

► Objectives

1. Describe federal borrowing.
2. Explain how the Federal Government's actions can affect the economy.
3. Analyze the causes and effects of the public debt.

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► Key Terms

- **deficit:** the shortfall created when income is lower than expenses
- **surplus:** the excess created when income is higher than expenses
- **demand-side economics:** the view that increased government spending will create higher employment, boost the economy, and raise tax revenues

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► Key Terms, cont.

- **supply-side economics:** the view that lower taxes, not greater government spending, will boost the economy
- **public debt:** the total amount of money owed by the federal government

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Introduction

- What effect does borrowing have on the federal budget and the nation's economy?
 - Borrowing can be used to provide an economic stimulus for the nation and to pay off budget deficits in times of crisis or overspending.
 - However, such borrowing leads to future deficits and higher interest payments on the increasing public debt.

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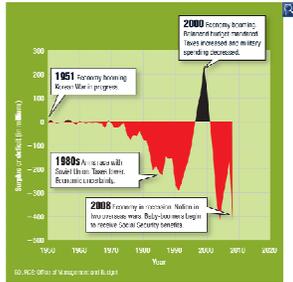
The Power to Borrow

- The Constitution gives Congress the power to borrow money. For 150 years Congress used this power to:
 - Pay for crises such as wars
 - Pay for large-scale projects such as the construction of the Panama Canal
- For most of the past 80 years, the government has borrowed money to pay for yearly budget deficits because it spends more than it raises from taxpayers.

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Deficits and Surpluses

- The government did not have a budget surplus from 1969 to 1998.
- The government creates the budget based on estimates.
 - What factors mentioned on the chart likely affected the budget for that year?



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The Depression

- At the height of the Great Depression, one fourth of the nation's labor force was unemployed and 18 million were dependent on public relief programs.
- State governments, private charities, and banks were all overwhelmed.
- The traditional approach was to keep government involvement in the economy limited and let the free market solve the problem.

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▶ Keynesian Economics AMERICAN GOVERNMENT

- In contrast, President Roosevelt's New Deal used the ideas of John Maynard Keynes to stimulate the economy.
- Keynes said that government should spend heavily on public programs during times of high unemployment.



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▶ Supply-Side Economics AMERICAN GOVERNMENT

- Under President Reagan, the theory of supply-side economics took hold.
- This theory says that lowering taxes increases the supply of money in private hands and boosts the economy without higher government spending.
- In 2008, supply-side supporter George W. Bush approved both an economic stimulus plan and a \$700 billion bailout of home lending institutions, both Keynesian measures for dealing with a financial crisis.

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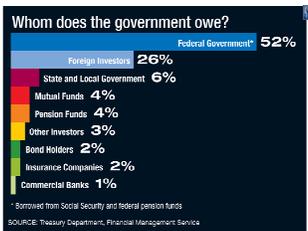
▶ Borrowing Money AMERICAN GOVERNMENT

- Checkpoint: How does the federal government borrow money?
 - Congress must authorize all federal borrowing. The Treasury Department then borrows money by selling securities to investors.
 - Securities are notes in which the government promises to repay a certain sum, plus interest, on a certain date.
 - Short term securities are usually Treasury notes, also called T-bills.
 - Long term securities are typically government bonds.

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▶ Borrowing Money, cont. AMERICAN GOVERNMENT

- Investors in U.S. securities include both American and foreign individuals, banks, investment companies, and other financial institutions.
 - To which group of investors does the government owe the most?



Investor Group	Percentage
Foreign Investors	26%
State and Local Government	6%
Mutual Funds	4%
Pension Funds	4%
Other Investors	3%
Bond Holders	2%
Insurance Companies	2%
Commercial Banks	1%
Federal Government	52%

* Borrowed from Social Security and federal pension funds
SOURCE: Treasury Department, Financial Management Service

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▶ The Public Debt AMERICAN GOVERNMENT

- The U.S. government can borrow money while offering lower rates of interest than those charged to private investors.
 - This is because U.S. securities are seen as safe investments and their interest is not taxed.
- Still, borrowing so much money has produced a huge public debt for the federal government.
 - This debt includes all the borrowed money not yet repaid plus the interest owed.

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▶ The Public Debt AMERICAN GOVERNMENT

- The public debt has exploded over the past 30 years, passing \$1 trillion for the first time in 1981.
- About 1 in every 10 dollars spent by the U.S. government now goes to paying interest on the public debt.

SOURCE: Office of Management and Budget

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▶ The Public Debt, cont. AMERICAN GOVERNMENT

- There is no constitutional limit on the public debt.
- Congress has put limits on the debt but simply raised them when needed.
- The amount of the debt is hard to imagine and will affect future generations of taxpayers.

To pay off the public debt today, every American would have to pay \$31,654, or enough to buy a mid-range sports car.

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▶ Review AMERICAN GOVERNMENT

- Now that you have learned about the effect borrowing has on the federal budget and the nation's economy, go back and answer the Chapter Essential Question.
 - How should the federal budget reflect Americans' priorities?

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