

Dear All,

I've now had a chance to look some more at the GTAP 7 RC1 database, particularly focusing on the disposition of several agricultural products as inputs to production of other sectors. I first noticed that a rather large proportion (70%) of Philippine cereal grains (GRO) goes to the rice processing sector (PCR) and only 10% goes to other food processing (OFD). It turns out that the PCR sector in the new PHL SAM includes both rice and corn milling. This is according to the I-O table contributor.

After a further look at some selected sectors of interest, I have the following questions:

- a) What does it mean when a large proportion of some agricultural products go to the TRD sector? Is this related to exports which should otherwise show up in the trade-related arrays?
- b) Similarly, why do large proportions of some agricultural products go to production of capital goods (CGDS). For most countries, CGDS are comprised mostly of heavy manufactures and construction.
- c) Large proportions of some agricultural products go to OSG in a few countries. How are these related to government purchases (VDGM, VIGM)?

In the following table, I have included some of the data that I found rather unusual. The shares information indicates the share of domestic + imported inputs used as inputs in various sectors. Some of the large shares are calculated from rather small flows. In the curious case of GRO used in OIL in MUS and SGR used in OIL in NGA, it is the imported intermediate that contributes to the unusual shares going to the OIL sectors.

I would appreciate your letting me know if there are true anomalies in the unusual shares in the table.

Thanks,

Betina

Unusual Shares of TRAD_COMM (domestic + imported) going to PROD_COMM in REG

TRAD_COMM	PROD_COMM	REG	% share
GRO	OIL	MUS	32
GRO	PCR	PHL	70
GRO	PCR	BOL	44
GRO	OMF	ARM	37
GRO	CGDS	KAZ	69
GRO	CGDS	KGZ	44
GRO	CGDS	XSU	66
GRO	CGDS	AZE	75
GRO	OSG	USA	33
GRO	OSG	BWA	61
GRO	OSG	XNF	27
GRO	MIL	VNM	73
GRO	OTP	SEN	24
GRO	TRD	TUN	47
GRO	TRD	XNF	51
GRO	TRD	KGZ	32
GRO	TRD	GBR	24
GRO	TRD	ESP	22
GRO	TRD	LKA	71
GRO	CNS	CHN	24
C_B	GAS	NOR	43
C_B	CNS	CHN	51
C_B	CNS	XEA	42
C_B	CNS	CAN	45
C_B	TRD	HKG	70
C_B	TRD	XSU	34
C_B	ROS	ITA	37
C_B	CGDS	VEN	43
C_B	CGDS	CHE	27
SGR	OIL	NGA	50
SGR	TRD	GBR	46
SGR	TRD	ESP	35
SGR	TRD	FIN	36
OSD	OTN	GEO	37
OSD	TRD	PAN	52
OSD	TRD	AUT	32

OSD	TRD	HKG	74
OSD	OBS	ALB	27
OSD	ROS	PRT	41
OSD	OSG	PAN	31
OSD	OSG	TZA	35
OSD	OSG	UGA	28
OSD	CGDS	VEN	53
VOL	TRD	several	
VOL	OBS	LUX	39
VOL	OBS	PRT	23
VOL	OBS	ALB	22
VOL	ROS	VNM	26
VOL	OSG	LKA	23
VOL	OSG	BLR	25
VOL	OSG	KAZ	29
VOL	OSG	KGZ	47
VOL	OSG	ETH	81
VOL	CGDS	LAO	66
OAP	CGDS	MMR	78
OAP	CGDS	NGA	94
OAP	CGDS	GEO	91