

Estimates of Global Distortions to Agricultural Incentives, 1955 to 2007

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The country case studies from which the key distortion estimates in this database are compiled (the Nominal Rate of Assistance to farmers, or NRA) are available as Working Papers at the project's website at www.worldbank.org/agdistortions. Also available there are (or will be during 2009) e-book versions of the five books that emerged from the first stage of this project, on Africa, Asia, Latin America, Europe's transition economies, and a global overview.

The extent of the coverage of the database across countries and products is summarized in the tables below. That is followed by a detailed list of the variables in the database.

Citation for the database:

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Citations for the 5 books from Stage 1 of the project:

- Anderson, K. and Associates (2009), *Distortions to Agricultural Incentives: A Global Perspective, 1955 to 2007*, London: Palgrave Macmillan and Washington DC: World Bank (forthcoming July).
- Anderson, K. and W. Martin (eds.) (2009), *Distortions to Agricultural Incentives in Asia*, Washington DC: World Bank (forthcoming February).
- Anderson, K. and W. Masters (eds.) (2009), *Distortions to Agricultural Incentives in Africa*, Washington DC: World Bank (forthcoming March).
- Anderson, K. and J. Swinnen (eds.) (2008), *Distortions to Agricultural Incentives in Europe's Transition Economics*, Washington DC: World Bank.
- Anderson, K. and A. Valdés (eds.) (2008), *Distortions to Agricultural Incentives in Latin America*, Washington DC: World Bank.

Table 1: Summary of NRA coverage statistics, World Bank agricultural distortions project

Number and size of countries	Number	2000-04 % of global:	
		Popn.	Ag GDP
Africa	21	11	7
Asia	12	51	37
Latin America	8	7	8
SUB-TOTAL, all DCs	41	69	52
European transition econs	14	7	7
High-income countries	19	14	33
TOTAL	74	92	92
Number of years covered	Maximum	Av. per country	
Africa	51	43	
Asia	53	42	
Latin America	51	39	
SUB-TOTAL, all DCs	53	43	
European transition econs	47	16	
High-income countries	53	52	
TOTAL	51	41	
Number of products covered	Maximum	Av. per country	
Africa	44	9	
Asia	35	8	
Latin America	27	10	
SUB-TOTAL, all DCs	59	9	
European transition econs	25	13	
High-income countries	40	15	
TOTAL	74	12	
Total number of NRA ests. (years and products)	Total	Av. per country	
Africa	7,083	337	
Asia	3,546	296	
Latin America	2,881	360	
SUB-TOTAL, focus DCs	12,790	355	
European transition econs	3,065	219	
High-income countries	14,668	772	
TOTAL, focus countries	31,243	422	
Share of global agric. prod'n of 30 key covered products, 2000-03	%		
Africa	5		
Asia	26		
Latin America	7		
SUB-TOTAL, focus DCs	41		
European transition econs	6		
High-income countries	27		
TOTAL, focus countries	71		

Table 2: Coverage of gross value of agricultural production at undistorted prices, for 30 key products and four product groups, 2000-04

	Coverage of product's global GVOP, %	Product's share of global GVOP of 30 key products, %
Grains and tubers	84	29.2
Rice	92	8.8
Wheat	89	7.4
Maize	94	6.7
Cassava	41	2.1
Barley	78	1.6
Sorghum	50	0.9
Yam	77	0.8
Millet	28	0.5
Oat	60	0.3
Oilseeds	78	7.5
Soybean	96	3.7
Groundnut	34	1.1
Palmoil	90	1.0
Rapeseed	64	0.9
Sunflower	77	0.6
Sesame	9	0.3
Tropical crops	74	7.3
Sugar	87	2.3
Cotton	82	1.7
Coconut	60	0.8
Coffee	75	0.7
Rubber	74	0.6
Tea	21	0.6
Cocoa	71	0.4
Chickpea	61	0.2
Livestock products	63	56.0
Pigmeat	91	11.6
Milk	83	11.1
Beef	69	9.7
Poultry	81	7.1
Egg	17	12.5
Sheepmeat	25	3.3
Wool	41	0.6
All above products	71	100.0

Note: Fruit and vegetables, which account for around 23% of global ag GVOP in 2001 (according to GTAP database – see Dimaranan 2006) are not included in this table, even though several fruits and vegetables for selected countries are included in the analysis.

Source: Authors' calculations from Agricultural Distortions Project database.

Table 3: Current project's coverage of national agricultural production of focus countries at undistorted prices, regional averages, 1980 to 2004
(percent)

	1980-84	1990-94	2000-04
Africa	68	67	70
Asia	75	73	66
Latin America	65	69	70
SUB-TOTAL, focus DCs	72	72	67
European transition econs	63	63	65
High-income countries	74	73	73
TOTAL, all focus countries	72	72	69

Table 4: Share of global agricultural production for 30 major covered products, Africa, Asia, Latin America, Europe's transition economies and high-income regions, 2000-04

	Regional shares (%) of global gross value of agric production (GVOP)								Product share (%) of global GVOP of 30 products
	Focus countries						Non-focus countries	World	
	Africa	Asia	LAC	ECA	HIC	All			
Grains+tubers	11	39	5	6	23	84	16	100	29
Rice	3	81	2	0	5	92	8	100	10
Wheat	6	32	4	14	33	89	11	100	8
Maize	11	26	13	5	40	94	6	100	7
Cassava	39	2	0	0	0	41	59	100	2
Barley	0	0	1	23	54	78	22	100	2
Sorghum	18	10	10	0	12	50	50	100	1
Yam	77	0	0	0	0	77	23	100	1
Millet	28	0	0	0	0	28	72	100	1
Oat	0	0	0	28	33	60	40	100	0
Oilseeds	4	22	20	4	28	78	22	100	8
Soybean	0	15	37	0	43	96	4	100	4
Groundnut	16	17	0	0	0	34	66	100	1
Palmoil	8	81	2	0	0	90	10	100	1
Rapeseed	0	12	0	4	47	64	36	100	1
Sunflower	3	5	16	39	14	77	23	100	1
Sesame	8	0	0	0	0	9	91	100	0
Tropical crops	10	36	12	5	11	74	26	100	7
Sugar	5	43	17	6	16	87	13	100	2
Cotton	11	30	5	14	22	82	18	100	2
Coconut	0	60	0	0	0	60	40	100	1
Coffee	11	12	52	0	0	75	25	100	1
Rubber	0	74	0	0	0	74	26	100	1
Tea	11	10	0	0	0	21	79	100	1
Cocoa	68	0	3	0	0	71	29	100	0
Chickpea	0	61	0	0	0	61	39	100	0
Livestock products	2	18	6	6	32	63	37	100	56
Pigmeat	0	49	3	6	34	91	9	100	12
Milk	3	21	4	12	43	83	17	100	12
Beef	6	1	16	5	41	69	31	100	11
Poultry	2	27	9	5	38	81	19	100	8
Egg	0	1	2	3	11	17	83	100	7
Sheepmeat	5	0	0	3	17	25	75	100	3
Wool	0	0	0	0	41	41	59	100	1
Total of above 30 products	5	26	7	6	27	71	29	100	100

Sources: Authors' calculations based on Agricultural Distortions database and FAO commodity balance and production data.

Table 5: Share of regional agricultural production for 30 major covered products, Africa, Asia, Latin America, Europe's transition economies and high-income regions, 2000-04

	Product shares (%) of regional gross value of agric production (GVOP)					
	Focus countries					
	Africa	Asia	LAC	ECA	HIC	ALL
Grains + tubers	37.2	21.7	14.3	15.8	14.4	21.0
Rice	2.9	13.6	1.9	0.1	1.0	12.3
Wheat	4.7	4.6	3.0	9.6	5.3	5.6
Maize	8.5	3.3	8.3	2.5	5.8	5.6
Cassava	9.4	0.1	0.0	na	na	8.9
Barley	na	0.0	0.2	3.0	1.8	2.2
Sorghum	2.5	0.2	0.9	na	0.2	1.3
Yam	7.1	na	na	na	na	7.1
Millet	2.1	na	na	na	na	2.1
Oat	na	na	na	0.6	0.2	0.4
Oilseeds	3.3	3.1	14.5	2.2	4.6	6.5
Soybean	0.0	1.1	13.3	0.0	3.4	6.9
Groundnut	2.0	0.4	0.0	na	na	1.1
Palmoil	0.9	1.4	0.1	na	na	1.3
Rapeseed	na	0.2	na	0.3	0.9	0.8
Sunflower	0.2	0.1	0.9	1.9	0.2	1.2
Sesame	0.2	na	0.0	na	na	0.2
Tropical crops	8.0	5.1	8.1	3.3	1.6	5.3
Sugar	1.2	1.9	3.8	1.2	0.8	2.0
Cotton	2.3	1.0	0.9	2.1	0.8	1.3
Coconut	na	0.8	na	na	na	0.8
Coffee	0.8	0.1	3.3	na	na	2.4
Rubber	na	0.9	na	na	na	0.9
Tea	0.7	0.1	na	na	na	0.4
Cocoa	3.1	0.0	0.1	na	na	2.9
Chickpea	na	0.3	na	na	na	0.3
Livestock products	13.9	18.9	29.9	27.9	38.1	30.2
Pigmeat	na	10.6	3.0	5.7	8.4	9.2
Milk	3.5	4.5	4.4	10.9	10.5	8.5
Beef	6.9	0.2	14.6	4.3	8.6	9.4
Poultry	1.6	3.6	5.9	2.6	5.9	4.8
Egg	na	0.1	1.9	3.5	3.1	2.9
Sheepmeat	1.8	na	na	0.9	1.2	1.3
Wool	na	na	na	na	0.5	0.5
Total of above 30	62.4	48.8	66.7	49.2	58.7	55.4
All covered	68.2	65.9	70.4	63.1	73.3	68.8
Non-covered	31.8	34.1	29.6	36.9	26.7	31.2
All agric	100	100	100	100	100	100

Sources: Authors' calculations based on Agricultural Distortions database and FAO commodity balance and production data.

Table 6: Share of global agricultural and processed food exports for 30 major covered products, Africa, Asia, Latin America, Europe's transitions economies and high-income regions, 2000-03

	Share (%) of global agric and food exports for each region							Product's share (%) of global gross value of ag&food exports
	Focus countries						Non-focus countries	
	Africa	Asia	LAC	HIC	ECA	All focus		
Grains+ tubers	0.9	16.0	7.4	60.4	5.2	89.9	10.1	8.0
Rice	2.0	53.9	0.3	27.2	0.0	83.4	16.6	1.5
Wheat	0.3	3.2	8.1	75.9	7.5	95.0	5.0	3.4
Maize	1.4	12.6	14.7	66.5	3.0	98.3	1.7	2.2
Cassava	0.1	72.6	0.0			72.8	27.2	0.1
Barley		0.0	0.0	75.0	17.2	92.2	7.8	0.6
Sorghum	0.4	0.1	0.0	0.4		0.9	99.1	0.2
Yam	21.5					21.5	78.5	0.0
Millet	3.2					3.2	96.8	0.0
Oat				45.9	0.8	46.7	53.3	0.0
Oilseeds	0.6	32.4	19.7	29.2	3.1	85.1	14.9	3.8
Soybean	0.0	3.6	45.4	45.0	0.0	94.1	5.9	1.5
Groundnut	1.0	8.3	3.4			12.7	87.3	0.1
Palmoil	0.1	84.4	0.6			85.0	15.0	1.4
Rapeseed		0.1		87.5	3.4	91.0	9.0	0.4
Sunflower	0.5	0.1	21.8	22.9	33.9	79.1	20.9	0.3
Sesame	19.0		0.5			19.5	80.5	0.1
Tropical crops	14.9	18.6	14.7	18.4	1.3	70.9	29.1	5.8
Sugar	3.2	11.4	23.3	30.9	3.2	71.9	28.1	2.2
Cotton	23.6	4.2	1.7	46.7	0.8	76.9	23.1	0.8
Coconut		62.2				62.2	37.8	0.0
Coffee	9.8	14.4	34.5			58.7	41.3	0.9
Rubber		93.3				93.3	6.7	0.5
Tea	15.6	27.9				43.6	56.4	0.6
Cocoa	69.1	0.6	2.3			71.9	28.1	0.7
Chickpea		0.2				0.2	99.8	0.1
Livestock products	0.0	3.3	5.6	75.1	3.8	87.9	12.1	16.7
Pigmeat		3.0	3.8	79.5	3.3	89.6	10.4	3.4
Milk	0.0	0.4	1.6	81.0	4.9	87.9	12.1	6.3
Beef	0.1	0.0	11.1	77.4	2.3	90.9	9.1	3.5
Poultry	0.1	16.6	13.0	54.6	5.0	89.3	10.7	2.5
Egg		0.0	0.1	0.3	5.1	5.5	94.5	0.2
Sheepmeat	0.0			89.8	0.2	90.0	10.0	0.5
Wool				79.6		79.6	20.4	0.2
Total of above 30 products	2.8	12.1	9.1	57.0	3.7	84.7	15.3	34.2
All agric and processed food exports	2.4	10.8	10.0	60.5	4.0	87.9	12.1	100.0

Source: FAO Trade Data.

Table 7: Share of global agricultural and processed food imports for 30 major products, African, Asian, Latin American, Europe's transitions economies and high-income regions, 2000-03^a

	Share (%) of global agric and food imports for each region							Product's share (%) of global gross value of ag&food imports
	Focus countries						Non-focus countries	
	Africa	Asia	LAC	HIC	ECA	All focus		
Grains+tubers	6.9	7.4	8.9	21.3	2.9	47.4	52.6	9.0
Rice	10.6	12.3	4.6	19.5	1.3	48.3	51.7	1.6
Wheat	7.8	6.8	9.5	24.9	3.4	52.5	47.5	3.8
Maize	6.2	7.6	10.3	19.6	3.4	47.0	53.0	2.5
Cassava	0.0	0.0	0.0			0.0	100.0	0.1
Barley		0.6	0.5	27.9	3.5	32.5	67.5	0.6
Sorghum	0.9		50.2	0.0		51.0	49.0	0.2
Yam						0.0	100.0	0.0
Millet	0.0					0.0	100.0	0.0
Oat				14.9	1.3	16.1	83.9	0.1
Oilseeds	0.9	11.1	2.7	23.5	0.9	39.1	60.9	4.2
Soybean	0.0	25.9	6.7	43.4	0.2	76.2	23.8	1.7
Groundnut	0.5	0.0	0.0			0.5	99.5	0.1
Palmoil	2.3	1.4	0.0			3.7	96.3	1.5
Rapeseed				28.0	0.3	28.3	71.7	0.5
Sunflower	1.1	3.2	0.2	40.3	10.9	55.7	44.3	0.3
Sesame	0.0		0.0			0.0	100.0	0.1
Tropical crops	1.0	6.5	0.8	11.1	6.0	25.5	74.5	6.1
Sugar	2.5	8.0	1.0	28.8	12.9	53.2	46.8	2.3
Cotton	0.4	16.2	3.1	0.7	8.0	28.4	71.6	0.8
Coconut		0.2				0.2	99.8	0.0
Coffee	0.0	0.1	0.2			0.3	99.7	0.9
Rubber		6.7				6.7	93.3	0.5
Tea	0.2	0.4				0.6	99.4	0.6
Cocoa	0.0	4.3	0.0			4.3	95.7	0.8
Chickpea		23.5				23.5	76.5	0.1
Livestock products	0.5	3.3	3.7	62.3	4.5	74.4	25.6	16.8
Pigmeat		2.2	2.5	78.7	5.6	89.0	11.0	3.6
Milk	0.6	2.3	3.0	57.2	3.2	66.3	33.7	6.3
Beef	1.2	5.8	7.6	68.8	3.8	87.2	12.8	3.4
Poultry	0.4	5.7	3.0	55.9	8.7	73.6	26.4	2.4
Egg		0.1	2.1	0.4	4.2	6.8	93.2	0.2
Sheepmeat	0.5			52.8	0.0	53.3	46.7	0.6
Wool				1.3		1.3	98.7	0.2
Total of above 30 products	2.3	5.8	4.4	39.0	3.9	55.3	44.7	36.0
All agric and processed food imports	2.4	11.1	4.4	62.2	5.8	85.9	14.1	100.0

^a The overall coverage of imports is less than that of exports because a major food-importing region, the Middle East and North Africa, is represented in the project only by Turkey and Egypt. Source: FAO Trade Data.

Table 8: Table of X/Q, M/C and Q/C, regional summary, 2000-03

		Africa	Asia	Latin America	Europe's transition economies	High-income countries	World
Grains and tubers	X/Q						
	M/C						
	Q/C						
Rice	X/Q	4.8	5.6	0.6	1.5	35.6	
	M/C	25.4	1.4	12.0	58.6	22.0	
	Q/C	80.3	86.7	90.4	42.2	82.1	
Wheat	X/Q	2.9	2.6	37.8	11.0	79.3	
	M/C	43.8	4.5	50.6	5.8	26.6	
	Q/C	55.6	95.7	92.6	104.0	71.9	
Maize	X/Q	3.5	6.6	12.0	7.7	18.3	
	M/C	14.5	4.7	13.6	9.2	5.9	
	Q/C	77.0	96.3	102.5	95.6	100.8	
Cassava	X/Q	0.0		0.5			
	M/C	0.0	0.0	0.0			
	Q/C	93.0	0.0	100.3			
Barley	X/Q		1.0	0.0	11.0	80.4	
	M/C		44.3	24.3	4.8	13.9	
	Q/C		56.4	77.0	111.8	36.9	
Sorghum	X/Q	0.2	0.0	0.0		0.9	
	M/C	0.2	0.0	41.9		0.0	
	Q/C	96.4	104.4	58.1		122.9	
Millet	X/Q	0.2					
	M/C	0.0					
	Q/C	100.4					
Oat	X/Q				0.4	67.5	
	M/C				0.5	6.5	
	Q/C				99.6	24.4	
Oilseeds	X/Q						
	M/C						
	Q/C						
Soybean	X/Q	8.8	1.6	25.7	11.9	32.6	
	M/C	5.2	48.6	11.6	40.9	32.4	
	Q/C	92.2	53.3	132.3	70.8	105.4	

		Africa	Asia	Latin America	Europe's transition economies	High-income	World
Groundnut	X/Q	0.4	2.9	62.5			
	M/C	0.3	0.0	0.8			
	Q/C	76.3	93.1	294.8			
Palmoil	X/Q	0.6	68.6	3.1			
	M/C	14.8	10.5	2.2			
	Q/C	85.9	658.2	571.0			
Sunflower	X/Q	0.2	0.1	4.2	13.8		
	M/C	0.4	0.0	0.1	4.0	44.1	
	Q/C	86.3	92.5	137.1	108.7	0.0	
Sesame	X/Q	55.6		128.0			
	M/C	0.1		0.1			
	Q/C	213.6		1562.4			
Tropical crops	X/Q						
	M/C						
	Q/C						
Sugar	X/Q	2.5	1.3	2.9	5.9	12.0	
	M/C	20.0	8.8	4.3	45.5	25.5	
	Q/C	851.1	803.7	1858.1	174.1	215.7	
Cotton	X/Q	17.4	2.8	3.8	1.6	70.3	
	M/C	2.4	4.1	8.8	21.1	2.9	
	Q/C	141.4	32.2	104.0	81.8	49.0	
Coconut	X/Q		7.2				
	M/C		0.3				
	Q/C		109.5				
Coffee	X/Q	33.2	62.3	55.2			
	M/C	2.1	3.3	4.7			
	Q/C	432.2	412.7	575.0			
Rubber	X/Q		134.3				
	M/C		70.8				
	Q/C		385.0				
Tea	X/Q	42.6	61.7				
	M/C	22.1	6.5				
	Q/C	2097.4	436.8				
Cocoa	X/Q	26.3	358.4	85.0			
	M/C	1.8	2433.5	13.5			
	Q/C	1087.1	1009.3	671.2			

		Africa	Asia	Latin America	Europe's transition economies	High-income	World
Livestock products	X/Q						
	M/C						
	Q/C						
Pigmeat	X/Q		0.7	12.2	4.8	38.5	
	M/C		1.5	8.2	11.5	20.1	
	Q/C		102.3	84.9	86.8	44.0	
Milk	X/Q	0.0	0.2	3.6	2.0	12.8	
	M/C	0.8	0.9	5.2	0.7	3.2	
	Q/C	123.0	82.9	99.4	99.3	46.9	
Beef	X/Q	0.1	2.2	8.2	5.7	27.4	
	M/C	9.3	47.8	5.1	14.1	19.9	
	Q/C	559.6	46.0	107.0	84.0	72.1	
Poultry	X/Q	0.7	8.7	12.1	5.4	24.7	
	M/C	9.0	10.6	5.0	28.4	10.5	
	Q/C	101.5	90.3	120.0	75.8	67.1	
Egg	X/Q		0.0	0.0	0.9	19.4	
	M/C		0.6	0.9	0.9	9.6	
	Q/C		160.7	99.2	93.2	35.5	
Sheepmeat	X/Q	0.0			0.4	98.4	
	M/C	6.5			0.1	20.6	
	Q/C	6783.7			65.1	37.9	
Wool	X/Q					88.0	
	M/C					1.6	
	Q/C					69.3	

Source: FAO Commodity Balances data.

Table 9: Variables in the Agricultural Distortions database, 1955 to 2007

<u>Variable name</u>	<u>Description</u>
ccode	country code
country	Country
year	Year
product	Product, the word 'GENERAL' refers to aggregate information
trade_status	Product trade status
nra	NRA, Nominal Rate of Assistance, by product $NRA = NRA_{bms} + NRA_{dms} + NRA_{inputs}$ where $NRA_{output} = NRA_{bms} + NRA_{dms}$
nra_o	NRAo, Nominal Rate of Assistance to output, by product
nra_i	NRAi, Nominal Rate of Assistance to input, by product
nra_bms	NRAbms, Nominal Rate of Assistance to output conferred by border market price support, by product
nra_bms_x	NRAbms (Exportable product), Nominal Rate of Assistance to output conferred by border market price support, by product
nra_bms_M	NRAbms (importable product), Nominal Rate of Assistance to output conferred by border market price support, by product
nra_dms	NRA dms, Nominal Rate of Assistance to output conferred by domestic price support, by product
nra_covt	NRA_covered_products, Value of production-weighted average of covered products NRA to covered products can be decomposed into: $NRA_COVT = NRA_cov_bms + NRA_cov_dms + NRA_cov_inputs$ where $NRA_covered_output = NRA_cov_bms + NRA_cov_dms$
nra_cov_i	NRA to inputs, value of production-weighted average of covered products
nra_cov_o	NRA to output, value of production-weighted average of covered products
nra_cov_dms	NRA to output conferred by domestic market price support, value of production-weighted average of covered products
nra_cov_bms	NRA to output conferred by border market price support, value of production-weighted average of covered products
nra_bms_covm	NRA to output conferred by border market price support, value of production-weighted average of covered products, only IMPORTABLES
nra_bms_covx	NRA to output conferred by border market price support, value of production-weighted average of covered products, only EXPORTABLES
nra_covh	NRA covered products, value of production-weighted average, Nontradables
nra_covm	NRA covered products, value of production-weighted average, Importables
nra_covx	NRA covered products, value of production-weighted average, Exportables
nra_covt_simpleave	NRA, Simple average of covered products
nra_ncm	NRA Non Covered products, Value of production-weighted average, Importables
nra_ncx	NRA Non Covered products, Value of production-weighted average, Exportables

<u>Variable name</u>	<u>Description</u>
nra_nch	NRA Non Covered products, Value of production-weighted average, Nontradables
nra_nct	NRA non-covered products (total), Value of production-weighted average
nps	Non-product-specific assistance (NPSA), in USD
NRA_TOTAL accounts for Covered and Non-Covered products	
nra_tot	NRA All (primary) Agriculture, TOTAL for covered and non-covered and NPSA, Value of production-weighted average.
nra_totp	NRA All (primary) Agriculture, TOTAL excluding NPSA
nra_totm	NRA All (primary) Agriculture, Value of production-weighted average, Importables
nra_totx	NRA All (primary) Agriculture, Value of production-weighted average, Exportables
nra_toth	NRA All (primary) Agriculture, Value of production-weighted average, Nontradables
nra_agtrad	NRA Tradables-only in (primary) Agriculture, Value of production-weighted average.
nra_nonagtrad	NRA Non-Agricultural Sectors , Tradables
rra	RRA, Relative Rate of Assistance
nra_totd	NRA Total Ag., excl. NPSA and decoupled payment (in HI countries)
nra_agtrad_decpay	NRA Ag Tradables, including decoupled support in HI countries
decpay	Decoupled payments (% of total vop)
nps_input	Non Product Specific payments (only) to inputs, relevant to HI countries
rra_decpay	RRA with decoupled payments included, HI countries
er_econ	Exchange Rate, estimated equilibrium, used in calculations
q	Volume of Production, MT
pd	Domestic producer farmgate price, LC/MT
er_prod	(if available) product specific Exchange Rate
vop_prod	Value of production (at undistorted farm price), by product, USD
vop_covt	Value of production total COVERED products (at undistorted farm price), USD
vop_covh	Value of production COVERED products Non-tradables (at undistorted farm price), USD
vop_covm	Value of production COVERED products Importables (at undistorted farm price), USD
vop_covx	Value of production COVERED products Exportables (at undistorted farm price), USD
vop_nch	Value of production NON-COVERED products Non-tradables (at undistorted farm price), USD
vop_ncm	Value of production NON-COVERED products Importables (at undistorted farm price), USD
vop_ncx	Value of production NON-COVERED products Exportables (at undistorted farm price), USD

<u>Variable name</u>	<u>Description</u>
vop_nct	Value of production NON-COVERED products TOTAL (at undistorted farm price), USD
vop_tot	Value of production TOTAL Agriculture (at undistorted farm price), USD
cte	consumer tax equivalent in USD, by product
cte_covh	CTE , for all covered products , Value of consumption-weighted average, Non-Tradables
cte_covm	CTE , for all covered products , Value of consumption-weighted average, Importables.
cte_covx	CTE , for all covered products , Value of consumption-weighted average, Exportables
cte_covt	CTE , TOTAL for all covered products , Value of consumption-weighted average.
cte_covt_ave	CTE , TOTAL for all covered products , simple average
voc_prod	Value of consumption (at undistorted farm price), by product, USD
voc_covh	Value of consumption COVERED products Non-tradables (at undistorted farm price), USD
voc_covm	Value of consumption COVERED products Importables (at undistorted farm price), USD
voc_covx	Value of consumption COVERED products Exportables (at undistorted farm price), USD
voc_covt	Value of consumption total COVERED products (at undistorted farm price), USD
Derived variables to estimate trade flows	
ssr	Self Sufficiency ratio, from FAO (= Q/C (vol.)) or from OECD (= Q/C (value at undistorted prices))
shrimp	Share of imports in consumption, FAOSTAT
shrexp	Share of exports in production, FAOSTAT
ac_prod	Apparent consumption (volume)
pop_agreconact	Pop. total economically active in Agr (from FAOSTAT)
pop_agric	Pop. agricultural (FAOSTAT)
pop_nonagric	Pop. non-agricultural (FAOSTAT)
pop_rural	Pop. rural (FAOSTAT)
pop_total	Pop. total (FAOSTAT)
pop_urban	Pop. urban (FAOSTAT)
pop_toteconact	Pop. total economically active (FAOSTAT)