



Common Agricultural Policy Regional Impact – The Rural Development Dimension

Collaborative project - Small to medium-scale focused research project under the Seventh Framework Programme
Project No.: 226195

WP2.3 Databases – CAPRI Database Extension and Quality Management
Deliverable: D2.3.3

**Improving National and Regional Time Series Database for
Turkey**

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Ankara, May, 2011

1. Introduction

This deliverable consists of two major parts. First part aggregates the available data in three themes: Agriculture, macro accounts and labor statistics. The second part is devoted to a brief discussion on the formation of SAM for Turkey.

The database contains regional dimension down to NUTS3 levels whenever available. Thus it contains the information that is expected to be covered in “D2.3.4 Regional time series database for Turkey” which is due in month 36 of the project. Deliverable D2.3.4 will update the available database.

The national SAM for Turkey presented in the second part is based upon the structure in Ferrari et al. (2010) and Müller et al. (2009). The regionalization of the SAM is expected to be the same as the SAMs for the EU27 countries.

2. National and Regional Time Series Data For Turkey

Theme 1 - Agriculture

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD
Agriculture	Crop production statistics	Agricultural land	1995-2009		Total Land(decare)	NUTS 3	Yearly
					Area sown of cereals and other crops(decare)		
		Fallow land(decare)					
		Vegetable gardens area(decare)					
		Area of fruit, beverage and spice crops(decare)					
		2001	Irrigated land		NUTS 3	Yearly	
		2001	Rainfed land		NUTS 3	Yearly	
		Crop production	Field crops / Cereals and other crops	1991-2009	Area sown of field area (de)	NUTS 3	Yearly
				Harvested area (de)			
					Production (tons)		
				Yield (kg/de)			
			Vegetables	1991-2009	Production (tons)	NUTS 3	Yearly
			Fruits / Fruits, beverage and spice crops	1991-2009	Area of compaq fruits (de)	NUTS 3	Yearly
				Production (tons)			
				Yield (kg/tree)			
				Bearing number of trees			
				Non bearing number of trees			
			Total number of trees				
		Production of land under protective cover	Vegetables production in land under protective cover	1995-2009	Group name (4 groups)	NUTS 3	Yearly
				Crop name			
				Production(tons)			
			Fruit production in land under protective cover	1995-2009	Group name (4 groups)	NUTS 3	Yearly
				Crop name			
				Production(tons)			
		Vegetables and fruits area for land under protective cover	1995-2009	Total area(decare)	NUTS 3	Yearly	
			Glass greenhouses(decare)				
			Plastic greenhouses(decare)				
			High tunnel(decare)				
			Low tunnel(decare)				

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD
Agriculture	Livestock statistics	Number of animals and animal products	1991-2009	Bovine animals	Animal type	NUTS 3	Yearly
					Adult		
					Young animal		
					Total		
					Number of milked animals (head)		
					Milk (tons)		
					Number of adult slaughtered animals (head)		
					Number of young animals slaughtered (head)		
					Meat total (head)		
					Meat adult (ton)		
					Meat young animals (tons)		
					Meat total (tons)		
					Hide adult quantity		
					Hide young animal quantity		
					Hide total quantity		
		1991-2009	Sheep and goats	Animal type	NUTS 3	Yearly	
				Adult			
				Young animal			
				Total			
				Number of milked animals (head)			
				Milk (tons)			
				Number of adult slaughtered animals (head)			
				Number of young animals slaughtered (head)			
				Meat total (head)			
				Meat adult (ton)			
				Meat young animals (tons)			
				Meat total (tons)			
				Hide adult quantity			
				Hide young animal quantity			
				Hide total quantity			
				Wool hair mohair tons			
		1991-2009	Poultry	Animal type	NUTS 3	Yearly	
		Number of stock					
		Number of slaughtered animals					
		Poultry meat (tons)					

				Number of eggs (1000)	
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THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD
Agriculture	Livestock statistics (cont.)	Number of animals and animal products (cont.)	1991-2009	Apiculture	Number of villages bees	NUTS 3	Yearly
					New hive		
					Old hive		
					Total hive		
					Honey production (Tons)		
			1991-2009	Sericulture	Number of villages bees	NUTS 3	Yearly
					Number of households		
					Opened box (number)		
					Wet cocoon(tons)		
			1991-2009	Equines	Animal type	NUTS 3	Yearly
					Adult (head)		
					Young animal (head)		
					Total		
			1991-2009	Pig	Adult	NUTS 3	Yearly
					Young animal		
					Total		
					Number of adult slaughtered animals (head)		
					Number of young animals slaughtered (head)		
					Meat total (head)		
					Meat adult (ton)		
					Meat young animals (tons)		
					Meat total (tons)		
					Hide adult quantity		
					Hide young animal quantity		
					Hide total quantity		
			1991-2009	Camel	Adult	NUTS 3	Yearly
					Young animal		
					Total		
		Number of adult slaughtered animals (head)					
		Number of young animals slaughtered (head)					
		Meat total (head)					
		Meat adult (ton)					
		Meat young animals (tons)					
		Meat total (tons)					
		Hide adult quantity					
		Hide young animal quantity					
		Hide total quantity					

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD
Agriculture	Livestock statistics (cont.)	Number of animals according to age groups	2004-2009	Bovine animals	Animal type	NUTS 3	Yearly
					Male less than 12 months(Calves)		
					Female less than 12 months(Calves)		
					Young bull 12-24 months		
					Heifer 12 - 24 months		
					Cow +24 months		
					Bull +24 months		
					Bullocks +24 months		
					Total		
			2004-2009	Sheep and goats	Animal type	NUTS 3	Yearly
					Less than 6 months kid of goat(Male-Female)		
					6-12 months(Male-Female)		
					12-24 months(Male-Female)		
					Female Goat +24 months		
					Male Goat +24 months		
					Total		
					Animal type		
					Less than 6 months lamb(Male-Female)		
					6-12 Months(Male-Female)		
					12-24 months(Male-Female)		
					Sheep +24 months		
					Ram +24 months		
					Total		
			2004-2009	Equines	Less than 1 year of age(Female and Male) Donkey-foal	NUTS 3	Yearly
					1 and more years of age(Female and Male)		
					Total		
					Female and Male Colt less than 3 years of age		
		3 and more years of age(Mare)					
		3 and more years of age (Gelding and Horse)					
		3 and more years of age (Stud)					
		Total					
2004-2009	Pig	Less than 1 year of age(Female and Male)	NUTS 3	Yearly			
		1 and more years of age(Female and Male)					
		Total					
2004-2009	Camel	Less than 3 years of age(Female and Male)	NUTS 3	Yearly			
		3 and more years of age(Female)					
		3 and more years of age(Male)					
		Total					

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD	
AAgriculture	Livestock statistics (cont.)	Number of animals sloughered, meat and hide	2007-2009	Bovine animals	Buffaloes (more than 12 month)	NUTS 3	Yearly	
					Bulls (males for breeding)			
					Calves (0-12 months male and female)			
					Cows (calved females)			
					Heifers (females not calved more than 12)			
					Ox (castrated males more than 12 month)			
					Young buffaloes (0-12 month)			
					Young bulls (more than 12 month)			
				2007-2009	Sheep and goats	Goats (less than 12 month)	NUTS 3	Yearly
						Goats (more than 12 month)		
					Sheep (less than 12 month)			
					Sheep (more than 12 month)			

	Agricultural equipment and machinery	Number of agricultural equipment and machinery	1991-2009	see ANNEX		NUTS 3	Yearly

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD		
Agriculture	Agricultural price statistics	Prices received by farmers	1980-2009	Bovine and bovine products	Buffalo Milk	NUTS 3	Yearly (1980-1993)		
					Buffaloes Bull (> 24 Months)		Yearly and monthly (1994-2009)		
					Buffaloes Bullock (12-24 Months)				
					Buffaloes Calves-Calf, Female (< 12 Months)				
					Buffaloes Calves-Calf, Male (<12 Months)				
					Buffaloes Cows (>24 Months)				
					Buffaloes Heifer (12-24 Months)				
					Buffaloes Oaf (> 24 Months)				
					Cattle (Domestic) Bull (> 24 Months)				
					Cattle (Domestic) Bullock (12-24 Months)				
					Cattle (Domestic) Calves-Calf, Female (< 12 Months)				
					Cattle (Domestic) Calves-Calf, Male (<12 Months)				
					Cattle (Domestic) Cows (>24 Months)				
					Cattle (Domestic) Heifer (12-24 Months)				
					Cattle (Domestic) Oaf (> 24 Months)				
					Cow Milk				
			1980-2009		Sheeps, goats and products	Hair		NUTS 3	Yearly (1980-1993)
						Ordinary Goat Milk			Yearly and monthly (1994-2009)
						Ordinary Goats Goat (> 24 Months)			
						Ordinary Goats Kid, Male-Female (< 6 Months)			
						Ordinary Goats Male-Female (6-12 Month)			
						Sheep (Domestic-Other) Lambs, Male-Female (< 6 Months)			
						Sheep (Domestic-Other) Sheep (> 24 Months)			
						Sheep (Domestic-Other) Yearling Lamb Male-Female (6-12 Month)			
						Sheep Milk			
						Wool (Dirty)			
			1980-2009		Other animal products	Butter		NUTS 3	Yearly (1980-1993)
						Cattle's Hide			Yearly and monthly (1994-2009)
						Cattle's Meat			
						Chicken Meat			
						Ordinary Goat'S Hide			
						Sheep's Hide			
						Sheep's Meat		NUTS 3	Yearly (1980-1993)

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD	
Agriculture	Agricultural price statistics (cont.)	Prices received by farmers (cont.)	1980-2009	Poultry and products	Broiler		Yearly and monthly (1994-2009)	
					Rusters			
			Egg					
			1980-2009	Other livestock and products	Honey Strain	NUTS 3	Yearly (1980-1993)	
					Honeycomb		Yearly and monthly (1994-2009)	
					Wax			
			1980-2009	Field crops		NUTS 3	Yearly (1980-1993)	
								Yearly and monthly (1994-2009)
			1980-2009	Vegetables			NUTS 3	Yearly (1980-1993)
								Yearly and monthly (1994-2009)
			1980-2009	Fruits			NUTS 3	Yearly (1980-1993)
							Yearly and monthly (1994-2009)	

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD
Agriculture	Supply balance sheets for crop products	Supply balance sheets for crop products	2000-2008	Cereals and other crops	Production (Tons)	NUTS 0	Yearly
					Area sown (Ha)		
					Harvest losses (Tons)		
					Supply=use (Tons)		
					Usable production (Tons)		
					Imports (Tons)		
					Imports from EU 27(Tons)		
					Domestic use(Tons)		
					Human consumption (Tons)		
					Seed use (Tons)		
					Animal feed (Tons)		
					Processing (Tons)		
					Industrial use (Tons)		
					Losses (Tons)		
					Exports (Tons)		
					Exports to EU 27(Tons)		
					Change in stocks (Tons)		
					Human consumption per capita		
				Degree of self - sufficiency (%)			
		2000-2008	Vegetables	Production (Tons)	NUTS 0	Yearly	
				Area sown (Ha)			
				Harvest losses (Tons)			
				Supply=use (Tons)			
				Usable production (Tons)			
				Imports (Tons)			
				Imports from EU 27(Tons)			
				Domestic use(Tons)			
				Human consumption (Tons)			
		Seed use (Tons)					
		Animal feed (Tons)					
		Processing (Tons)					
		Industrial use (Tons)					
		Losses (Tons)					
		Exports (Tons)					
		Exports to EU 27(Tons)					
		Change in stocks (Tons)					
		Human consumption per capita					
		Degree of self - sufficiency (%)					

THEME	TITLE	SUB-TITLE	YEAR	CONTENT		REGIONAL DIMENSION	PERIOD
Agriculture	Supply balance sheets for crop products (cont.)	Supply balance sheets for crop products (cont.)	2000-2008	Fruits, beverage and spice crops	Production (Tons)	NUTS 0	Yearly
					Area sown (Ha)		
			Harvest losses (Tons)				
			Supply=use (Tons)				
			Usable production (Tons)				
			Imports (Tons)				
			Imports from EU 27(Tons)				
			Domestic use(Tons)				
			Human consumption (Tons)				
			Seed use (Tons)				
			Animal feed (Tons)				
			Processing (Tons)				
			Industrial use (Tons)				
			Losses (Tons)				
			Exports (Tons)				
Exports to EU 27(Tons)							
Change in stocks (Tons)							
Human consumption per capita							
Degree of self - sufficiency (%)							

	Fertilizer statistics			Production		NUTS 0	Yearly
				Import			
				Export			
				Use			

Theme 2 – National Accounts

THEME	TITLE	SUB-TITLE	YEAR	SECTORAL DETAIL	REGIONAL AVAILABILITY
Macro accounts	Supply and Use Tables	Supply Table (at producer prices)	1996	Aggregate	NUTS 0
		Use Table (at producer prices)	1996	Aggregate	
		Supply Table (at basic prices)	1998	Aggregate	
		Use Table (at purchasers prices)	1998	Aggregate	
		Use Table (at basic prices)	1998	Aggregate	
		Supply Table (at basic prices)	2002	59 S	
		Use Table (at purchasers prices)	2002	59 S	
		Use Table (at basic prices)	2002	59 S	
		Domestic Use Table (at basic prices)	2002	59 S	
		Import Use Table (cif)	2002	59 S	
	Trade and Transport Margins	Trade / Transport Margins	2002	59 S	NUTS 0
	Input and Output Tables	I/O Table (at market prices)	1973	64 S	NUTS 0
		I/O Table (at market prices)	1979	64 S	
		I/O Table (at market prices)	1985	64 S	
		I/O Table (at producer prices)	1990	64 S	
		I/O Table (at basic prices)	1998	97S	
		I/O Table for domestic output (at basic prices)	1998	97S	
		I/O Table for import (at basic prices)	1998	97S	
	I/O Table (at basic prices)	2002	59 S		
	I/O Table for domestic output (at basic prices)	2002	59 S		
	I/O Table for import (cif)	2002	59 S		

Theme 3 – Household Labour Force Survey

THEME	TITLE	SUB-TITLE	YEAR	CONTENT	REGIONAL AVAILABILITY	PERIOD	
Household Labour Force Survey	HLFS [1]	Non-institutional population	1988-2000	Age group	NUTS 0	Periodic (two periods) and yearly	
				Educational status			
				Marital status			
				Relationship to reference person			
		Labour force	1988-2000		Age group	NUTS 0	Periodic (two periods) and yearly
					Educational status		
					Marital status		
					Relationship to reference person		
		Unemployment	1988-2000		Age group	NUTS 0	Periodic (two periods) and yearly
					Educational status		
					Marital status		
					Relationship to reference person		
		Employment	1988-2000		Labour force participation rate	NUTS 0	Periodic (two periods) and yearly
					Age group		
					Educational status		
					Marital status		
					Relationship to reference person		
					Unemployment rate		
					Duration of unemployment		
					Occupation sought (ISCO 68)		
Type for unemployment sought							
Branch of activity of last workplace - (9 group) Rev.1							
Status in employment in last job							
Not in labour force	1988-2000		Age group	NUTS 0	Periodic (two periods) and yearly		
			Educational status				
			Marital status				
			Relationship to reference person				
			Employment rate				
			Branch of activity of last workplace - (9 group) Rev.1				
			Size of work place				
			Occupational group (ISCO 68)				
			Status in employment				
			Actual hours worked				
			Underemployment rate				
			Having an additional job				
			Relationship to reference person				
			Reason of being not in labour force				

THEME	TITLE	SUB-TITLE	YEAR	CONTENT	REGIONAL AVAILABILITY	PERIOD		
	HLFS [2]	Non-institutional population	2000-2004 *	Age group	NUTS 0	Periodic (four periods) and yearly		
				Educational status				
				Marital status				
				Relationship to reference person				
		Labour force	2000-2004		Age group	NUTS 0	Periodic (four periods) and yearly	
					Educational status			
					Marital status			
					Relationship to reference person			
		Unemployment	2000-2004		Age group	NUTS 0	Periodic (four periods) and yearly	
					Educational status			
					Marital status			
					Relationship to reference person			
						Labour force participation rate	NUTS 0	Periodic (four periods) and yearly
						Age group		
						Educational status		
						Marital status		
						Relationship to reference person		
						Unemployment rate		
						Reason for unemployment		
						Duration of unemployment		
						Occupation sought (ISCO 68)		
						Type for unemployment sought		
						Branch of activity of last workplace - (9 group) Rev.1		
Status in employment in last job								
Employment	2000-2004		Age group	NUTS 0	Periodic (four periods) and yearly			
			Educational status					
			Marital status					
			Relationship to reference person					
			Employment rate					
			Branch of activity of last workplace - (9 group) Rev.1					
			Size of work place					
			Occupational group (ISCO 68)					
			Status in employment					
			Actual hours worked					
			Reason of seeking another job					
			Underemployment rate					
			Social security registration			(yearly only)		
			Having an additional job					
Not in labour force	2000-2004		Age group	NUTS 0	Periodic (four periods) and yearly			
			Educational status					
			Marital status					
			Relationship to reference person					
			Reason of being not in labour force					

THEME	TITLE	SUB-TITLE	YEAR	CONTENT	REGIONAL AVAILABILITY	PERIOD	
	HLFS [3]	Non-institutional population	2004-2010 *	Age group	NUTS 0	Monthly and yearly	
				Educational status	NUTS 2 **	Yearly	
				Marital status			
				Relationship to reference person			
		Unemployment	2004-2010	Age group	NUTS 0	Monthly and yearly	
				Educational status			
				Marital status			
				Relationship to reference person			
				Unemployment rate			
				Reason for unemployment			
				Duration of unemployment			
				Occupation sought (ISCO 68)			
				Type for unemployment sought			
				Branch of economic activity of last workplace (9 group) Rev.1		(yearly only)	
				Status in employment at last job		(yearly only)	
				2004-2010	Age group	NUTS 2	Yearly
					Educational status		
		Marital status					
		Relationship to reference person					
		Unemployment rate					
		Duration of unemployment (2 group)					
		Employment	2004-2010	Age group	NUTS 0	Monthly and yearly	
				Educational status			
				Marital status			
				Relationship to reference person			
				Employment rate			
				Agriculture-non agriculture employment			
Branch of economic activity (9 group) Rev.1				(yearly only)			
Branch of economic activity (14 group) Rev.1				(yearly only)			
Size of workplace							
Occupational group (ISCO 88)							
Status of employment							
Actual hours worked							
Social security registration							
Reason of seeking another job							
Underemployment				(yearly only)			
Underemployment rate							

THEME	TITLE	SUB-TITLE	YEAR	CONTENT	REGIONAL AVAILABILITY	PERIOD
Household Labour Force Survey	HLFS [3] (cont.)	Employment (cont.)		Having an additional job		
			2004-2010	Age group	NUTS 2	Yearly
			Educational status			
			Employment rate			
			Agriculture-non agriculture employment			
			Branch of economic activity (4 group) Rev.1			
			Size of workplace			
			Occupational group (ISCO 88)			
			Status of employment			
			Social security registration			
		Not in the labourforce	2004-2010	Age group	NUTS 0	Monthly and yearly
				Educational status		
				Marital status		
				Relationship to reference person		
				Reason of being not in labour force		
				Branch of economic activity of last workplace (9 group) Rev.1		(yearly only)
				Status in employment at last job		(yearly only)
			Reason for leaving the last job		(yearly only)	
		2004-2010	Age group	NUTS 2	Yearly	
			Educational status			
	Reason of being not in labour force					
	Branch of economic activity of last work place (4 group) Rev.1					
2004-2008	Status of employment at last job (3group)	NUTS 2	Yearly			

3. SAM for Turkey: Method and Data

The structure of the national SAM for Turkey matches exactly the structure proposed in Ferrari et al. (2010) and Müller et al. (2009). SAM for Turkey is presented in Table 1. It forms the basis for the appropriate regionalization that would be compatible with the SAMs developed for the EU27 countries.

The SAM is mostly based upon the work by Yigiteli (2010). Team members were heavily involved in its development. The base year is 2008. Yigiteli (2010) follows a top-down approach in the sense that the first step was to form a highly aggregated SAM with a limited number of production activities, commodity accounts, households, factors of production. The data for this highly aggregated SAM comes from the national accounts reported by TurkSTAT. Then, the macro SAM is disaggregated by using “auxiliary data” from different sources. The final disaggregated SAM consists of 59 production activities producing for 59 commodity accounts. Labor is disaggregated as formal and informal, while land and capital are also included as factors of production. Households are disaggregated according to income quintiles. Social security services and firms are also included as separate domestic institutions. Tax accounts are disaggregated for activity, production, income and import taxes. Saving / Investment account and Trade accounts are also presented in detail. SAM of Turkey for CAPRI-RD is obtained from the appropriate aggregation of this highly disaggregated version. In what follows, brief information on the major components of SAM will be provided.

Labor Value Added: Payments to labor are calculated from the records of Social Security Institution (SSI) since the series of GDP calculated by income method ended in 2006. Accordingly payments to labor are separated for formal and informal labor. The formal labor consists of people working under a service contract or are self-employed as well as the public servants. Sum of net payments and social security premiums are calculated from SSI database for each sector. Then the components of labor costs which are compiled by TurkSTAT are used to find total payments for each sector. The figures are also adjusted for under reporting by using different data sources from SSI and TurkSTAT. Labor payments for self-employed are calculated by using the same wage data described above. Payments to civil servants are compiled from the data supplied by Ministry of Finance, Undersecretariat of Treasury and Social Security Institutions. The figures are also adjusted according to TurkSTAT data.

Household Labor Surveys that are regularly held by TurkSTAT report the ratio of informal labor in total employment for each sector. Payments to informal labor are calculated by using these ratios and the figures calculated for the formal labor. The payments are differentiated from the formal labor by eliminating the social security and tax components of labor cost from the average wage data. The share of social security and tax components are taken from the “Cost Structure of Labor” data prepared by TurkSTAT.

I/O Table and Intermediate inputs: The most recent available I/O table from TurkSTAT dates back to 2002. To calculate the intermediate input use, we assumed that the ratio of intermediate input use to the total labor payments did not change between 2002 and 2008. Hence, we have used the ratio of each intermediate input for each sector to the labor payment of that sector to find the value of intermediate input use.

Value added of irrigated and rainfed land: The value added of land we use is different from Yigiteli (2010). Value added of land is calculated by using various other data sources. We used the results of an extensive survey held by World Bank in 2004 to evaluate the impacts of Agricultural Reform Implementation Project (ARIP). Accordingly, we calculated the average rent for each province and production activities for irrigated and non-irrigated land. Then these rent data is used to calculate the opportunity cost of land used in production. We also take into account the difference between the rent of irrigated and non-irrigated land. Rent data obtained from ARIP database is used to calculate the value added created by land. We assume that non-agricultural sectors do not use land as a factor of production. Hence we merged the payments to land and capital for the non-agricultural sectors.

Taxes: Tax data is directly taken from administrative records of Ministry of Finance. Tax matrices produced by TurkSTAT is used to separate the taxes on activities and commodities. Import and income taxes are calculated directly from administrative records.

Capital Value Added: Yigiteli (2010) calculates the capital value added as residual in activity accounts. However, we have refined the value added of capital in agricultural sector by using data on agricultural machinery supplied by TurkSTAT and rent data on different agricultural machinery. Interestingly the figures were pretty close to the residual calculated by Yigiteli (2010).

Consumption: The aggregate consumption of households and government is reported in national accounts by TurkSTAT. Disaggregation among sectors is done by using the results of Household Income and Consumption Survey held by TurkSTAT. The disaggregation of government spending is done by using the public account balances reported by General Directorate of Public Accounts. The figures obtained in this way are further refined by using the ratios calculated from supply/use tables for the year 2002.

Trade and other Rest of the World Accounts: The figures in the trade accounts follow from TurkSTAT and Central Bank data. Small adjustments are done to keep the balance of payments intact.

Saving/Investment Accounts: Investment data is supplied by State Planning Organization in their “General Balances of Economy” report for private and public sector as an aggregate figure. The figure for 2008 is used by Yigiteli (2010). The amount is distributed across sectors as a residual to keep the SAM in balance.

Table 1. National SAM of Turkey (Thousand TL).

	S_AGR	S_FOR	S_OPP	S_FOP	S_MAN	S_ENE	S_CNS	S_TTR	S_HOR	S_OSE
S_AGR										
S_FOR										
S_OPP										
S_FOP										
S_MAN										
S_ENE										
S_CNS										
S_TTR										
S_HOR										
S_OSE										
C_AGR	19 990 824	7 529	4 070	46 540 032	6 595 480	50 110	19 831	983 313	3 497 007	1 720 207
C_FOR	6 626	31 666	66 857	92 933	1 456 248	4 440	4 927	132 753	135 499	93 857
C_OPP	90 125	3 368	490 210	682 923	10 589 842	20 892 492	1 616 550	3 580 252	499 728	882 723
C_FOP	4 081 238	1 243	94 873	18 551 529	2 222 062	12 424	29 351	791 735	6 899 967	2 000 812
C_MAN	8 042 068	81 927	1 814 401	9 343 658	215 956 187	3 112 517	30 815 985	25 881 307	2 583 889	42 188 151
C_ENE	2 898 261	45 744	1 095 391	1 486 954	13 401 514	23 067 963	1 998 218	12 399 678	1 589 696	8 450 932
C_CNS	361 007	6 185	38 894	40 755	294 276	14 125	1 484 405	727 431	90 958	4 129 293
C_TTR	6 974 264	225 588	1 429 888	14 981 113	57 130 797	4 577 490	8 461 191	43 643 092	4 111 093	23 125 386
C_HOR	1 168	6 909	110 570	37 035	339 606	38 740	99 363	2 565 790	38 929	2 751 411
C_OSE	3 636 852	22 588	1 000 554	2 805 156	23 307 627	1 243 990	3 768 485	49 996 106	4 384 664	74 194 913
FLAB	36 591 007	1 488 672	3 463 335	7 744 981	50 153 184	2 930 732	29 496 640	54 788 060	9 373 966	124 620 971
LAND	11 281 788									
CAP	53 533 575	1 682 585	5 389 391	19 746 290	71 486 501	12 730 051	23 762 687	145 285 948	12 542 460	160 459 782
HH										
GOV										
ACTTAX	5 941 423	41 836	585 242	828 247	4 881 993	1 951 528	2 108 227	11 833 352	827 553	3 938 309
COMTAX										
IMPTAX										
S-I										
ROW										
TOTAL	153 430 226	3 645 840	15 583 676	122 881 607	457 815 317	70 626 600	103 665 861	352 608 817	46 575 410	448 556 748

Table 1. (continued)

	C_AGR	C_FOR	C_OPP	C_FOP	C_MAN	C_ENE	C_CNS	C_TTR	C_HOR	C_OSE
S_AGR	153 430 226									
S_FOR		3 645 840								
S_OPP			15 583 676							
S_FOP				122 881 607						
S_MAN					457 815 317					
S_ENE						70 626 600				
S_CNS							103 665 861			
S_TTR								352 608 817		
S_HOR									46 575 410	
S_OSE										448 556 748
C_AGR										
C_FOR										
C_OPP										
C_FOP										
C_MAN										
C_ENE										
C_CNS										
C_TTR										
C_HOR										
C_OSE										
FLAB										
LAND										
CAP										
HH										
GOV										
ACTTAX										
COMTAX	2 451 913	74 761	469 104	8 751 473	21 128 847	9 338 228	23 245	4 062 234	3 157 320	8 138 519
IMPTAX	587 085	22 960	3 406 337	359 151	12 661 116	1 321 315		1 686 584		967 691
S-I										
ROW	7 526 735	294 361	43 671 018	4 604 498	162 322 105	16 939 943		21 622 886		12 406 298
TOTAL	163 995 960	4 037 922	63 130 136	136 596 729	653 927 385	98 226 086	103 689 106	379 980 521	49 732 730	470 069 256

Table 1. (continued)

	FLAB	LAND	CAP	HH	GOV	ACTTAX	COMTAX	IMPTAX	S-I	ROW	TOTAL
S_AGR											153 430 226
S_FOR											3 645 840
S_OPP											15 583 676
S_FOP											122 881 607
S_MAN											457 815 317
S_ENE											70 626 600
S_CNS											103 665 861
S_TTR											352 608 817
S_HOR											46 575 410
S_OSE											448 556 748
C_AGR				55 649 149	185 920				23 342 933	5 409 555	163 995 960
C_FOR				1 252 873	14 686				726 518	18 040	4 037 922
C_OPP				5 382 804	151 907				14 964 532	3 302 680	63 130 136
C_FOP				92 023 579	1 263 619				- 304 022	8 928 319	136 596 729
C_MAN				146 804 771	2 708 828				11 023 370	153 570 325	653 927 385
C_ENE				30 730 068	130 076				- 9 268 705	10 200 297	98 226 086
C_CNS				177 625					95 058 869	1 265 281	103 689 106
C_TTR				136 303 730	1 117 317				67 195 530	10 704 042	379 980 521
C_HOR				41 577 013					2 166 195		49 732 730
C_OSE				176 529 573	89 890 343				5 433 993	33 854 411	470 069 256
FLAB											320 651 549
LAND											11 281 788
CAP											506 619 269
HH	260 227 825	11 281 788	506 619 269	432 438 730	164 127 183					10 846 777	1 385 541 570
GOV	60 423 725			109 968 510	26 342 812	32 937 710	57 595 645	21 012 239		945 220	309 225 860
ACTTAX											32 937 710
COMTAX											57 595 645
IMPTAX											21 012 239
S-I				143 936 380	16 393 360					50 009 474	210 339 214
ROW				12 766 767	6 899 808						289 054 420
TOTAL	320 651 549	11 281 788	506 619 269	1 385 541 570	309 225 860	32 937 710	57 595 645	21 012 239	210 339 214	289 054 420	

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