What Is Money?

Without it, modern economies could not function

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Money may make the world go around, as the song says. And most people in the world probably have handled money, many of them on a daily basis. But despite its familiarity, probably few people could tell you exactly what money is, or how it works. In short, money can be anything that can serve as a

- store of value, which means people can save it and use it later—smoothing their purchases over time;
- unit of account, that is, provide a common base for prices; or
- medium of exchange, something that people can use to buy and sell from one another.

Perhaps the easiest way to think about the role of money is to consider what would change if we did not have it. If there were no money, we would be reduced to a barter economy. Every item someone wanted to purchase would have to be exchanged for something that person could provide. For example, a person who specialized in fixing cars and needed to trade for food would have to find a farmer with a broken car. But what if the farmer did not have anything that needed to be fixed? Or what if a farmer could only give the mechanic more eggs than the mechanic could reasonably use? Having to find specific people to trade with makes it very difficult to specialize. People might starve before they were able to find the right person with whom to barter.

But with money, you don’t need to find a particular person. You just need a market in which to sell your goods or services. In that market, you don’t barter for individual goods. Instead you exchange your goods or services for a common medium of exchange—that is, money. You can then use that money to buy what you need from others who also accept the same medium of exchange. As people become more specialized, it is easier to produce more, which leads to more demand for transactions and, hence, more demand for money.

Many monies

To put it a different way, money is something that holds its value over time, can be easily translated into prices, and is widely accepted. Many different things have been used as money over the years—among them, cowry shells, barley, peppercorns, gold, and silver.

At first, the value of money was anchored by its alternative uses, and the fact that there were replacement costs. For example, you could eat barley or use peppercorns to flavor food. The value you place on such consumption provides a floor for the value. Anyone could grow more, but it does take time, so if the barley is eaten the supply of money declines. On the other hand, many people may want strawberries and be happy to trade for them, but they make poor money because they are perishable. They are difficult to save for use next month, let alone next year, and almost impossible to use in trade with people far away. There is also the problem of divisibility—not everything of value is easily divided, and standardizing each unit is also tricky; for example, the value of a basket of strawberries measured against different items is not easy to establish and keep constant. Not only do strawberries make for bad money, most things do.

But precious metals seemed to serve all three needs: a stable unit of account, a durable store of value, and a convenient medium of exchange. They are hard to obtain. There is a finite supply of them in the world. They stand up to time well. They are easily divisible into standardized coins and do not lose value when made into smaller units. In short, their durability, limited supply, high replacement cost, and portability made precious metals more attractive as money than other goods.

Until relatively recently, gold and silver were the main currency people used. Gold and silver are heavy, though, and over time, instead of carrying the actual metal around and exchanging it for goods, people found it more convenient to deposit precious metals at banks and buy and sell using a note that claimed ownership of the gold or silver deposits. Anyone who wanted to could go to the bank and get the precious metal that backs the note. Eventually, the paper claim on the precious metal was delinked from the metal. When that link was broken, fiat money was born. Fiat money is materially worthless, but has value simply because a nation collectively agrees to ascribe a value to it.
In short, money works because people believe that it will. As the
means of exchange evolved, so did its source—from individuals
in barter, to some sort of collective acceptance when money was
barley or shells, to governments in more recent times.

Even though using standardized coins or paper bills made it easier to determine prices of goods and services, the
amount of money in the system also played an important role
in setting prices. For example, a wheat farmer would have at
least two reasons for holding money: to use in transactions
(cash in advance) and as a buffer against future needs (pre-
cautionary saving). Suppose winter is coming and the farmer
wants to add to his store of money in anticipation of future
expenses. If the farmer has a hard time finding people with
money who want to buy wheat, he may have to accept fewer
coins or bills in exchange for the grain. The result is that the
price of wheat goes down because the supply of money is too
tight. One reason might be that there just isn’t enough gold
to mint new money. When prices as a whole go down, it is
called deflation. On the other hand, if there is more money
in circulation but the same level of demand for goods, the
value of the money will drop. This is inflation—when it takes
more money to get the same amount of goods and services
(see “What Is Inflation?” in the March 2010 issue of F&D).

How money is measured

In official statistics, the amount of money in an economy
is generally measured through what is called broad money,
which encompasses everything that provides a store of value
and liquidity. Liquidity refers to the extent to which finan-
cial assets can be sold at close to full market value at short
notice. That is, they can easily be converted into another
form of money, such as cash. Although currency and trans-
ferable deposits (narrow money) are included by all coun-
tries in broad money, there are other components that may
also provide sufficient store of value and liquidity to count as
broad money. Among the things the IMF (2000) says can be
counted as broad money are the following:

National currencies

Transferrable deposits, which include demand deposits
(transferrable by check or money order); bank checks (if used as
a medium of exchange); traveler’s checks (if used for transac-
tions with residents); and deposits otherwise commonly used
to make payments (such as some foreign-currency deposits).

Other deposits, such as nontransferable savings depos-
its, term deposits (funds left on deposit for a fixed period of
time), or repurchase agreements (in which one party sells a
security and agrees to buy it back at a fixed price).

Securities other than shares of stock, such as tradable
certificates of deposit and commercial paper (which is essen-
tially a corporate IOU).

Belief can fade

Countries that have been down the path of high inflation expe-
rienced firsthand how the value of money essentially depends
on people believing in it. In the 1980s, people in some Latin
American countries, such as Argentina and Brazil, gradually
lost confidence in the currency, because inflation was eroding
its value so rapidly. They started using a more stable one, the
U.S. dollar, as the de facto currency. This phenomenon is called
unofficial, or de facto, dollarization. The government loses its
monopoly on issuing money—and dollarization can be very
difficult to reverse.

Some policies governments have used to restore confidence in
a currency nicely highlight the “faith” part of money functioning.
In Turkey, for example, the government rebased the currency,
the lira, eliminating six zeros in 2005. Overnight, 1,000,000 liras
became 1 lira. Brazil, on the other hand, introduced a new cur-
currency in 1994, the real. In both countries, citizens went along,
demonstrating that as long as everyone accepts that a different
denomination or a new currency is the norm, it simply will be.
Just like fiat money. If it is accepted as money, it is money. ■

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Reference:
International Monetary Fund (IMF), 2000, Monetary and Financial