



# *SAMs and T-Accounts*

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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*

### 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		
<b>Total</b>	<b>38</b>	<b>Total</b>	<b>38</b>

  
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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					
<b>Total</b>				100			38		

  
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## *National Accounts and SAM*

### Activity T-Account

Incomes		Expenditures	
Income from commodity 1	110	Intermediate inputs	65
Income from commodity 2	20		
		Payments to labour	40
		Gross Operating surplus	20
		Taxes on production	5
<b>Total</b>	<b>130</b>	<b>Total</b>	<b>130</b>

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## *SAM Accounts*

	Commodities	Activities	Factors	Households	Enterprises	Government	Savings	RoW	Total
Commodities		65		63			36+2		
Activities	110+20								130
Factors		60							
Households			90			8		2	100
Enterprises									
Government		5		12					
Savings			5	21	6	6		2	38
RoW				4					
<b>Total</b>		130		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
<b>Total</b>	<b>150</b>	<b>Total</b>	<b>150</b>



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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*

Introduction to SAMs: SAMs & T-Accounts

  
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