

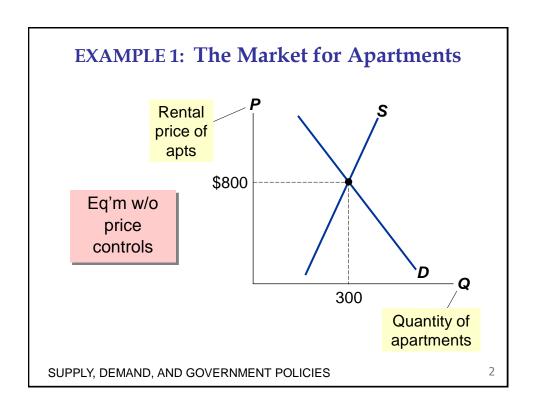
Government Policies That Alter the Private Market Outcome

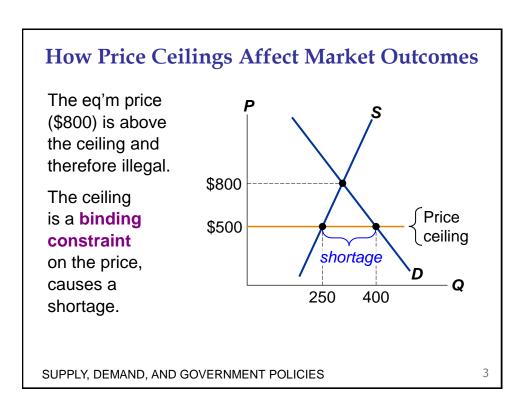
- Price controls
 - (): a legal maximum on the price of a good or service Example: rent control
 - (): a legal minimum on the price of a good or service Example: minimum wage
- Taxes
 - The govt can make buyers or sellers pay a specific amount on each unit bought/sold.

We will use the supply/demand model to see how each policy affects the market outcome (the price buyers pay, the price sellers receive, and eg'm quantity).

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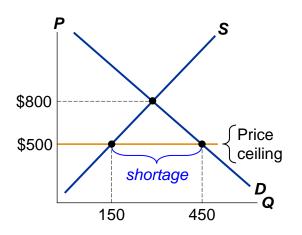




How Price Ceilings Affect Market Outcomes

In the long run, supply and demand are more price-elastic.

So, the shortage is larger.



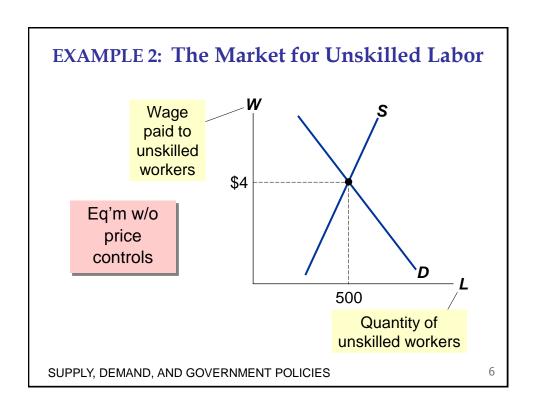
SUPPLY, DEMAND, AND GOVERNMENT POLICIES

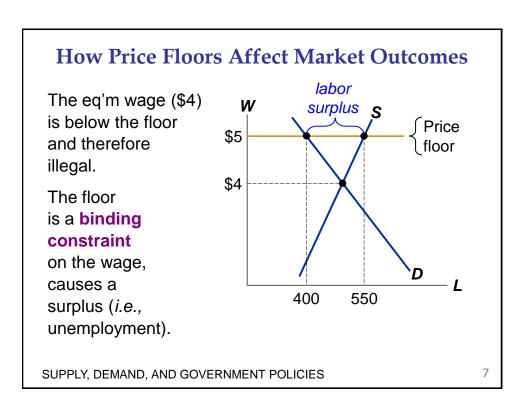
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Shortages and Rationing

- With a shortage, sellers must ration the goods among buyers.
- Some rationing mechanisms: (1) Long lines
 (2) Discrimination according to sellers' biases
- These mechanisms are often unfair, and inefficient: the goods do not necessarily go to the buyers who value them most highly.
- In contrast, when prices are not controlled, the rationing mechanism is efficient (the goods go to the buyers that value them most highly) and impersonal (and thus fair).

SUPPLY, DEMAND, AND GOVERNMENT POLICIES





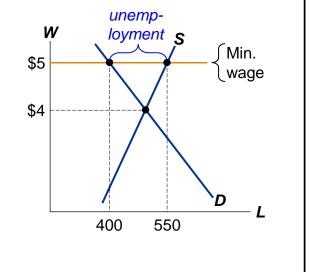


Min wage laws do not affect highly skilled workers.

They do affect teen workers.

Studies:

A 10% increase in the min wage raises teen unemployment by 1-3%.



SUPPLY, DEMAND, AND GOVERNMENT POLICIES

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Evaluating Price Controls

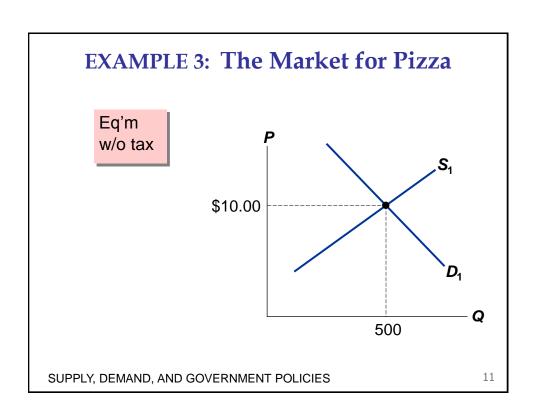
- Recall one of the Ten Principles from Chapter 1: Markets are usually a good way to organize economic activity.
- Prices are the signals that guide the allocation of society's resources. This allocation is altered when policymakers restrict prices.
- Price controls often intended to help the poor, but often hurt more than help.

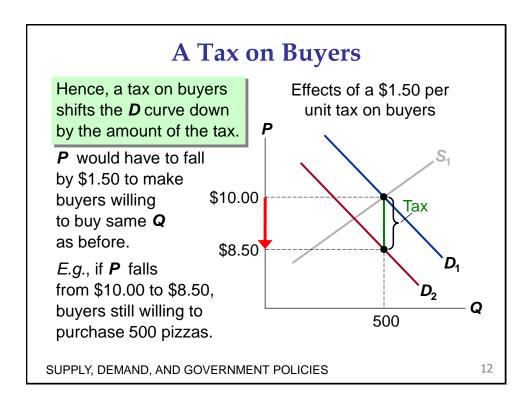
SUPPLY, DEMAND, AND GOVERNMENT POLICIES

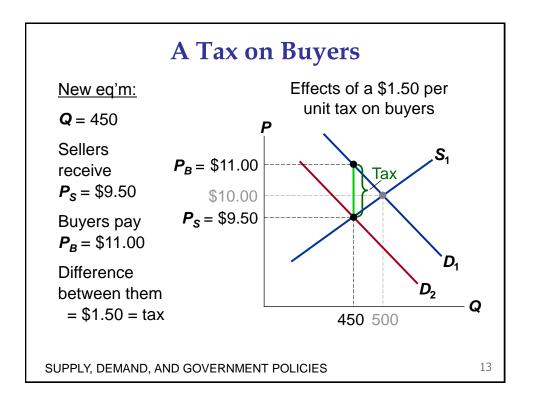
Taxes

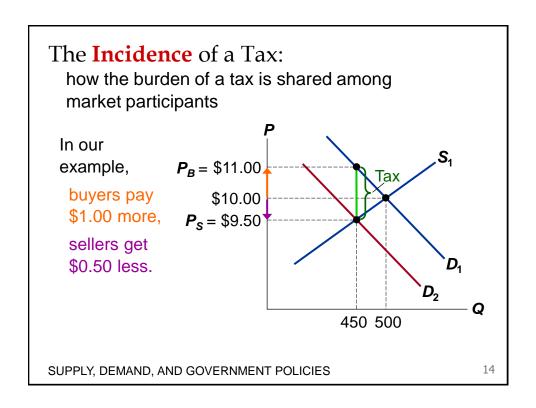
- The govt levies taxes on many goods & services to raise revenue to pay for national defense, public schools, etc.
- The govt can make buyers or sellers pay the tax.
- The tax can be a % of the good's price, or a specific amount for each unit sold.
 - For simplicity, we analyze per-unit taxes only.

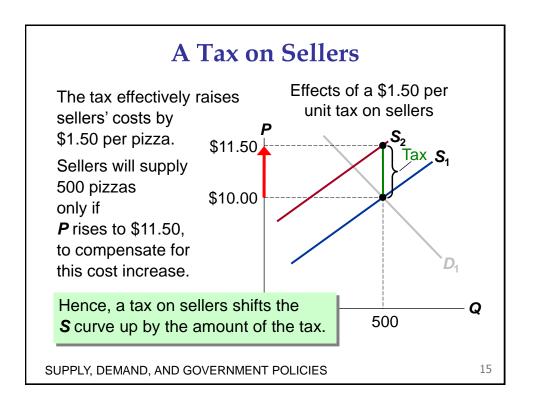
SUPPLY, DEMAND, AND GOVERNMENT POLICIES

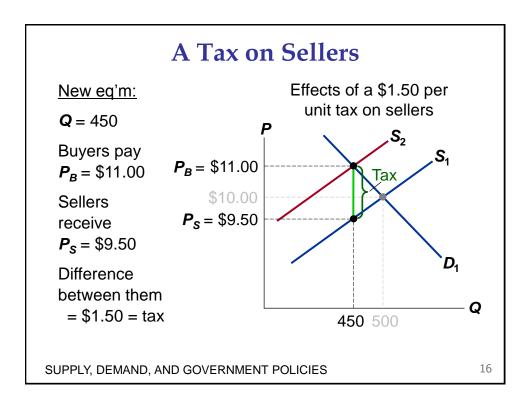


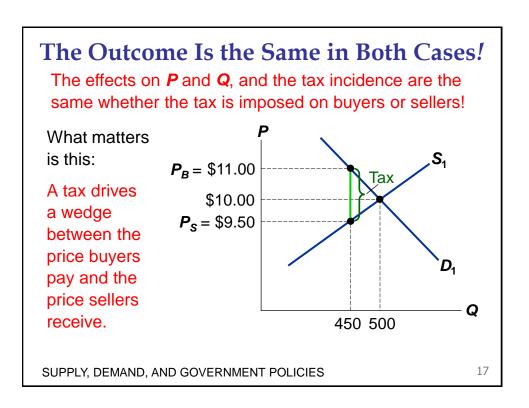


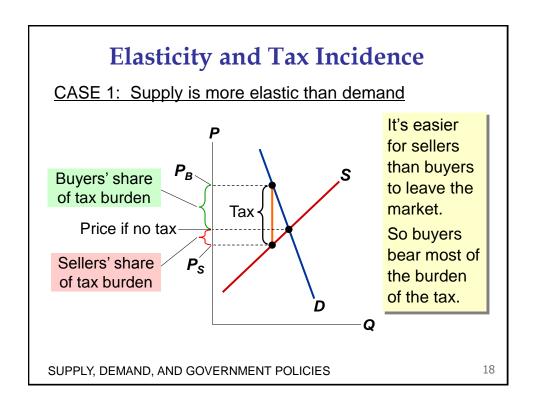


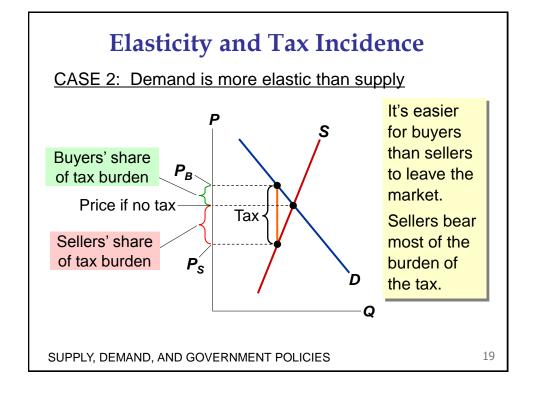








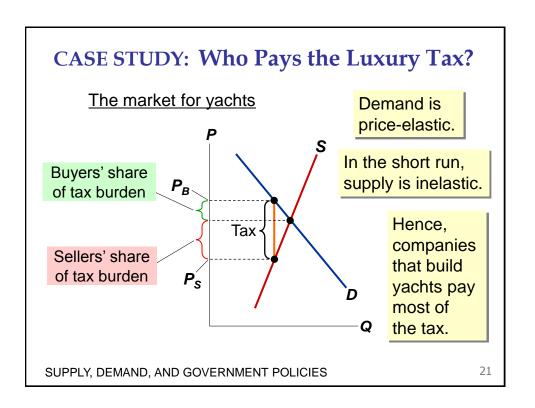




CASE STUDY: Who Pays the Luxury Tax?

- 1990: Congress adopted a luxury tax on yachts, private airplanes, furs, expensive cars, etc.
- Goal of the tax: raise revenue from those who could most easily afford to pay – wealthy consumers.
- But who really pays this tax?

SUPPLY, DEMAND, AND GOVERNMENT POLICIES



CONCLUSION: Government Policies and the Allocation of Resources

- Each of the policies in this chapter affects the allocation of society's resources.
 - Example 1: A tax on pizza reduces eq'm Q.
 With less production of pizza, resources
 (workers, ovens, cheese) will become available to other industries.
 - Example 2: A binding minimum wage causes a surplus of workers, a waste of resources.
- So, it's important for policymakers to apply such policies very carefully.

SUPPLY, DEMAND, AND GOVERNMENT POLICIES

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CHAPTER SUMMARY

- A price ceiling is a legal maximum on the price of a good. An example is rent control. If the price ceiling is below the eq'm price, it is binding and causes a shortage.
- A price floor is a legal minimum on the price of a good. An example is the minimum wage. If the price floor is above the eq'm price, it is binding and causes a surplus. The labor surplus caused by the minimum wage is unemployment.

CHAPTER SUMMARY

- A tax on a good places a wedge between the price buyers pay and the price sellers receive, and causes the eq'm quantity to fall, whether the tax is imposed on buyers or sellers.
- The incidence of a tax is the division of the burden of the tax between buyers and sellers, and does not depend on whether the tax is imposed on buyers or sellers.
- The incidence of the tax depends on the price elasticities of supply and demand.