTE _i proportion fo farmers	proportion	$98 * 101 * ((1 - 100) * (1 + 99) - 1)$
227			
228	CTE_i: Fuel/electricity		
229	CTE _i proportion fo farmers	proportion	$105 * 108 * ((1 - 107) * (1 + 106) - 1)$
230			
231	CTE_i: Other		
232	Undistorted international price if importable	LC/MT	$IF(113 < > "n.a.", 113 * 71, 115 * (1 + 116) * 71)$
233	Undistorted international price if exportable	LC/MT	$IF(114 < > "n.a.", 114 * 71, 115 * (1 + 117) * 71)$
234	Importable	proportion	$(1 + 118) * 112 / 232 - 1$
235	Exportable	proportion	$(1 + 118) * 112 / 233 - 1$
236	Non tradable	proportion	$120 * ((1 - 119) * (1 + 118) - 1)$
237	CTE _i proportion fo farmers	proportion	$(234 < > "n.a.", 234 * 111, IF(235 < > "n.a.", 235 * 111, 236 * 111)$
238			
239	CTE_i: MEMO ITEM: water		
240	CTE _i proportion fo farmers	proportion	$123 * 126 * ((1 - 125) * (1 + 124) - 1)$
241			
242	TOTAL CTE_i	proportion	$215 + 223 + 226 + 229 + 237$
243			
244	DRA_i: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _i between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	$182 - 193 * ((\text{either } 158 \text{ or } 159 \text{ or } (20 / (1 + 179))) / 15) / 162$
254	Exportable	proportion	$183 - 193 * ((\text{either } 158 \text{ or } 159 \text{ or } (20 / (1 + 179))) / 15) / 163$
255	Non tradable	proportion	$193 * ((\text{either } 158 \text{ or } 159 \text{ or } (20 / (1 + 179))) / 15) / (21 / (1 + 179))$
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	$IF(14 = "M", 253, IF(14 = "X", 254, 255))$
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	$(166 + 1) / (22 * (1 + 24) * (1 + (67 - 71) / 71)) - 1 - 57$
260	Tariff equivalent of NTBs on exportable primary product	proportion	$1 + 58 - ((167 + 1) / (22 * (1 + 24) * (1 - (71 - 68) / 71)))$
261	Tariff equivalent of NTBs on importable processed products	proportion	$(182 + 1) / ((1 + 25) * (1 + (69 - 71) / 71)) - 1 - 59$
262	Tariff equivalent of NTBs on exportable processed products	proportion	$1 + 60 - ((183 + 1) / ((1 + 25) * (1 - (71 - 70) / 71)))$
263			
264	% proportion of NRA_i:		
265	Exchange rate distortions (if importable)	%	$2 * (67 - 71) / 71 / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
266	Import tariffs (if importable)	%	$22 * 57 / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
267	Production subsidies (if importable)	%	$24 / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
268	NTBs (if importable)	%	$22 * 258 / (22 * ((67 - 71) / 71) + 24 + 22 * 258 + 22 * 57) * 100$
269	Exchange rate distortions (if exportable)	%	$2 * (71 - 68) / 71 / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
270	Export subsidies (if exportable)	%	$22 * 58 / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
271	Production subsidies (if exportable)	%	$24 / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
272	NTBs (if exportable)	%	$(-22) * 259 / (-22 * ((71 - 68) / 71) + 24 - 22 * 259 + 22 * 58) * 100$
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	$((69 - 71) / 71) / ((69 - 71) / 71) + 25 + 261 + 59 * 100$
276	Import tariffs (if importable)	%	$59 / (((69 - 71) / 71) + 25 + 261 + 59) * 100$
277	Production subsidies (if importable)	%	$25 / (((69 - 71) / 71) + 25 + 261 + 59) * 100$
278	NTBs (if importable)	%	$261 / (((69 - 71) / 71) + 25 + 261 + 59) * 100$
279	Exchange rate distortions (if exportable)	%	$(-(71 - 70) / 71) / (-(71 - 70) / 71) + 25 - 262 + 60 * 100$
280	Export subsidies (if exportable)	%	$60 / (-(71 - 70) / 71) + 25 - 262 + 60 * 100$
281	Production subsidies (if exportable)	%	$25 / (-(71 - 70) / 71) + 25 - 262 + 60 * 100$

283						
284	% OF DRA	% proportion of DRA _f :				
285		CTE _f	%	(-100)*242/251		
286						
287		% proportion of DRA _p :				
288	CTE _p	%	(-100)*193/256			
289						
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)				
291		Importable	LC	4*158		
292		Exportable	LC	4*159		
293		Non tradable	LC	4*20/(1+[either 176 or 177 or 178 or 171])		
294		Value of primary prod. from rows 291,292,293 according to trading status	LC	IF(E2="M",E291,IF(E2="X",E292,E293))		
295						
296		Value of processed production (at wholesale undistorted prices)				
297		Importable	LC	150*162		
298		Exportable	LC	150*163		
299		Non tradable	LC	150*21/(1+184)		
300		Value of primary prod. from rows 297,298,299 according to trading status	LC	IF(14="M",297,IF(14="X",298,299))		
301						
302		Value of h'hold primary consumption (at wholesale undistorted price)				
303		Importable	LC	12*158		
304		Exportable	LC	12*159		
305		Non tradable	LC	12*20/(1+[either 176 or 177 or 178 or 171])		
306		Value of primary cons. from rows 303,304,305 according to trading status	LC	IF(2="M",303,IF(2="X",304,305))		
307						
308		Value of h'hold processed cons. (at wholesale undistorted price)				
309		Importable	LC	151*162		
310		Exportable	LC	151*163		
311		Non tradable	LC	151*21/(1+184)		
312		Value of processed cons. from lines 309,310,311 according to trading statu:	LC	IF(14="M",309,IF(14="X",310,311))		
313						
314		DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT	8<>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130/(1+	
315			Markup on farm-gate price (transportation, storage, etc.)	proportion	29<>"n.a.",129,IF(OR(128,130="n.a."),"n.a.",130/12	
316			Wholesale price for primary good (P _w) (from line 20)	LC/MT	130	
317						
318			Primary good:			
319			Retail markup on primary wholesale prices (net of consumption tax)	proportion	33,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",134	
320			Retail price for primary good (P _r) (including consumption tax)	LC/MT	4,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",130	
321						
322			Processed goods:			
323			Markup on primary wholesale price (processing costs, etc.)	proportion	37<>"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/13	
324			Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT	138	
325			Retail markup on processed wholesale prices (net of consumption tax)	proportion	39,IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",140	
326			Retail price for processed goods(P _{rp}) (including consumption tax)	LC/MT	0,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",138	
327						
328			Markup on primary wholesale price net of conversion factor	proportion	1R(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/13	
329						
330	OTHER	Comparison of markup on farm-gate price with NRA _f	%	100*315/172		
331						
332		Domestic margins and distortions to primary good (P _f / P _{lob})	proportion	314/159		
333						
334	Exchange rate distortions to import (in overall economy)	proportion	(66-71)/71			

S1 SUMMARY, PRIMARY AGRICULTURE**S2 SECTION 1 (Exogenous Data)**

S3		Unit	Explanation	Formula
S4	The Remaining (non-covered) Primary Agricultural Products (gross value of total uncovered agricultural production, valued at farm level/market prices) (LC) UNDISTORTED VoP			
S5	Value of Production (at wholesale undistorted price) and DRA of Remaining (non-covered) Primary Agricultural Products			
S6	Total of Remaining (non-covered) Primary Agricultural Products		Share of covered products in total agricultural production (calculated at border prices)	from FAO
S7	Value of Production (Importable)	LC		
S8	Value of Production (Exportable)	LC		
S9	Value of Production (Nontradable)	LC		
S10	DRAguesstimate (Importable)	Proportion		Other importable fruits and vegetables
S11	DRAguesstimate (Exportable)	Proportion		Selected protected coffee and vegetab
S12	DRAguesstimate (Nontradable)	Proportion		
S13				
S14	Share of importables, exportables and non-tradables in the Remaining (non-covered) Primary Agricultural Products			
S15	Share of Importables	Proportion		
S16	Share of Exportables	Proportion		
S17	Share of Nontradables	Proportion		
S29				
S30	Exchange Rate Distortion: Please use an economy wide exchange rate here.			
S31	Remaining (non-covered) Primary and Lightly Processed Agricultural Products			
S32	Exchange Rate Distortion (Importables, em)	Proportion	Use the variable in row 334 (from the generic spreadsheet)	334
S33	Exchange Rate Distortion (Exportables, ex)	Proportion	Use the variable in row 335 (from the generic spreadsheet)	335
S34				
S35	Non-product specific subsidies net of abnormal taxes for primary agriculture			
S36	Research & Extension	LC		
S37	Agricultural training schools	LC		
S38	Inspection Services	LC		
S39	marketing and Promotion	LC		
S40	Public stockholding	LC		
S41	Other	LC		
S42	TOTAL	LC	SUM over all non-product specific subsidies	SUM(S36:S41)
S43				

S44 SECTION 2 (Endogenous Data) (TO BE automatically computed)

S45	Adjusted Nominal Direct Value of Assistance to Farmer (Primary Agriculture) (covered)			
S46	Importables			
S47	Rice	LC	DRAf (Product1,Importable)* Value of primary production (Product1,Importable)	use the relevant cells in the generic spreadsheet
S48	Maize	LC	DRAf (Product2,Importable)* Value of primary production (Product2,Importable)	use the relevant cells in the generic spreadsheet
S49	Sugar	LC	DRAf (Product3,Importable)* Value of primary production (Product3,Importable)	use the relevant cells in the generic spreadsheet
S50	Coconut	LC	DRAf (Product4,Importable)* Value of primary production (Product4,Importable)	use the relevant cells in the generic spreadsheet
S51	Beef	LC	DRAf (Product5,Importable)* Value of primary production (Product5,Importable)	use the relevant cells in the generic spreadsheet
S52	Pigmeat	LC	DRAf (Product6,Importable)* Value of primary production (Product6,Importable)	use the relevant cells in the generic spreadsheet
S53	Chicken	LC	DRAf (Product7,Importable)* Value of primary production (Product7,Importable)	use the relevant cells in the generic spreadsheet
S54	Product8	LC	DRAf (Product8,Importable)* Value of primary production (Product8,Importable)	use the relevant cells in the generic spreadsheet
S55	Product9	LC	DRAf (Product9,Importable)* Value of primary production (Product9,Importable)	use the relevant cells in the generic spreadsheet

S56	Product10	LC	DRAf (Product10,Importable)* Value of primary production (Product10,Importable)	use the relevant cells in the generic spreadsheet
S57	Product11	LC	DRAf (Product11,Importable)* Value of primary production (Product11,Importable)	use the relevant cells in the generic spreadsheet
S58	Product12	LC	DRAf (Product12,Importable)* Value of primary production (Product12,Importable)	use the relevant cells in the generic spreadsheet
S59	Product13	LC	DRAf (Product13,Importable)* Value of primary production (Product13,Importable)	use the relevant cells in the generic spreadsheet
S60	ALL IMPORTABLE PRIMARY AGRICULTURE (covered)	LC	SUM over all Nominal Direct Values of Assistance (Importable)	SUM(S47:S59)
S61				
S62	Exportables			
S63	Rice	LC	DRAf (Product1,Exportable)* Value of primary production (Product1,Exportable)	use the relevant cells in the generic spreadsheet
S64	Maize	LC	DRAf (Product2,Exportable)* Value of primary production (Product2,Exportable)	use the relevant cells in the generic spreadsheet
S65	Sugar	LC	DRAf (Product3,Exportable)* Value of primary production (Product3,Exportable)	use the relevant cells in the generic spreadsheet
S66	Coconut	LC	DRAf (Product4,Exportable)* Value of primary production (Product4,Exportable)	use the relevant cells in the generic spreadsheet
S67	Beef	LC	DRAf (Product5,Exportable)* Value of primary production (Product5,Exportable)	use the relevant cells in the generic spreadsheet
S68	Pigmeat	LC	DRAf (Product6,Exportable)* Value of primary production (Product6,Exportable)	use the relevant cells in the generic spreadsheet
S69	Chicken	LC	DRAf (Product7,Exportable)* Value of primary production (Product7,Exportable)	use the relevant cells in the generic spreadsheet
S70	Banana	LC	DRAf (Product8,Exportable)* Value of primary production (Product8,Exportable)	use the relevant cells in the generic spreadsheet
S71	Product9	LC	DRAf (Product9,Exportable)* Value of primary production (Product9,Exportable)	use the relevant cells in the generic spreadsheet
S72	Product10	LC	DRAf (Product10,Exportable)* Value of primary production (Product10,Exportable)	use the relevant cells in the generic spreadsheet
S73	Product11	LC	DRAf (Product11,Exportable)* Value of primary production (Product11,Exportable)	use the relevant cells in the generic spreadsheet
S74	Product12	LC	DRAf (Product12,Exportable)* Value of primary production (Product12,Exportable)	use the relevant cells in the generic spreadsheet
S75	Product13	LC	DRAf (Product13,Exportable)* Value of primary production (Product13,Exportable)	use the relevant cells in the generic spreadsheet
S76	ALL EXPORTABLE PRIMARY AGRICULTURE (covered)	LC	SUM over all Nominal Direct Values of Assistance (Exportable)	SUM(S63:S75)
S77				
S78	Nontradable			
S79	Product1	LC	DRAf (Product1,nontradable)* Value of primary production (Product1,nontradable)	use the relevant cells in the generic spreadsheet
S80	Product2	LC	DRAf (Product2,nontradable)* Value of primary production (Product2,nontradable)	use the relevant cells in the generic spreadsheet
S81	Product3	LC	DRAf (Product3,nontradable)* Value of primary production (Product3,nontradable)	use the relevant cells in the generic spreadsheet
S82	Product4	LC	DRAf (Product4,nontradable)* Value of primary production (Product4,nontradable)	use the relevant cells in the generic spreadsheet
S83	Product5	LC	DRAf (Product5,nontradable)* Value of primary production (Product5,nontradable)	use the relevant cells in the generic spreadsheet
S84	Product6	LC	DRAf (Product6,nontradable)* Value of primary production (Product6,nontradable)	use the relevant cells in the generic spreadsheet
S85	Product7	LC	DRAf (Product7,nontradable)* Value of primary production (Product7,nontradable)	use the relevant cells in the generic spreadsheet
S86	Product8	LC	DRAf (Product8,nontradable)* Value of primary production (Product8,nontradable)	use the relevant cells in the generic spreadsheet
S87	Product9	LC	DRAf (Product9,nontradable)* Value of primary production (Product9,nontradable)	use the relevant cells in the generic spreadsheet
S88	Product10	LC	DRAf (Product10,nontradable)* Value of primary production (Product10,nontradable)	use the relevant cells in the generic spreadsheet
S89	Product11	LC	DRAf (Product11,nontradable)* Value of primary production (Product11,nontradable)	use the relevant cells in the generic spreadsheet
S90	Product12	LC	DRAf (Product12,nontradable)* Value of primary production (Product12,nontradable)	use the relevant cells in the generic spreadsheet
S91	Product13	LC	DRAf (Product13,nontradable)* Value of primary production (Product13,nontradable)	use the relevant cells in the generic spreadsheet
S92	ALL NONTRADABLE PRIMARY AGRICULTURE (covered)	LC	SUM over all Nominal Direct Values of Assistance (Nontradable)	SUM(S79:S91)
S93				
S94	Total Nominal Direct Value of Assistance to Farmer (Primary Agriculture) (by product) (covered)			
S95	Rice	LC	SUM(S47,S63,S79)	SUM(S47,S63,S79)
S96	Maize	LC	SUM(S48,S64,S80)	SUM(S48,S64,S80)
S97	Sugar	LC	SUM(S49,S65,S81)	SUM(S49,S65,S81)
S98	Coconut	LC	SUM(S50,S66,S82)	SUM(S50,S66,S82)
S99	Beef	LC	SUM(S51,S67,S83)	SUM(S51,S67,S83)
S100	Pigmeat	LC	SUM(S52,S68,S84)	SUM(S52,S68,S84)
S101	Chicken	LC	SUM(S53,S69,S85)	SUM(S53,S69,S85)

S102	Banana		LC	SUM(S54,S70,S86)	SUM(S54,S70,S86)
S103	Product9		LC	SUM(S55,S71,S87)	SUM(S55,S71,S87)
S104	Product10		LC	SUM(S56,S72,S88)	SUM(S56,S72,S88)
S105	Product11		LC	SUM(S57,S73,S89)	SUM(S57,S73,S89)
S106	Product12		LC	SUM(S58,S74,S90)	SUM(S58,S74,S90)
S107	Product13		LC	SUM(S59,S75,S91)	SUM(S59,S75,S91)
S108	ALL PRIMARY AGRICULTURE (covered)		LC	SUM over all Nominal Direct Value of Assistance of Primary Agricultural Products (covered)	SUM(S95:S107)
S109					
S110	Value of Primary Production (Primary Agriculture) (covered)				
S111	Importables		LC	SUM over Value of Primary Production (Importables)	sum up across all importable primary products from the generic spreadsheets
S112	Exportables		LC	SUM over Value of Primary Production (Exportables)	sum up across all importable primary products from the generic spreadsheets
S113	Nontradables		LC	SUM over Value of Primary Production (Non-Tradables)	sum up across all importable primary products from the generic spreadsheets
S114	Total (covered)		LC	SUM over Value of Primary Production (Total) (covered)	SUM(S111:S113)
S115					
S116	DRA, Primary Agriculture (covered)				
S117	Importables		proportion	SUM over all Nominal Direct Values of Assistance (Importable) / SUM over Value of Primary Production (Importables)	S60 / S111
S118	Exportables		proportion	SUM over all Nominal Direct Values of Assistance (Exportable) / SUM over Value of Primary Production (Exportables)	S76 / S112
S119	Nontradables		proportion	SUM over all Nominal Direct Values of Assistance (Nontradables) / SUM over Value of Primary Production (Nontradables)	S92 / S113
S120	Total DRA (covered)		proportion	SUM over all Nominal Direct Value of Assistance / SUM over Value of Primary Production (Total)	S108 / S114
S121					
S122	Sum of Value of Production of Remaining (non-covered) Primary Agricultural Products			Value of Production of Remaining Primary Agricultural Imp. + Value of Production of Remaining Primary Agricultural Exp. + Value of Production of Remaining Primary Agricultural NonTR	SUM(S7:S9)
S123					
S124	DRA of Remaining (non-covered) Primary Agricultural Products				
S125	Importables		proportion	(1 + DRAGuesstimate) *(1 + Exchange Rate Dist. (em)) -1	(1 + S10) * (1+S32) -1
S126	Exportables		proportion	(1 + DRAGuesstimate)*(1 - Exchange Rate Dist. (ex)) -1	(1 + S11) * (1-S33) -1
S127	Nontradables		proportion	DRAGuesstimate	S12
S128	Total DRA (non-covered)		proportion	Value of Prod. Remaining Prim Imp / (Sum of Value of Prod. of Remaining Prim Agr. Products) * DRAimp + Value of Prod. Remaining Prim Exp / (Sum of Value of Prod. of Remaining Prim Agr. Products) * DRAexp + Value of Prod. Remaining Prim NTR / (Sum of ..	(S7/S122)*S125 + (S8/S122)*S126 + (S9/S122)*S127
S129 Adjusted Nominal Direct Value of Assistance to Farmer of non-covered and covered Primary Agricultural Products					
S130	Importables		LC	Value of Production remaining prim IMP (non-covered) * DRAremaing prim IMP (non-covered) + SUM over Nominal Direct Value of Assistance of Primary Agriculture IMP (covered)	S7*S125 + S60
S131	Exportables		LC	Value of Production remaining prim EXP(non-covered) * DRAremaing prim EXP(non-covered) + SUM over Nominal Direct Value of Assistance of Primary Agriculture EXP (covered)	S8*S126 + S76
S132	Nontradables		LC	Value of Production remaining prim NTR(non-covered) * DRAremaing prim NTR(non-covered) + SUM over Nominal Direct Value of Assistance of Primary Agriculture NTR (covered)	S9*S127 + S92
S133	Total Nominal Direct Value of Assistance (non-covered and covered)		LC	SUM over all Nominal Direct Value of Assistance	SUM (S130:S132)
S134	Total Nominal Direct Value of Assistance , incl. non-product specific taxes (non-covered and covered)		LC	SUM over all Nominal Direct Value of Assistance + Non-product specific subsidies net of abnormal taxes for primary agriculture	SUM (S133,S42)
S135					
S136	DRA, Primary Agriculture (non-covered and covered)				
S137	Importables		proportion	Nominal Direct Values of Assistance of Primary Agr. Production (non-covered&covered) (Importable) / [Value of Primary Agr. Production (covered) (Importables) + Value of Primary Agr. Production (non-covered) (Importables)]	S130/(S111+S7)
S138	Exportables		proportion	Nominal Direct Values of Assistance of Primary Agr. Production (non-covered&covered) (Exportable) / [Value of Primary Agr. Production (covered) (Exportables) + Value of Primary Agr. Production (non-covered) (Exportables)]	S131/(S112+S8)

S139	Nontradables	proportion	Nominal Direct Values of Assistance of Primary Agr. Production (non-covered&covered) (NTR) / [Value of Primary Agr. Production (covered) (NTR) + Value of Primary Agr. Production (non-covered) (NTR)]	S132/(S113+S9)
S140	Total DRA (non-covered and covered)	Proportion	Total Nominal Direct Value of Assistance , incl. non-product specific taxes (non-covered&covered)/ [Total Value of Primary Agr. Production (covered)+ Total Value of Primary Agr. Production (non-covered)]	S134/(S114+S122)
S141	Total DRA (non-covered and covered) excluding NPS	Proportion	Total Nominal Direct Value of Assistance , excl. non-product specific taxes (non-covered&covered)/ [Total Value of Primary Agr. Production (covered)+ Total Value of Primary Agr. Production (non-covered)]	S133/(S114+S122)

S142 In order to compute this you first need to get the relevant information from the Non-Agricultural Summary

S143	TRA (Total Rate of Assistance) FOR ALL AGRICULTURE		Total DRA (Primary Agriculture, Total) - Total DRA (ALL Non-Agriculture)	S140 - X247
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S144

S145 Average CTE, Agriculture (covered) (weighted by Value of Consumption of primary and processed agricultural Production valued at undistorted prices)

S146 Importables

S147	Product1	proportion	$\frac{\text{Value Hhld Cons prim Product1 IMP} / (\text{Value Hhld Cons prim Product1 IMP} + \text{Value Hhld Cons proc Product1 IMP}) * \text{CTEc}}{\text{Product1 IMP} + \text{Value Hhld Cons proc Product1 IMP} / (\text{Value Hhld Cons prim Product1 IMP} + \text{Value Hhld Cons proc Product1 IMP}) * \text{CTEc}} \text{Product1 IMP}$	use the relevant cells from the generic spreadsheet
S148	Product2	proportion	"	"
S149	Product3	proportion	"	"
S150	Product4	proportion	"	"
S151	Product5	proportion	"	"
S152	Product6	proportion	"	"
S153	Product7	proportion	"	"
S154	Product8	proportion	"	"
S155	Product9	proportion	"	"
S156	Product10	proportion	"	"
S157	Product11	proportion	"	"
S158	Product12	proportion	"	"
S159	Product13	proportion	"	"

S160

S161 Exportables

S162	Product1	proportion	$\frac{\text{Value Hhld Cons prim Product1 EXP} / (\text{Value Hhld Cons prim Product1 EXP} + \text{Value Hhld Cons proc Product1 EXP}) * \text{CTEc}}{\text{Product1 EXP} + \text{Value Hhld Cons proc Product1 EXP} / (\text{Value Hhld Cons prim Product1 EXP} + \text{Value Hhld Cons proc Product1 EXP}) * \text{CTEc}} \text{Product1 EXP}$	use the relevant cells from the generic spreadsheet
S163	Product2	proportion	"	"
S164	Product3	proportion	"	"
S165	Product4	proportion	"	"
S166	Product5	proportion	"	"
S167	Product6	proportion	"	"
S168	Product7	proportion	"	"
S169	Product8	proportion	"	"
S170	Product9	proportion	"	"
S171	Product10	proportion	"	"
S172	Product11	proportion	"	"
S173	Product12	proportion	"	"
S174	Product13	proportion	"	"

S175

S176 Nontradable

S177	Product1	proportion	$\frac{\text{Value Hhld Cons prim Product1 NTR} / (\text{Value Hhld Cons prim Product1 NTR} + \text{Value Hhld Cons proc Product1 NTR}) * \text{CTEc}}{\text{Product1 NTR} + \text{Value Hhld Cons proc Product1 NTR} / (\text{Value Hhld Cons prim Product1 NTR} + \text{Value Hhld Cons proc Product1 NTR}) * \text{CTEc}} \text{Product1 NTR}$	use the relevant cells from the generic spreadsheet
S178	Product2	proportion	"	"
S179	Product3	proportion	"	"
S180	Product4	proportion	"	"
S181	Product5	proportion	"	"
S182	Product6	proportion	"	"
S183	Product7	proportion	"	"
S184	Product8	proportion	"	"
S185	Product9	proportion	"	"
S186	Product10	proportion	"	"
S187	Product11	proportion	"	"
S188	Product12	proportion	"	"
S189	Product13	proportion	"	"

S190				
S191	Sum of Value of Hhld Consumption of Primary Agricultural Production (covered)			
S192	Importables	LC	Sum of Value of Cons of all prim agr product IMP	sum up across all importable primary products from the generic spreadsheets
S193	Exportables	LC	Sum of Value of Cons of all prim agr product EXP	sum up across all exportable primary products from the generic spreadsheets
S194	Nontradables	LC	Sum of Value of Cons of all prim agr product NTR	sum up across all nontradable primary products from the generic spreadsheets
S195	Total (covered)	LC	Sum of Value of Cons of all prim agr product	SUM(S192:S194)
S196				
S197	Sum of Value of Hhld Consumption of Lightly Processed Agricultural Production (covered)			
S198	Importables	LC	Sum of Value of Cons of all proc agr product IMP	sum up across all importable lightly processed products from the generic spreadsheets
S199	Exportables	LC	Sum of Value of Cons of all proc agr product EXP	sum up across all exportable lightly processed products from the generic spreadsheets
S200	Nontradables	LC	Sum of Value of Cons of all proc agr product NTR	sum up across all nontradable lightly processed products from the generic spreadsheets
S201	Total (covered)	LC	Sum of Value of Cons of all proc agr product	SUM(S198:S200)
S202				
S203	Sum of Value of Hhld Consumption of Agricultural products and lightly processed food (covered)			
S204	Importables		Sum of Value of Cons of all agr product IMP	S192 + S198
S205	Exportables		Sum of Value of Cons of all agr product EXP	S193 + S199
S206	Nontradables		Sum of Value of Cons of all agr product NTR	S194 + S200
S207	Total (covered)		Sum of Value of Cons of all agr product	S195 + S201
S208				
S209	Average CTE, Agriculture (covered) (weighted by Value of Consumption of primary and processed agricultural Production at undistorted prices)			
S210	CTE, ALL Importables (covered)	Proportion	$\frac{\text{Value of Cons product1 IMP}/(\text{Sum of Value of Cons of all agr product IMP}) * \text{CTEproduct1 IMP} + \text{Value of Cons product2 IMP}/(\text{Sum of Value of Cons of all agr product IMP}) * \text{CTEproduct2 IMP} + \dots}{\text{IMP}/(\text{Sum of Value of Cons of all agr product IMP}) * \text{CTEproduct1 IMP} + \dots}$	$\frac{\text{Value of Cons product1 IMP}/S204 * S147 + \text{Value of Cons product2 IMP}/S204 * S148 + \dots}{\text{IMP}/S204 * S147 + \dots}$
S211	CTE, ALL Exportables (covered)	Proportion	$\frac{\text{Value of Cons product1 EXP}/(\text{Sum of Value of Cons of all agr product EXP}) * \text{CTEproduct1 EXP} + \text{Value of Cons product2 EXP}/(\text{Sum of Value of Cons of all agr product EXP}) * \text{CTEproduct2 EXP} + \dots}{\text{EXP}/(\text{Sum of Value of Cons of all agr product EXP}) * \text{CTEproduct1 EXP} + \dots}$	$\frac{\text{Value of Cons product1 EXP}/S205 * S162 + \text{Value of Cons product2 EXP}/S205 * S163 + \dots}{\text{EXP}/S205 * S162 + \dots}$
S212	CTE, ALL Nontradables (covered)	Proportion	$\frac{\text{Value of Cons product1 NTR}/(\text{Sum of Value of Cons of all agr product NTR}) * \text{CTEproduct1 NTR} + \text{Value of Cons product2 NTR}/(\text{Sum of Value of Cons of all agr product NTR}) * \text{CTEproduct2 NTR} + \dots}{\text{NTR}/(\text{Sum of Value of Cons of all agr product NTR}) * \text{CTEproduct1 NTR} + \dots}$	$\frac{\text{Value of Cons product1 NTR}/S206 * S177 + \text{Value of Cons product2 NTR}/S206 * S178 + \dots}{\text{NTR}/S206 * S177 + \dots}$
S213	Total CTE of primary agriculture (covered)	Proportion	$\frac{(\text{Sum of Value of Hhld Consumption of Agricultural Production IMP})/(\text{Sum of Value of Hhld Consumption of Agricultural Production}) * \text{CTEall IMP} + (\text{Sum of Value of Hhld Consumption of Agricultural Production EXP})/(\text{Sum of Value of Hhld Consumption of Agricultural Pr}) * \text{CTEall EXP} + \dots}{\text{IMP}/(\text{Sum of Value of Hhld Consumption of Agricultural Production}) * \text{CTEall IMP} + \dots}$	$\frac{(\$204/S207) * S210 + (\$205/S207) * S211 + (\$206/S207) * S212}{(\$204/S207) * S210 + \dots}$
S214				
S215	Sum of Value of Hhld Consumption of Remaining (non-covered) Primary Agricultural Products			
S215		LC	Value of Hhld Cons of Remaining Primary Agricultural Imp. + Value of Hhld Cons of Remaining Primary Agricultural Exp. + Value of Hhld Cons of Remaining Primary Agricultural NonTR	SUM(S15:S17)
S216				
S217	Sum of Value of Hhld Consumption of Remaining (non-covered) Lightly Processed Food Products			
S217		LC	Value of Hhld Cons of Remaining Processed Agricultural Imp. + Value of Hhld Cons of Remaining Processed Agricultural Exp. + Value of Hhld Cons of Remaining Processed Agricultural NonTR	SUM(S23:S25)
S218				
S219				
S220	CTE, Total Remaining (non-covered) Primary Agricultural Products			
S221	Importables	proportion	$(1 + \text{CTEguesstimate,primary}) * (1 + \text{Exchange Rate Dist (em)}) - 1$	$(1 + S18) * (1 + S32) - 1$
S222	Exportables	proportion	$(1 + \text{CTEguesstimate,primary}) * (1 - \text{Exchange Rate Dist (ex)}) - 1$	$(1 + S19) * (1 - S33) - 1$
S223	Nontradables	proportion	CTEguesstimate,primary	S20
S224	Total CTE remaining primary (non-covered)	proportion	$\frac{\text{Value of Cons Remaining Prim Imp}/(\text{Sum of Value of Cons of Remaining Prim Agricultural Products}) * \text{CTEimp} + \text{Value of Cons Remaining Prim Exp}/(\text{Sum of Value of Cons of Remaining Prim Agricultural Products}) * \text{CTEexp} + \text{Value of Cons Remaining Prim NonTR}/(\text{Sum of Va})}{\text{Value of Cons Remaining Prim Imp}/(\text{Sum of Value of Cons of Remaining Prim Agricultural Products}) * \text{CTEimp} + \dots}$	$\frac{(\$15/S215) * S221 + (\$16/S215) * S222 + (\$17/S215) * S223}{(\$15/S215) * S221 + \dots}$

S225				
S226	CTE, Total Remaining (non-covered) Lightly Processed Food			
S227	Importables	proportion	$(1 + \text{CTE}_{\text{guesstimate,processed}}) * (1 + \text{Exchange Rate Dist(em)}) - 1$	$(1 + S26) * (1 + S32) - 1$
S228	Exportables	proportion	$(1 + \text{CTE}_{\text{guesstimate,processed}}) * (1 + \text{Exchange Rate Dist(ex)}) - 1$	$(1 + S27) * (1 - S33) - 1$
S229	Nontradables	proportion	$\text{CTE}_{\text{guesstimate,processed}}$	S28
S230	Total CTE remaining processed (non-covered)	proportion	$\frac{\text{Value of Cons Remaining Prim Imp} / (\text{Sum of Value of Cons of Remaining Prim Agricultural Products}) * \text{CTE}_{\text{imp}} + \text{Value of Cons Remain Primary Exp} / (\text{Sum of Value of Cons of Remaining Prim Agricultural Products}) * \text{CTE}_{\text{exp}} + \text{Value of Cons Remaining Prim NonTR} / (\text{Sum of Va})}{\text{Value of Cons Remaining Prim Imp} / (\text{Sum of Value of Cons of Remaining Prim Agricultural Products}) * \text{CTE}_{\text{imp}} + \text{Value of Cons Remain Primary Exp} / (\text{Sum of Value of Cons of Remaining Prim Agricultural Products}) * \text{CTE}_{\text{exp}} + \text{Value of Cons Remaining Prim NonTR} / (\text{Sum of Va})}$	$(S23/S217) * S227 + (S24/S217) * S228 + (S25/S217) * S229$
S231				
S232	Average CTE of Remaining (non-covered) Agriculture and Food (weighted by Value of Consumption of primary and processed agricultural Production valued at undistorted prices)			
S233	Importables	proportion	$\frac{\text{Value Hhld Cons remaining primary product IMP} / (\text{Value Hhld Cons remaining primary product IMP} + \text{Value Hhld Cons remaining processed product IMP}) * \text{CTE}_{\text{remaining primary}} + \text{Value Hhld Cons remaining processed product IMP} / (\text{Value Hhld Cons remaining primary produ})}{\text{Value Hhld Cons remaining primary product IMP} / (\text{Value Hhld Cons remaining primary product IMP} + \text{Value Hhld Cons remaining processed product IMP}) * \text{CTE}_{\text{remaining primary}} + \text{Value Hhld Cons remaining processed product IMP} / (\text{Value Hhld Cons remaining primary produ})}$	$S15 / (S15 + S23) * S221 + S23 / (S15 + S23) * S227$
S234	Exportables	proportion	"	$S16 / (S16 + S24) * S222 + S24 / (S16 + S24) * S228$
S235	Nontradables	proportion	"	$S17 / (S17 + S25) * S223 + S25 / (S17 + S25) * S229$
S236	Total CTE remaining agriculture and food (non-covered)	proportion	$\frac{\text{Sum of Value Hhld Cons remaining agr product IMP} / (\text{Sum of Value Hhld Cons remaining prim product} + \text{Sum of Value Hhld Cons remaining prim product}) * \text{CTE}_{\text{imp}} + \text{Sum of Value Hhld Cons remaining agr product EXP} / (\text{Sum of Value Hhld Cons remaining prim product} + \text{S})}{\text{Sum of Value Hhld Cons remaining agr product IMP} / (\text{Sum of Value Hhld Cons remaining prim product} + \text{Sum of Value Hhld Cons remaining prim product}) * \text{CTE}_{\text{imp}} + \text{Sum of Value Hhld Cons remaining agr product EXP} / (\text{Sum of Value Hhld Cons remaining prim product} + \text{S})}$	$(S15 + S23) / (S215 + S217) * S233 + (S16 + S24) / (S215 + S217) * S234 + (S17 + S25) / (S215 + S217) * S235$
S237				
S238	Average CTE of all Agriculture (non-covered and covered) (weighted by Value of Consumption of primary and processed agricultural Production valued at undistorted prices)			
S239	Importables	proportion	$\frac{\text{Sum of Value of Cons of all non-covered agr product IMP} / (\text{Sum of Value of Cons of all non-covered \& covered}) * \text{CTE}_{\text{all non-covered}} + \text{Sum of Value of Cons of all covered agr product IMP} / (\text{Sum of Value of Cons of all non-covered \& covered}) * \text{CTE}_{\text{all covered}}}{\text{Sum of Value of Cons of all non-covered agr product IMP} / (\text{Sum of Value of Cons of all non-covered \& covered}) * \text{CTE}_{\text{all non-covered}} + \text{Sum of Value of Cons of all covered agr product IMP} / (\text{Sum of Value of Cons of all non-covered \& covered}) * \text{CTE}_{\text{all covered}}}$	$(S15 + S23) / (S204 + S15 + S23) * S233 + (S204) / (S204 + S15 + S23) * S210$
S240	Exportables	proportion	"	$(S16 + S24) / (S205 + S16 + S24) * S234 + (S205) / (S205 + S16 + S24) * S211$
S241	Nontradables	proportion	"	$(S17 + S25) / (S206 + S17 + S25) * S235 + (S206) / (S206 + S17 + S25) * S212$
S242	Total CTE agriculture and food (non-covered and covered)	proportion	$\frac{(\text{Sum of Value of Cons of all 100\% agr product IMP}) / (\text{Sum of Value of Cons of all 100\% agr product total}) * \text{CTE}_{\text{IMP}} + (\text{Sum of Value of Cons of all 100\% agr product EXP}) / (\text{Sum of Value of Cons of all 100\% agr product total}) * \text{CTE}_{\text{EXP}} + (\text{Sum of Value of Cons of...})}{(\text{Sum of Value of Cons of all 100\% agr product IMP}) / (\text{Sum of Value of Cons of all 100\% agr product total}) * \text{CTE}_{\text{IMP}} + (\text{Sum of Value of Cons of all 100\% agr product EXP}) / (\text{Sum of Value of Cons of all 100\% agr product total}) * \text{CTE}_{\text{EXP}} + (\text{Sum of Value of Cons of...})}$	$(S204 + S15 + S23) / (S207 + S215 + S217) * S239 + (S205 + S16 + S24) / (S207 + S215 + S217) * S240 + (S206 + S17 + S25) / (S207 + S215 + S217) * S241$

X1	SUMMARY NON-AGRICULTURE	Unit	Explanation	Source/Formula
X2	SECTION 1 (required data series)			1955 1956 1957
X3	FOOD PROCESSORS I (lightly processed food products)			
X4	Value of Production (at wholesale undistorted price) of Importable, Exportable and Nontradable in REMAINING Lightly Processed Food Production (non-covered)			
X5	IMPORTABLE	LC		
X6	EXPORTABLE	LC		
X7	NONRADABLE	LC		
X8				
X9	Share of TOTAL (non-covered and covered) lightly processed food production in total NON-Agricultural production	proportion		
X10	FOOD PROCESSORS II (highly processed food products)			
X11	Share of Importable, Exportable and Nontradable in total highly processed food production			
X12	IMPORTABLE	proportion		
X13	EXPORTABLE	proportion		
X14	NONRADABLE	proportion		
X15				
X16	Share of highly processed food production in total NON-Agricultural production	proportion		
X17	NON-AGRICULTURAL PRIMARY PRODUCERS			
X18	Share of Importable, Exportable and Nontradable in total Non-Agricultural Primary Production			
X19	IMPORTABLE	proportion		
X20	EXPORTABLE	proportion		
X21	NONRADABLE	proportion		
X22				
X23	Share of non-agricultural primary products in total NON-Agricultural production	proportion		
X24	NON-FOOD MANUFACTURES			
X25	Share of Importable, Exportable and Nontradable in total Non-Food Manufactures			
X26	IMPORTABLE	proportion		
X27	EXPORTABLE	proportion		
X28	NONRADABLE	proportion		
X29				
X30	Share of non-food manufactures in total NON-Agricultural production	proportion		
X31	SERVICES			
X32	Share of Importable, Exportable and Nontradable in total Services			
X33	IMPORTABLE	proportion		
X34	EXPORTABLE	proportion		
X35	NONRADABLE	proportion		
X36				
X37	Share of services in total NON-Agricultural production	proportion		
X38				
X39	FOOD PROCESSORS I (remaining non-covered lightly processed food products)			
X40	DR Aguesstimate (remaining non-covered lightly processed food production)			
X41	IMPORTABLE			
X42	Import tariff	proportion		
X43	NTB	proportion		
X46				
X47	EXPORTABLE			
X48	Export Subsidy	proportion		
X49	NTB	proportion		
X52				
X53	NONRADABLE			
X54	DRAguesstimate	proportion		
X56				

VALUE AND SHARE INFORMATION FOR WEIGHTING PURPOSES

X57	FOOD PROCESSORS II (highly processed food products)			
X58	DRAguesstimate (highly processed food production)			
X59	IMPORTABLE			
X60	Import tariff		proportion	
X61	NTB		proportion	
X64	EXPORTABLE			
X66	Export Subsidy		proportion	
X67	NTB		proportion	
X70	NONRADABLE			
X72	DRAguesstimate		proportion	
X74				
X75	NON-AGRICULTURAL PRIMARY PRODUCERS			
X76	DRAguesstimate (non-agricultural primary production)			
X77	IMPORTABLE			
X78	Import tariff		proportion	
X79	NTB		proportion	
X82	EXPORTABLE			
X84	Export Subsidy		proportion	
X85	NTB		proportion	
X88	NONRADABLE			
X89	DRAguesstimate		proportion	
X92				
X93	NON-FOOD MANUFACTURES			
X94	DRAguesstimate (non-food manufactures)			
X95	IMPORTABLE			
X96	Import tariff		proportion	
X97	NTB		proportion	
X100	EXPORTABLE			
X102	Export Subsidy		proportion	
X103	NTB		proportion	
X106	NONRADABLE			
X108	DRAguesstimate		proportion	
X110	TOTAL NON AG (no services) DRA guess			
X111	SERVICES			
X112	DRAguesstimate (services)			
X113	IMPORTABLE			
X114	Import tariff		proportion	
X115	NTB		proportion	
X118	EXPORTABLE			
X120	Export Subsidy		proportion	
X121	NTB		proportion	
X124	NONRADABLE			
X126	DRAguesstimate		proportion	
X128				
X129	Exchange Rate Distortion: Please use an economy wide exchange rate here.			
X130	Exchange Rate Distortion (Importables, em)	proportion	Use the variable in row 334 (from the generic	
X131	Exchange Rate Distortion (Exportables, ex)	proportion	Use the variable in row 335 (from the generic	
X132				
X133	SECTION 2 (Endogenous Data) (TO BE automatically computed)			
X134	FOOD PROCESSORS I (lightly processed food products) (covered)			
X135	Nominal Direct Value of Assistance to Food Processors I (covered)			
X136	Importables			
X137	Processed Product1	LC	DRAp (Processed Product1,Importable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet
X138	Processed Product2	LC	DRAp (Processed Product2,Importable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet
X139	Processed Product3	LC	DRAp (Processed Product3,Importable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet
X140	Processed Product4	LC	DRAp (Processed Product4,Importable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet
X141	Processed Product5	LC	DRAp (Processed Product5,Importable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet
X142	ALL IMPORTABLE LIGHTLY PROCESSED FOOD (covered)	LC	SUM over all Nominal Direct Values of Assistance (Importable)	SUM(X137:X141)

X143					
X144	Exportables				
X145	Processed Product1	LC	DRAp (Processed Product1,Exportable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X146	Processed Product2	LC	DRAp (Processed Product2,Exportable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X147	Processed Product3	LC	DRAp (Processed Product3,Exportable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X148	Processed Product4	LC	DRAp (Processed Product4,Exportable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X149	Processed Product5	LC	DRAp (Processed Product5,Exportable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X150	ALL EXPORTABLE LIGHTLY PROCESSED FOOD (covered)	LC	SUM over all Nominal Direct Values of Assistance (Exportable)	SUM(X145:X149)	
X151					
X152	Nontradable				
X153	Processed Product1	LC	DRAp (Processed Product1,Nontradable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X154	Processed Product2	LC	DRAp (Processed Product2,Nontradable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X155	Processed Product3	LC	DRAp (Processed Product3,Nontradable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X156	Processed Product4	LC	DRAp (Processed Product4,Nontradable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X157	Processed Product5	LC	DRAp (Processed Product5,Nontradable)* Value of processed production (Processed	use the relevant cells from the generic spreadsheet	
X158	ALL NONTRADABLE LIGHTLY PROCESSED FOOD (covered)	LC	SUM over all Nominal Direct Values of Assistance (Non	SUM(X153:X157)	
X159					
X160	Total Nominal Direct Value of Assistance to Food Processors I (by Product) (covered)				
X161	Processed Product1	LC	SUM[Nominal Direct Value of Assistance of Processed Product1 (Imp),Nominal Direct Value of Assistance of Processed Product1 (Exp),Nominal Direct Value of Assistance of Processed Product1 (Nontradable)]	SUM(X137, X145, X153)	
X162	Processed Product2	LC	SUM[Nominal Direct Value of Assistance of Processed Product2 (Imp),Nominal Direct Value of Assistance of Processed Product2 (Exp),Nominal Direct Value of Assistance of Processed Product2 (Nontradable)]	SUM(X138, X146, X154)	
X163	Processed Product3	LC	SUM[Nominal Direct Value of Assistance of Processed Product3 (Imp),Nominal Direct Value of Assistance of Processed Product3 (Exp),Nominal Direct Value of Assistance of Processed Product3 (Nontradable)]	SUM(X139, X147, X155)	
X164	Processed Product4	LC	SUM[Nominal Direct Value of Assistance of Processed Product4 (Imp),Nominal Direct Value of Assistance of Processed Product4 (Exp),Nominal Direct Value of Assistance of Processed Product4 (Nontradable)]	SUM(X140, X148, X156)	
X165	Processed Product5	LC	SUM[Nominal Direct Value of Assistance of Processed Product5 (Imp),Nominal Direct Value of Assistance of Processed Product5 (Exp),Nominal Direct Value of Assistance of Processed Product5 (Nontradable)]	SUM(X141, X149, X157)	
X166	TOTAL LIGHTLY PROCESSED FOOD (covered)	LC	SUM over all Nominal Direct Value of Assistance of Lightly Processed Food (covered)	SUM(X161:X165)	
X167					
X168	DRA (lightly processed food production) (covered)				
X169	IMPORTABLE	proportion	SUM over all Nominal Direct Values of Assistance (Importable) / SUM over Value of Processed Production (Importables)	X142/SUM over Value of Processed Production (Importables)	
X170	EXPORTABLE	proportion	SUM over all Nominal Direct Values of Assistance (Exportable) / SUM over Value of Processed Production (Exportables)	X150/SUM over Value of Processed Production (Exportables)	
X171	NONTRADABLE	proportion	SUM over all Nominal Direct Values of Assistance (Nontradables) / SUM over Value of Processed Production (Nontradables)	X158/SUM over Value of Processed Production (Nontradables)	
X172	TOTAL DRA TO FOOD PROCESSORS I (covered)	proportion	SUM over all Nominal Direct Value of Assistance / SUM over Value of Processed Production	X166/SUM over Value of Processed Production	
X173					
X174	FOOD PROCESSORS I (REMAINING lightly processed food products) (non-covered)				
X175	DRA (REMAINING lightly processed food products) (non-covered)				
X176	IMPORTABLE	proportion	$(1+\text{Tariff}+\text{NTB}) \times (1+\text{Exchange rate distortion})$	$(1+X42+X43) \times (1+X130) - 1$	
X177	EXPORTABLE	proportion	$(1+\text{Subsidy}+\text{NTB}) \times (1 - \text{Exchange rate})$	$(1+X48+X49) \times (1-X131) - 1$	
X178	NONTRADABLE	proportion	DRAguesstimate	X54	
X179	TOTAL DRA TO FOOD PROCESSORS I (REMAINING) (non-covered)	proportion	DRAprcl(Imp)*Share of Importable in non-covered lightly processed food production + DRAprcl(Exp)*Share of Exportable in non-covered lightly processed food production +	X5/SUM(X5:X7)*X176+X6/SUM(X5:X7)*X177+X7/SUM(X5:X7)*X178	
X180	FOOD PROCESSORS I (lightly processed food products) (non-covered and covered)				
X181	Value of Lightly Processed Food Production (TOTAL) (non-covered and covered)				
X182	Importables	LC	SUM over Value of Lightly Processed Production (Importables) + Value of Remaining Processed Production	SUM over Value of Lightly Processed Production (Importables) + X5	
X183	Exportables	LC	SUM over Value of Lightly Processed Production (Exportables) + Value of Remaining Processed Production	SUM over Value of Lightly Processed Production (Exportables) + X6	
X184	Nontradables	LC	SUM over Value of Lightly Processed Production (Non-Tradables) + Value of Remaining Processed Production	SUM over Value of Lightly Processed Production (Nontradables) + X7	

X185	Total (non-covered and covered)	LC	SUM over Value of Lightly Processed Production (Total)	SUM(X182:X184)
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X186			
X187	Share of Importable, Exportable and Nontradable in total lightly processed food production (TOTAL) (non-covered and covered)		
X188	IMPORTABLE	proportion	$\frac{[\text{SUM over Value of Lightly Processed Production (Importables)} + \text{SUM over Value of Remaining Processed Production}]}{[\text{SUM over Value of Lightly Processed Production (Exportables)} + \text{SUM over Value of Remaining Processed Production}]}$ X182/X185
X189	EXPORTABLE	proportion	$\frac{[\text{SUM over Value of Lightly Processed Production (Exportables)} + \text{SUM over Value of Remaining Processed Production}]}{[\text{SUM over Value of Lightly Processed Production (Non-Tradables)} + \text{SUM over Value of Remaining Processed Production}]}$ X183/X185
X190	NONRADABLE	proportion	$\frac{[\text{SUM over Value of Lightly Processed Production (Non-Tradables)} + \text{SUM over Value of Remaining Processed Production}]}{[\text{SUM over Value of Lightly Proc Production (Imp)} + \text{SUM over Value of Remaining Proc Production (Imp)}] * \text{DRA}}$ X184/X185
X191			
X192	DRA (lightly processed food production) (TOTAL) (non-covered and covered)		
X193	IMPORTABLE	proportion	$\frac{\text{SUM over Value of covered lightly proc Production (Importables)}}{[\text{SUM over Value of Lightly Proc Production (Imp)} + \text{SUM over Value of Remaining Proc Production (Imp)}] * \text{DRA}}$ X182*X169 + X5/X182*X176
X194	EXPORTABLE	proportion	$\frac{\text{SUM over Value of covered lightly proc Production (Exportables)}}{[\text{SUM over Value of Lightly Proc Production (Exp)} + \text{SUM over Value of Remaining Proc Production (Exp)}] * \text{DRA}}$ X183*X170 + X6/X183*X177
X195	NONRADABLE	proportion	$\frac{\text{SUM over Value of covered lightly proc Production (Nontradables)}}{[\text{SUM over Value of Lightly Proc Production (NTR)} + \text{SUM over Value of Remaining Proc Production (NTR)}] * \text{DRA}}$ X184*X171 + X7/X184*X178
X196	TOTAL DRA TO FOOD PROCESSORS I (TOTAL) (non-covered and covered)	proportion	$\frac{\text{SUM over Value of Lightly Proc Production (NTR)} + \text{SUM over Value of Remaining Proc Production (NTR)} * \text{DRA} + \text{SUM over Value of Lightly Proc Production (Exp)} + \text{SUM over Value of Remaining Proc Production (Exp)} * \text{DRA} + \text{SUM over Value of Lightly Proc Production (Imp)} + \text{SUM over Value of Remaining Proc Production (Imp)} * \text{DRA}}{[\text{SUM over Value of Lightly Proc Production (Imp)} + \text{SUM over Value of Remaining Proc Production (Imp)}] * \text{DRA} + [\text{SUM over Value of Lightly Proc Production (Exp)} + \text{SUM over Value of Remaining Proc Production (Exp)}] * \text{DRA} + [\text{SUM over Value of Lightly Proc Production (NTR)} + \text{SUM over Value of Remaining Proc Production (NTR)}] * \text{DRA}}$ X188*X193 + X189*X194 + X190*X195
X197			
X198	FOOD PROCESSORS II (highly processed food products)		
X199	DRA (highly processed food production)		
X200	IMPORTABLE	proportion	$(1 + \text{Tariff} + \text{NTB}) * (1 + \text{Exchange rate distortion (em)}) - 1$ (1+X60+X61)*(1+X130) -1
X201	EXPORTABLE	proportion	$(1 + \text{Subsidy} + \text{NTB}) * (1 - \text{Exchange rate distortion (ex)}) - 1$ (1+X66+X67)*(1-X131) -1
X202	NONRADABLE	proportion	DRAguesstimate X72
X203	TOTAL DRA TO FOOD PROCESSORS II	proportion	$\frac{\text{DRAprocII(Exp)} * \text{Share of Exportable in total highly processed food production} + \text{DRAprocII(Exp)} * \text{Share of Exportable in total highly processed food production} + \text{DRAprocII(Exp)} * \text{Share of Exportable in total highly processed food production}}{\text{DRAprocII(Exp)} * \text{Share of Exportable in total highly processed food production} + \text{DRAprocII(Exp)} * \text{Share of Exportable in total highly processed food production} + \text{DRAprocII(Exp)} * \text{Share of Exportable in total highly processed food production}}$ X12*X200 + X13*X201 + X14*X202
X204			
X205	NON-AGRICULTURAL PRIMARY PRODUCERS		
X206	DRA (non-agricultural primary products)		
X207	IMPORTABLE	proportion	$(1 + \text{Tariff} + \text{NTB}) * (1 + \text{Exchange rate distortion (em)}) - 1$ (1+X78+X79)*(1+X130) -1
X208	EXPORTABLE	proportion	$(1 + \text{Subsidy} + \text{NTB}) * (1 - \text{Exchange rate distortion (ex)}) - 1$ (1+X84+X85)*(1-X131) -1
X209	NONRADABLE	proportion	DRAguesstimate X90
X210	TOTAL DRA TO NON-AGRICULTURAL PRIMARY PRODUCERS	proportion	$\frac{\text{DRAnonag(Exp)} * \text{Share of Exportable in total non-agricultural primary production} + \text{DRAnonag(Exp)} * \text{Share of Exportable in total non-agricultural primary production} + \text{DRAnonag(Exp)} * \text{Share of Exportable in total non-agricultural primary production}}{\text{DRAnonag(Exp)} * \text{Share of Exportable in total non-agricultural primary production} + \text{DRAnonag(Exp)} * \text{Share of Exportable in total non-agricultural primary production} + \text{DRAnonag(Exp)} * \text{Share of Exportable in total non-agricultural primary production}}$ X19*X207 + X20*X208 + X21*X209
X211			
X212	NON-FOOD MANUFACTURES		
X213	DRA (non-food manufactures)		
X214	IMPORTABLE	proportion	$(1 + \text{Tariff} + \text{NTB}) * (1 + \text{Exchange rate distortion (em)}) - 1$ (1+X96+X97)*(1+X130) -1
X215	EXPORTABLE	proportion	$(1 + \text{Subsidy} + \text{NTB}) * (1 - \text{Exchange rate distortion (ex)}) - 1$ (1+X102+X103)*(1-X131) -1
X216	NONRADABLE	proportion	DRAguesstimate X108
X217	TOTAL DRA TO NON-FOOD MANUFACTURES	proportion	$\frac{\text{DRAnonfood(Exp)} * \text{Share of Exportable in total non-food manufactures} + \text{DRAnonfood(Exp)} * \text{Share of Exportable in total non-food manufactures} + \text{DRAnonfood(Exp)} * \text{Share of Exportable in total non-food manufactures}}{\text{DRAnonfood(Exp)} * \text{Share of Exportable in total non-food manufactures} + \text{DRAnonfood(Exp)} * \text{Share of Exportable in total non-food manufactures} + \text{DRAnonfood(Exp)} * \text{Share of Exportable in total non-food manufactures}}$ X26*X214 + X27*X215 + X28*X216
X218	SERVICES		
X219	DRA (services)		
X220	IMPORTABLE	proportion	$(1 + \text{Tariff} + \text{NTB}) * (1 + \text{Exchange rate distortion (em)}) - 1$ (1+X114+X115)*(1+X130) -1
X221	EXPORTABLE	proportion	$(1 + \text{Subsidy} + \text{NTB}) * (1 - \text{Exchange rate distortion (ex)}) - 1$ (1+X120+X121)*(1-X131) -1
X222	NONRADABLE	proportion	DRAguesstimate X126
X223	TOTAL DRA TO SERVICES	proportion	$\frac{\text{DRAservices(Exp)} * \text{Share of Exportable in total services} + \text{DRAservices(Exp)} * \text{Share of Exportable in total services} + \text{DRAservices(Exp)} * \text{Share of Exportable in total services}}{\text{DRAservices(Exp)} * \text{Share of Exportable in total services} + \text{DRAservices(Exp)} * \text{Share of Exportable in total services} + \text{DRAservices(Exp)} * \text{Share of Exportable in total services}}$ X33*X220 + X34*X221 + X35*X222
X224			

X225		SHARES OF EACH SECTOR'S IMPORTABLE, EXPORTABLE AND NONTRADABLE IN TOTAL NON-AGRICULTURAL PRODUCTION	
X226	lightly processed agricultural products IMPORTABLE share in total NON-Agricultural production (TOTAL)	proportion	Share of Importable in total lightly processed food production * Share of lightly processed food production in total NON-Agricultural production X188 * X9
X227	lightly processed agricultural products EXPORTABLE share in total NON-Agricultural production (TOTAL)	proportion	Share of Exportable in total lightly processed food production * Share of lightly processed food production in total NON-Agricultural production X189 * X9
X228	lightly processed agricultural products NONTRADABLE share in total NON-Agricultural production (TOTAL)	proportion	Share of Nontradable in total lightly processed food production * Share of lightly processed food production in total NON-Agricultural production X190 * X9
X229	highly processed agricultural products IMPORTABLE share in total NON-Agricultural production	proportion	Share of Importable in total highly processed food production * Share of highly processed food production in total NON-Agricultural production X12 * X16
X230	highly processed agricultural products EXPORTABLE share in total NON-Agricultural production	proportion	Share of Exportable in total highly processed food production * Share of highly processed food production in total NON-Agricultural production X13 * X16
X231	highly processed agricultural products NONTRADABLE share in total NON-Agricultural production	proportion	Share of Nontradable in total highly processed food production * Share of highly processed food production in total NON-Agricultural production X14 * X16
X232	non-agricultural primary products IMPORTABLE share in total NON-Agricultural production	proportion	Share of Importable in total non-agricultural primary production * Share of non-agricultural primary production in total NON-Agricultural production X19 * X23
X233	non-agricultural primary products EXPORTABLE share in total NON-Agricultural production	proportion	Share of Exportable in total non-agricultural primary production * Share of non-agricultural primary production in total NON-Agricultural production X20 * X23
X234	non-agricultural primary products NONTRADABLE share in total NON-Agricultural production	proportion	Share of Nontradable in total non-agricultural primary food production * Share of non-agricultural primary food production in total NON-Agricultural production X21 * X23
X235	non-food manufactures IMPORTABLE share in total NON-Agricultural production	proportion	Share of Importable in total non-food manufactures * Share of non-food manufactures in total NON-Agricultural production X26 * X30
X236	non-food manufactures EXPORTABLE share in total NON-Agricultural production	proportion	Share of Exportable in total non-food manufactures * Share of non-food manufactures in total NON-Agricultural production X27 * X30
X237	non-food manufactures NONTRADABLE share in total NON-Agricultural production	proportion	Share of Nontradable in total non-food manufactures * Share of non-food manufactures in total NON-Agricultural production X28 * X30
X238	services IMPORTABLE share in total NON-Agricultural production	proportion	Share of Importable in total services * Share of services in total NON-Agricultural production X33 * X37
X239	services EXPORTABLE share in total NON-Agricultural production	proportion	Share of Exportable in total services * Share of services in total NON-Agricultural production X34 * X37
X240	services NONTRADABLE share in total NON-Agricultural production	proportion	Share of Nontradable in total services * Share of services in total NON-Agricultural production X35 * X37
X241			
X242		ALL NON-AGRICULTURAL SECTORS	
X243			
DRA to ALL NON-AGRICULTURAL SECTORS			
X244	IMPORTABLE	proportion	(lightly processed agricultural products IMP share in total IMP NON-Agr. production*DRAlightly proc imp)+(highly processed agricultural products IMP share in total IMP NON-Agr. production*DRAhightly proc imp)+... X226/SUM(X226,X229,X232,X235,X238) * X193 + X229/SUM(X226,X229,X232,X235,X238) * X200 + X232/SUM(X226,X229,X232,X235,X238) * X207 + X235/SUM(X226,X229,X232,X235,X238) * X214 + X238/SUM(X226,X229,X232,X235,X238) * X220
X245	EXPORTABLE	proportion	(lightly processed agricultural products EXP share in total EXP NON-Agr. production*DRAlightly proc exp)+(highly processed agricultural products EXP share in total EXP NON-Agr. Production*DRAhightly proc exp)+... X227/SUM(X227,X230,X233,X236,X239) * X194 + X230/SUM(X227,X230,X233,X236,X239) * X201 + X233/SUM(X227,X230,X233,X236,X239) * X208 + X236/SUM(X227,X230,X233,X236,X239) * X215 + X239/SUM(X227,X230,X233,X236,X239) * X221
X246	NONTRADABLE	proportion	(lightly processed agricultural products NTR share in total NTR NON-Agr. production*DRAlightly proc ntr)+(highly processed agricultural products NTR share in total NTR NON-Agr. production*DRAhightly proc ntr)+... X228/SUM(X228,X231,X234,X237,X240) * X195 + X231/SUM(X228,X231,X234,X237,X240) * X202 + X234/SUM(X228,X231,X234,X237,X240) * X209 + X237/SUM(X228,X231,X234,X237,X240) * X216 + X240/SUM(X228,X231,X234,X237,X240) * X222
X247	TOTAL DRA TO ALL NON-AGRICULTURE	proportion	Share of lightly proc prod. in total NON-Agr. production*DRAlightly proc + Share of highly proc prod. in total NON-Agr. production*DRAhightly proc + Share of non-... X196*X9 + X203*X16 + X210*X23 + X217*X30 + X223*X37
X248		DRA_{nt} (DRA for tradable non-agricultural products) & ABI_p (Anti-trade Bias Index among lightly processed agricultural goods)	

X249	DRAN_t (DRA for tradable non-agricultural products)	proportion	DRA of all NONAG IMP*(SUM of all shares of IMP NONAG products) + DRA of all NONAG EXP*(SUM of all shares of EXP NONAG products)	$\frac{X244*(X226+X229+X232+X235+X238)}{27+X229+X230+X232+X233+X235+X236+X238+X239} + \frac{X245*(X227+X230+X233+X236+X239)}{27+X229+X230+X232+X233+X235+X236+X238+X239}$	n.a.
X250	1+DRAN _t	proportion		1+X249	#VALUE!
X251	ABI_p (Anti-trade Bias Index among lightly proc. ag. goods) = $[(1 + DRA_{pm}) / (1 + DRA_{px})] - 1$	proportion	Ratio of (1+DRA of non-covered and covered lightly processed AG IMP) / (1+DRA of non-	$(1+X193)/(1+X194)$	

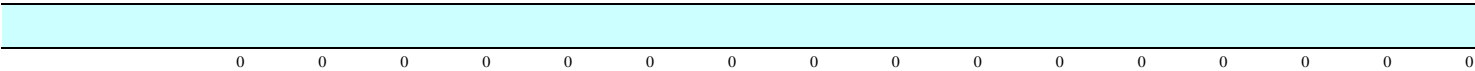
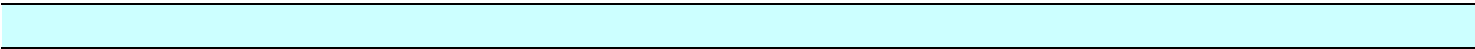




1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975

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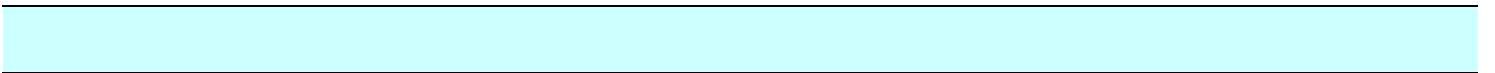


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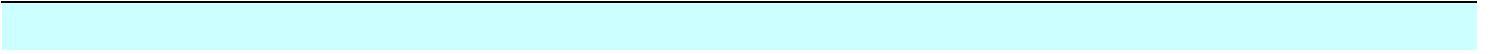


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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0





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#VALUE!	#VALUE!	1.19	1.19	1.19	1.19	1.19	1.19	1.22215577	1.20270452	1.19353088	1.20870218	1.20290356	1.24061739	1.15480305	1.11485888	1.10253478	1.13129916
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

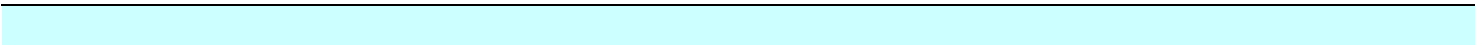
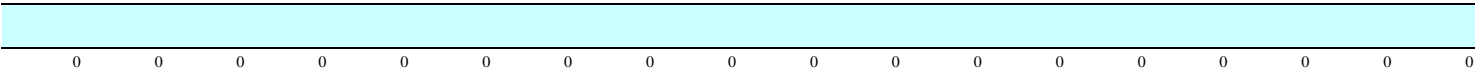
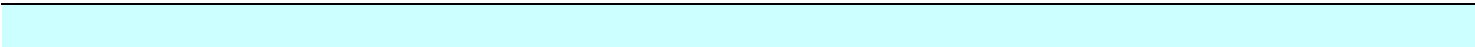
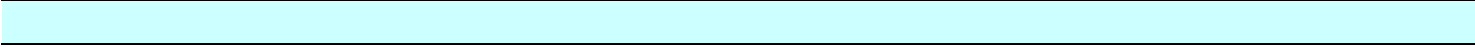




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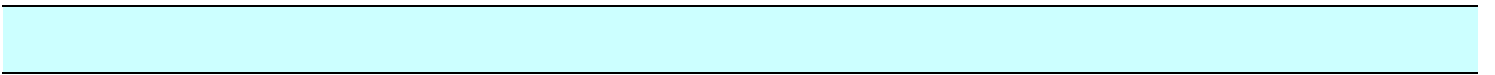
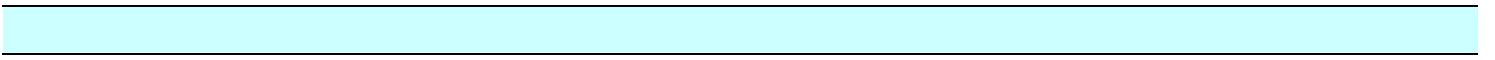
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0.49295775 0.49295775 0.49295775 0.49295775 0.48684211 0.48684211 0.48684211 0.48684211 0.48684211 0.55263158 0.55263158 0.55263158 0.55263158 0.55263158 0.57692308 0.57692308 0.57692308 0.57692308



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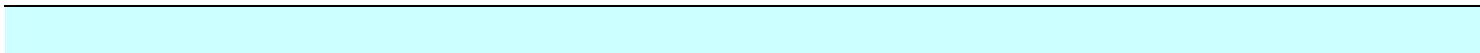




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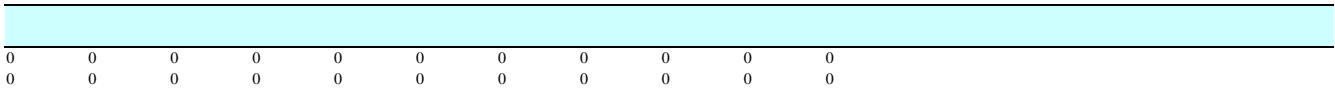
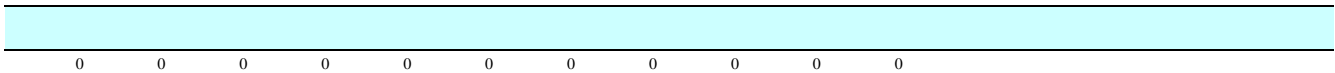
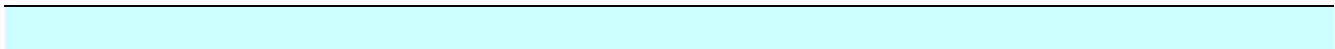


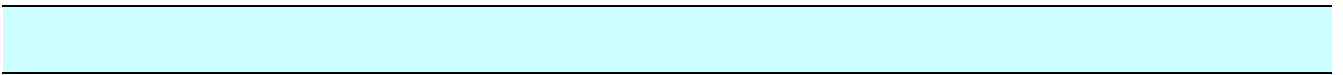


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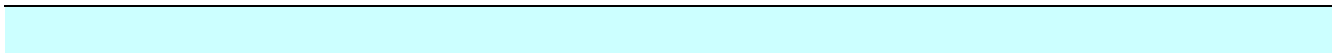




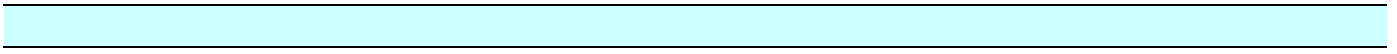
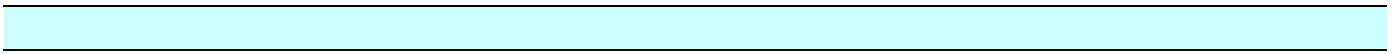
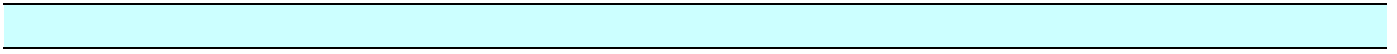
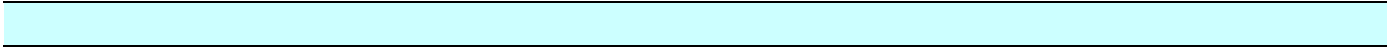
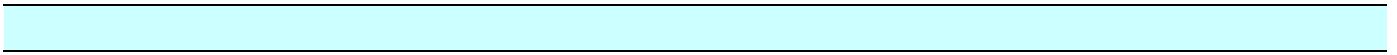
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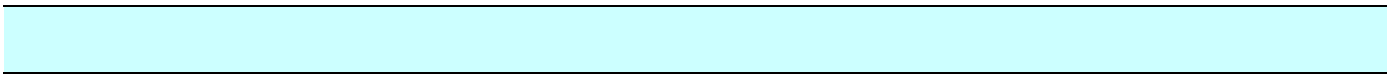
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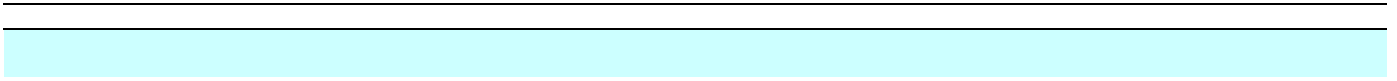
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.
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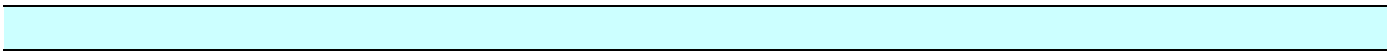
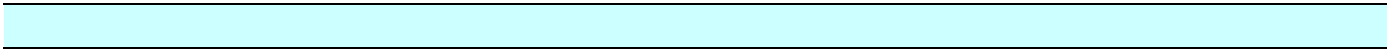
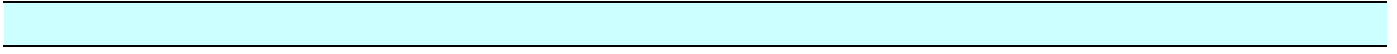




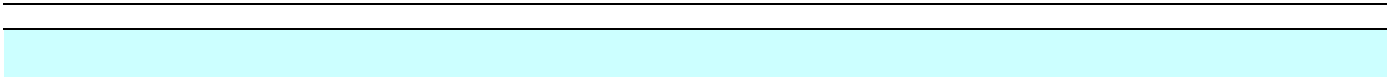




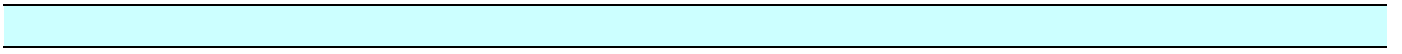
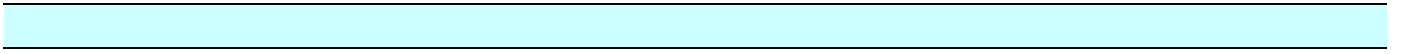
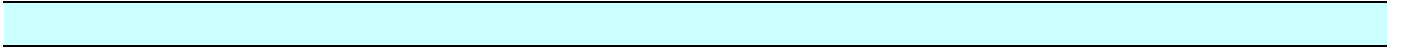


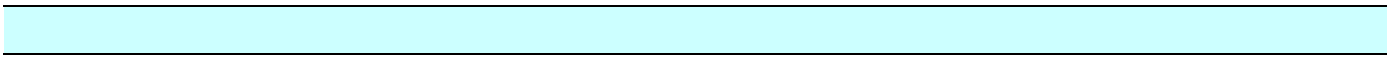


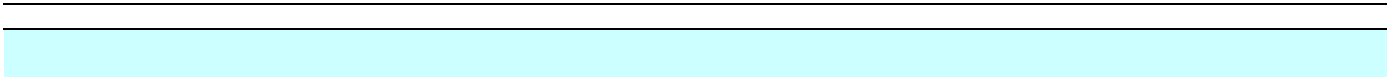




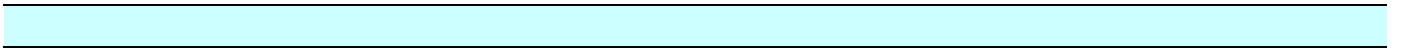
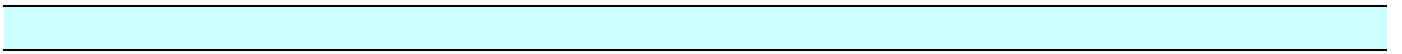
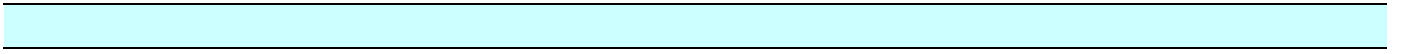
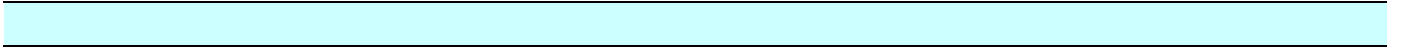
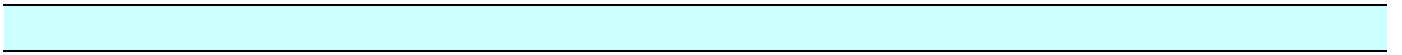




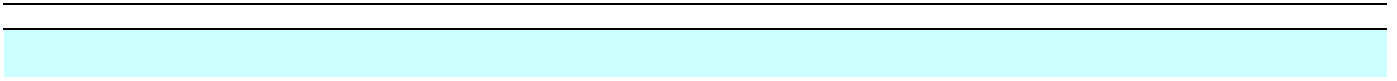




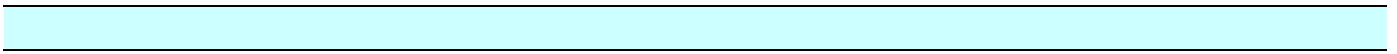
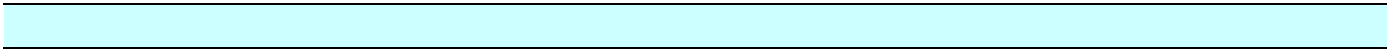
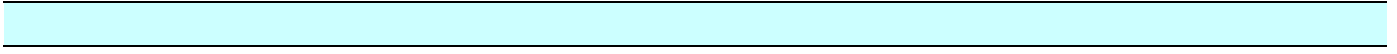




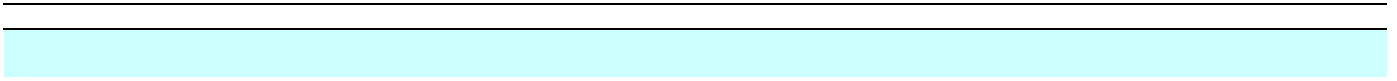




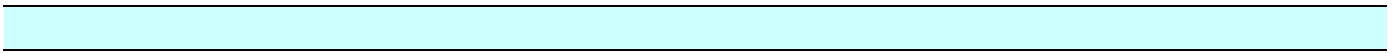
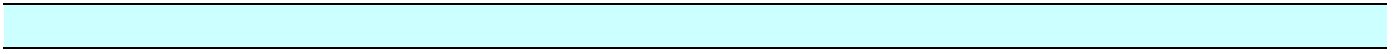
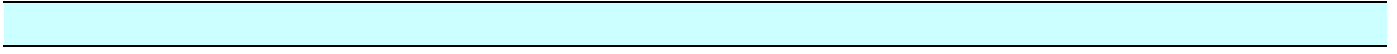
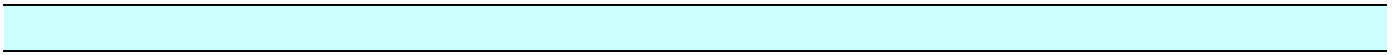


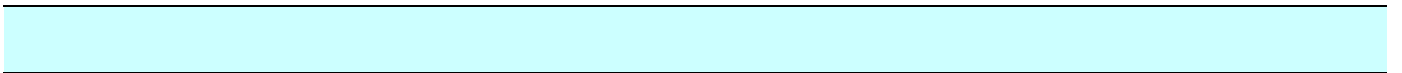


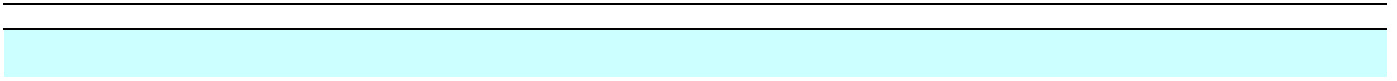




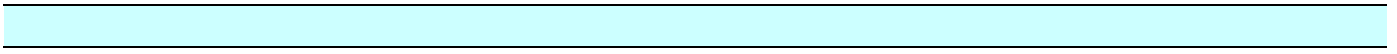
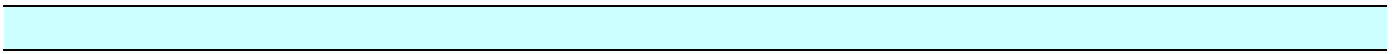
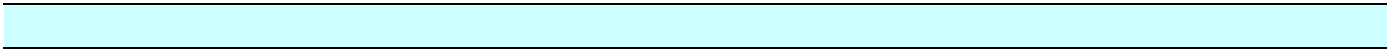
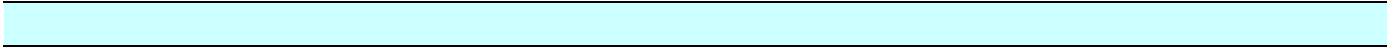


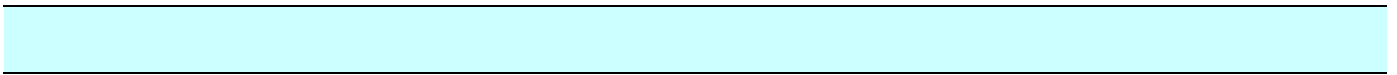


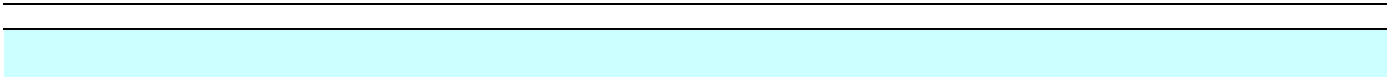




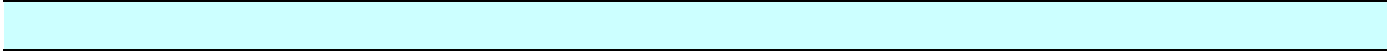
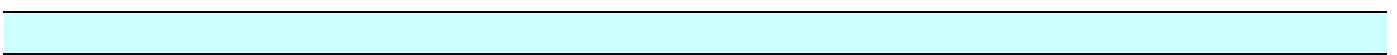
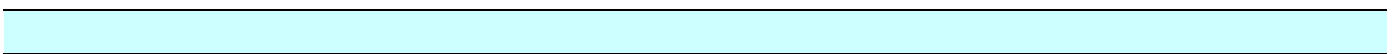
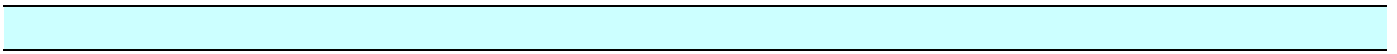
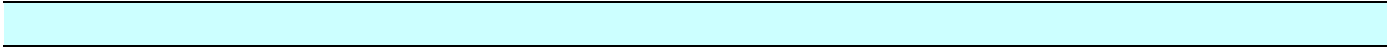




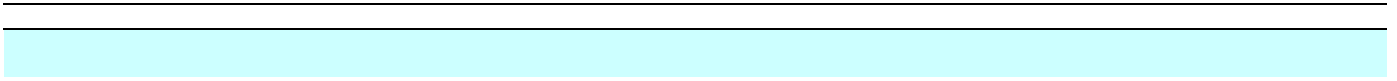




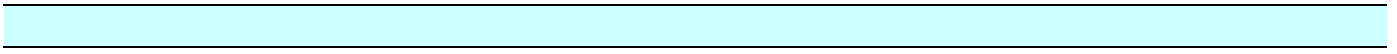
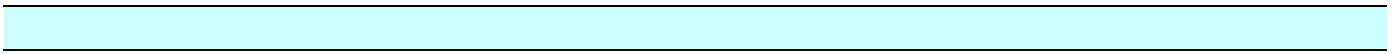
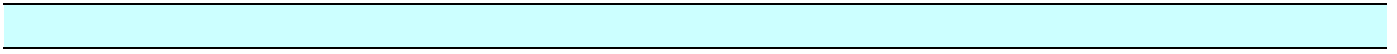
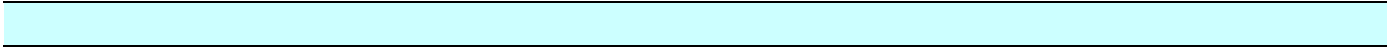
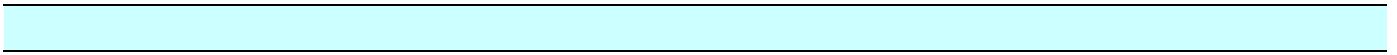


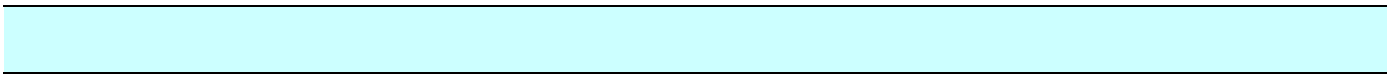


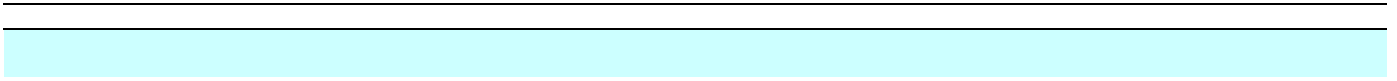




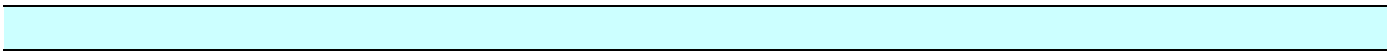
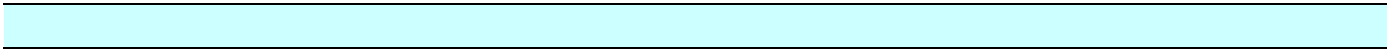
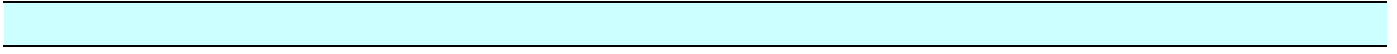




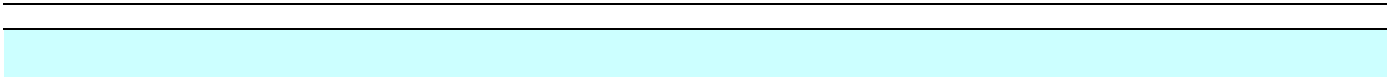




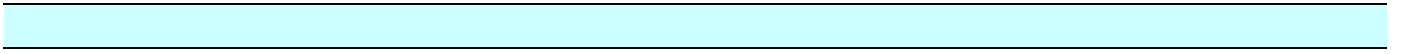
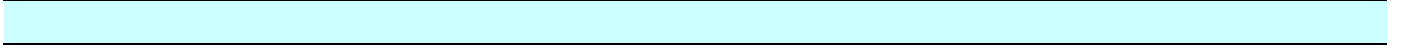


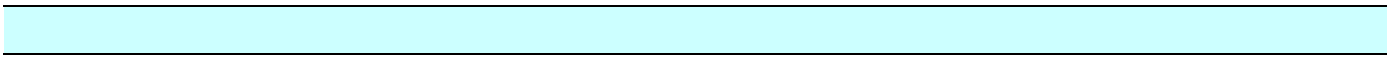


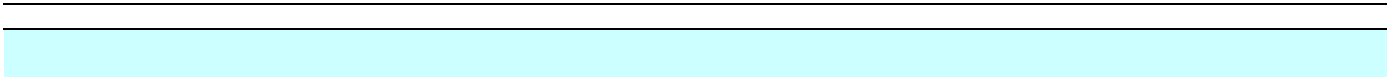




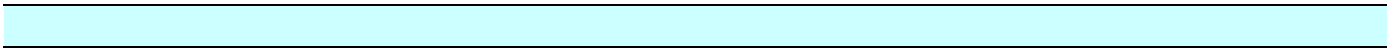
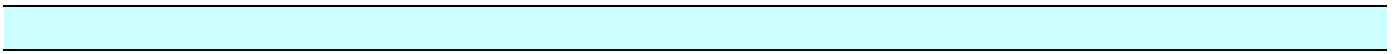
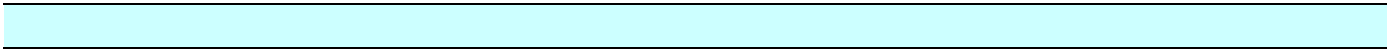
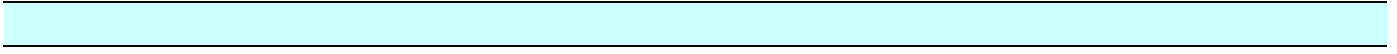




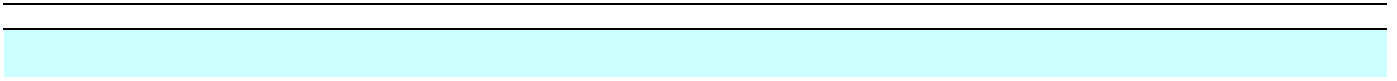




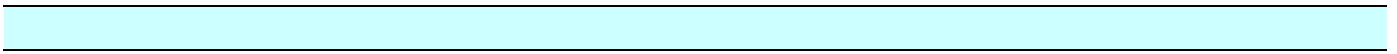
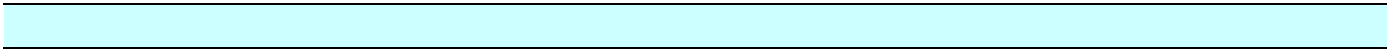
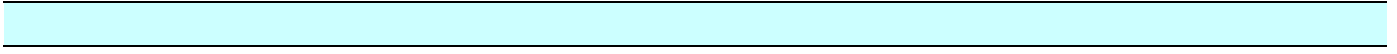


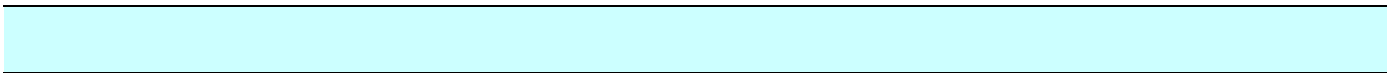


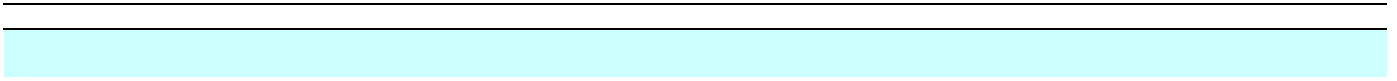




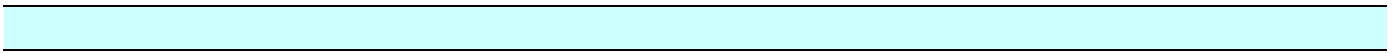
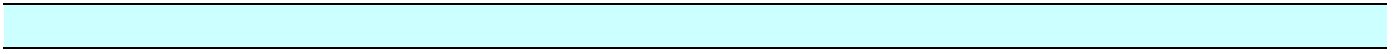
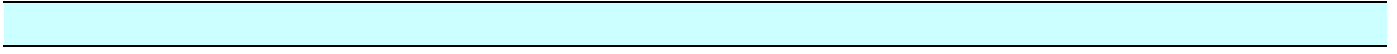
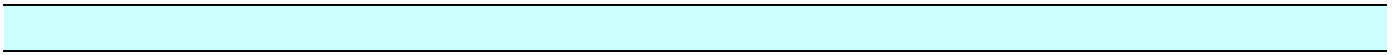




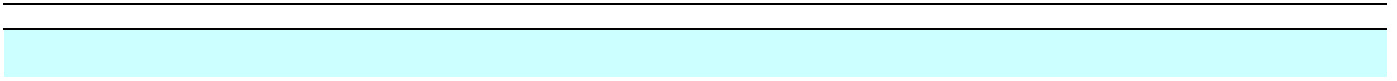




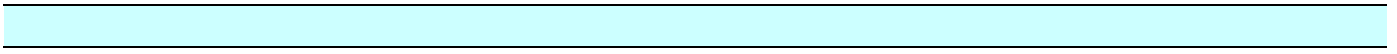
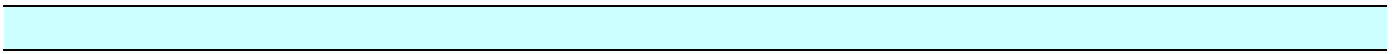
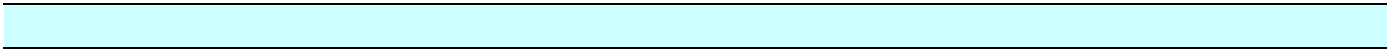
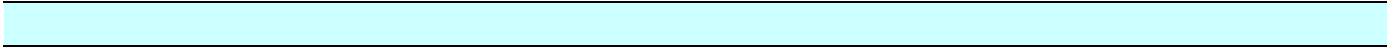


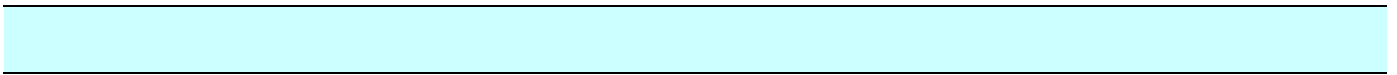


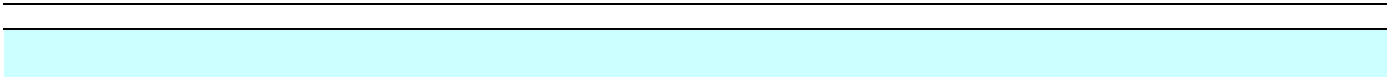




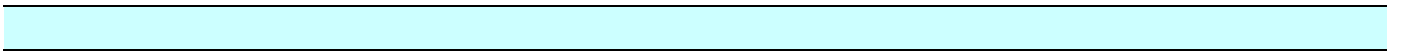
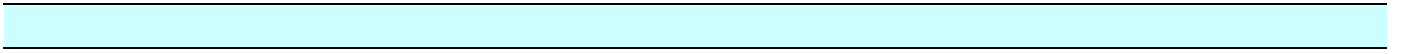
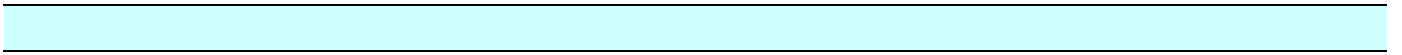




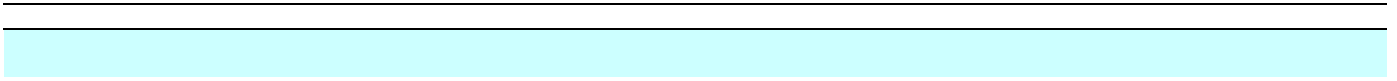




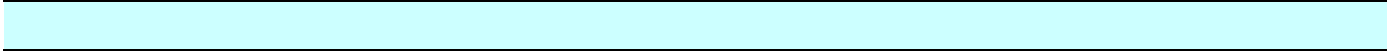
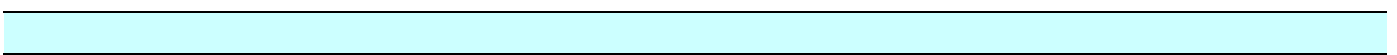
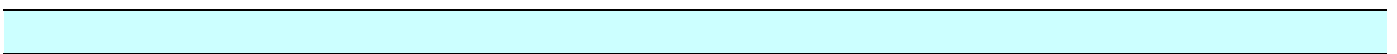
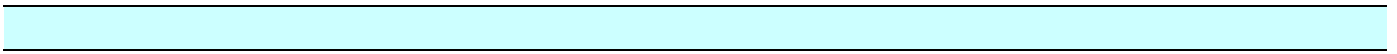
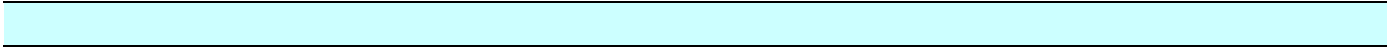
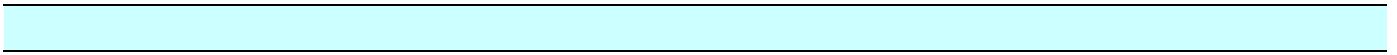


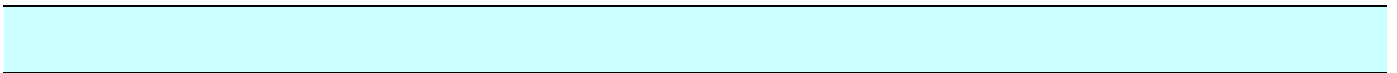


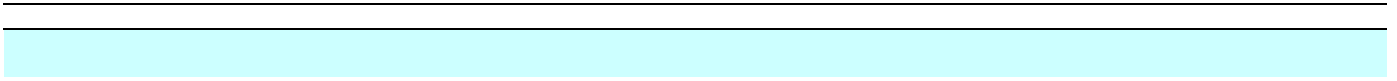




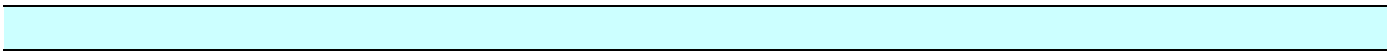
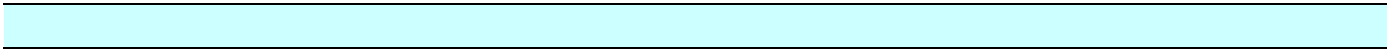
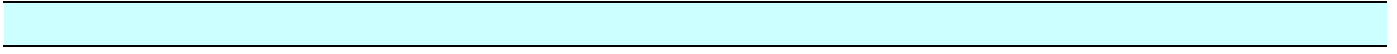




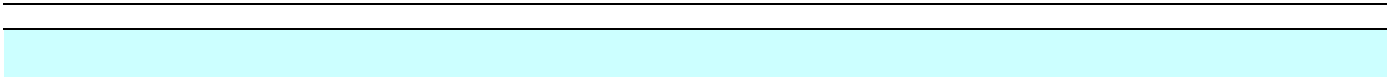




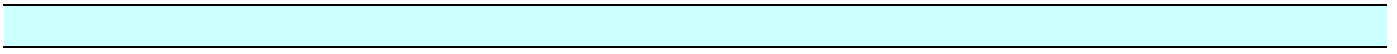
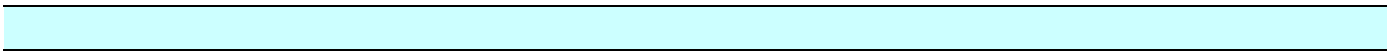
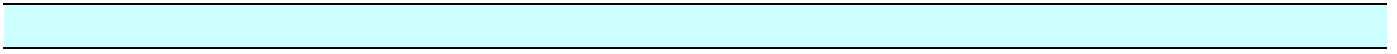
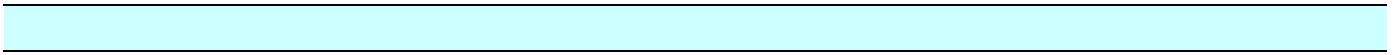


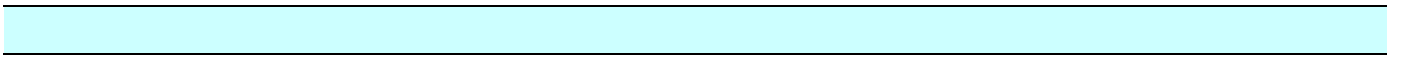


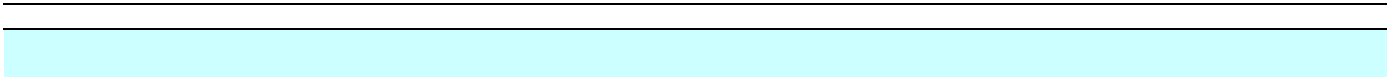




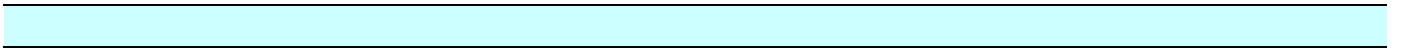
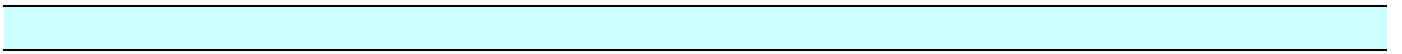
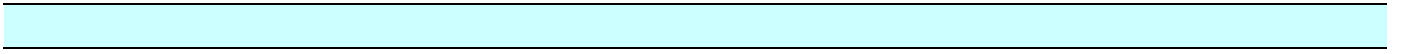
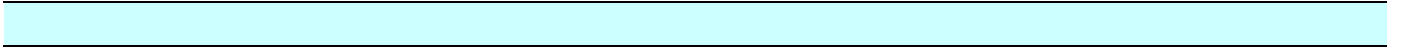
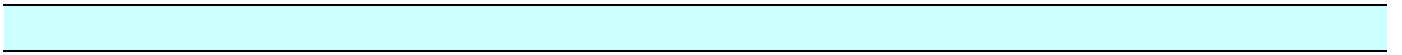




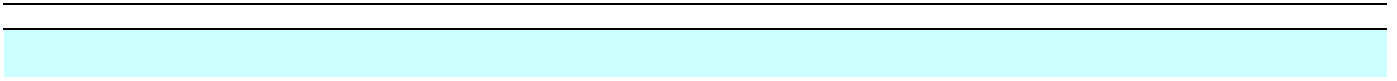




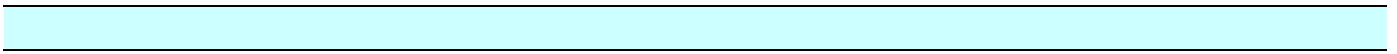
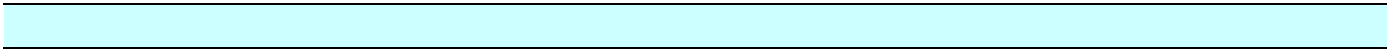
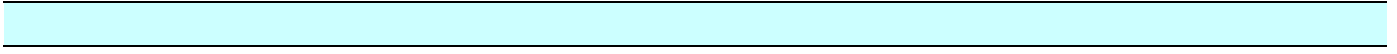




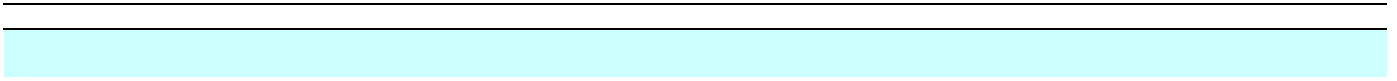




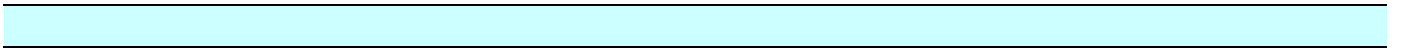
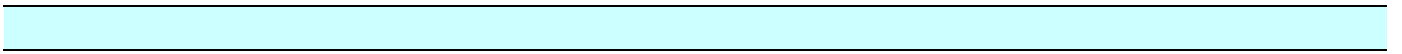
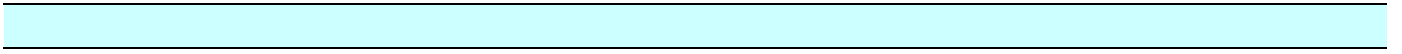
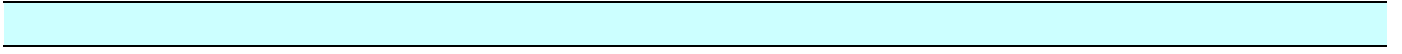
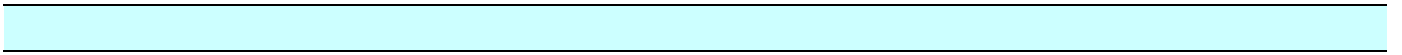




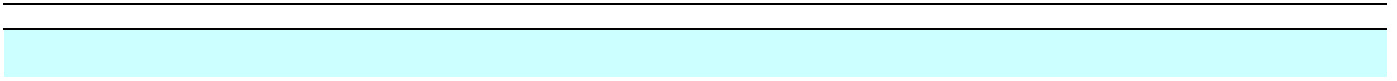




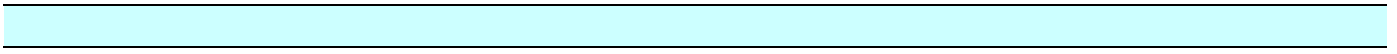
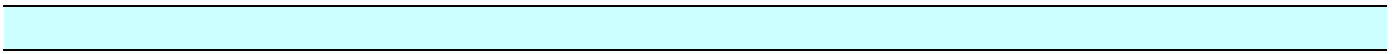
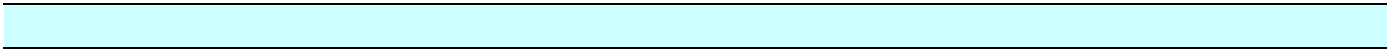
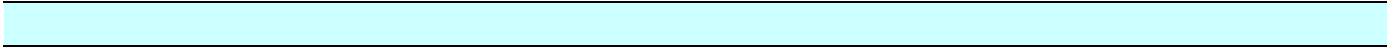


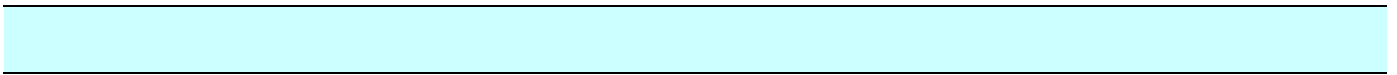


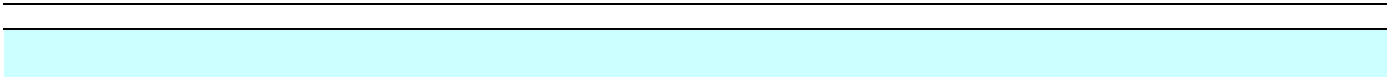




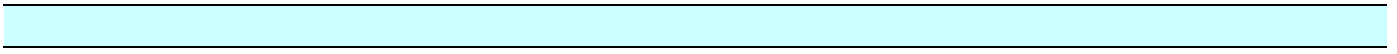
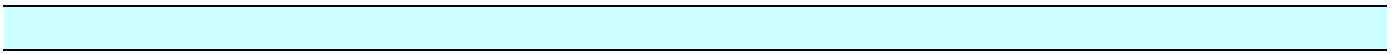
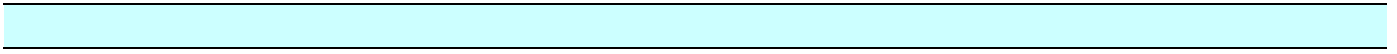
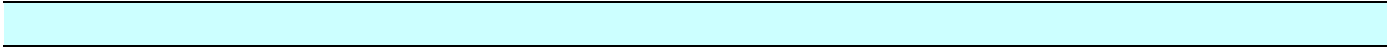




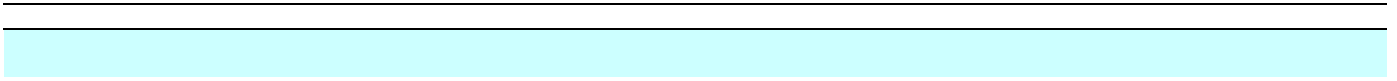


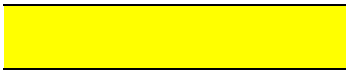


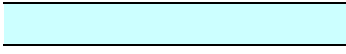
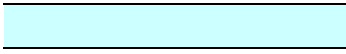












Nominal rates of assistance to agricultural industries, Philippines, 1960-2004

	1960-64	1965-69	1970-74	1975-79	1980-84	1985-89	1990-94	1995-99	2000-04
Importables									
Rice	-3.4	-1.4	-9.7	-17.9	-16.3	14.5	20.9	52.7	50.7
Maize	0.5	38.4	14.0	24.3	20.1	59.8	62.6	78.5	54.5
Beef	15.0	15.0	12.0	10.0	5.0	17.0	28.0	28.0	10.0
Pigs	-30.0	13.6	3.2	-5.5	35.8	51.0	25.1	20.6	-8.3
Chicken	8.9	67.1	28.9	28.1	38.4	42.9	56.5	42.2	52.1
Sugar	-8.2	120.7	-11.7	-1.7	59.5	123.2	49.3	97.2	79.3
Exportables									
Coconut	-24.4	-20.2	-25.3	-16.7	-27.1	-20.6	-15.3	-7.8	-14.1
Banana	0.0	0.0	-4.0	-4.0	-4.0	-0.8	0.0	0.0	0.0
Importables	-1.1	17.4	-5.6	-5.8	2.2	30.2	25.1	48.1	31.4
Exportables	-9.0	-7.6	-14.3	-14.6	-22.6	-16.5	-11.4	-5.4	-8.7
Total of above	-1.9	15.3	-6.5	-8.1	-5.1	16.1	17.5	37.9	24.9
Standard deviation	17.1	29.6	25.2	22.3	28.6	29.9	27.5	27.9	30.4
Coefficient of variation	-901.0	193.5	-386.3	-276.4	-557.5	186.2	157.5	73.5	122.4
Share of above products in total gross value of agricultural production*	78.0	79.0	78.7	73.7	72.5	73.4	77.2	77.3	80.0

* Share is calculated at undistorted prices

Table ?: Nominal rates of assistance to agricultural relative to non-agricultural industries, Philippines, time coverage

	55-59	1960-64	1965-69	1970-74	1975-79	1980-84	1985-89	1990-94	1995-99	2000-04
Covered products	#VALUE!	-1.9	15.3	-6.5	-8.1	-5.1	16.1	17.5	37.9	24.9
Non-covered products	#VALUE!	-0.4	5.8	-2.3	-2.4	0.3	10.0	8.4	16.0	12.3
All agriculture	#VALUE!	-1.6	13.3	-5.6	-6.6	-3.6	14.4	15.4	33.0	26.0
Non-product specific input assistance (NPS)	#VALUE!	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total agriculture incl. NPS	#VALUE!	-1.6	13.3	-5.6	-6.6	-3.6	14.4	15.4	33.0	26.0
Trade bias index ^c	#DIV/0!	-0.03	-0.18	0.04	-0.03	-0.15	-0.31	-0.26	-0.34	-0.31
Assistance to tradables										
All agriculture	#DIV/0!	-1.7	14.3	-6.0	-7.2	-4.0	15.8	16.7	35.7	27.9
All non-agriculture	0.00	19.0	20.3	16.3	16.3	12.9	11.0	9.9	8.6	7.3
RRA	#DIV/0!	-17.4	-5.0	-19.8	-20.3	-14.9	4.3	6.1	24.9	19.1

	1960	1961	1962	1963	1964	1965
Rice	#VALUE!	#VALUE!	1317944257	1300852132	1276300481	1364347444
Maize	#VALUE!	#VALUE!	294331452	321157221.8	331968864.2	331907004
Sugar	#VALUE!	#VALUE!	99159202.71	128285477.65	196363706.99	259826289.35
Beef		#VALUE!	243369547.8	139776000	149190260.9	159969521.7
Pigs			396532502.1	432613965.8	502613721.9	534630508.5
Chicken		#VALUE!	167087799.5	148718471.1	143795639.6	154837501.3
Coconut	#VALUE!	#VALUE!	87041024.43	109105174.5	114821925.2	132580557.2
Banana			175253000	179383750	178909200	177535250
Total of above	#VALUE!	#VALUE!	2605465785	2580508443	2715054600	2938098826
Non-covered	0	0	784305298	778431131	816246200	878768586
Total	#VALUE!	#VALUE!	3389771084	3358939574	3531300800	3816867412

	1960	1961	1962	1963	1964	1965
Rice	#VALUE!	#VALUE!	39	39	36	36
Maize	#VALUE!	#VALUE!	9	10	9	9
Sugar	#VALUE!	#VALUE!	3	4	6	7
Beef	#VALUE!	#VALUE!	7	4	4	4
Pigs			12	13	14	14
Chicken		#VALUE!	5	4	4	4
Coconut	#VALUE!	#VALUE!	3	3	3	3
Banana			5	5	5	5
Total of above	#VALUE!	#VALUE!	77	77	77	77
Non-covered	#VALUE!	#VALUE!	23	23	23	23
Total	#VALUE!	#VALUE!	100	100	100	100

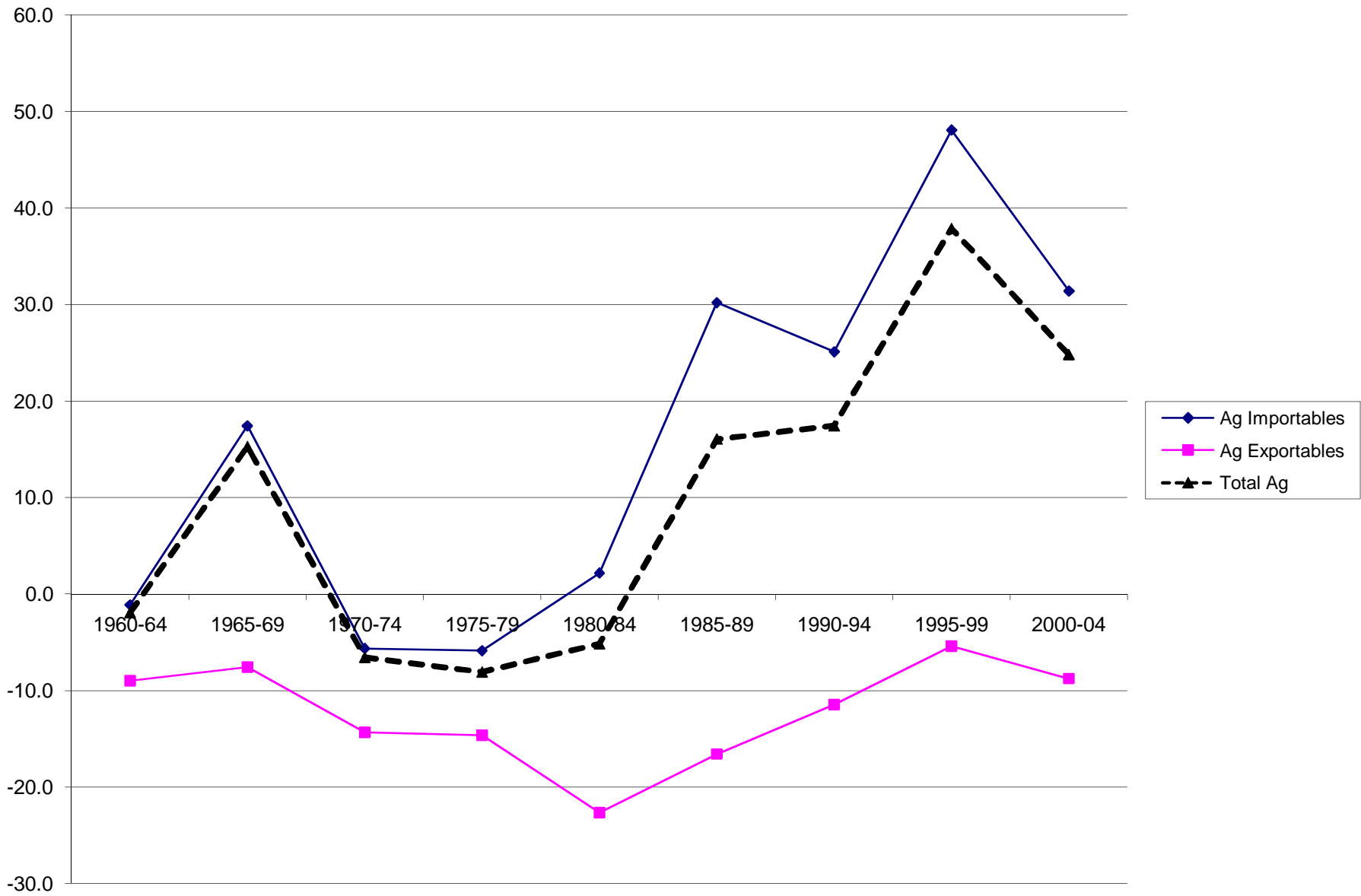
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1.22287E+11	1.42691E+11	1.58083E+11	2.14864E+11
24820748525	26551707940	31634276464	40701047079
#####	#####	#####	#####
26194123977	24418562662	25904620817	26133128937
77513457125	1.02737E+11	1.24167E+11	1.4826E+11
6805909893	7051071100	7621165331	8885891495
28357552929	41833283120	41386565109	72457156327
21255284400	23842213520	27220713390	29845360000
3.1235E+11	3.6545E+11	4.12379E+11	5.37105E+11
82840520757	92560447599	109008789542	140588222887
395190354565	458010757409	521387938518	677693139932

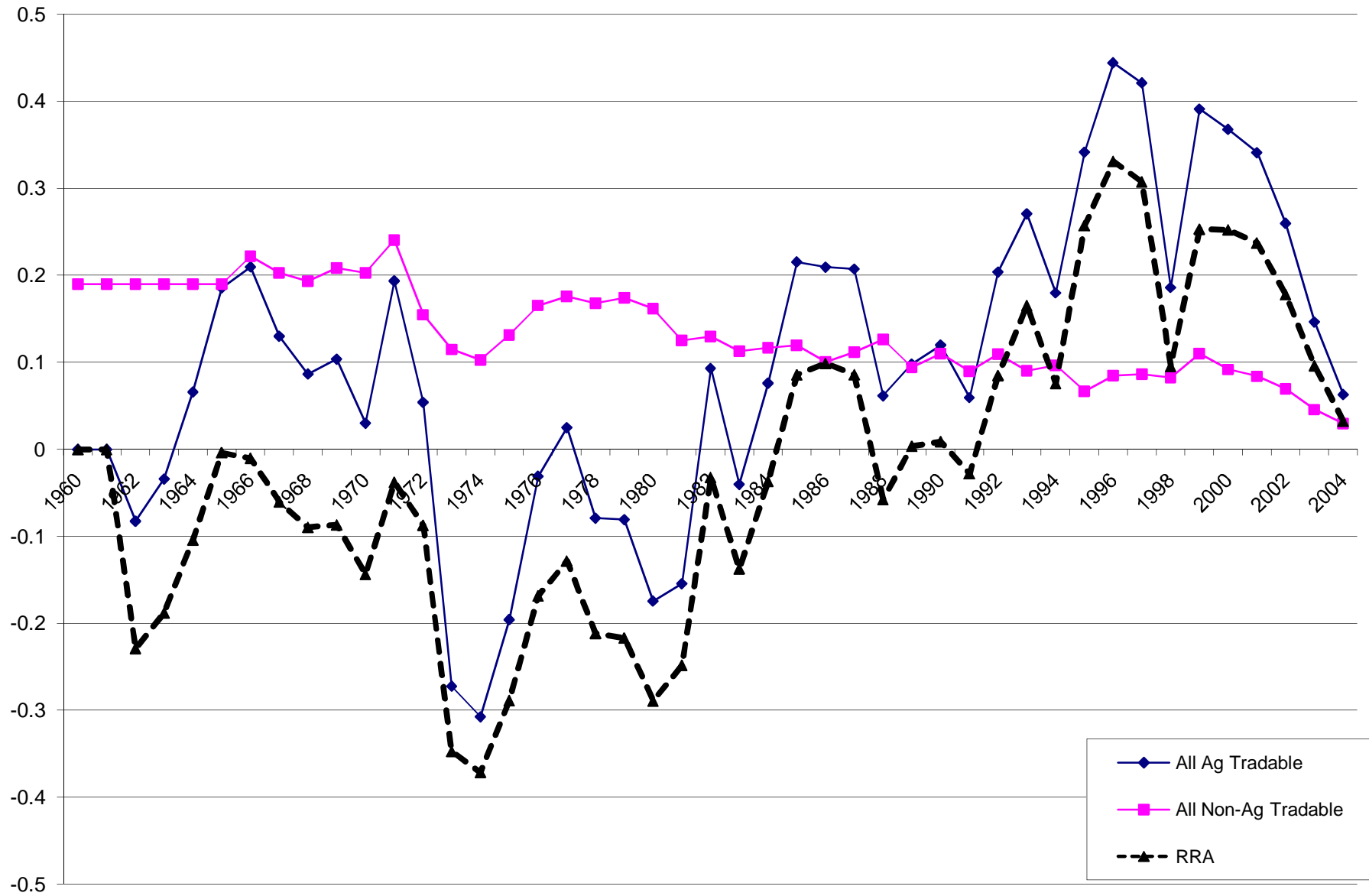
2001	2002	2003	2004
31	31	30	32
6	6	6	6
7	4	5	4
7	5	5	4
20	22	24	22
2	2	1	1
7	9	8	11
5	5	5	4
79	80	79	79
21	20	21	21
100	100	100	100

	Rice	Maize	Sugar	Beef	Pigs	Chicken	Coconut	Banana	Total of ab	Non-cover
1962	39	9	3	7	12	5	3	5	77	23
1963	39	10	4	4	13	4	3	5	77	23
1964	36	9	6	4	14	4	3	5	77	23
1965	36	9	7	4	14	4	3	5	77	23
1966	38	9	6	4	14	5	2	4	78	22
1967	44	7	6	4	13	4	3	4	80	20
1968	46	7	6	3	10	3	3	4	79	21
1969	40	8	11	3	9	3	3	5	77	23
1970	32	12	13	4	11	3	3	4	77	23
1971	32	12	16	3	12	3	3	6	80	20
1972	28	9	18	3	12	2	4	4	76	24
1973	35	10	17	2	8	2	4	2	78	22
1974	42	11	11	3	6	1	5	3	79	21
1975	30	10	16	2	7	1	9	3	76	24
1976	26	10	15	2	6	1	13	2	74	26
1977	26	7	10	2	9	1	15	2	71	29
1978	29	7	7	3	9	1	15	3	71	29
1979	26	7	9	2	7	1	22	4	74	26
1980	29	7	11	4	6	1	14	4	71	29
1981	30	7	11	3	6	1	12	3	71	29
1982	26	8	9	4	8	1	15	4	72	28
1983	24	9	7	4	8	1	17	4	70	30
1984	22	9	5	3	10	1	23	4	73	27
1985	24	11	4	3	7	1	25	4	74	26
1986	25	10	6	3	10	1	15	5	69	31
1987	27	8	5	3	10	1	15	4	71	29
1988	28	9	7	3	9	1	18	5	74	26
1989	28	8	9	3	10	1	13	4	73	27
1990	24	9	9	3	12	2	14	4	73	27
1991	37	7	6	3	12	1	11	4	77	23
1992	32	7	7	3	14	1	13	4	77	23
1993	30	7	8	4	14	1	13	4	77	23
1994	37	6	7	3	12	1	11	5	77	23
1995	34	6	6	3	19	1	9	4	78	22
1996	34	7	6	4	14	2	10	4	77	23

1997	34	6	6	4	13	2	11	5	76	24
1998	29	5	5	5	17	2	11	4	74	26
1999	33	5	3	6	15	2	12	6	76	24
2000	31	6	5	8	18	2	9	5	78	22
2001	31	6	7	7	20	2	7	5	79	21
2002	31	6	4	5	22	2	9	5	80	20
2003	30	6	5	5	24	1	8	5	79	21
2004	32	6	4	4	22	1	11	4	79	21

100
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	2022		2021		2020			
	2022	2021	2020	2019	2020	2019	2018	2017
Operating income	1,234	1,123	1,012	901	890	789	678	567
Operating expenses	(876)	(765)	(654)	(543)	(432)	(321)	(210)	(109)
Operating profit	358	358	358	358	458	468	468	468
Other income	123	123	123	123	123	123	123	123
Other expenses	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)
Income before taxes	436	436	436	436	536	546	546	546
Tax expense	(123)	(123)	(123)	(123)	(123)	(123)	(123)	(123)
Income after taxes	313	313	313	313	413	423	423	423
Net income	313	313	313	313	413	423	423	423
Other comprehensive income	123	123	123	123	123	123	123	123
Other comprehensive expenses	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)
Comprehensive income	268	268	268	268	368	378	378	378
Other comprehensive income	123	123	123	123	123	123	123	123
Other comprehensive expenses	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)
Comprehensive income	268	268	268	268	368	378	378	378

Weights used to compute for average NRA for agriculture based on value of production at border prices

	1960	1961	1962	1963	1964	1965
Major commodities:						
Palay	0.24682	0.24682	0.24682	0.24682	0.24682	0.24682
Corn	0.06364	0.06364	0.06364	0.06364	0.06364	0.06364
Coconut including copra n	0.13638	0.13638	0.13638	0.13638	0.13638	0.13638
Sugarcane including musc	0.04063	0.04063	0.04063	0.04063	0.04063	0.04063
Hog	0.16148	0.16148	0.16148	0.16148	0.16148	0.16148
Cattle	0.03839	0.03839	0.03839	0.03839	0.03839	0.03839
Chicken	0.01336	0.01336	0.01336	0.01336	0.01336	0.01336
	0.70070	0.70070	0.70070	0.70070	0.70070	0.70070
Others:	0.19664	0.19664	0.19664	0.19664	0.19664	0.19664
Banana	0.03662	0.03662	0.03662	0.03662	0.03662	0.03662
Pineapple	0.01498	0.01498	0.01498	0.01498	0.01498	0.01498
Mango	0.02674	0.02674	0.02674	0.02674	0.02674	0.02674
Tobacco	0.00737	0.00737	0.00737	0.00737	0.00737	0.00737
Abaca	0.00408	0.00408	0.00408	0.00408	0.00408	0.00408
Rootcrops	0.02305	0.02305	0.02305	0.02305	0.02305	0.02305
Selected protected coffee :	0.00838	0.00838	0.00838	0.00838	0.00838	0.00838
Other importable fruits and	0.09428	0.09428	0.09428	0.09428	0.09428	0.09428
Other agriculture	0.08381	0.08381	0.08381	0.08381	0.08381	0.08381
	0.29930	0.29930	0.29930	0.29930	0.29930	0.29930
TOTAL	1.89734	1.89734	1.89734	1.89734	1.89734	1.89734
VoP at border prices	951467919.1	1040512238	1213955270	1294029190	1337592218	1337342966

Notes:

Basic data from the input-output tables, ie, 1961 (1960-1965), 1969 (1966-1971), 1974 (1972-1976), 1979 (1977-1980). Selected protected coffee and vegetables included onions, garlic, potatoes, and cabbage.

Values of Production at undistorted prices

	1960	1961	1962	1963	1964	1965
Major commodities:	70%					
Palay	234842626	256820668	299630116	319394072	330146358	330084838
Corn	60548468	66214973	77252350	82348006	85120222	85104360
Coconut including copra n	129762254	141906217	165560571	176481142	182422316	182388323
Sugarcane including musc	38659879	42277913	49325220	52578770	54348815	54338687
Hog	153647199	168026465	196034803	208965490	216000238	215959988
Cattle	36522987	39941036	46598809	49672522	51344729	51335162
Chicken	12706930	13896124	16212470	17281863	17863651	17860322
VoP of 70%	666690343	729083395	850614339	906721863	937246329	937071679
Others:	30%					
Banana						
Pineapple						
Mango						
Tobacco						
Abaca						
Rootcrops						

Selected protected coffee and vegetables**Other importable fruits and vegetables****Other agriculture****VoP of 30%**

285724433 312464312 364549003 388595084 401676998 401602148

Shares in covered

Palay	0.352251429	0.35225143	0.35225143	0.35225143	0.35225143	0.35225143
Corn	0.090819477	0.09081948	0.09081948	0.09081948	0.09081948	0.09081948
Coconut including copra n	0.194636469	0.19463647	0.19463647	0.19463647	0.19463647	0.19463647
Sugarcane including musc	0.05798776	0.05798776	0.05798776	0.05798776	0.05798776	0.05798776
Hog	0.230462613	0.23046261	0.23046261	0.23046261	0.23046261	0.23046261
Cattle	0.054782534	0.05478253	0.05478253	0.05478253	0.05478253	0.05478253
Chicken	0.019059718	0.01905972	0.01905972	0.01905972	0.01905972	0.01905972

Banana	0.122337853	0.12233785	0.12233785	0.12233785	0.12233785	0.12233785
Pineapple	0.0500633	0.0500633	0.0500633	0.0500633	0.0500633	0.0500633
Mango	0.089338421	0.08933842	0.08933842	0.08933842	0.08933842	0.08933842
Tobacco	0.024614412	0.02461441	0.02461441	0.02461441	0.02461441	0.02461441
Abaca	0.013641169	0.01364117	0.01364117	0.01364117	0.01364117	0.01364117
Rootcrops	0.077000533	0.07700053	0.07700053	0.07700053	0.07700053	0.07700053
Selected protected coffee :	0.028000194	0.02800019	0.02800019	0.02800019	0.02800019	0.02800019
Other importable fruits and	0.315002181	0.31500218	0.31500218	0.31500218	0.31500218	0.31500218
Other agriculture	0.280001938	0.28000194	0.28000194	0.28000194	0.28000194	0.28000194
	1	1	1	1	1	1

Non-covered products

Importables	0.343002375	0.34300237	0.34300237	0.34300237	0.34300237	0.34300237
Exportables						
Non-tradables	0.656997625	0.65699763	0.65699763	0.65699763	0.65699763	0.65699763
	1	1	1	1	1	1

1966	1967	1968	1969	1970	1971	1972	1973
0.26588	0.26588	0.26588	0.26588	0.26588	0.26588	0.21926	0.21926
0.06319	0.06319	0.06319	0.06319	0.06319	0.06319	0.08584	0.08584
0.11508	0.11508	0.11508	0.11508	0.11508	0.11508	0.12056	0.12056
0.06410	0.06410	0.06410	0.06410	0.06410	0.06410	0.10843	0.10843
0.06892	0.06892	0.06892	0.06892	0.06892	0.06892	0.07538	0.07538
0.01638	0.01638	0.01638	0.01638	0.01638	0.01638	0.02600	0.02600
0.06351	0.06351	0.06351	0.06351	0.06351	0.06351	0.07545	0.07545
0.65704	0.65704	0.65704	0.65704	0.65704	0.65704	0.71092	0.71092
0.22532	0.22532	0.22532	0.22532	0.22532	0.22532	0.18992	0.18992
0.04196	0.04196	0.04196	0.04196	0.04196	0.04196	0.03536	0.03536
0.01717	0.01717	0.01717	0.01717	0.01717	0.01717	0.01447	0.01447
0.03064	0.03064	0.03064	0.03064	0.03064	0.03064	0.02583	0.02583
0.00844	0.00844	0.00844	0.00844	0.00844	0.00844	0.00712	0.00712
0.00468	0.00468	0.00468	0.00468	0.00468	0.00468	0.00394	0.00394
0.02641	0.02641	0.02641	0.02641	0.02641	0.02641	0.02226	0.02226
0.00960	0.00960	0.00960	0.00960	0.00960	0.00960	0.00809	0.00809
0.10803	0.10803	0.10803	0.10803	0.10803	0.10803	0.09106	0.09106
0.09603	0.09603	0.09603	0.09603	0.09603	0.09603	0.08094	0.08094
0.34296	0.34296	0.34296	0.34296	0.34296	0.34296	0.28908	0.28908
1.88236	1.88236	1.88236	1.88236	1.88236	1.88236	1.90085	1.90085
1529171770	138888315	1488644848	1754952400	2205321551	2116179860	1733734984	3595076493

978- 1984), 1988 (1985-1988), 1990 (1989-1992), 1994 (1993-1997), 2000 (1998-2004)

1966	1967	1968	1969	1970	1971	1972	1973
406571479	369273347	395796306	466601338	586344100	562643382	380130900	788240230
96623604	87759529	94062834	110889979	139347404	133714818	148826297	308606521
175971237	159827954	171307554	201953208	253779967	243521883	209024793	433434249
98012926	89021398	95415336	112484434	141351039	135637464	187991664	389819908
105384940	95717116	102591973	120944918	151982717	145839397	130688193	270995310
25050719	22752611	24386811	28749432	36127328	34667019	45085276	93488923
97113927	88204871	94540162	111452698	140054532	134393363	130807475	271242653
1004728833	912556826	978100977	1153076007	1448987088	1390417325	1232554598	2555827795

1974	1975	1976	1977	1978	1979	1980	1981
0.21926	0.21926	0.21926	0.21926	0.27028	0.27028	0.27028	0.27028
0.08584	0.08584	0.08584	0.08584	0.10138	0.10138	0.10138	0.10138
0.12056	0.12056	0.12056	0.12056	0.20663	0.20663	0.20663	0.20663
0.10843	0.10843	0.10843	0.10843	0.08859	0.08859	0.08859	0.08859
0.07538	0.07538	0.07538	0.07538	0.10663	0.10663	0.10663	0.10663
0.02600	0.02600	0.02600	0.02600	0.03367	0.03367	0.03367	0.03367
0.07545	0.07545	0.07545	0.07545	0.09720	0.09720	0.09720	0.09720
0.71092	0.71092	0.71092	0.71092	0.90438	0.90438	0.90438	0.90438
0.18992	0.18992	0.18992	0.18992	0.06282	0.06282	0.06282	0.06282
0.03536	0.03536	0.03536	0.03536	0.01170	0.01170	0.01170	0.01170
0.01447	0.01447	0.01447	0.01447	0.00479	0.00479	0.00479	0.00479
0.02583	0.02583	0.02583	0.02583	0.00854	0.00854	0.00854	0.00854
0.00712	0.00712	0.00712	0.00712	0.00235	0.00235	0.00235	0.00235
0.00394	0.00394	0.00394	0.00394	0.00130	0.00130	0.00130	0.00130
0.02226	0.02226	0.02226	0.02226	0.00736	0.00736	0.00736	0.00736
0.00809	0.00809	0.00809	0.00809	0.00268	0.00268	0.00268	0.00268
0.09106	0.09106	0.09106	0.09106	0.03012	0.03012	0.03012	0.03012
0.08094	0.08094	0.08094	0.08094	0.02677	0.02677	0.02677	0.02677
0.28908	0.28908	0.28908	0.28908	0.09562	0.09562	0.09562	0.09562
1.90085	1.90085	1.90085	1.90085	1.96720	1.96720	1.96720	1.96720
5939603151	5640503370	5042063775	3814960986	3649775341	4210423141	4524064140	5102856402

1974	1975	1976	1977	1978	1979	1980	1981
1302290553	1236711286	1105500124	836451110	986456831	1137988035	1222758542	1379193809
509864051	484188897	432817984	327481721	369996838	426832642	458628072	517303274
716098096	680037642	607887796	459944247	754154312	870001156	934808902	1054404943
644040693	611608824	546719059	413662336	323335450	373003523	400789139	452064639
447724716	425178703	380068586	287570108	389187811	448971570	482416164	544134728
154457659	146679656	131117408	99206955	122901414	141780496	152341946	171832019
448133363	425566772	380415482	287832579	354744040	409236837	439721528	495977897
4222609131	4009971782	3584526439	2712149058	3300776697	3807814259	4091464294	4614911309

1982	1983	1984	1985	1986	1987	1988
0.27028	0.27028	0.27028	0.21046	0.21046	0.21046	0.21046
0.10138	0.10138	0.10138	0.09553	0.09553	0.09553	0.09553
0.20663	0.20663	0.20663	0.10714	0.10714	0.10714	0.10714
0.08859	0.08859	0.08859	0.03064	0.03064	0.03064	0.03064
0.10663	0.10663	0.10663	0.13586	0.13586	0.13586	0.13586
0.03367	0.03367	0.03367	0.03572	0.03572	0.03572	0.03572
0.09720	0.09720	0.09720	0.05813	0.05813	0.05813	0.05813
0.90438	0.90438	0.90438	0.67348	0.67348	0.67348	0.67348
0.06282	0.06282	0.06282	0.21452	0.21452	0.21452	0.21452
0.01170	0.01170	0.01170	0.03995	0.03995	0.03995	0.03995
0.00479	0.00479	0.00479	0.01635	0.01635	0.01635	0.01635
0.00854	0.00854	0.00854	0.02917	0.02917	0.02917	0.02917
0.00235	0.00235	0.00235	0.00804	0.00804	0.00804	0.00804
0.00130	0.00130	0.00130	0.00445	0.00445	0.00445	0.00445
0.00736	0.00736	0.00736	0.02514	0.02514	0.02514	0.02514
0.00268	0.00268	0.00268	0.00914	0.00914	0.00914	0.00914
0.03012	0.03012	0.03012	0.10285	0.10285	0.10285	0.10285
0.02677	0.02677	0.02677	0.09143	0.09143	0.09143	0.09143
0.09562	0.09562	0.09562	0.32652	0.32652	0.32652	0.32652
1.96720	1.96720	1.96720	1.88800	1.88800	1.88800	1.88800
4404229318	5045456088	5228690535	5444124321	4501293323	4068001764	5945835694

1982	1983	1984	1985	1986	1987	1988
1190369732	1363679722	1413204105	1145782957	947352572	856161031	1251374290
446479789	511484304	530059739	520088065	430017538	388624330	568017554
910047392	1042544296	1080406092	583261547	482250432	435829320	637012882
390172911	446979516	463212349	166793237	137907447	124632566	182164316
469637774	538013940	557552844	739635297	611542872	552676154	807797487
148306665	169899139	176069319	194481823	160800834	145322250	212404584
428074048	490398808	508208487	316479369	261670452	236482225	345644996
3983088312	4562999725	4728712937	3666522296	3031542146	2739727876	4004416110

1707037848 1955571311 2026591259 1571366698 1299232348 1174169090 1716178333

0.298855973 0.298855973 0.298855973 0.312498565 0.312498565 0.312498565 0.312498565
0.112093871 0.112093871 0.112093871 0.141847785 0.141847785 0.141847785 0.141847785
0.228477835 0.228477835 0.228477835 0.159077595 0.159077595 0.159077595 0.159077595
0.097957384 0.097957384 0.097957384 0.045490856 0.045490856 0.045490856 0.045490856
0.117907949 0.117907949 0.117907949 0.20172666 0.20172666 0.20172666 0.20172666
0.037234089 0.037234089 0.037234089 0.053042586 0.053042586 0.053042586 0.053042586
0.107472899 0.107472899 0.107472899 0.086315954 0.086315954 0.086315954 0.086315954

0.122337853 0.122337853 0.122337853 0.122337853 0.122337853 0.122337853 0.122337853
0.0500633 0.0500633 0.0500633 0.0500633 0.0500633 0.0500633 0.0500633
0.089338421 0.089338421 0.089338421 0.089338421 0.089338421 0.089338421 0.089338421
0.024614412 0.024614412 0.024614412 0.024614412 0.024614412 0.024614412 0.024614412
0.013641169 0.013641169 0.013641169 0.013641169 0.013641169 0.013641169 0.013641169
0.077000533 0.077000533 0.077000533 0.077000533 0.077000533 0.077000533 0.077000533
0.028000194 0.028000194 0.028000194 0.028000194 0.028000194 0.028000194 0.028000194
0.315002181 0.315002181 0.315002181 0.315002181 0.315002181 0.315002181 0.315002181
0.280001938 0.280001938 0.280001938 0.280001938 0.280001938 0.280001938 0.280001938
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0.343002375 0.343002375 0.343002375 0.343002375 0.343002375 0.343002375 0.343002375

0.656997625 0.656997625 0.656997625 0.656997625 0.656997625 0.656997625 0.656997625
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1989	1990	1991	1992	1993	1994	1995
0.20599	0.20599	0.20599	0.20599	0.19010	0.19010	0.19010
0.09217	0.09217	0.09217	0.09217	0.07196	0.07196	0.07196
0.07283	0.07283	0.07283	0.07283	0.08064	0.08064	0.08064
0.03320	0.03320	0.03320	0.03320	0.03697	0.03697	0.03697
0.14924	0.14924	0.14924	0.14924	0.11536	0.11536	0.11536
0.03285	0.03285	0.03285	0.03285	0.05300	0.05300	0.05300
0.06059	0.06059	0.06059	0.06059	0.08953	0.08953	0.08953
0.64687	0.64687	0.64687	0.64687	0.63757	0.63757	0.63757
0.22722	0.22722	0.22722	0.22722	0.23249	0.23249	0.23249
0.03240	0.03240	0.03240	0.03240	0.03639	0.03639	0.03639
0.01740	0.01740	0.01740	0.01740	0.01719	0.01719	0.01719
0.02767	0.02767	0.02767	0.02767	0.03338	0.03338	0.03338
0.01041	0.01041	0.01041	0.01041	0.00600	0.00600	0.00600
0.00831	0.00831	0.00831	0.00831	0.00429	0.00429	0.00429
0.02826	0.02826	0.02826	0.02826	0.02917	0.02917	0.02917
0.01028	0.01028	0.01028	0.01028	0.01061	0.01061	0.01061
0.11563	0.11563	0.11563	0.11563	0.11933	0.11933	0.11933
0.10278	0.10278	0.10278	0.10278	0.10607	0.10607	0.10607
0.35313	0.35313	0.35313	0.35313	0.36243	0.36243	0.36243
1.87410	1.87410	1.87410	1.87410	1.87006	1.87006	1.87006
6564426885	6906912927	6508771945	6268778749	8168063274	8105020634	8501642904

1989	1990	1991	1992	1993	1994	1995
1352238940	1422789343	1340774302	1291336910	1552734900	1540750601	1616147819
605069691	636638010	599939751	577818610	587790566	583253889	611795640
478076125	503018805	474022869	456544570	658705557	653621545	685606764
217911213	229280301	216063704	208096945	301972758	299642076	314305175
979707550	1030821862	971401332	935583559	942283105	935010388	980765477
215626938	226876849	213798796	205915550	432903435	429562205	450582995
397728484	418479184	394356437	379815620	731306737	725662375	761172939
4246358941	4467904355	4210357192	4055111765	5207697059	5167503079	5420376810

1819868117 1914816152 1804438797 1737905042 2231870168 2214644177 2323018633

0.318446688 0.318446688 0.318446688 0.318446688 0.298161526 0.298161526 0.298161526
0.142491414 0.142491414 0.142491414 0.142491414 0.112869577 0.112869577 0.112869577
0.112584954 0.112584954 0.112584954 0.112584954 0.126486919 0.126486919 0.126486919
0.051317191 0.051317191 0.051317191 0.051317191 0.057985853 0.057985853 0.057985853
0.230717083 0.230717083 0.230717083 0.230717083 0.180940461 0.180940461 0.180940461
0.050779254 0.050779254 0.050779254 0.050779254 0.083127615 0.083127615 0.083127615
0.093663416 0.093663416 0.093663416 0.093663416 0.140428049 0.140428049 0.140428049

0.091739639 0.091739639 0.091739639 0.091739639 0.100415919 0.100415919 0.100415919
0.049267758 0.049267758 0.049267758 0.049267758 0.047437819 0.047437819 0.047437819
0.078352118 0.078352118 0.078352118 0.078352118 0.092090027 0.092090027 0.092090027
0.029488214 0.029488214 0.029488214 0.029488214 0.016547696 0.016547696 0.016547696
0.023521478 0.023521478 0.023521478 0.023521478 0.011847157 0.011847157 0.011847157
0.080039387 0.080039387 0.080039387 0.080039387 0.080482752 0.080482752 0.080482752
0.029105232 0.029105232 0.029105232 0.029105232 0.029266455 0.029266455 0.029266455
0.327433857 0.327433857 0.327433857 0.327433857 0.329247621 0.329247621 0.329247621
0.291052317 0.291052317 0.291052317 0.291052317 0.292664552 0.292664552 0.292664552
1 1 1 1 1 1 1

0.356539088 0.356539088 0.356539088 0.356539088 0.358514077 0.358514077 0.358514077

0.643460912 0.643460912 0.643460912 0.643460912 0.641485923 0.641485923 0.641485923
1 1 1 1 1 1 1

1996	1997	1998	1999	2000	2001	2002
0.19010	0.19010	0.21601	0.21601	0.21601	0.21601	0.21601
0.07196	0.07196	0.06247	0.06247	0.06247	0.06247	0.06247
0.08064	0.08064	0.06354	0.06354	0.06354	0.06354	0.06354
0.03697	0.03697	0.03194	0.03194	0.03194	0.03194	0.03194
0.11536	0.11536	0.14490	0.14490	0.14490	0.14490	0.14490
0.05300	0.05300	0.02880	0.02880	0.02880	0.02880	0.02880
0.08953	0.08953	0.10078	0.10078	0.10078	0.10078	0.10078
0.63757	0.63757	0.64845	0.64845	0.64845	0.64845	0.64845
0.23249	0.23249	0.23592	0.23592	0.23592	0.23592	0.23592
0.03639	0.03639	0.04094	0.04094	0.04094	0.04094	0.04094
0.01719	0.01719	0.02432	0.02432	0.02432	0.02432	0.02432
0.03338	0.03338	0.04380	0.04380	0.04380	0.04380	0.04380
0.00600	0.00600	0.00403	0.00403	0.00403	0.00403	0.00403
0.00429	0.00429	0.00247	0.00247	0.00247	0.00247	0.00247
0.02917	0.02917	0.02596	0.02596	0.02596	0.02596	0.02596
0.01061	0.01061	0.00944	0.00944	0.00944	0.00944	0.00944
0.11933	0.11933	0.10620	0.10620	0.10620	0.10620	0.10620
0.10607	0.10607	0.09440	0.09440	0.09440	0.09440	0.09440
0.36243	0.36243	0.35155	0.35155	0.35155	0.35155	0.35155
1.87006	1.87006	1.88436	1.88436	1.88436	1.88436	1.88436
11478256202	8459368619	7489917205	7945041023	7671912458	7791759079	8236469818

1996	1997	1998	1999	2000	2001	2002
2181996931	1608111549	1617892429	1716203447	1657205113	1683093108	1779154802
825998831	608753496	467894961	496326535	479264200	486751016	514532086
925652862	682197595	475916515	504835518	487480667	495095836	523353183
424350371	312742297	239263427	253802237	245077217	248905686	263111853
1324153173	975888637	1085310196	1151258925	1111681824	1129047938	1193487782
608342072	448342479	215701756	228808844	220943028	224394485	237201687
1027676428	757388019	754841940	800709809	773183618	785261890	830080318
7318170668	5393424071	4856821223	5151945316	4974835666	5052549959	5340921712

3136358858 2311467459 2081494810 2207976564 2132072428 2165378554 2288966448

0.298161526 0.298161526 0.333117559 0.333117559 0.333117559 0.333117559 0.333117559
0.112869577 0.112869577 0.096337695 0.096337695 0.096337695 0.096337695 0.096337695
0.126486919 0.126486919 0.097989301 0.097989301 0.097989301 0.097989301 0.097989301
0.057985853 0.057985853 0.049263379 0.049263379 0.049263379 0.049263379 0.049263379
0.180940461 0.180940461 0.223461014 0.223461014 0.223461014 0.223461014 0.223461014
0.083127615 0.083127615 0.044412126 0.044412126 0.044412126 0.044412126 0.044412126
0.140428049 0.140428049 0.155418926 0.155418926 0.155418926 0.155418926 0.155418926

0.100415919 0.100415919 0.116443178 0.116443178 0.116443178 0.116443178 0.116443178
0.047437819 0.047437819 0.069183856 0.069183856 0.069183856 0.069183856 0.069183856
0.092090027 0.092090027 0.124600981 0.124600981 0.124600981 0.124600981 0.124600981
0.016547696 0.016547696 0.011468863 0.011468863 0.011468863 0.011468863 0.011468863
0.011847157 0.011847157 0.007012275 0.007012275 0.007012275 0.007012275 0.007012275
0.080482752 0.080482752 0.073841993 0.073841993 0.073841993 0.073841993 0.073841993
0.029266455 0.029266455 0.026851634 0.026851634 0.026851634 0.026851634 0.026851634
0.329247621 0.329247621 0.302080881 0.302080881 0.302080881 0.302080881 0.302080881
0.292664552 0.292664552 0.268516339 0.268516339 0.268516339 0.268516339 0.268516339
1 1 1 1 1 1 1

0.358514077 0.358514077 0.328932515 0.328932515 0.328932515 0.328932515 0.328932515

0.641485923 0.641485923 0.671067485 0.671067485 0.671067485 0.671067485 0.671067485
1 1 1 1 1 1 1

2003	2004
0.21601	0.21601
0.06247	0.06247
0.06354	0.06354
0.03194	0.03194
0.14490	0.14490
0.02880	0.02880
0.10078	0.10078
0.64845	0.64845
0.23592	0.23592
0.04094	0.04094
0.02432	0.02432
0.04380	0.04380
0.00403	0.00403
0.00247	0.00247
0.02596	0.02596
0.00944	0.00944
0.10620	0.10620
0.09440	0.09440
0.35155	0.35155
1.88436	1.88436
9342450962	11626175638

2003	2004
2018057112	2511363081
583622703	726286933
593628284	738738338
298442129	371395110
1353747580	1684665747
269052784	334821658
941542291	1171698529
6058092883	7538969396

2596325521 3230986884

0.333117559 0.333117559
0.096337695 0.096337695
0.097989301 0.097989301
0.049263379 0.049263379
0.223461014 0.223461014
0.044412126 0.044412126
0.155418926 0.155418926
1

0.116443178 0.116443178
0.069183856 0.069183856
0.124600981 0.124600981
0.011468863 0.011468863
0.007012275 0.007012275
0.073841993 0.073841993
0.026851634 0.026851634
0.302080881 0.302080881
0.268516339 0.268516339
1 1

0.328932515 0.328932515
0.671067485 0.671067485
1 1

1967	1968	1969	1970	1971	1972	1973	1974	1975
0.168456	0.168456	0.168455	0.168456	0.168456	0.169879	0.169879	0.169879	0.169879
0.454853	0.454853	0.454854	0.454853	0.454853	0.431456	0.431456	0.431456	0.431456
0.236581	0.236581	0.236582	0.236581	0.236581	0.257936	0.257936	0.257936	0.257936
0.218272	0.218272	0.218272	0.218272	0.218272	0.173519	0.173519	0.173519	0.173519
0.376691	0.376691	0.376691	0.376691	0.376691	0.398665	0.398665	0.398665	0.398665
1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

88 (1985-1988), 1990 (1989-1992), 1994 (1993-1997), 2000 (1998-2004)
 iculture sector. The range of years assigned to each IO was arbitrarily chosen.
 IO tables) at border prices computed as value of production at domestic prices divided by 1+N

1967	1968	1969	1970	1971	1972	1973	1974	1975
0.284508	0.284508	0.284509	0.284508	0.284508	0.310721	0.310721	0.310721	0.310721
0.262490	0.262490	0.262490	0.262490	0.262490	0.209029	0.209029	0.209029	0.209029
0.453002	0.453002	0.453001	0.453002	0.453002	0.480249	0.480249	0.480249	0.480249
0.831544	0.831544	0.831545	0.831544	0.831544	0.830121	0.830121	0.830121	0.830121

1985	1986	1987	1988	1989	1990	1991	1992	1993
0.131419	0.131419	0.131419	0.131419	0.109883	0.109883	0.109883	0.109883	0.091256
0.433772	0.433772	0.433772	0.433772	0.428597	0.428597	0.428597	0.428597	0.358474
0.265485	0.265485	0.265485	0.265486	0.265765	0.265765	0.265765	0.265765	0.203601
0.168286	0.168286	0.168286	0.168286	0.162831	0.162831	0.162831	0.162831	0.154873
0.434809	0.434809	0.434809	0.434809	0.461520	0.461520	0.461520	0.461520	0.550270
1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

1985	1986	1987	1988	1989	1990	1991	1992	1993
0.305654	0.305654	0.305654	0.305654	0.298573	0.298574	0.298573	0.298573	0.224046
0.193749	0.193749	0.193749	0.193749	0.182933	0.182933	0.182933	0.182933	0.170426
0.500597	0.500597	0.500597	0.500597	0.518494	0.518494	0.518494	0.518494	0.605528
0.868581	0.868581	0.868581	0.868581	0.890117	0.890117	0.890117	0.890117	0.908744

1994	1995	1996	1997	1998	1999	2000	2001	2002
0.091256	0.091256	0.091256	0.091256	0.054392	0.054392	0.054392	0.054392	0.054392
0.358474	0.358474	0.358474	0.358474	0.257262	0.257262	0.257262	0.257262	0.257262
0.203601	0.203601	0.203601	0.203601	0.149045	0.149045	0.149045	0.149045	0.149045
0.154873	0.154873	0.154873	0.154873	0.108217	0.108217	0.108217	0.108217	0.108217
0.550270	0.550270	0.550270	0.550270	0.688346	0.688346	0.688346	0.688346	0.688346
1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

1994	1995	1996	1997	1998	1999	2000	2001	2002
0.224046	0.224046	0.224046	0.224046	0.157619	0.157619	0.157619	0.157619	0.157619
0.170426	0.170426	0.170426	0.170426	0.114441	0.114441	0.114441	0.114441	0.114441
0.605528	0.605528	0.605528	0.605528	0.727940	0.727940	0.727940	0.727940	0.727940
0.908744	0.908744	0.908744	0.908744	0.945608	0.945608	0.945608	0.945608	0.945608

2003	2004
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0.054392	0.054392
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0.257262	0.257262
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0.149045	0.149045
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0.108217	0.108217
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0.688346	0.688346
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1.000000	1.000000
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2003	2004
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0.157619	0.157619
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0.114441	0.114441
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0.727940	0.727940
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0.945608	0.945608
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	1960	1961	1962	1963	1964	1965
Major commodities:						
Palay	16	25	-18	-6	14	10
Corn	30	30	-14	8	8	42
Coconut including copra making i	-2	14	-24	-25	-25	-25
Sugarcane including muscovado :	46	70	38	-39	-24	103
Domestic consumption	31	94	1	-60	-45	43
Exported	52	63	63	-26	-11	143
Hog	15	15	15	15	15	15
Cattle	15	15	15	15	15	15
Chicken	70	70	70	70	70	70
Others:						
Banana	0	0	0	0	0	0
Pineapple	0	0	0	0	0	0
Mango	0	0	0	0	0	0
Tobacco	0	0	0	0	0	0
Abaca	0	0	0	0	0	0
Rootcrops	0	0	0	0	0	0
Selected protected coffee and veg	30	30	30	30	30	30
Other importable fruits and vegeta	30	30	30	30	30	30
Other agriculture	0	0	0	0	0	0
Agriculture	18	25	4	5	11	17
Importable	27	35	13	14	23	32
Exportable	-1	7	-11	-12	-12	-12
Non-agriculture	19	19	19	19	19	19
TRA= (I+NRAagri)/(1+NRAnonag)	0.9344	1.3058	0.2746	0.3148	0.6035	0.9019
Non-covered products						
Importables	0.3	0.3	0.3	0.3	0.3	0.3
Exportables						
Non-tradables	0	0	0	0	0	0

Nominal rates of assistance(or nominal protection rates) and total rate of assistance of agriculture by

1966	1967	1968	1969	1970	1971	1972	1973	1974
12	-5	-14	-10	-8	29	23	-39	-53
29	39	44	38	-9	48	43	-8	-3
-20	-23	-18	-16	-28	-27	-29	-23	-19
157	134	142	67	38	16	-31	-48	-34
111	87	94	56	3	-21	-39	-54	-85
186	175	191	77	67	46	-4	-11	-18
15	15	15	15	15	15	10	10	10
15	15	15	15	15	15	10	10	10
70	70	70	70	70	70	70	70	70
0	0	0	0	-4	-4	-4	-4	-4
0	0	0	0	-4	-4	-4	-4	-4
0	0	0	0	0	0	0	0	0
0	0	0	0	-4	-4	-4	-4	-4
0	0	0	0	-4	-4	-4	-4	-4
0	0	0	0	0	0	0	0	0
30	30	30	30	70	70	70	70	70
30	30	30	30	100	100	100	100	100
0	0	0	0	0	0	0	0	0
23	18	17	13	14	25	17	-1	-3
39	32	29	22	27	43	31	3	0
-7	-9	-7	-6	-11	-11	-13	-11	-9
22	20	19	21	20	24	15	11	10
1.0384	0.8890	0.8707	0.6221	0.6933	1.0202	1.1176	0.0128	-0.1473
0.3	0.3	0.3	0.3	0.97551	0.975510204	0.9755102	0.9755102	0.9755102
0	0	0	0	-0.012825	-0.012825418	-0.012825	-0.012825	-0.012825

commodity and commodity groups (%)

1975	1976	1977	1978	1979	1980	1981	1982	1983
-29	0	-4	-32	-24	-38	-36	3	-10
5	22	41	37	15	24	29	43	-2
-21	-18	-14	-12	-18	-25	-21	-31	-36
-44	-19	14	24	16	-18	-15	73	64
-73	-45	-13	-6	-8	-68	-37	35	15
-9	-4	13	49	34	-13	-3	97	117
10	10	10	10	10	50	50	50	50
10	10	10	10	10	5	5	5	5
70	70	70	70	70	70	70	70	70
-4	-4	-4	-4	-4	-4	-4	-4	-4
-4	-4	-4	-4	-4	-4	-4	-4	-4
0	0	0	0	0	0	0	0	0
-4	-4	-4	-4	-4	-4	-4	-4	-4
-4	-4	-4	-4	-4	-4	-4	-4	-4
0	0	0	0	0	0	0	0	0
70	70	70	70	70	50	50	50	50
100	100	100	100	100	50	50	50	50
0	0	0	0	0	0	0	0	0
5	14	17	12	11	5	9	20	12
11	24	28	21	20	13	18	37	27
-10	-8	-7	-6	-8	-11	-10	-13	-16
13	17	18	17	17	16	13	13	11
0.3900	0.8583	0.9784	0.7266	0.6322	0.3428	0.7225	1.4783	1.0824

0.9755102 0.9755102 0.97551 0.97551 0.97551 0.5 0.5 0.5 0.5

-0.012825 -0.012825 -0.012825 -0.012825 -0.012825 -0.012825 -0.012825 -0.012825 -0.012825

1984	1985	1986	1987	1988	1989	1990	1991	1992
0	43	26	11	-9	2	16	1	21
7	43	63	96	45	54	51	25	88
-23	-37	-27	-17	-14	-9	-17	-15	-19
193	273	114	126	70	33	29	56	75
127	244	98	119	69	31	24	48	72
248	317	188	169	81	49	54	100	96
50	50	20	20	20	20	20	30	30
5	5	20	20	20	20	20	30	30
70	70	40	40	50	50	50	50	45
-4	-4	0	0	0	0	0	0	0
-4	-4	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
-4	-4	0	0	0	0	0	0	0
-4	-4	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
50	50	50	50	50	50	40	40	40
50	50	50	50	50	50	50	50	50
0	0	0	0	0	0	0	0	0
22	35	24	25	17	20	21	20	29
39	54	37	38	25	28	31	28	41
-10	-12	-8	-5	-4	-2	-3	-3	-4
12	12	10	11	13	9	11	9	11
1.8203	2.7820	2.2780	2.1586	1.2875	1.9917	1.8620	2.0837	2.4925
0.5	0.5	0.5	0.5	0.5	0.5	0.491837	0.491837	0.491837
-0.012825	-0.012825	0	0	0	0	0	0	0

1993	1994	1995	1996	1997	1998	1999	2000	2001
46	21	55	71	63	21	53	73	69
68	82	96	47	88	66	100	96	72
-15	-10	-9	-4	-22	-5	2	-23	-23
51	35	80	80	60	95	171	77	67
46	34	84	86	60	93	170	75	65
80	52	45	56	61	106	181	98	106
30	30	30	69	63	64	49	45	52
30	30	30	30	30	30	20	10	10
40	35	30	67	61	58	52	51	45
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
40	40	50	50	50	50	50	50	50
50	50	10	10	10	10	10	10	10
0	0	0	0	0	0	0	0	0
30	26	30	39	37	31	39	37	35
43	37	42	54	53	44	54	54	51
-3	-2	-2	-1	-5	-1	0	-4	-4
9	10	7	8	9	8	11	9	8
3.1118	2.5473	3.9766	4.2342	3.9283	3.4675	3.3475	3.7713	3.8717

0.491837 0.491837 0.132653 0.132653 0.132653 0.132653 0.132653 0.132653 0.132653

0 0 0 0 0 0 0 0 0

2002	2003	2004
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54	41	17
45	25	35
-5	-8	-11
105	84	64
102	78	53
153	153	140
55	38	37
10	10	10
40	40	40
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
50	50	50
10	10	10
0	0	0
33	25	19
46	36	28
-1	-2	-2
7	5	3
4.2421	4.7267	5.1766

0.132653 0.132653 0.132653

0 0 0

sector by commodity group (%).

1967	1968	1969	1970	1971	1972	1973	1974	1975
0	0	0	-4	-4	-3	-3	-3	-3
20	17	20	21	31	8	-7	-11	-3
16	12	16	17	33	-2	-24	-29	-18
25	25	25	25	25	27	27	27	27
29	29	30	30	30	28	33	34	33
20	19	21	20	24	15	11	10	13

1976	1977	1978	1979	1980	1981	1982	1983	1984
-3	-3	7	7	6	3	1	1	1
6	9	-6	-4	-7	-8	1	-2	0
-4	0	-11	-9	-13	-13	-1	-6	-3
27	27	15	15	15	12	10	10	10
33	33	34	34	34	28	24	23	22
17	18	17	17	16	13	13	11	12

1985	1986	1987	1988	1989	1990	1991	1992	1993
4	2	2	2	9	9	12	12	0
14	9	12	17	4	8	4	10	12
16	10	14	20	2	8	2	10	14
7	8	8	8	7	7	7	7	7
13	13	13	13	15	14	13	12	9
12	10	11	13	9	11	9	11	9

1994	1995	1996	1997	1998	1999	2000	2001	2002
0	0	0	0	0	0	0	0	0
14	8	16	18	20	35	30	26	22
17	9	19	23	25	47	39	34	28
7	6	9	7	11	10	9	9	8
9	7	6	5	5	4	3	3	3
10	7	8	9	8	11	9	8	7

2003	2004
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0	0
---	---

12	8
----	---

15	8
----	---

6	5
---	---

2	2
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5	3
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INDIVIDUAL PRIMARY AND PROCESSED AGRICULTURAL PRODUCTS - SECTION 1: Exogenous data		Unit	Source / Formulae
1			
2	Primary product quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
3	Crop area	Ha	n.a.
4	Production (or number of livestock sold)	MT	n.a.
5	Imports	MT	n.a.
6	Exports	MT	n.a.
7	Change in stocks	MT	n.a.
8	Own input use (feed)	MT	n.a.
9	Other input use (seed)	MT	n.a.
10	Input into food processing	MT	n.a.
11	Input into industrial use	MT	n.a.
12	Domestic final consumption of primary product	MT	n.a.
13			
14	Processed products quantities (X, M or H good?)		Please fill in X, M or H in the cells on the right
15	Conversion factor (fraction of weight of primary good)	proportion	n.a.
16	Imports	MT	n.a.
17	Exports	MT	n.a.
18	Change in stocks	MT	n.a.
19			
20	Wholesale price for primary good (P_w)	LC/MT	n.a.
21	Wholesale price for processed goods (P_{wp})	LC/MT	n.a.
22	Transmission factor from NRA to NRA_t ($0 \leq \theta_t \leq 1$ /(I-O coefficient))	proportion	n.a.
23			
24	Subsidy to primary good production ($s_f < 0$ if a tax)	proportion	n.a.
25	Subsidy to processed good production ($s_p < 0$ if a tax)	proportion	n.a.
26	Consumer tax on primary products ($c_c < 0$ if a subsidy)	proportion	n.a.
27	Consumer tax on processed products ($c_{cp} < 0$ if a subsidy)	proportion	n.a.
28			
29	To be filled in only if primary good is non-tradable		
30	Transmission factor from NRA_p to NRA ($0 \leq \theta \leq 1$ /(I-O coefficient))	proportion	n.a.
31	Proportion of distortions in primary sector accruing to farmers (λ_f)	$0 \leq \lambda_f \leq 1$	n.a.
32			
33	To be filled in only if processed goods are non-tradable		
34	Proportion of distortions in processed goods accruing to processors (λ_p)	$0 \leq \lambda_p \leq 1$	n.a.
35			
36	Primary product:		
37	cif import price (P_m)	US\$/MT	n.a.
38	fob export price (P_x)	US\$/MT	n.a.
39	International reference price (P)	US\$/MT	n.a.
40	International trading cost for imports (T_m)	proportion	n.a.
41	International trading cost for exports (T_x)	proportion	n.a.
42			
43	Processed products:		
44	cif import price (P_{mp})	US\$/MT	n.a.
45	fob export price (P_{xp})	US\$/MT	n.a.
46	International reference price (P_p)	US\$/MT	n.a.
47	International trading cost for imports (T_{mp})	proportion	n.a.
48	International trading cost for exports (T_{xp})	proportion	n.a.
49			
50	Quality adjustment:		
51	Primary good - Quality adjustment for imports (q_m)	proportion	n.a.
52	Primary good - Quality adjustment for exports (q_x)	proportion	n.a.
53	Processed goods - Quality adjustment for imports (q_{mp})	proportion	n.a.
54	Processed goods - Quality adjustment for exports (q_{xp})	proportion	n.a.
55			
56	Trade subsidies and taxes		
57	Primary good - Import tariff ($t_m < 0$ if a subsidy)	proportion	n.a.
58	Primary good - Export subsidy ($s_x < 0$ if a tax)	proportion	n.a.
59	Processed goods - Import tariff ($t_{mp} < 0$ if a subsidy)	proportion	n.a.
60	Processed goods - Export subsidy ($s_{xp} < 0$ if a tax)	proportion	n.a.
61			
62	Exchange rate		
63	Official exchange rate	LC/US\$	n.a.
64	Proportion of foreign currency sold on the parallel market	proportion	n.a.
65	Parallel market rate (leave "n.a." if no parallel market exists)	LC/US\$	n.a.
66	Discounted parallel market rate (copy from row 65 if no discount is needed)	LC/US\$	65
67	Primary good - Relevant exchange rate for imports (E_m)	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
68	Primary good - Relevant exchange rate for exports (E_x)	LC/US\$	(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
69	Processed goods - Relevant exchange rate for imports (E_{mp})	LC/US\$	IF(63="n.a.", "n.a.", IF(66="n.a.", 63, 66))
70	Processed goods - Relevant exchange rate for exports (E_{xp})	LC/US\$	(63="n.a.", "n.a.", IF(66="n.a.", 63, (1-64)*63+64*66))
71	Equilibrium exchange rate which would prevail in an undistorted market (E)	LC/US\$	= "n.a.", "n.a.", IF(66="n.a.", 63, (66+(1-64)*63+64*66))

PART 1: QUANTITIES

PART 2: DOMESTIC VARIABLES

PART 3: INTERNATIONAL VARIABLES
(to be filled in only for tradable goods)

73	Fertilizers		
74	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
75	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
76	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
77	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
78	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
79	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
80	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
81	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
82	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
83	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
84			
85	Pesticides		
86	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
87	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
88	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
89	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
90	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
91	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
92	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
93	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
94	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
95	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
96			
97	Credit (non-tradable)		
98	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
99	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
100	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
101	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
102			
103	Fuel/electricity (non-tradable)		
105	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
106	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
107	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
108	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
109			
110	Other		
111	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
112	Wholesale domestic price (P_{wn}) (only if tradable)	LC/MT	n.a.
113	cif import price (P_{mn}) (only if importable)	US\$/MT	n.a.
114	fob export price (P_{xn}) (only if exportable)	US\$/MT	n.a.
115	International reference price (P_n) (only if tradable)	US\$/MT	n.a.
116	International trading cost for imports (T_{mn}) (only if importable)	proportion	n.a.
117	International trading cost for exports (T_{xn}) (only if exportable)	proportion	n.a.
118	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
119	Production subsidy ($s_n < 0$ if a tax) (only if non-tradable)	proportion	n.a.
120	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
121			
122	MEMO ITEM: water (non-tradable)		
123	Share in value of production of this primary good (at undistorted prices)	proportion	n.a.
124	Consumption tax ($c_f < 0$ if a subsidy)	proportion	n.a.
125	Production subsidy ($s_n < 0$ if a tax)	proportion	n.a.
126	Proportion of distortions passed to farmers ($1 - \lambda_n$) (only if non-tradable)	$0 \leq \lambda_n \leq 1$	n.a.
127			
128	Farm-gate selling price (P_f)	LC/MT	n.a.
129	Markup on farm-gate price (transportation, storage, etc.)	proportion	n.a.
130	Wholesale price for primary good (P_w) (from line 20)	LC/MT	20
131			
132	Primary good:		
133	Retail markup on primary wholesale prices (net of consumption tax)	proportion	n.a.
134	Retail price for primary good (P_r) (including consumption tax)	LC/MT	n.a.
135			
136	Processed goods:		
137	Markup on primary wholesale price (processing costs, etc.)	proportion	n.a.
138	Wholesale price for processed goods (P_{wp}) (from line 21)	LC/MT	21
139	Retail markup on processed wholesale prices (net of consumption tax)	proportion	n.a.
140	Retail price for processed goods (P_{rp}) (including consumption tax)	LC/MT	n.a.

PART 4: INTERMEDIATE INPUT MARKET
(to be filled in only if intermediate input markets are distorted)

PART 5: OPTIONAL DOMESTIC
PRICES AND MARGINS

Section 2 (Endogenous data)

142		Domestic utilization (line 142 has to equal line 143):	MT	4+5-6-7
143		Domestic utilization (line 142 has to equal line 143):	MT	8+9+10+11+12
144	PRIMARY PRODUCT	% of production exported in primary farm	%	100*6/4
146		% of primary production that is processed	%	100*10/4
147		% of primary production for industrial use	%	100*11/4
148		% of domestic utilization imported	%	100*5/142
149		<hr/>		
150	PROCESSED PRODUCTS	processed output	MT	10*15
151		domestic final consumption of processed product	MT	150+16-17-18
152				
153		% processed output exported	%	100*17/150
154		% of domestic processed consumption imported in processed form	%	100*16/151
155	% self-sufficiency overall	%	100*15*4/(15*142+16-17-18)	
156	<hr/>			
157	UNDISTORTED INTERNATIONAL PRICES	Undistorted international price - primary products (P_i)		
158		Importable	LC/MT	IF(37<>"n.a.",37*71/(1-51), 39*(1+40)*71/(1-51))
159		Exportable	LC/MT	IF(38<>"n.a.",38*71*(1-52),39/(1+41)*71*(1-52))
160				
161		Undistorted international price - processed products (P_{ip})		
162	Importable	LC/MT	IF(44<>"n.a.",44*71/(1-53),46*(1+47)*71/(1-53))	
163	Exportable	LC/MT	IF(45<>"n.a.",45*71*(1-54),46/(1+48)*71*(1-54))	
164	<hr/>			
165	NOMINAL RATE OF ASSISTANCE	NRA_i: Farm-gate price		
166		If primary is importable	proportion	(1+24)*(1+22*(20/158-1))-1
167		If primary is exportable	proportion	(1+24)*(1+22*(20/159-1))-1
168		If primary is non tradable and processed is importable	proportion	31*((1+24)*(1-26)-1)*(1+22*30*((1+25)*21/162-1)
169		If primary is non tradable and processed is exportable	proportion	31*((1+24)*(1-26)-1)*(1+22*30*((1+25)*21/163-1)
170		If primary is non tradable and processed is non tradable	proportion	1*((1+24)*(1-26)-1)*(1+22*30*34*((1+25)*(1-27)-1)
171		If primary is non tradable and no processed good exists	proportion	31*((1+24)*(1-26)-1)
172		Selecting NRA _i between lines 166 and 171 according to trading status	proportion	so long to be displayed here. Please click on the
173		NRA: Primary good		
174		If primary is importable	proportion	20/158-1
175		If primary is exportable	proportion	20/159-1
176		If primary is non tradable and processed is importable	proportion	30*((1+25)*21/162-1)
177		If primary is non tradable and processed is exportable	proportion	30*((1+25)*21/163-1)
178		If primary is non tradable and processed is non tradable	proportion	30*34*((1+25)*(1-27)-1)
179		Selecting NRA between lines 174 and 178 according to trading status	proportion	so long to be displayed here. Please click on the
180				
181	NRA_p: Processed goods			
182	Importable	proportion	(1+25)*21/162-1	
183	Exportable	proportion	(1+25)*21/163-1	
184	Non tradable	proportion	34*((1+25)*(1-27)-1)	
185	Selecting NRA _p between lines 182 and 184 according to trading status	proportion	IF(14="M",182, IF(14="X",183,184))	
186	<hr/>			
187	CONSUMER TAX EQUIVALENT	CTE_p: Processing sector		
188		If primary is importable	proportion	174
189		If primary is exportable	proportion	175
190		If primary is non tradable and processed is importable	proportion	176
191		If primary is non tradable and processed is exportable	proportion	177
192		If primary is non tradable and processed is non tradable	proportion	178
193		Selecting CTE _p between lines 188 and 192 according to trading status	proportion	179
194				
195		CTE_c: Consumers, primary good		
196		If primary is importable	proportion	(1+26)*20/158-1
197		If primary is exportable	proportion	(1+26)*20/159-1
198		If primary is non tradable and processed is importable	proportion	-31*((1-24)*(1+26)-1)*(1+22*30*((1+25)*21/162-1)
199		If primary is non tradable and processed is exportable	proportion	-31*((1-24)*(1+26)-1)*(1+22*30*((1+25)*21/163-1)
200		If primary is non tradable and processed is non tradable	proportion	31*((1-24)*(1+26)-1)*(1+22*30*34*((1+25)*(1-27)-1)
201		If primary is non tradable and no processed good exists	proportion	(1-31)*((1-24)*(1+26)-1)
202	Selecting CTE _c between lines 196 and 201 according to trading status	proportion	so long to be displayed here. Please click on the	
203	CTE_{cp}: Consumers, processed goods			
204	Importable	proportion	(1+27)*21/162-1	
205	Exportable	proportion	(1+27)*21/163-1	
206	Non tradable	proportion	(1-34)*((1-25)*(1+27)-1)	
207	Selecting CTE _{cp} between lines 204 and 206 according to trading status		IF(14="M",204, IF(14="X",205,206))	
208	<hr/>			

209	CTE_f: Fertilizers		
210	Undistorted international price if importable	LC/MT	$IF(76 <> "n.a.", 76*71, 78*(1+79)*71)$
211	Undistorted international price if exportable	LC/MT	$IF(77 <> "n.a.", 77*71, 78*(1+80)*71)$
212	Importable	proportion	$(1+81)*75/210-1$
213	Exportable	proportion	$(1+81)*75/211-1$
214	Non tradable	proportion	$83*((1-82)*(1+81)-1)$
215	CTE _f proportion fo farmers	proportion	$212 <> "n.a.", 212*74, IF(213 <> "n.a.", 213*74, 214*7$
216			
217	CTE_f: Pesticides		
218	Undistorted international price if importable	LC/MT	$IF(88 <> "n.a.", 88*71, 90*(1+91)*71)$
219	Undistorted international price if exportable	LC/MT	$IF(89 <> "n.a.", 89*71, 90*(1+92)*71)$
220	Importable	proportion	$(1+93)*87/218-1$
221	Exportable	proportion	$(1+93)*87/219-1$
222	Non tradable	proportion	$95*((1-94)*(1+93)-1)$
223	CTE _f proportion fo farmers	proportion	$220 <> "n.a.", 220*86, IF(221 <> "n.a.", 221*86, 222*8$
224			
225	CTE_f: Credit		
226	CTE _f proportion fo farmers	proportion	$98*101*((1-100)*(1+99)-1)$
227			
228	CTE_f: Fuel/electricity		
229	CTE _f proportion fo farmers	proportion	$105*108*((1-107)*(1+106)-1)$
230			
231	CTE_f: Other		
232	Undistorted international price if importable	LC/MT	$IF(113 <> "n.a.", 113*71, 115*(1+116)*71)$
233	Undistorted international price if exportable	LC/MT	$IF(114 <> "n.a.", 114*71, 115*(1+117)*71)$
234	Importable	proportion	$(1+118)*112/232-1$
235	Exportable	proportion	$(1+118)*112/233-1$
236	Non tradable	proportion	$120*((1-119)*(1+118)-1)$
237	CTE _f proportion fo farmers	proportion	$14 <> "n.a.", 234*111, IF(235 <> "n.a.", 235*111, 236*$
238			
239	CTE_f: MEMO ITEM: water		
240	CTE _f proportion fo farmers	proportion	$123*126*((1-125)*(1+124)-1)$
241			
242	TOTAL CTE_f	proportion	$215+223+226+229+237$
243			
244	DRA_f: Farm sector		
245	If primary is importable	proportion	166-242
246	If primary is exportable	proportion	167-242
247	If primary is non tradable and processed is importable	proportion	168-242
248	If primary is non tradable and processed is exportable	proportion	169-242
249	If primary is non tradable and processed is non tradable	proportion	170-242
250	If primary is non tradable and no processed good exists	proportion	171-242
251	Selecting DRA _f between lines 245 and 250 according to trading status	proportion	172-242
252	DRA_p: Processing sector		
253	Importable	proportion	$182-193*(15*(\text{either } 158 \text{ or } 159 \text{ or } 20)/162)$
254	Exportable	proportion	$183-193*(15*(\text{either } 158 \text{ or } 159 \text{ or } 20)/163)$
255	Non tradable	proportion	$184-193*(15*(\text{either } 158 \text{ or } 159 \text{ or } 20)/21)$
256	Selecting DRA _p between lines 253 and 255 according to trading status	proportion	$IF(14="M", 253, IF(14="X", 254, 255))$
257			
258	NTBs		
259	Tariff equivalent of NTBs on importable primary product	proportion	$(166+1)/(22*(1+24)*(1+(67-71)/71))-1-57$
260	Tariff equivalent of NTBs on exportable primary product	proportion	$1+58-((167+1)/(22*(1+24)*(1-(71-68)/71)))$
261	Tariff equivalent of NTBs on importable processed products	proportion	$(182+1)/((1+25)*(1+(69-71)/71))-1-59$
262	Tariff equivalent of NTBs on exportable processed products	proportion	$1+60-((183+1)/((1+25)*(1-(71-70)/71)))$
263			
264	% proportion of NRA_f:		
265	Exchange rate distortions (if importable)	%	$(67-71)/71/(22*((67-71)/71)+24+22*258+22*57)^{-1}$
266	Import tariffs (if importable)	%	$22*57/(22*((67-71)/71)+24+22*258+22*57)*100$
267	Production subsidies (if importable)	%	$24/(22*((67-71)/71)+24+22*258+22*57)*100$
268	NTBs (if importable)	%	$22*258/(22*((67-71)/71)+24+22*258+22*57)*100$
269	Exchange rate distortions (if exportable)	%	$(71-68)/71/(-22*((71-68)/71)+24-22*259+22*58)^{-1}$
270	Export subsidies (if exportable)	%	$22*58/(-22*((71-68)/71)+24-22*259+22*58)*100$
271	Production subsidies (if exportable)	%	$24/(-22*((71-68)/71)+24-22*259+22*58)*100$
272	NTBs (if exportable)	%	$22*259/(-22*((71-68)/71)+24-22*259+22*58)*100$
273			
274	% proportion of NRA_p:		
275	Exchange rate distortions (if importable)	%	$((69-71)/71)/(((69-71)/71)+25+261+59)*100$
276	Import tariffs (if importable)	%	$59/(((69-71)/71)+25+261+59)*100$
277	Production subsidies (if importable)	%	$25/(((69-71)/71)+25+261+59)*100$
278	NTBs (if importable)	%	$261/(((69-71)/71)+25+261+59)*100$
279	Exchange rate distortions (if exportable)	%	$(-(71-70)/71)/(-((71-70)/71)+25-262+60)*100$
280	Export subsidies (if exportable)	%	$60/(-((71-70)/71)+25-262+60)*100$
281	Production subsidies (if exportable)	%	$25/(-((71-70)/71)+25-262+60)*100$

283			
284	% OF DRA	% proportion of DRA_t:	
285		CTE _t	% (-100)*242/250
286			
287	% OF DRA	% proportion of DRA_p:	
288		CTE _p	% (-100)*193/256
289			
290	UNDISTORTED PRODUCTION AND CONSUMPTION VALUES (to be used as average weights)	Value of primary production (at wholesale undistorted prices)	
291		Importable	LC 4*158
292		Exportable	LC 4*159
293		Non tradable (at wholesale domestic price)	LC 4*20
294		Value of primary prod. from rows 291,292,293 according to trading status	LC IF(2="M",291,IF(2="X",292,293))
295			
296		Value of processed production (at wholesale undistorted prices)	
297		Importable	LC 150*162
298		Exportable	LC 150*163
299		Non tradable (at wholesale domestic price)	LC 150*21
300		Value of primary prod. from rows 297,298,299 according to trading status	LC IF(14="M",297,IF(14="X",298,299))
301			
302	Value of h'hold consumption of primary products		
303	Importable	LC 12*158	
304	Exportable	LC 12*159	
305	Non tradable (at wholesale domestic price)	LC 12*20	
306	Value of primary cons. from rows 303,304,305 according to trading status	LC IF(2="M",303,IF(2="X",304,305))	
307			
308	Value of h'hold consumption of processed products		
309	Importable	LC 151*162	
310	Exportable	LC 151*163	
311	Non tradable (at wholesale domestic price)	LC 151*21	
312	Value of processed cons. from lines 309,310,311 according to trading statu:	LC IF(14="M",309,IF(14="X",310,311))	
313			
314	DOMESTIC PRICES AND MARGINS (from section I, part 5)	Farm-gate selling price (P _f)	LC/MT <>"n.a.",128,IF(OR(129,130="n.a."),"n.a.",130)/(1
315		Markup on farm-gate price (transportation, storage, etc.)	proportion <>"n.a.","n.a.",IF(OR(128,130="n.a."),"n.a.",130/
316		Wholesale price for primary good (P _w) (from line 20)	LC/MT 130
317			
318		Primary good:	
319		Retail markup on primary wholesale prices (net of consumption tax)	proportion ,IF(OR(130="n.a.",134="n.a.",26="n.a."),"n.a.",1:
320		Retail price for primary good (Pr) (including consumption tax)	LC/MT ,IF(OR(133="n.a.",130="n.a.",26="n.a."),"n.a.",1:
321			
322		Processed goods:	
323		Markup on primary wholesale price (processing costs, etc.)	proportion '<>"n.a.",137,IF(OR(130,138="n.a."),"n.a.",138/1
324		Wholesale price for processed goods (P _{wp}) (from line 21)	LC/MT 138
325		Retail markup on processed wholesale prices (net of consumption tax)	proportion),IF(OR(140="n.a.",138="n.a.",27="n.a."),"n.a.",1:
326	Retail price for processed goods(Prp) (including consumption tax)	LC/MT ,IF(OR(138="n.a.",139="n.a.",27="n.a."),"n.a.",1:	
327			
328	Markup on primary wholesale price net of conversion factor	proportion .(15="n.a.",130="n.a.",138="n.a."),"n.a.",15*138/	
329			
330	OTHER	Comparison of markup on farm-gate price with NRA _t	% 100*315/171
331			
332		Domestic margins and distortions to primary good (P _t / P _{lob})	proportion 314/159
333			
334	Exchange rate distortions to import (in overall economy)	proportion (66-71)/71	