Money and Banking	Saving Finances Investment	Money and Banking	Saving Finances Investment		
		Accounting Identity:	Saving Equals Investment		
Accounting Identity: Income Equals Product That domestic income equals domestic product is a macroeconomic accounting identity. One dollar of production necessarily generates one dollar of income.		That saving equals investment is another macroeconomic accounting identity. Investment refers to physical investment, not financial investment. Saving is income minus spending.			
				That saving equals investment follows from the domestic income equals domestic product identity.	
				1	
		Money and Banking	Saving Finances Investment	Money and Banking	Saving Finances Investment
Consider an economy without government. Saving is domestic income minus consumption,		It follows that saving equals investment:			
s = di - c.	(1)	s = di - c, by (1),			
Domestic income equals domestic product,		= dp - c, by (2),			
di = dp.	(2)	=(c+	i) - c, by (3)		
Domestic product is consumption plus investment,		=i,			
dp = c + i.	(3)	as desired.			
3			4		
Money and Banking	Saving Finances Investment	Money and Banking	Saving Finances Investment		
Saving by Sector Household saving is income minus consumption. Business saving is retained earnings—profit minus dividends. Government saving is taxes minus spending.		How Does Saving That saving equals investmen But how does saving finance	Finance Investment? t is a macroeconomic identity. investment?		

Money and Banking	Saving Finances Investment	Money and Banking	Saving Finances Investment
Self-Fin The simplest possibility is self-fin investor are the same person.	ance ance: the saver and the	Finan Financial assets permit the sa people. The saver finances investmen	cial Assets over and the investor to be different at by buying debt or equity.
7			8
Money and Banking	Saving Finances Investment	Money and Banking	Saving Finances Investment
Financial Intermediation A bank is the basic example of a <i>financial intermediary</i> , intermediate between the saver and the investor. The saver deposits money in the bank, and the bank loans money to the investor.		Government Government saving can also finance investment.	
Money and Banking	Saving Finances Investment	Money and Banking	Saving Finances Investment
Historical Development Gerschenkron [1] argues that how investment is financed depends on when a nation starts to industrialize.		The industrial revolution started in Britain in the 1700's, with investment financed directly, either by self-finance or financial assets. France and Germany started to industrialize in the first half of the 1800's. Initially banks financed investment, and direct finance came later. Russia started to industrialize in the late 1800's. Initially the government financed investment, then banks, and later direct finance.	
11			12

Money and Banking

Less Developed Countries

In colonies that became independent after World War II, government saving and investment has been important but unfortunately has commonly been unsuccessful.

References

 Alexander Gerschenkron. *Economic Backwardness in Historical Perspective*. Harvard University Press, Cambridge, MA, 1962. HC335G386. 9

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