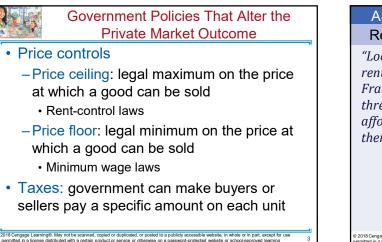


## Look for the answers to these questions:

- What are price ceilings and price floors? What are some examples of each?
- How do price ceilings and price floors affect market outcomes?
- How do taxes affect market outcomes? How do the effects depend on whether the tax is imposed on buyers or sellers?
- What is the incidence of a tax? What determines the incidence?

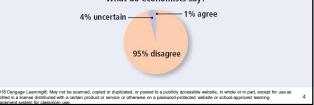
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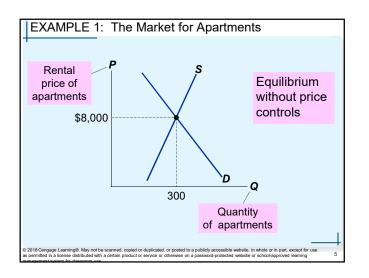


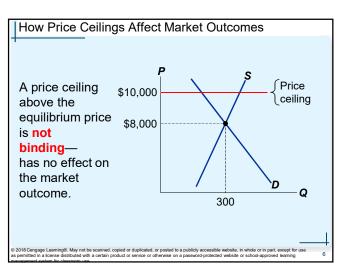
### ASK THE EXPERTS

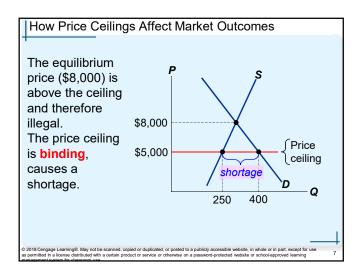
### Rent Control

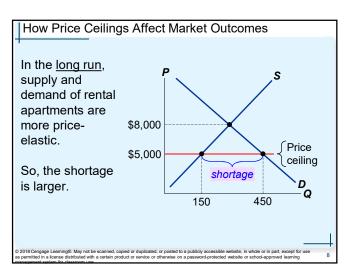
"Local ordinances that limit rent increases for some rental housing units, such as in New York and San Francisco, have had a positive impact over the past three decades on the amount and quality of broadly affordable rental housing in cities that have used them." What do economists say?



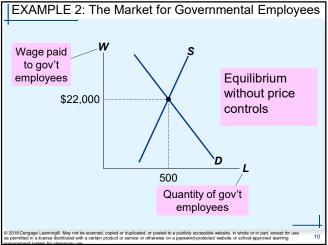


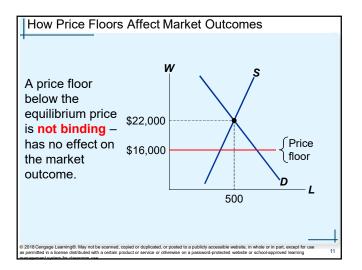




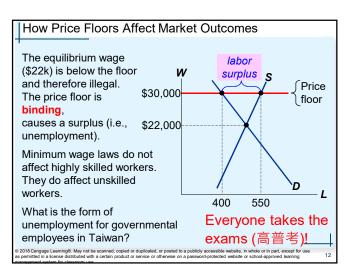








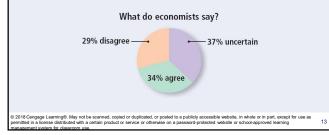
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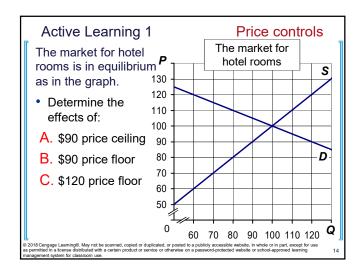


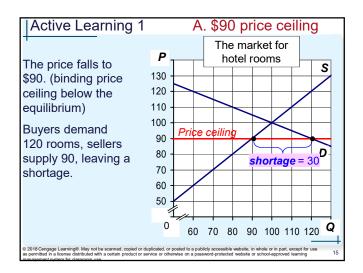
# ASK THE EXPERTS

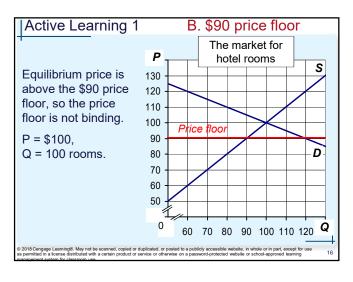
## The Minimum Wage

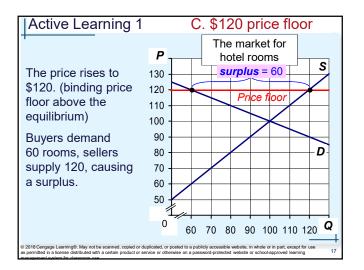
"If the federal minimum wage is raised gradually to \$15-per-hour by 2020, the employment rate for low-wage U.S. workers will be substantially lower than it would be under the status quo."



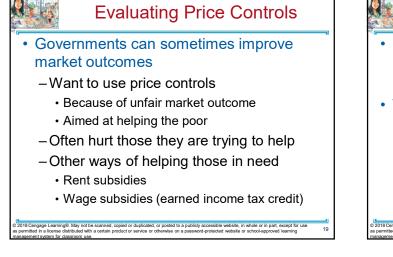


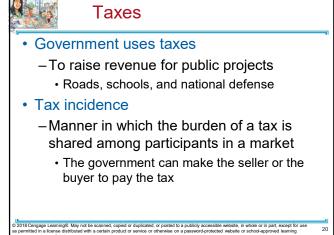


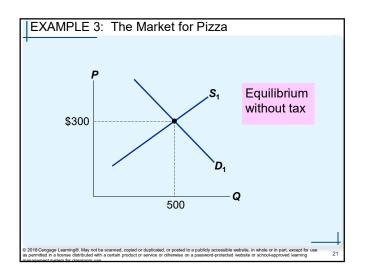


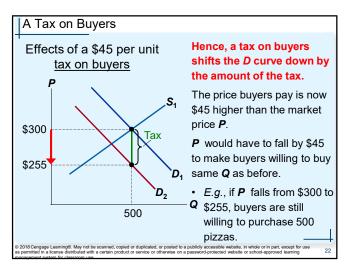


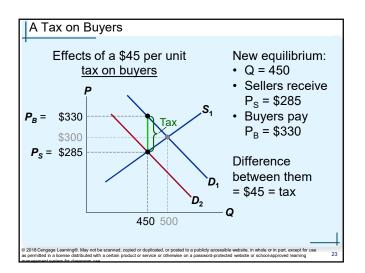
|  | Evaluating Price Controls  |    |
|--|--|----|
| <ul> <li>Markets are usually a good way to<br/>organize economic activity</li> </ul> |  |    |
|  | pnomists usually oppose price ceilings<br>d price floors   |    |
| <ul> <li>Prices are not the outcome of some<br/>haphazard process</li> </ul>         |  |    |
|  | ces have the crucial job of balancing<br>oply and demand   |    |
| • 0  | Coordinating economic activity   |    |
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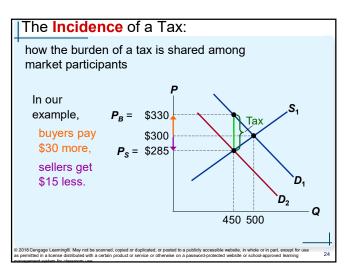


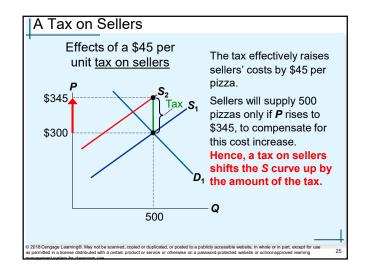


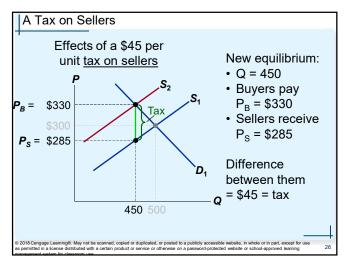


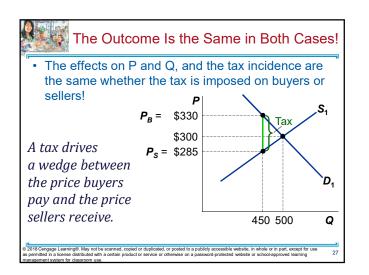


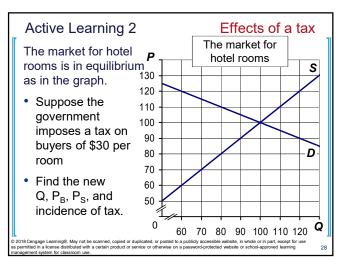


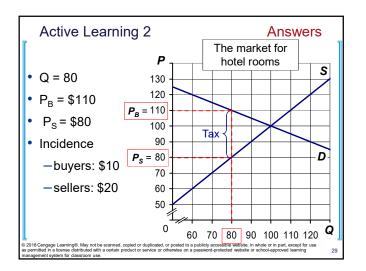


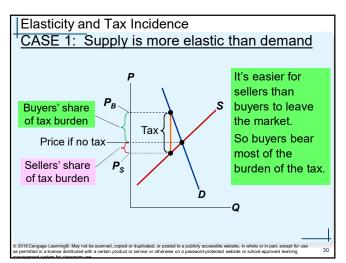


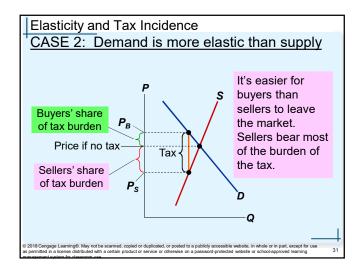


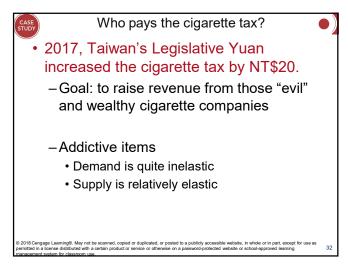


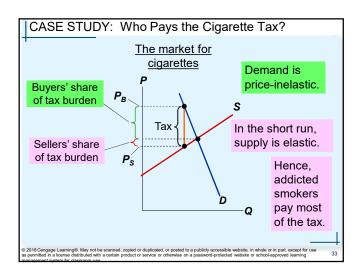


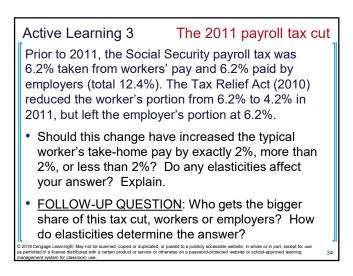












### Active Learning 3

### Answers

- As long as labor supply and labor demand both have price elasticity > 0, the tax cut will be shared by workers and employers, i.e., workers' takehome pay will rise less than 2%.
- The answer does NOT depend on whether labor demand is more or less elastic than labor supply.

### FOLLOW-UP QUESTION :

- If labor demand is more elastic than labor supply, workers get more of the tax cut than employers.
- If labor demand is less elastic than labor supply, employers get the larger share of the tax cut.
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## Summary

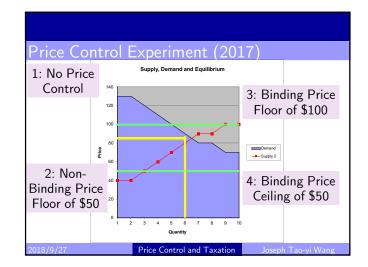
- A price ceiling is a legal maximum on the price of a good. An example is rent control. If the price ceiling is below the equilibrium price, it is binding and causes a shortage.
- A price floor is a legal minimum on the price of a good. An example is the minimum wage. If the price floor is above the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

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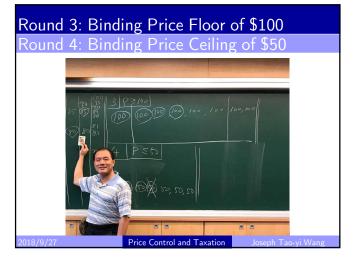
# Summary

- A tax on a good places a wedge between the price buyers pay and the price sellers receive, and causes the equilibrium 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.

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## Chapter 6: Price Control and Taxation

- Markets are good? Price control is bad!
- Homework:
  - Mankiw, Ch. 6, Problem 3, 5, 7, 8, 9, 10

Price Control and Taxati

### Challenge Questions:

- > 2009 (Multiple Choice Q11)
- ▶ 2010 (True/False Q6-Q8)
- ▶ 2012 (True/False Q3-Q4)
- ▶ 2013 (True/False Q6-7)
- 2016 Essay C

# Chapter 6: Price Control and Taxation

- Additional Questions:
  - True or False. A price ceiling on wheat would cause the price of bread to fall.
- True or False. ASUS computers contain hard drivers made by other manufacturers. If ASUS made its own hard drives, ASUS computers would be cheaper.

Price Control and Taxation