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An Introduction to SAMs: National Accounts & a SAM

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Outline

- *Introduction*
- *Circular Flow*
- *Overview of a SAM*
 - *LOOP*
- *Structure of a SAM*
- *National (T-)Accounts and a SAM*
- *Price System*
 - *LOOP*
 - *Inter-Industry Table*
- *SNA Production Boundary*
- *Interpreting a SAM*
- *SAM Leontief Model*

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National Accounts and SAM

Household T-Account

Incomes		Expenditures	
Income from employment	75	Private consumption	63
Income from property	15		
		Income taxes	12
Transfers from government	8		
Transfers from rest of world	2	Transfers to rest of world	4
		Savings	21
Total	100	Total	100

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SAM Accounts

	Commodities	Activities	Factors	Households	Enterprises	Government	Savings	RoW	Total
Commodities				63					
Activities									
Factors									
Households			75+15			8		2	100
Enterprises									
Government				12					
Savings				21					
RoW				4					
Total				100					

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National Accounts and SAM

Capital T-Account

Incomes		Expenditures	
Household Savings	21	Gross Domestic Capital Formation	36
Enterprise Savings	6	Stock Changes	2
Government Savings	4		
Depreciation	5		
Current Account Balance	2		
Total	38	Total	38


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SAM Accounts

	Commodities	Activities	Factors	Households	Enterprises	Government	Savings	RoW	Total
Commodities				63			36+2		
Activities									
Factors									
Households			90			8		2	100
Enterprises									
Government				12					
Savings			5	21	6	6		2	38
RoW				4					
Total				100			38		


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National Accounts and SAM

A Commodity T-Account

Incomes		Expenditures	
Intermediate inputs	60	Purchases from domestic activities	80
Private consumption	45	Purchases of imports (cif)	20
Government consumption	10		
Investment	26	Trade & transport margins	15
Stock changes	-1		
		Import duties	5
Exports (fob)	10	Domestic commodity taxes	30
Total	150	Total	150

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SAM Accounts

	Commodities	Activities	Factors	Households	Enterprises	Government	Savings	RoW	Total
Commodities	15	65		63			36+2		
Activities	110+20								130
Factors		60							
Households			90			8		2	100
Enterprises									
Government	30+5	5		12					
Savings			5	21	6	6		2	38
RoW	20			4					
Total		130		100			38		

OOOPPS: T-accounts are not complete

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Exercises

- SAMs and T-Accounts
 - The first set of exercises involve generating SAMs from T-accounts
 - These exercises are done in Excel

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The End

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